

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
 Data File : VN087856.D
 Acq On : 16 Sep 2025 17:32
 Operator : JC\MD
 Sample : VN0916MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 01:25:02 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	238546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	458212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	421938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	221865	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.559	65	197409	40.390	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.780%
35) Dibromofluoromethane	8.147	113	149487	45.186	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.380%
50) Toluene-d8	10.547	98	521585	42.123	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.240%#
62) 4-Bromofluorobenzene	12.829	95	192645	43.748	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	62118	18.335	ug/l	96
3) Chloromethane	2.383	50	63165	18.142	ug/l	98
4) Vinyl Chloride	2.536	62	68376	16.937	ug/l	99
5) Bromomethane	2.977	94	34127	16.383	ug/l	93
6) Chloroethane	3.136	64	46639	16.437	ug/l	96
7) Trichlorofluoromethane	3.512	101	105967	17.916	ug/l	91
8) Diethyl Ether	3.965	74	44922	17.439	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	55515	16.588	ug/l	93
10) Methyl Iodide	4.583	142	31750	17.776	ug/l #	94
11) Tert butyl alcohol	5.518	59	84357	99.420	ug/l #	85
12) 1,1-Dichloroethene	4.336	96	59115	17.188	ug/l	90
13) Acrolein	4.177	56	66204	63.468	ug/l	97
14) Allyl chloride	5.012	41	94015	15.085	ug/l	97
15) Acrylonitrile	5.706	53	218192	91.181	ug/l	96
16) Acetone	4.424	43	195161	73.352	ug/l	99
17) Carbon Disulfide	4.706	76	171168	18.078	ug/l	99
18) Methyl Acetate	5.024	43	105766	18.986	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	231323	17.929	ug/l	99
20) Methylene Chloride	5.265	84	74511	18.582	ug/l	90
21) trans-1,2-Dichloroethene	5.777	96	65657	17.615	ug/l	90
22) Diisopropyl ether	6.659	45	229384	17.055	ug/l	98
23) Vinyl Acetate	6.594	43	943749	77.127	ug/l	97
24) 1,1-Dichloroethane	6.559	63	128177	17.382	ug/l	99
25) 2-Butanone	7.471	43	299197	85.476	ug/l	95
26) 2,2-Dichloropropane	7.477	77	104038	16.438	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	81207	18.224	ug/l	96
28) Bromochloromethane	7.794	49	68210	19.133	ug/l	92
29) Tetrahydrofuran	7.830	42	191283	84.913	ug/l	95
30) Chloroform	7.947	83	135256	17.970	ug/l	95
31) Cyclohexane	8.236	56	105590	17.176	ug/l	93
32) 1,1,1-Trichloroethane	8.153	97	114156	17.896	ug/l	97
36) 1,1-Dichloropropene	8.353	75	85663	16.878	ug/l	98
37) Ethyl Acetate	7.547	43	121022	17.450	ug/l	97
38) Carbon Tetrachloride	8.341	117	94616	18.882	ug/l	88
39) Methylcyclohexane	9.583	83	96213	17.219	ug/l	93
40) Benzene	8.588	78	285332	18.330	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	62780	17.475	ug/l	98
42) 1,2-Dichloroethane	8.653	62	107350	17.946	ug/l	98
43) Isopropyl Acetate	8.677	43	186035	17.181	ug/l	97
44) Trichloroethene	9.330	130	63348	17.824	ug/l	91
45) 1,2-Dichloropropane	9.600	63	72452	17.657	ug/l	96
46) Dibromomethane	9.688	93	52701	18.049	ug/l	93
47) Bromodichloromethane	9.871	83	110995	18.548	ug/l #	94
48) Methyl methacrylate	9.665	41	86285	16.847	ug/l	96
49) 1,4-Dioxane	9.688	88	25929	390.595	ug/l #	96
51) 4-Methyl-2-Pentanone	10.424	43	601377	92.054	ug/l	100
52) Toluene	10.612	92	175995	18.237	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	110696	17.871	ug/l	94
54) cis-1,3-Dichloropropene	10.294	75	114180	17.753	ug/l	97
55) 1,1,2-Trichloroethane	11.000	97	69853	18.711	ug/l	95
56) Ethyl methacrylate	10.859	69	102978	17.260	ug/l	96
57) 1,3-Dichloropropane	11.141	76	118465	17.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	279628	86.593	ug/l	97
59) 2-Hexanone	11.177	43	370464	89.727	ug/l	96
60) Dibromochloromethane	11.341	129	79187	18.306	ug/l	98
61) 1,2-Dibromoethane	11.447	107	74690	18.974	ug/l	99
64) Tetrachloroethene	11.082	164	53187	18.169	ug/l	94
65) Chlorobenzene	11.871	112	197372	18.802	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.935	131	69111	19.832	ug/l	100
67) Ethyl Benzene	11.941	91	383296	21.089	ug/l	99
68) m/p-Xylenes	12.053	106	250904	37.642	ug/l	95
69) o-Xylene	12.376	106	118850	18.194	ug/l	94
70) Styrene	12.388	104	198215	18.112	ug/l	97
71) Bromoform	12.559	173	52749	19.736	ug/l #	97
73) Isopropylbenzene	12.676	105	309361	17.256	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.918	83	111131	18.005	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	138839	26.685	ug/l	62
77) Bromobenzene	12.959	156	76364	18.065	ug/l	95
78) n-propylbenzene	13.012	91	398115	18.028	ug/l	100
79) 2-Chlorotoluene	13.100	91	232192	17.472	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	266464	17.520	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	30158	15.345	ug/l	91
82) 4-Chlorotoluene	13.200	91	234029	16.750	ug/l	98
83) tert-Butylbenzene	13.412	119	225500	17.793	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	301921	19.831	ug/l	98
85) sec-Butylbenzene	13.588	105	326837	17.378	ug/l	99
86) p-Isopropyltoluene	13.706	119	270457	17.415	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	148711	17.864	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	154371	17.820	ug/l	98
89) n-Butylbenzene	14.035	91	256721	16.644	ug/l	98
90) Hexachloroethane	14.312	117	54428	18.395	ug/l	95
91) 1,2-Dichlorobenzene	14.088	146	144502	18.297	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	23852	16.267	ug/l	87
93) 1,2,4-Trichlorobenzene	15.370	180	86495	18.239	ug/l	99
94) Hexachlorobutadiene	15.476	225	30850	18.247	ug/l	96
95) Naphthalene	15.612	128	351479	20.924	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	82794	17.858	ug/l	96

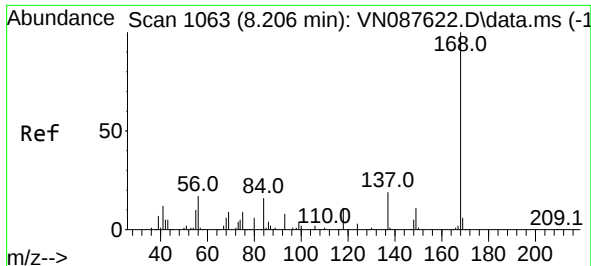
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Response via : Initial Calibration

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

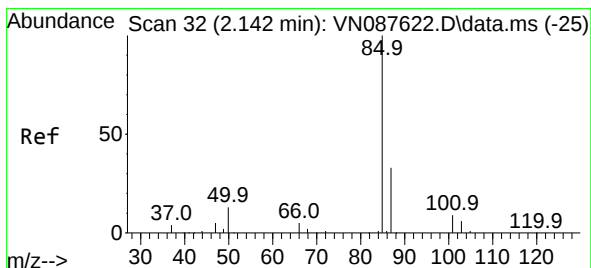
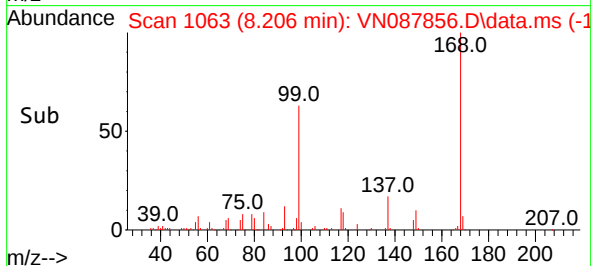
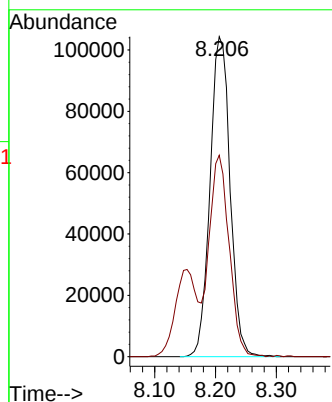
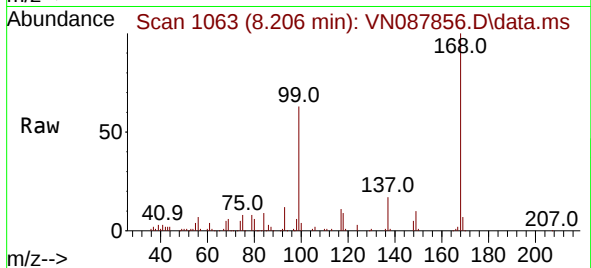
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

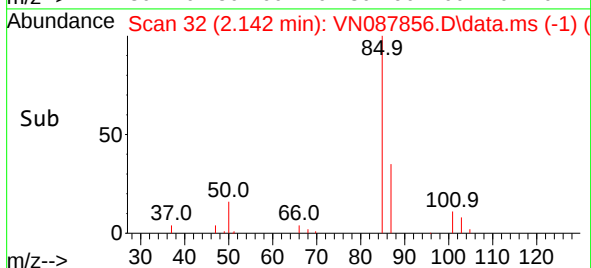
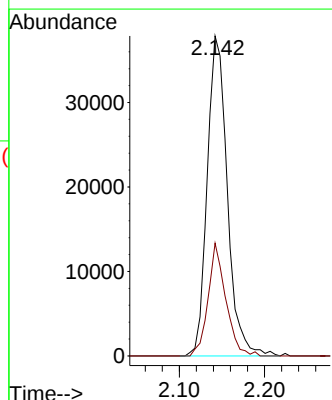
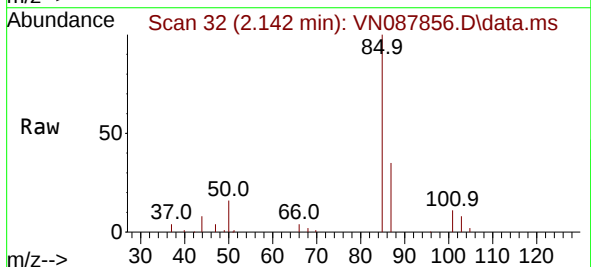
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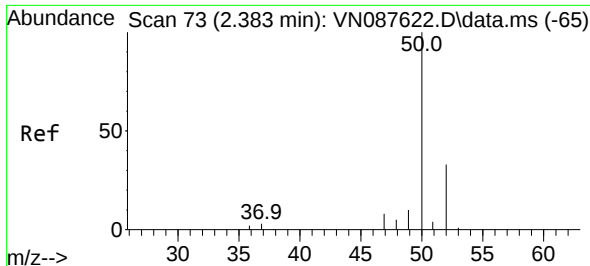
Tgt Ion:168 Resp: 238546
Ion Ratio Lower Upper
168 100
99 62.7 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 18.335 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion: 85 Resp: 62118
Ion Ratio Lower Upper
85 100
87 35.3 16.6 49.8

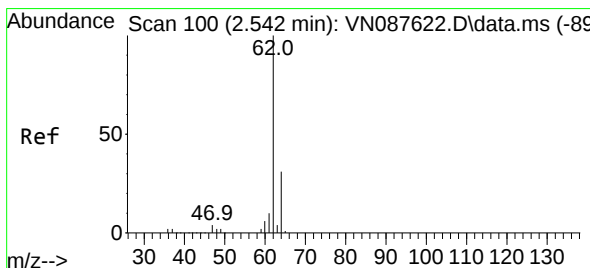
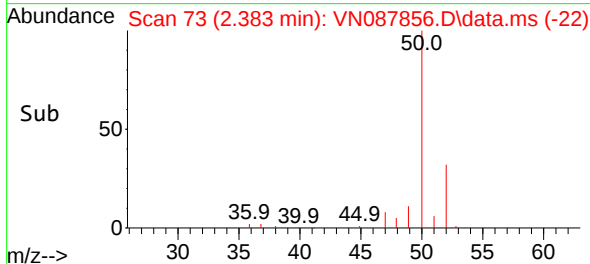
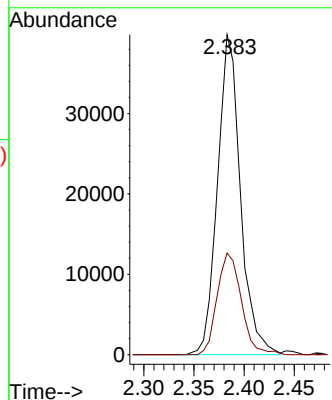
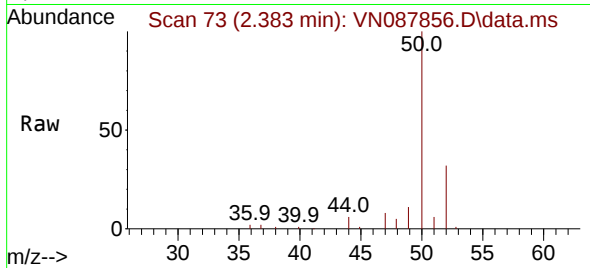




#3
Chloromethane
Concen: 18.142 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

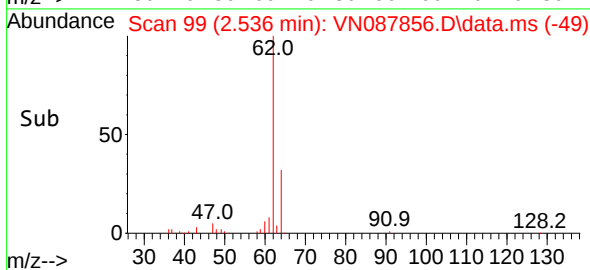
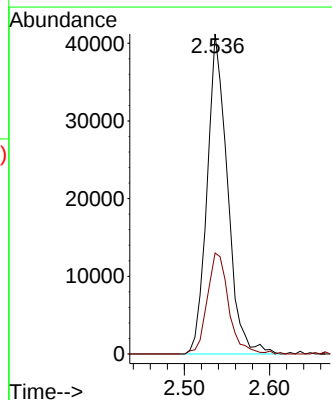
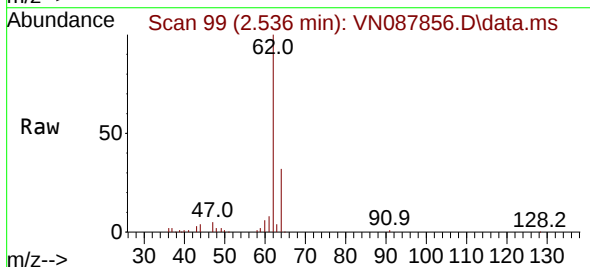
Instrument :
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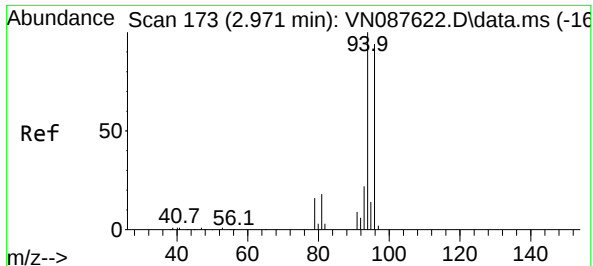
Tgt Ion: 50 Resp: 63165
Ion Ratio Lower Upper
50 100
52 31.7 26.2 39.4



#4
Vinyl Chloride
Concen: 16.937 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion: 62 Resp: 68376
Ion Ratio Lower Upper
62 100
64 31.6 24.6 37.0

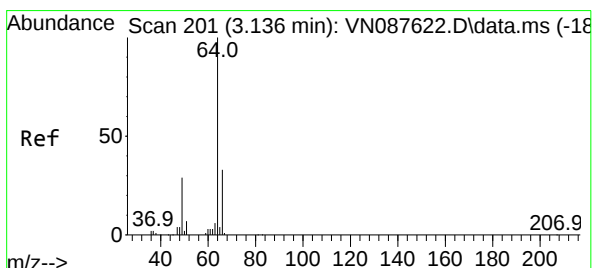
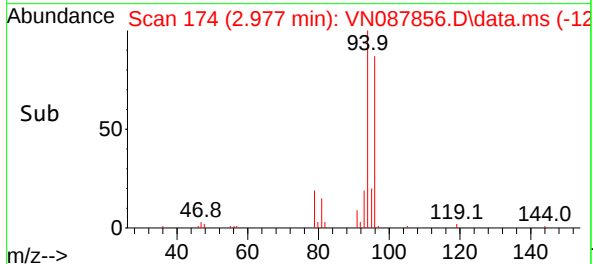
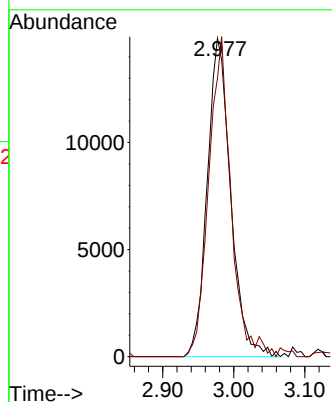
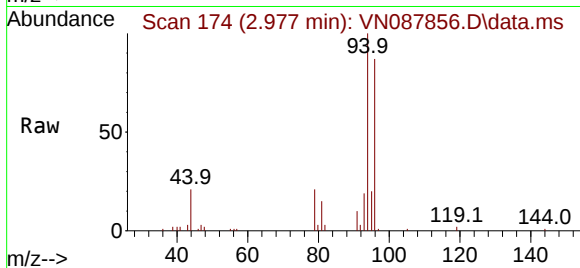




#5
Bromomethane
Concen: 16.383 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

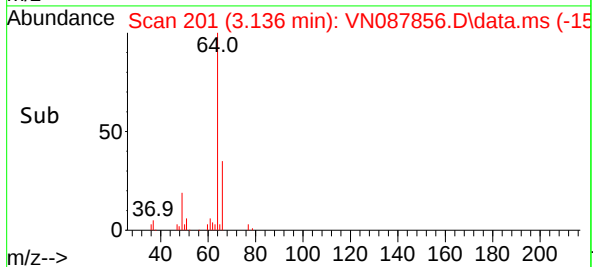
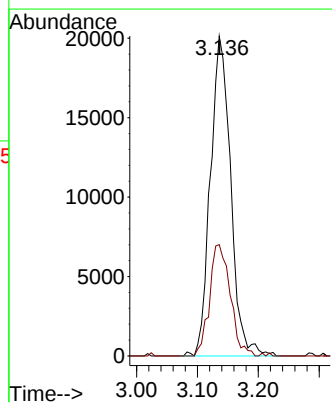
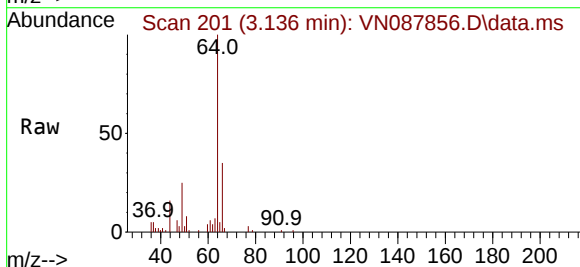
Instrument :
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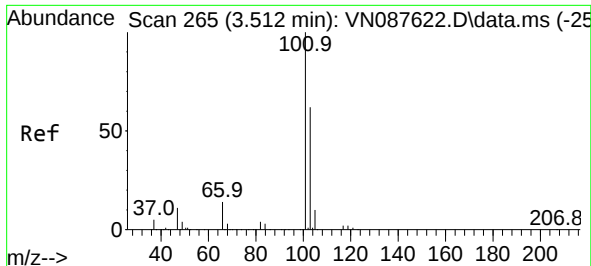
Tgt Ion: 94 Resp: 34127
Ion Ratio Lower Upper
94 100
96 87.4 75.4 113.2



#6
Chloroethane
Concen: 16.437 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion: 64 Resp: 46639
Ion Ratio Lower Upper
64 100
66 34.8 26.2 39.2

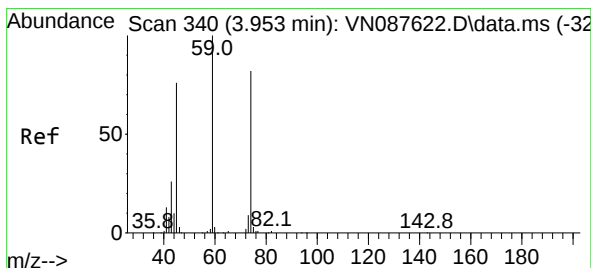
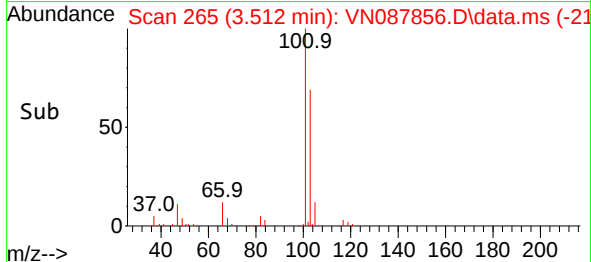
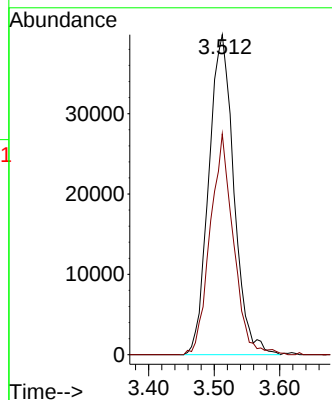
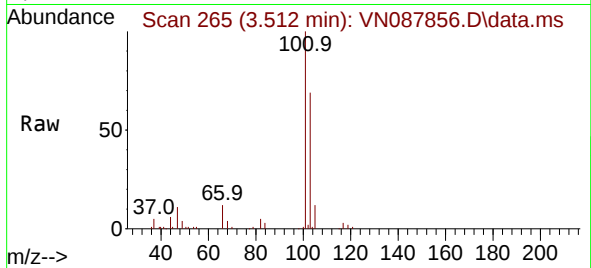




#7
 Trichlorofluoromethane
 Concen: 17.916 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087856.D
 Acq: 16 Sep 2025 17:32

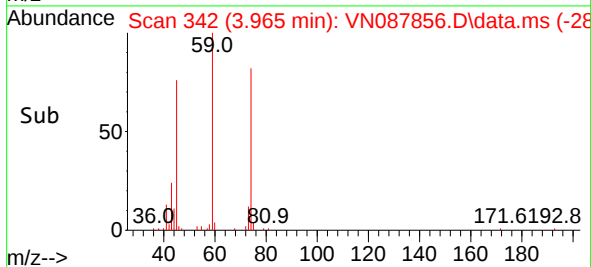
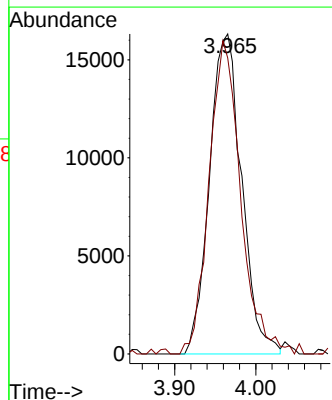
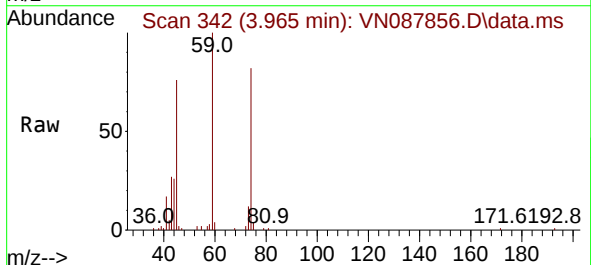
Instrument :
 MSVOA_N
 ClientSampleId :

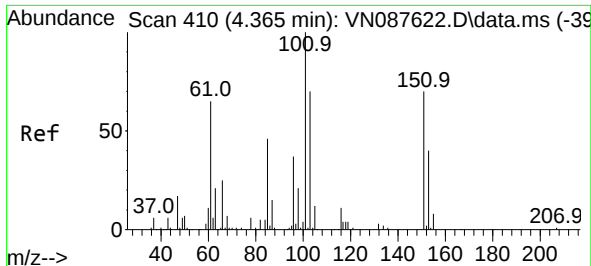
Tgt Ion:101 Resp: 105967
 Ion Ratio Lower Upper
 101 100
 103 69.0 49.4 74.0



#8
 Diethyl Ether
 Concen: 17.439 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN087856.D
 Acq: 16 Sep 2025 17:32

Tgt Ion: 74 Resp: 44922
 Ion Ratio Lower Upper
 74 100
 45 96.2 50.6 151.9

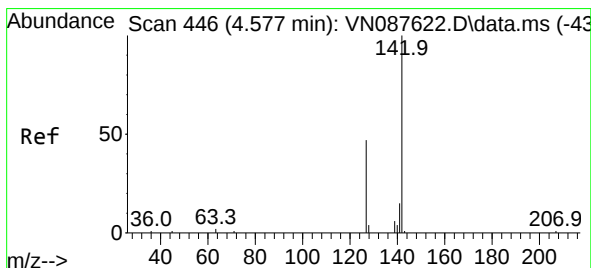
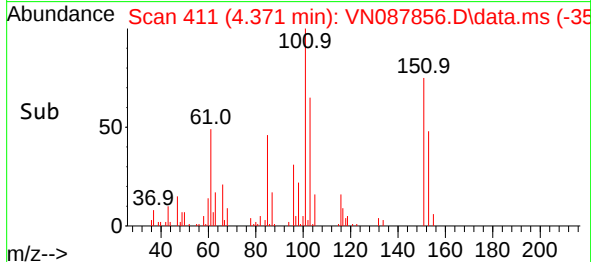
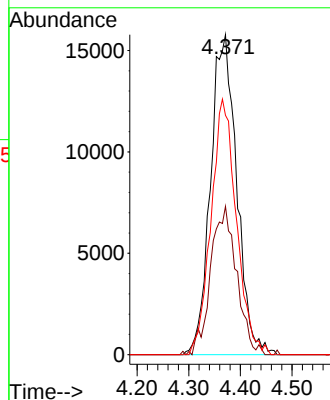
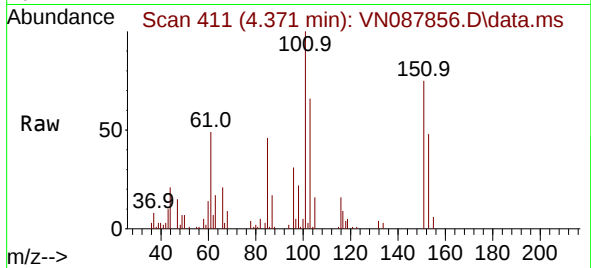




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.588 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

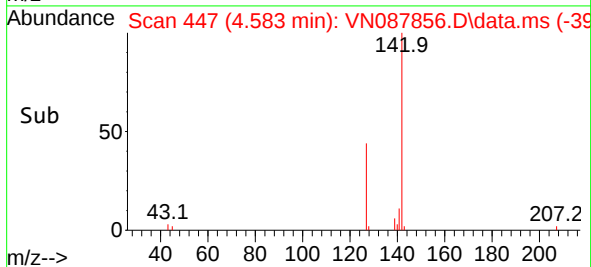
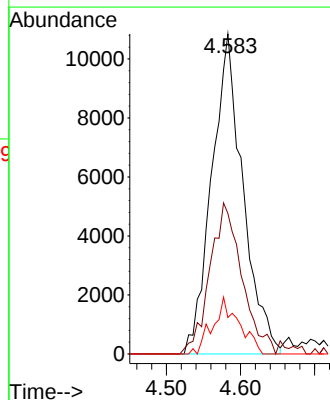
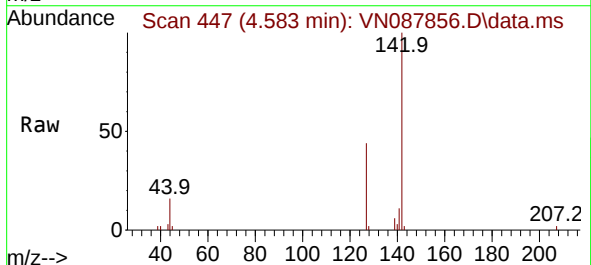
Instrument :
MSVOA_N
ClientSampleId :

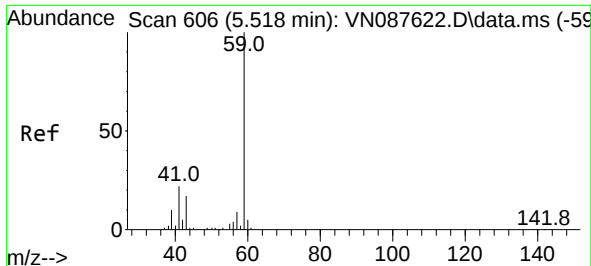
Tgt Ion:101 Resp: 55515
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 77.4 54.7 82.1



#10
Methyl Iodide
Concen: 17.776 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion:142 Resp: 31750
Ion Ratio Lower Upper
142 100
127 43.9 38.0 57.0
141 11.4 12.0 18.0#

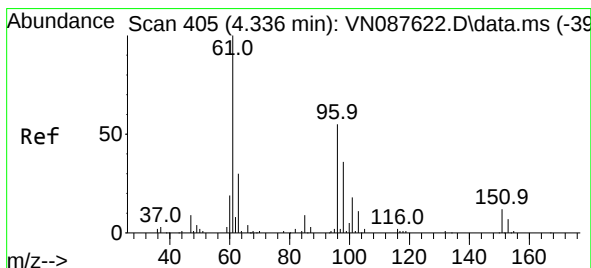
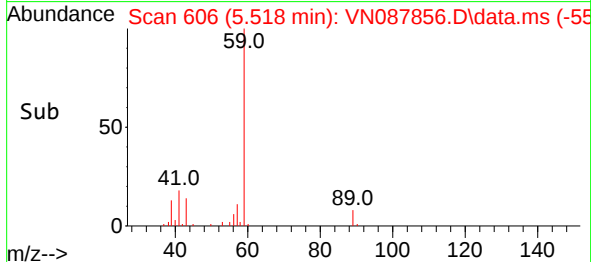
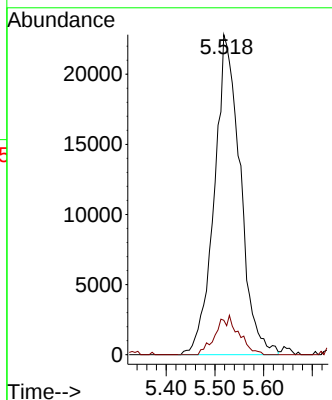
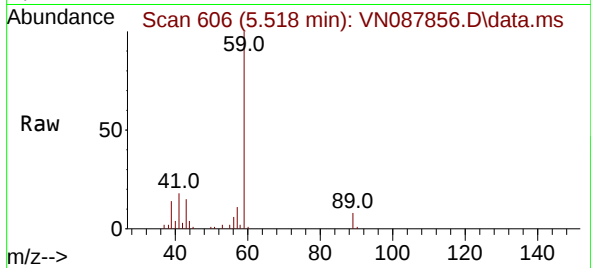




#11
Tert butyl alcohol
Concen: 99.420 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

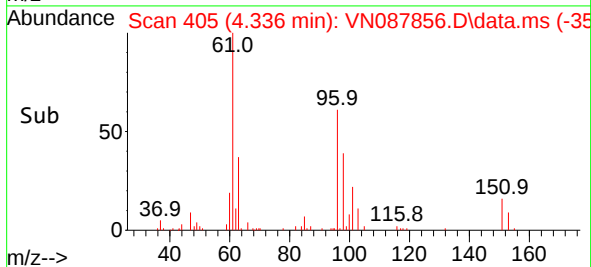
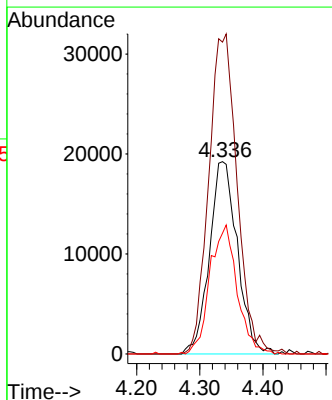
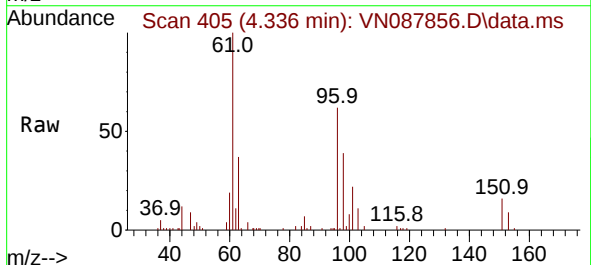
Instrument :
MSVOA_N
ClientSampleId :

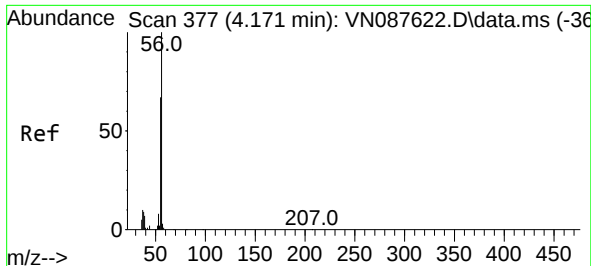
Tgt Ion: 59 Resp: 84357
Ion Ratio Lower Upper
59 100
57 5.6 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 17.188 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion: 96 Resp: 59115
Ion Ratio Lower Upper
96 100
61 162.2 143.8 215.8
98 62.9 52.1 78.1





#13

Acrolein

Concen: 63.468 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

Instrument :

MSVOA_N

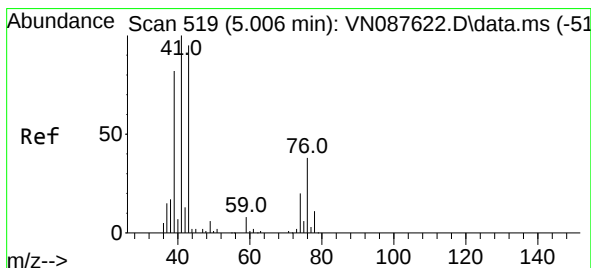
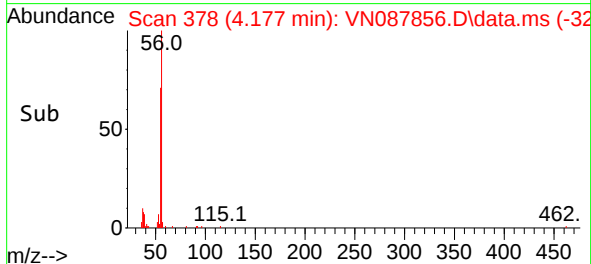
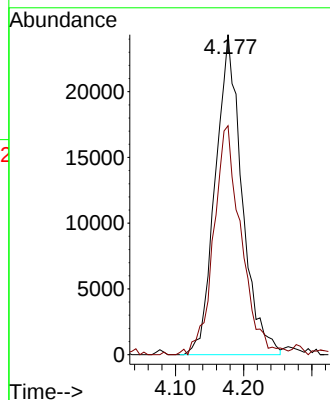
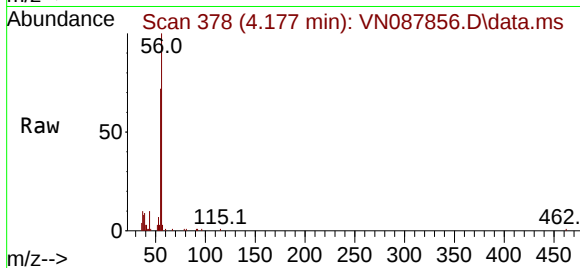
ClientSampleId :

Tgt Ion: 56 Resp: 66204

Ion Ratio Lower Upper

56 100

55 73.8 57.3 85.9



#14

Allyl chloride

Concen: 15.085 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.006 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

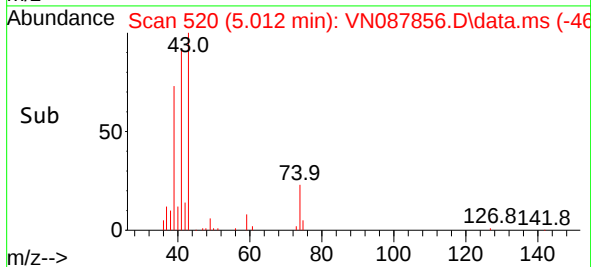
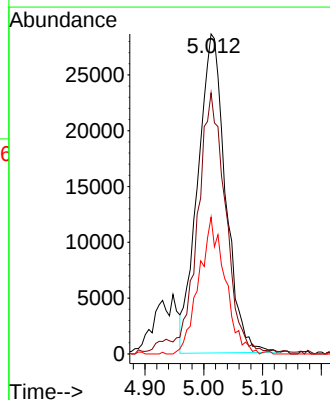
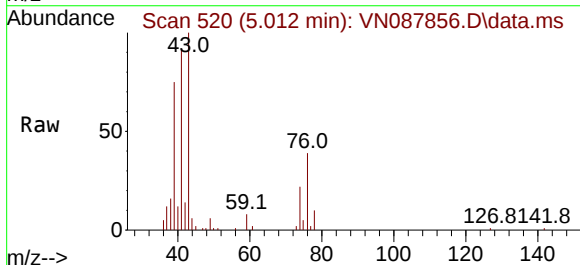
Tgt Ion: 41 Resp: 94015

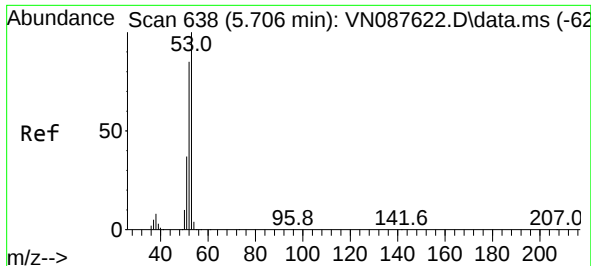
Ion Ratio Lower Upper

41 100

39 79.6 63.9 95.9

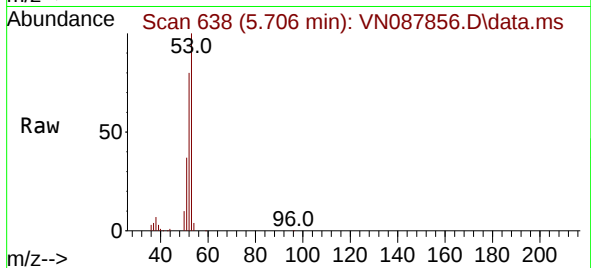
76 40.3 28.1 42.1



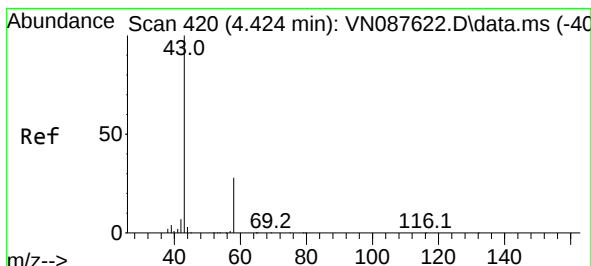
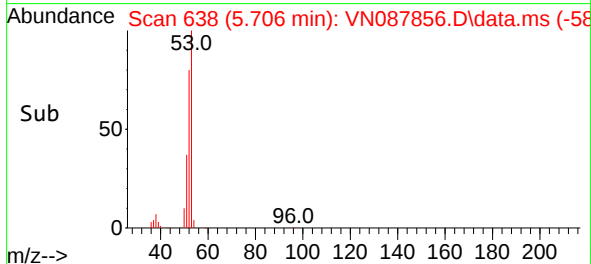
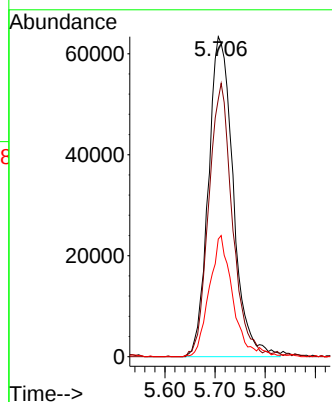


#15
Acrylonitrile
Concen: 91.181 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Instrument :
MSVOA_N
ClientSampleId :

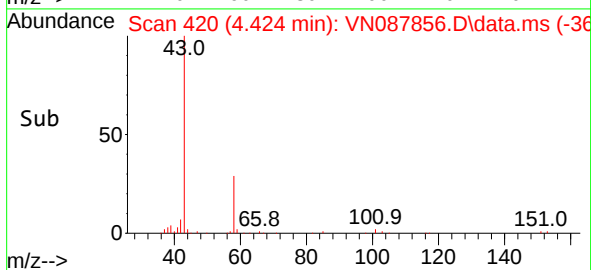
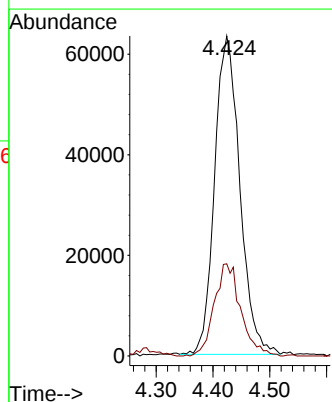
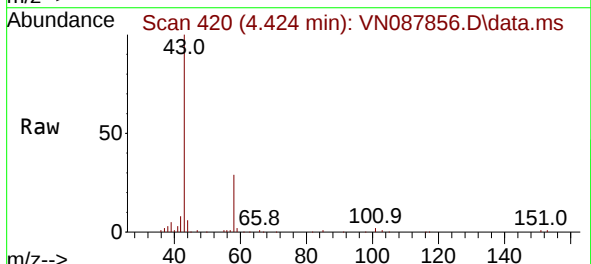


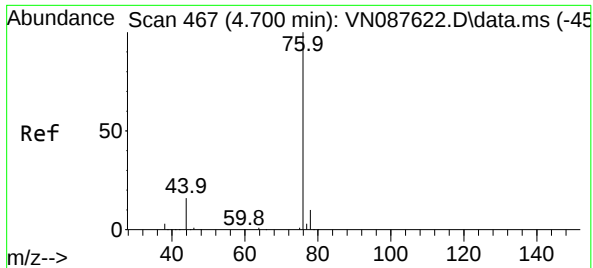
Tgt Ion: 53 Resp: 218192
Ion Ratio Lower Upper
53 100
52 81.4 67.6 101.4
51 35.0 30.1 45.1



#16
Acetone
Concen: 73.352 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion: 43 Resp: 195161
Ion Ratio Lower Upper
43 100
58 28.9 22.6 33.8

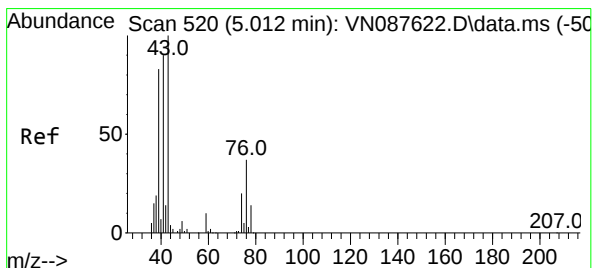
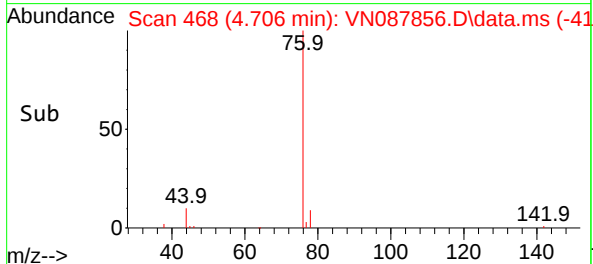
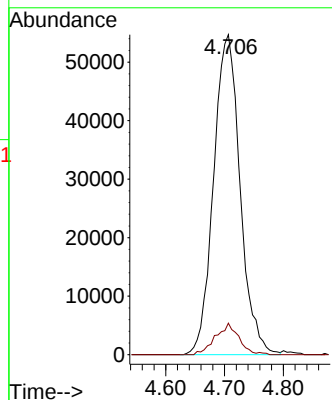
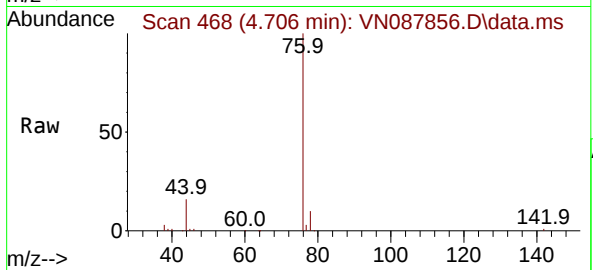




#17
Carbon Disulfide
Concen: 18.078 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

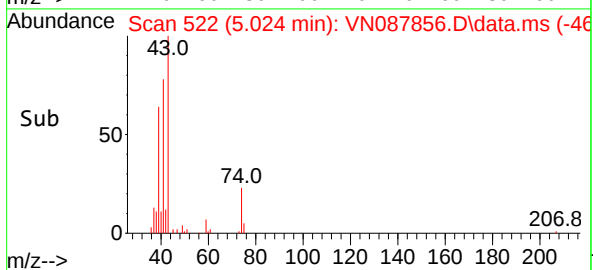
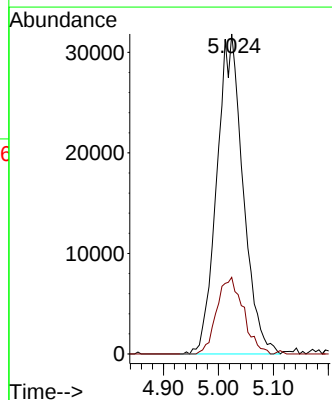
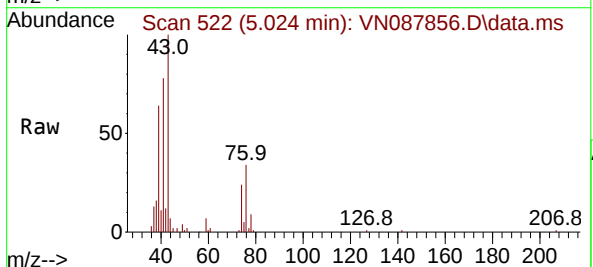
Instrument :
MSVOA_N
ClientSampleId :

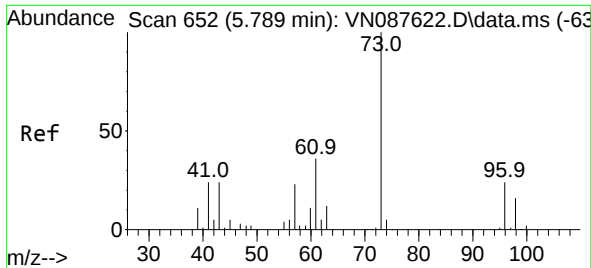
Tgt Ion: 76 Resp: 171168
Ion Ratio Lower Upper
76 100
78 9.8 7.6 11.4



#18
Methyl Acetate
Concen: 18.986 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion: 43 Resp: 105766
Ion Ratio Lower Upper
43 100
74 24.2 17.6 26.4

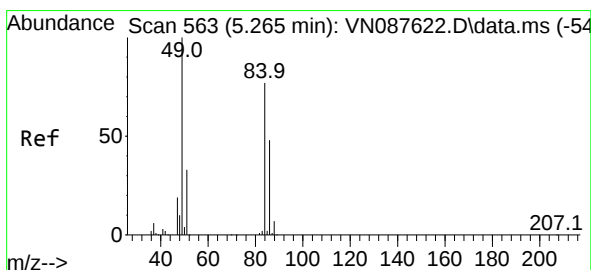
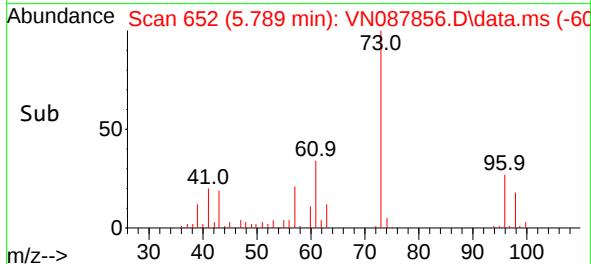
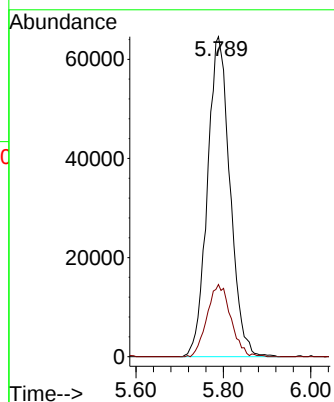
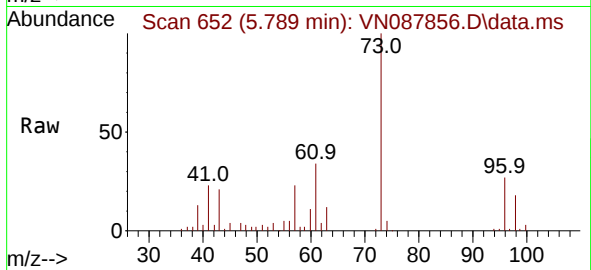




#19
Methyl tert-butyl Ether
Concen: 17.929 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

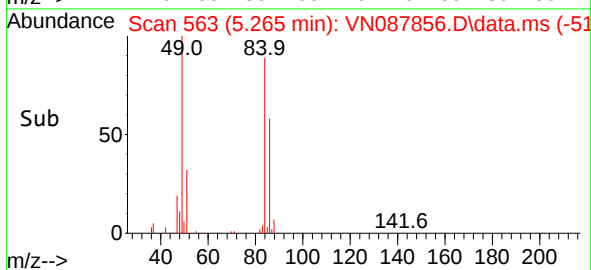
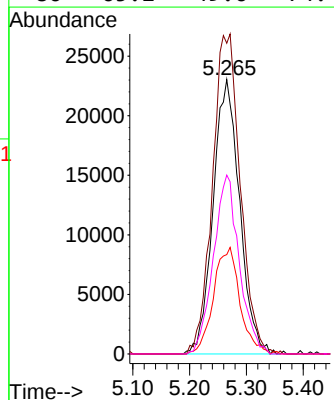
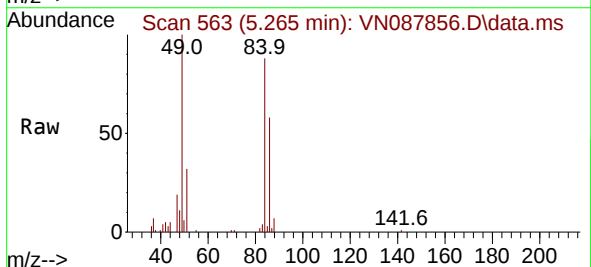
Instrument :
MSVOA_N
ClientSampleId :

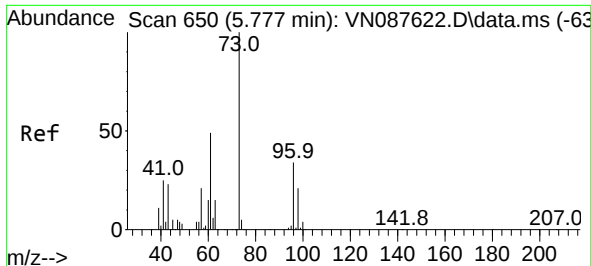
Tgt Ion: 73 Resp: 231323
Ion Ratio Lower Upper
73 100
57 22.5 18.4 27.6



#20
Methylene Chloride
Concen: 18.582 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion: 84 Resp: 74511
Ion Ratio Lower Upper
84 100
49 113.3 103.4 155.2
51 36.2 33.8 50.8
86 65.2 49.6 74.4

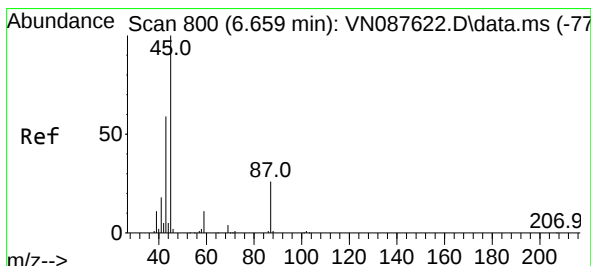
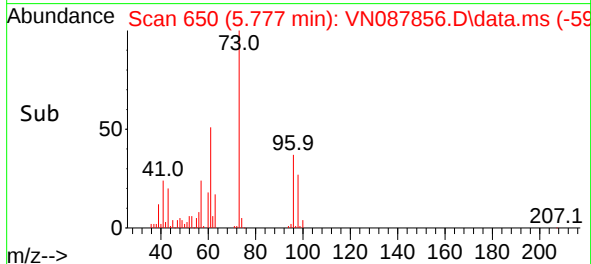
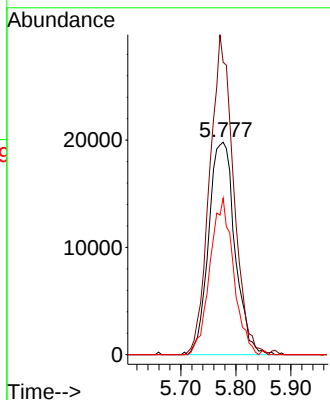
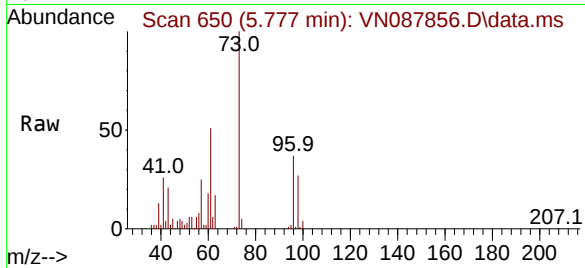




#21
trans-1,2-Dichloroethene
Concen: 17.615 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

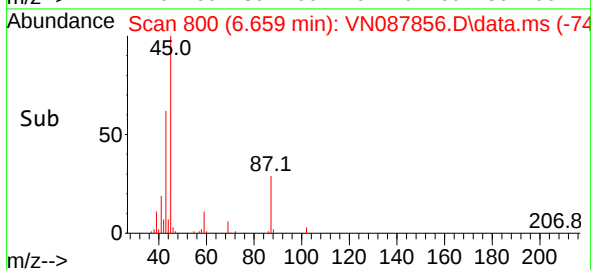
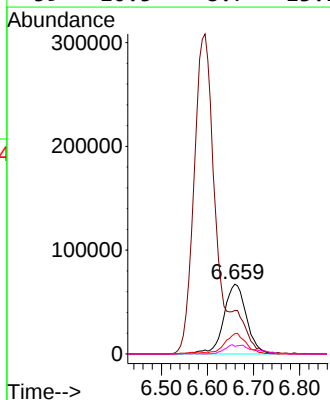
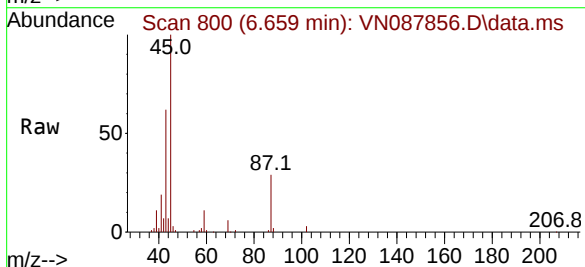
Instrument :
MSVOA_N
ClientSampleId :

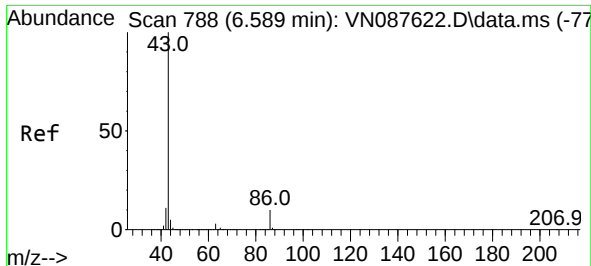
Tgt Ion: 96 Resp: 65657
Ion Ratio Lower Upper
96 100
61 137.6 118.0 177.0
98 73.6 50.0 75.0



#22
Diisopropyl ether
Concen: 17.055 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion: 45 Resp: 229384
Ion Ratio Lower Upper
45 100
43 60.3 47.7 71.5
87 29.1 21.4 32.0
59 10.5 8.7 13.1

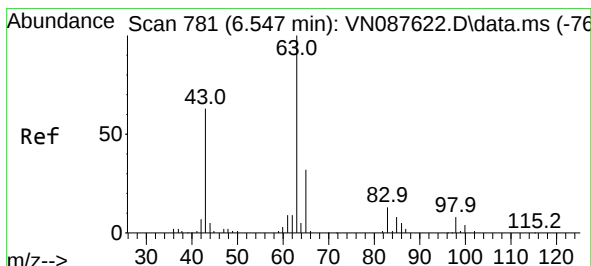
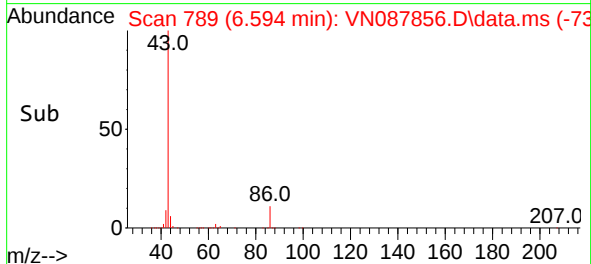
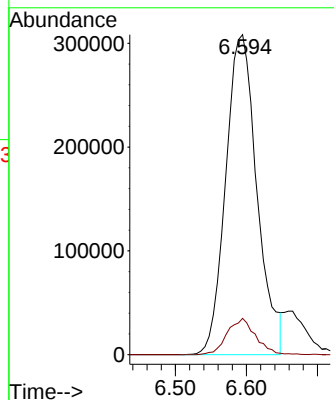
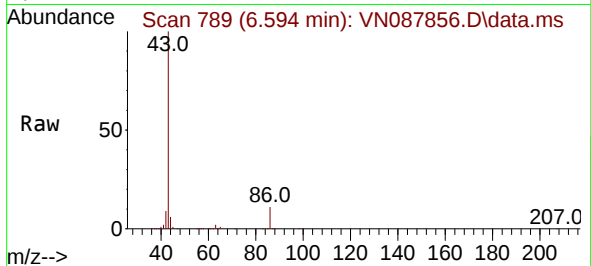




#23
 Vinyl Acetate
 Concen: 77.127 ug/l
 RT: 6.594 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN087856.D
 Acq: 16 Sep 2025 17:32

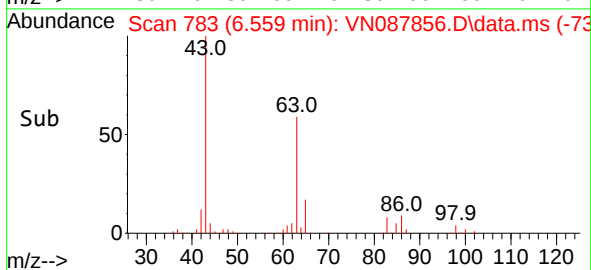
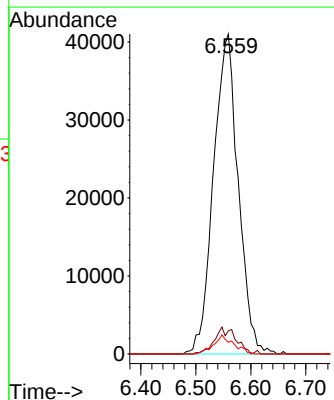
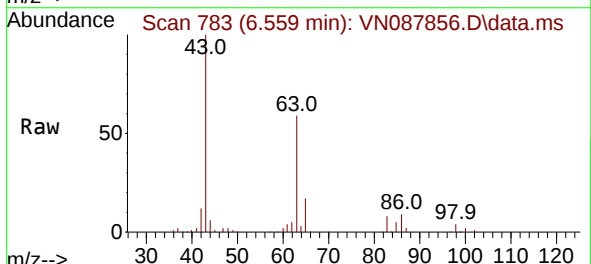
Instrument :
 MSVOA_N
 ClientSampleId :

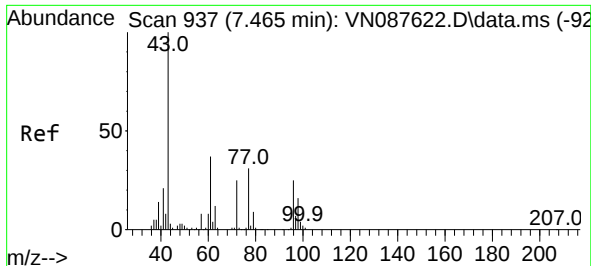
Tgt Ion: 43 Resp: 943749
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 17.382 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.012 min
 Lab File: VN087856.D
 Acq: 16 Sep 2025 17:32

Tgt Ion: 63 Resp: 128177
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 3.7 2.0 6.0

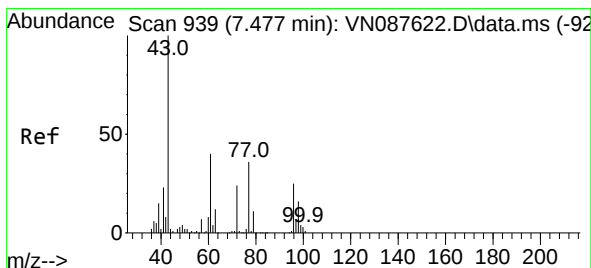
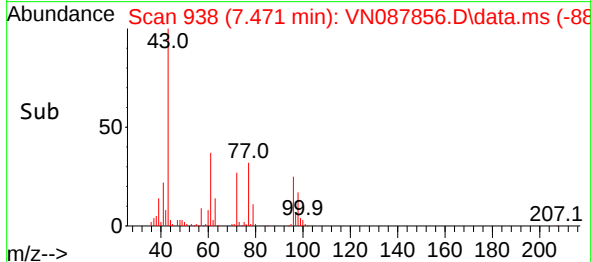
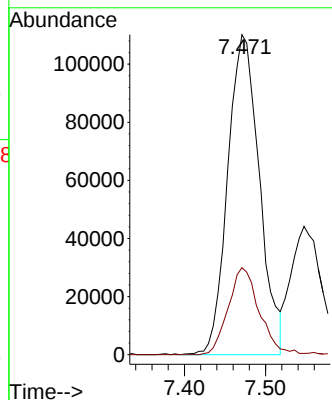
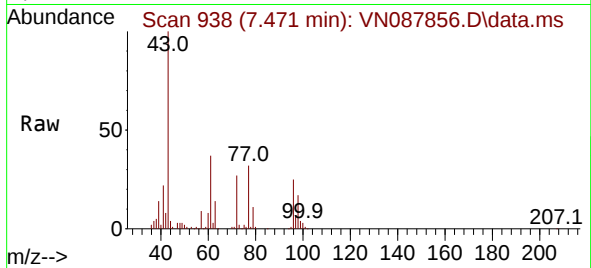




#25
2-Butanone
Concen: 85.476 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

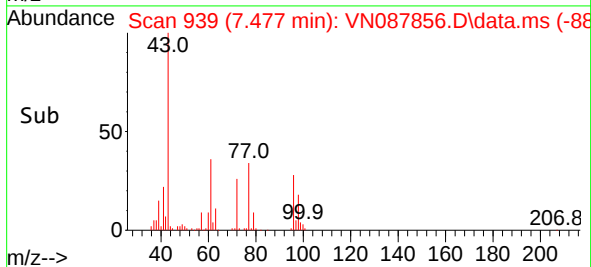
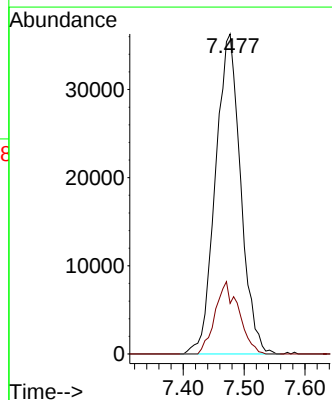
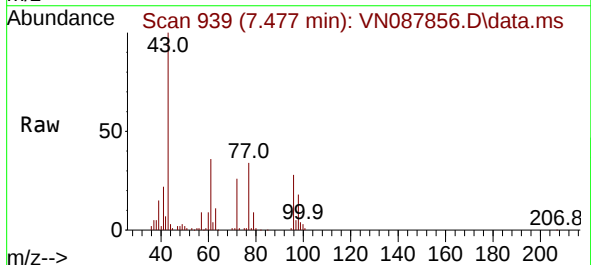
Instrument :
MSVOA_N
ClientSampleId :

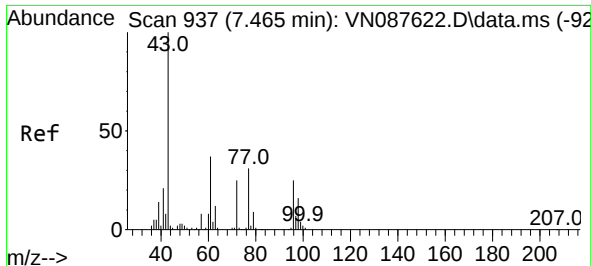
Tgt Ion: 43 Resp: 299197
Ion Ratio Lower Upper
43 100
72 27.2 19.9 29.9



#26
2,2-Dichloropropane
Concen: 16.438 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

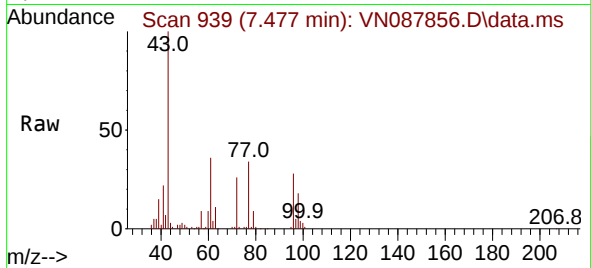
Tgt Ion: 77 Resp: 104038
Ion Ratio Lower Upper
77 100
97 21.4 10.9 32.7



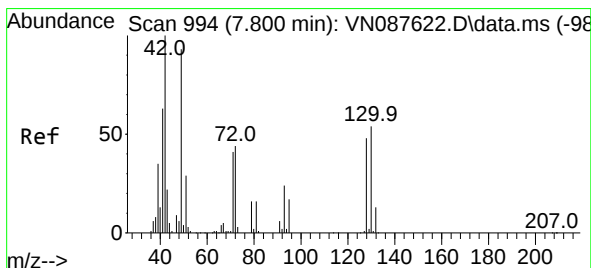
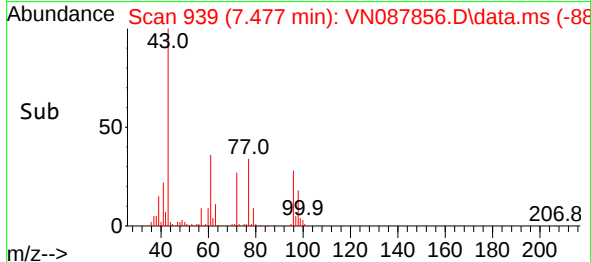
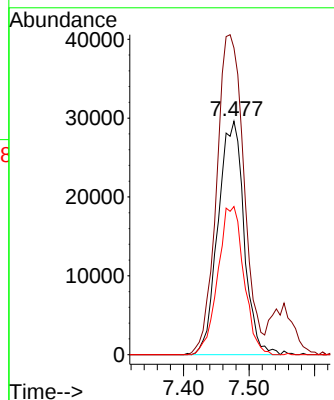


#27
 cis-1,2-Dichloroethene
 Concen: 18.224 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VN087856.D
 Acq: 16 Sep 2025 17:32

Instrument :
 MSVOA_N
 ClientSampleId :

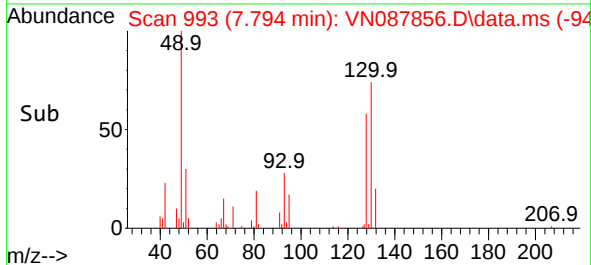
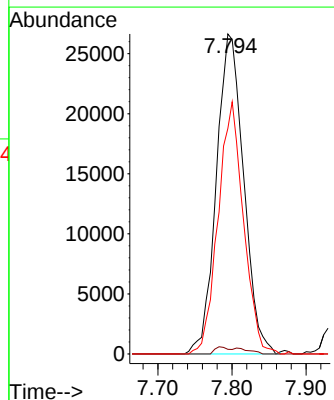
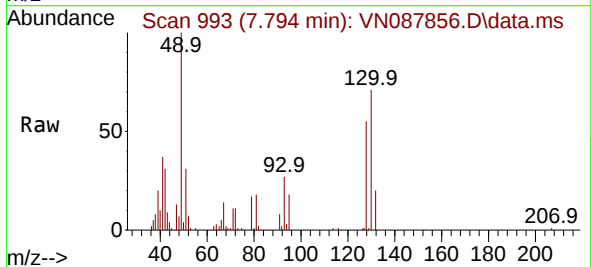


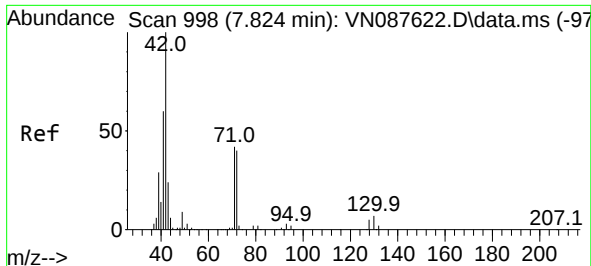
Tgt Ion: 96 Resp: 81207
 Ion Ratio Lower Upper
 96 100
 61 144.9 0.0 301.8
 98 63.6 0.0 126.2



#28
 Bromochloromethane
 Concen: 19.133 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087856.D
 Acq: 16 Sep 2025 17:32

Tgt Ion: 49 Resp: 68210
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.0
 130 73.3 53.1 79.7





#29

Tetrahydrofuran

Concen: 84.913 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

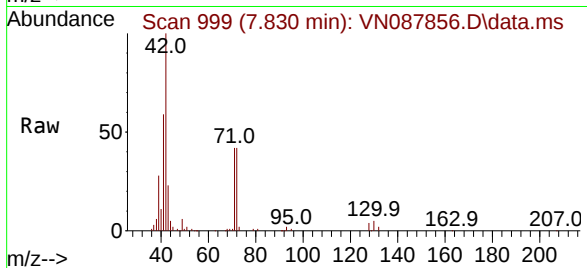
Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

Instrument :

MSVOA_N

ClientSampleId :



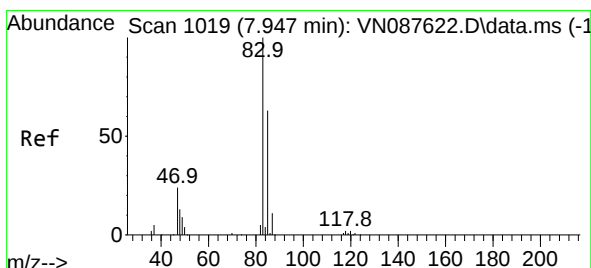
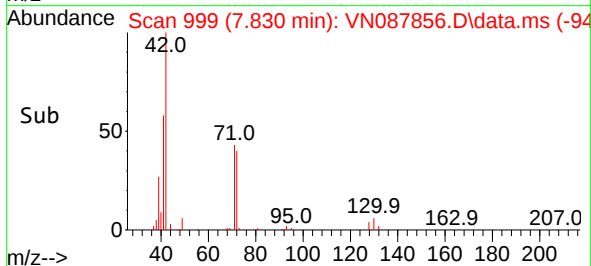
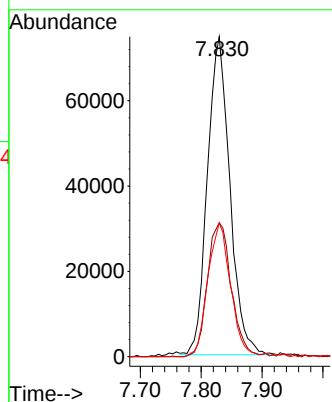
Tgt Ion: 42 Resp: 191283

Ion Ratio Lower Upper

42 100

72 44.9 33.7 50.5

71 42.8 31.9 47.9



#30

Chloroform

Concen: 17.970 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087856.D

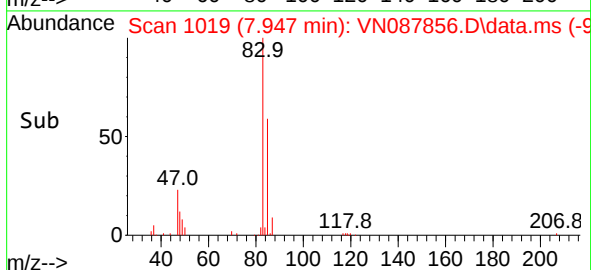
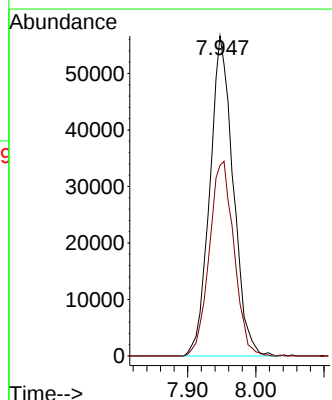
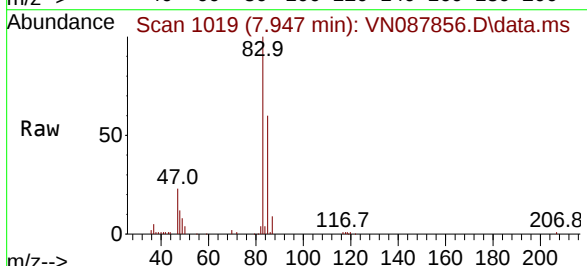
Acq: 16 Sep 2025 17:32

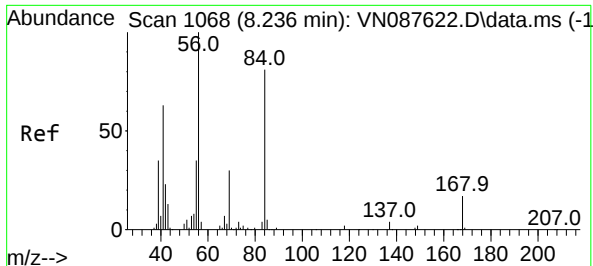
Tgt Ion: 83 Resp: 135256

Ion Ratio Lower Upper

83 100

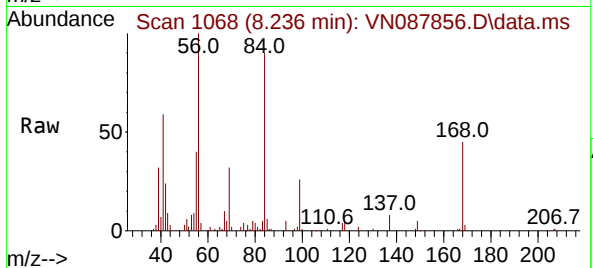
85 59.5 50.7 76.1



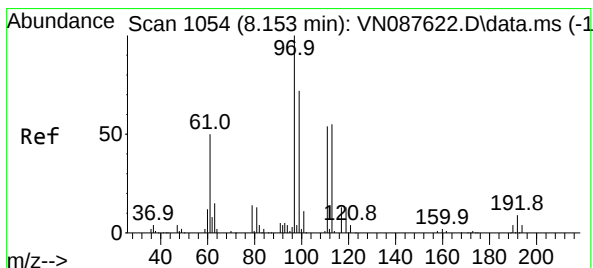
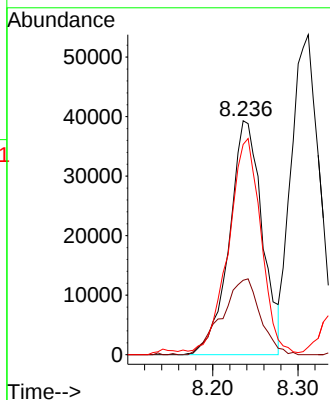
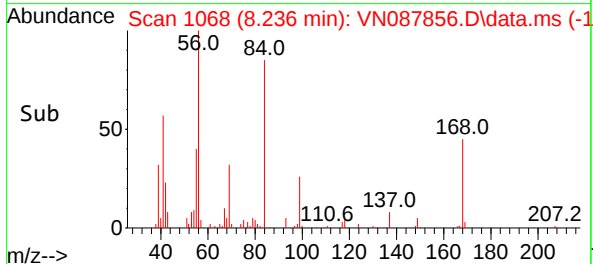


#31
Cyclohexane
Concen: 17.176 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Instrument :
MSVOA_N
ClientSampleId :

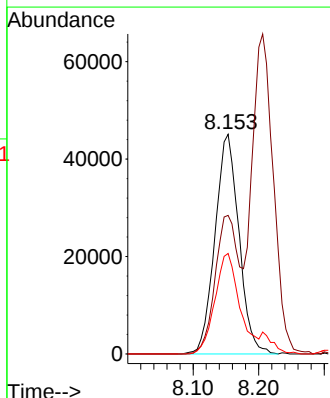
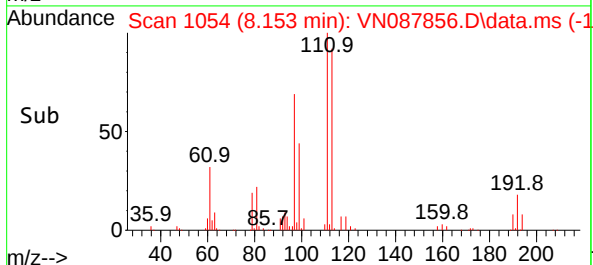
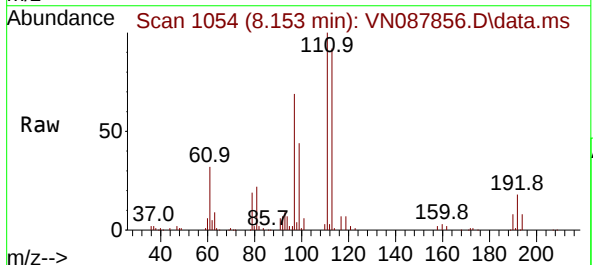


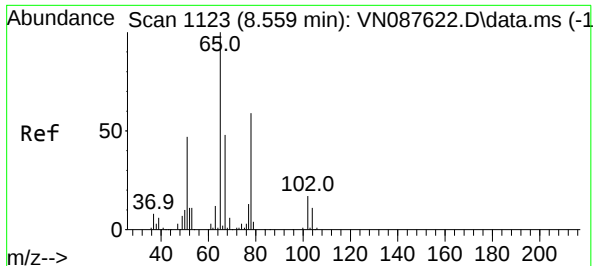
Tgt Ion: 56 Resp: 105590
Ion Ratio Lower Upper
56 100
69 31.8 23.7 35.5
84 88.5 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 17.896 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion: 97 Resp: 114156
Ion Ratio Lower Upper
97 100
99 63.8 52.2 78.2
61 47.5 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 40.390 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

Instrument :

MSVOA_N

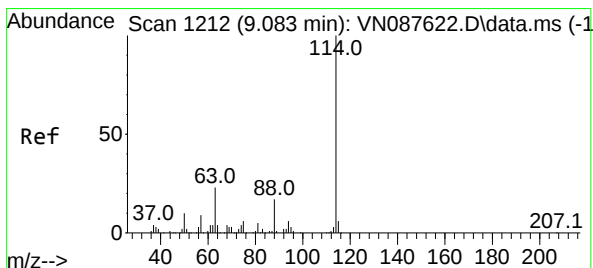
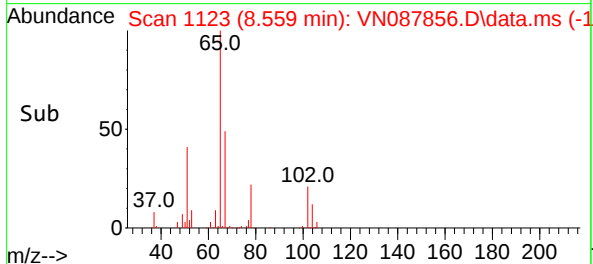
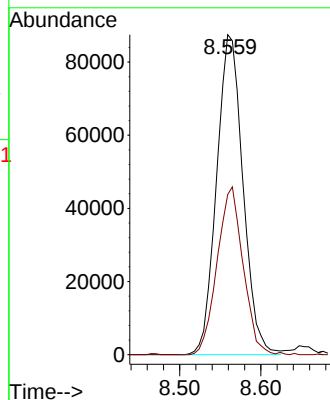
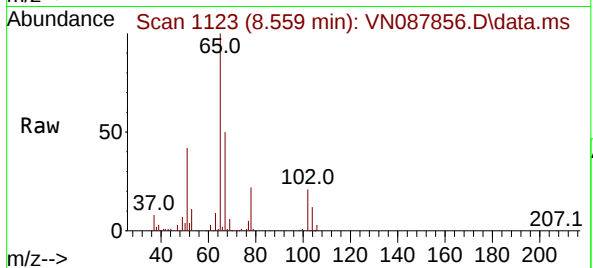
ClientSampleId :

Tgt Ion: 65 Resp: 197409

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

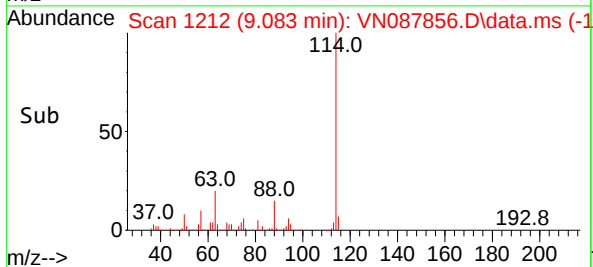
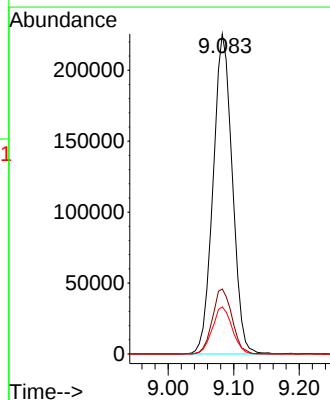
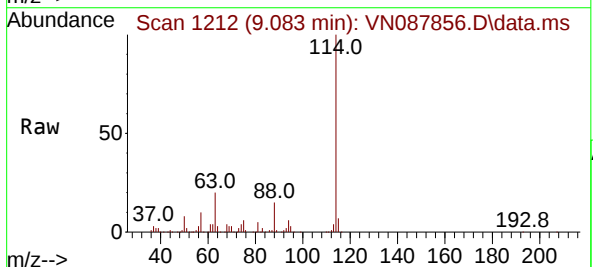
Tgt Ion: 114 Resp: 458212

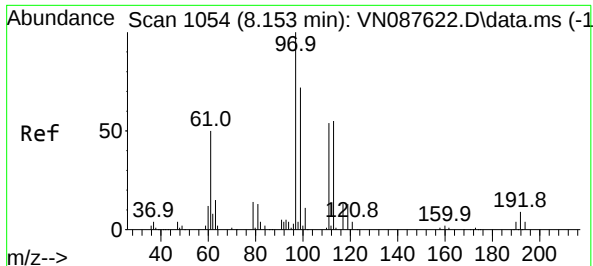
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.2

88 14.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.186 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

Instrument :

MSVOA_N

ClientSampleId :

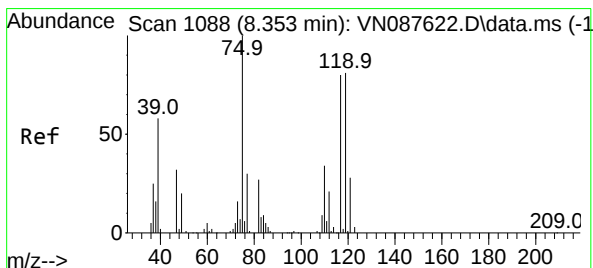
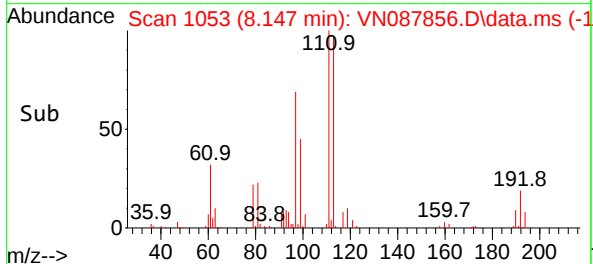
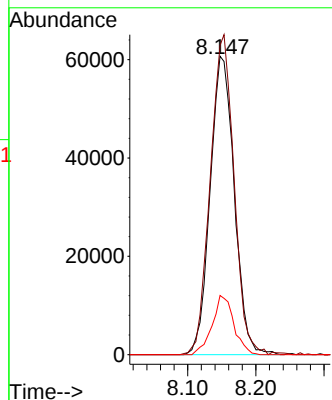
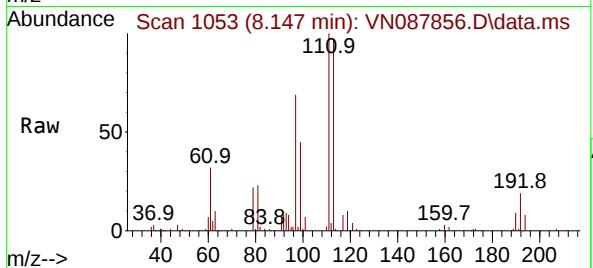
Tgt Ion:113 Resp: 149487

Ion Ratio Lower Upper

113 100

111 105.5 82.8 124.2

192 17.8 12.8 19.2



#36

1,1-Dichloropropene

Concen: 16.878 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

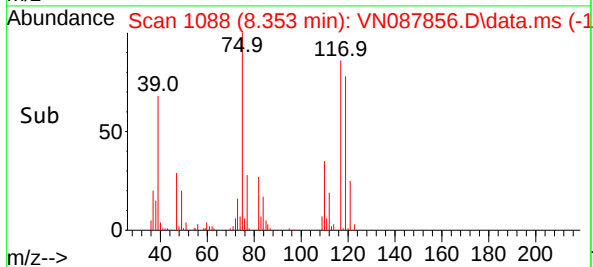
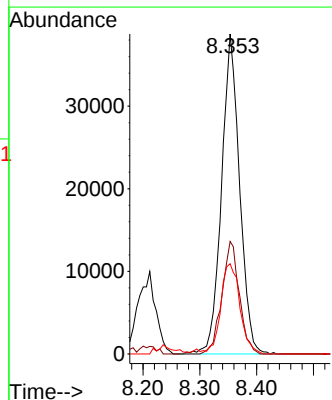
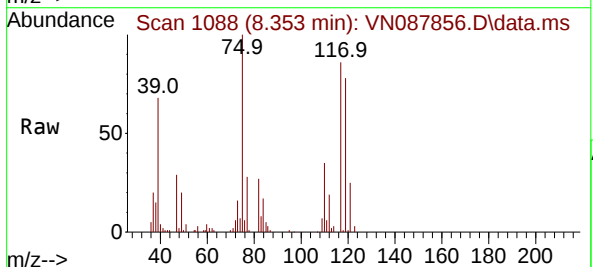
Tgt Ion: 75 Resp: 85663

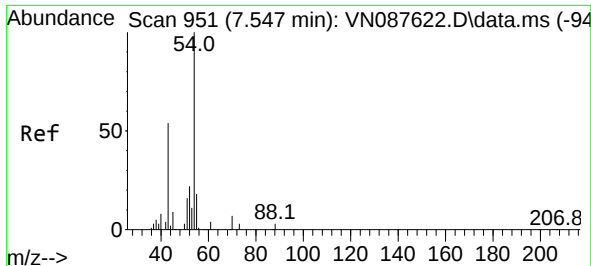
Ion Ratio Lower Upper

75 100

110 33.9 15.9 47.6

77 30.1 24.4 36.6

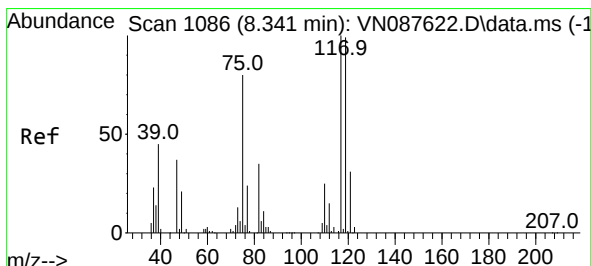
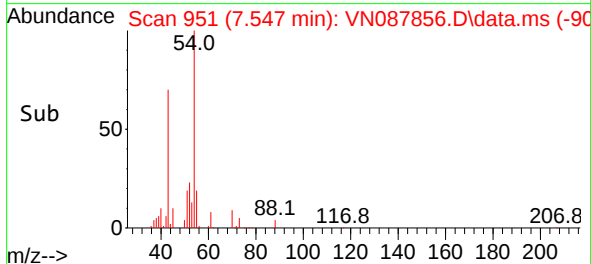
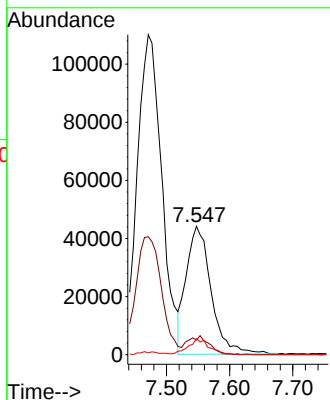
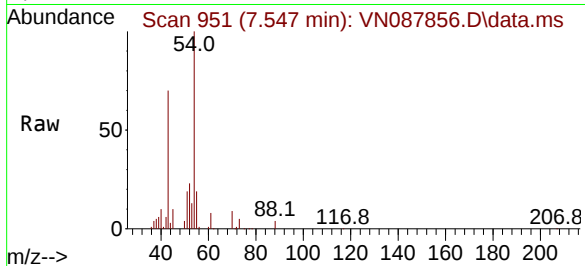




#37
Ethyl Acetate
Concen: 17.450 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

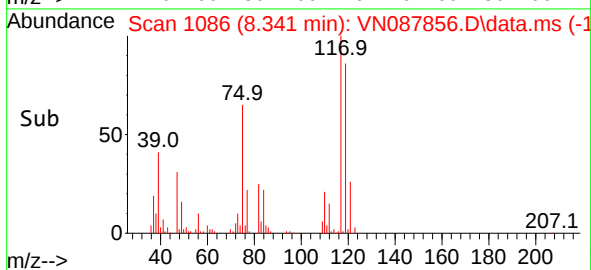
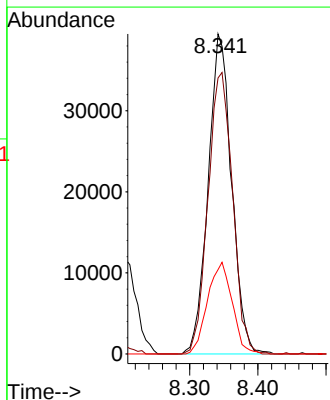
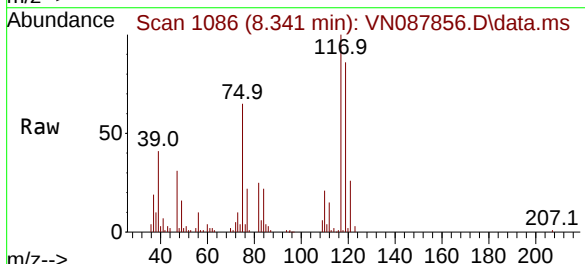
Instrument :
MSVOA_N
ClientSampleId :

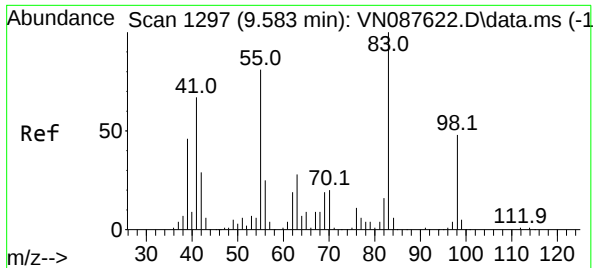
Tgt Ion: 43 Resp: 121022
Ion Ratio Lower Upper
43 100
61 12.5 9.3 13.9
70 10.3 7.0 10.6



#38
Carbon Tetrachloride
Concen: 18.882 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion: 117 Resp: 94616
Ion Ratio Lower Upper
117 100
119 86.3 79.0 118.6
121 26.4 25.0 37.6





#39

Methylcyclohexane

Concen: 17.219 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

Instrument :

MSVOA_N

ClientSampleId :

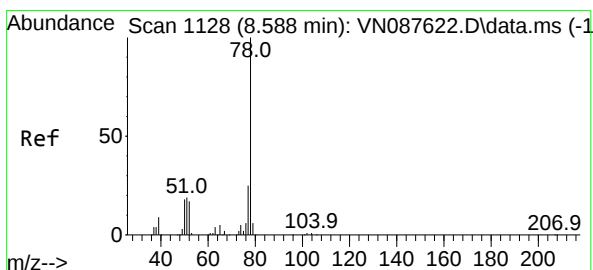
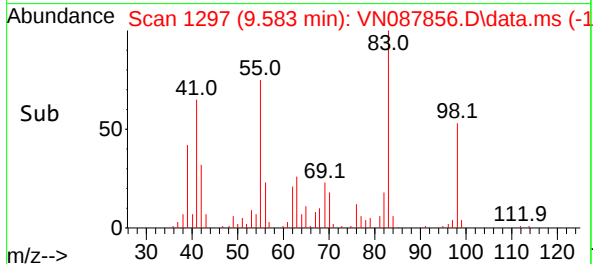
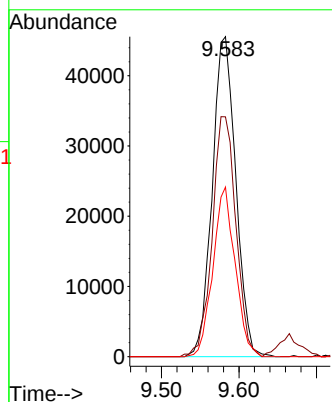
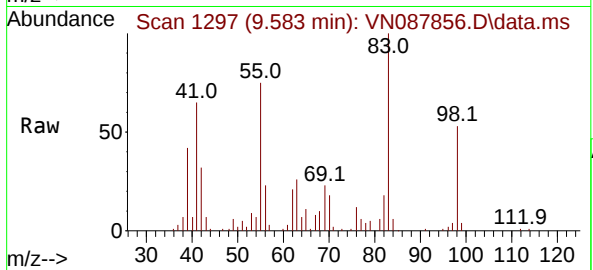
Tgt Ion: 83 Resp: 96213

Ion Ratio Lower Upper

83 100

55 74.9 64.6 96.8

98 53.0 38.4 57.6



#40

Benzene

Concen: 18.330 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN087856.D

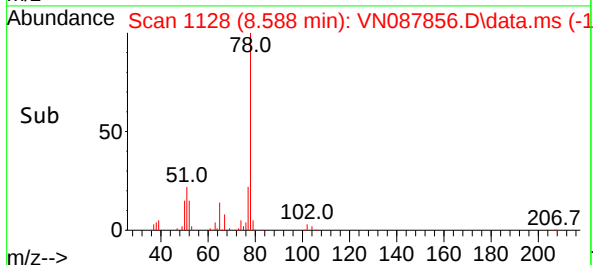
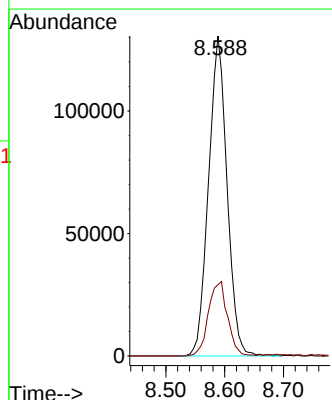
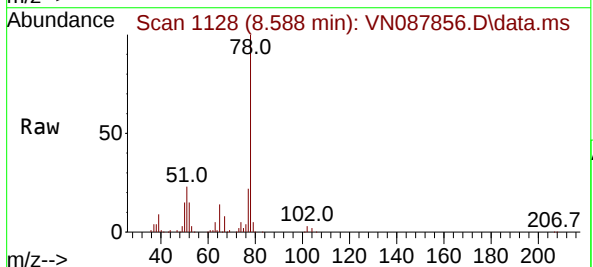
Acq: 16 Sep 2025 17:32

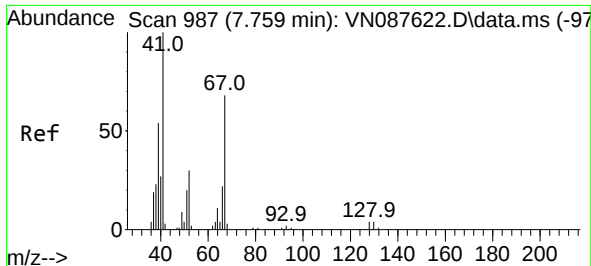
Tgt Ion: 78 Resp: 285332

Ion Ratio Lower Upper

78 100

77 22.3 19.7 29.5

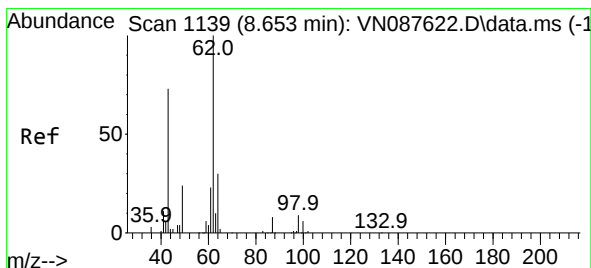
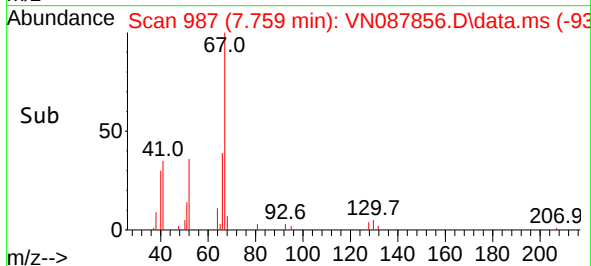
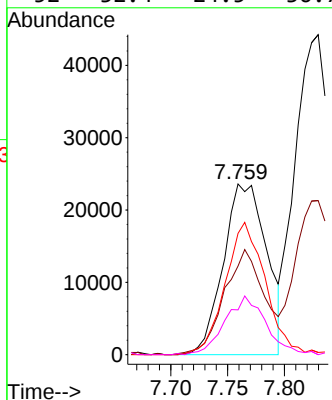
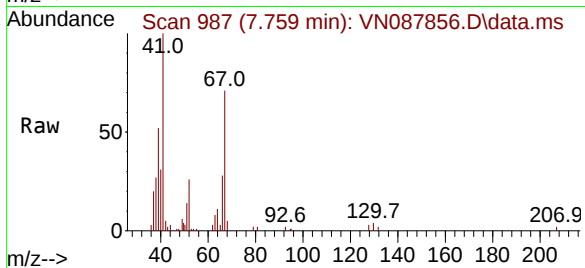




#41
Methacrylonitrile
Concen: 17.475 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

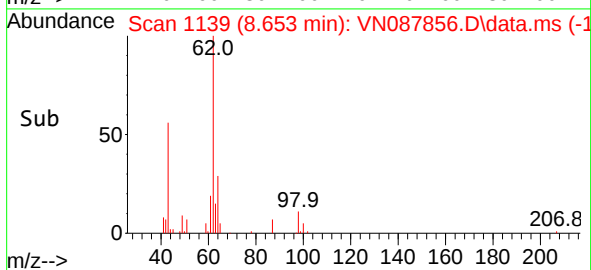
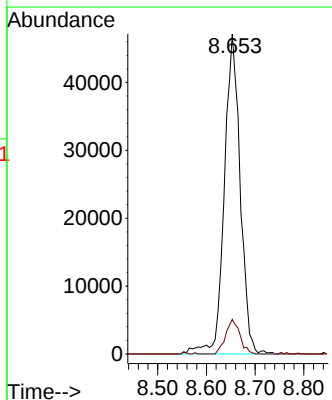
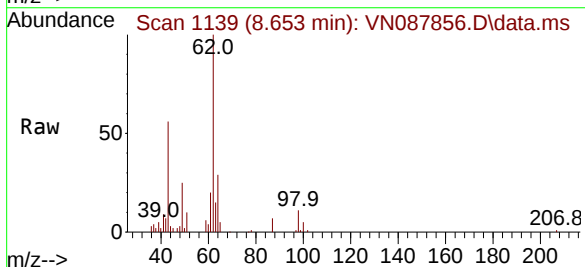
Instrument :
MSVOA_N
ClientSampleId :

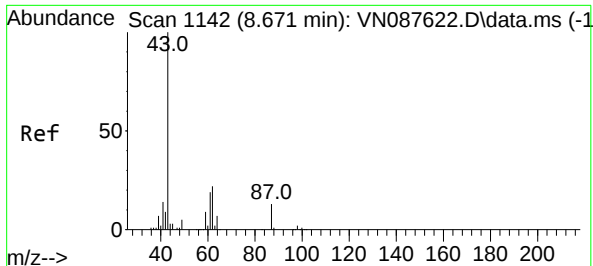
Tgt Ion:	41	Resp:	62780
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.4	68.0
67	72.1	55.3	82.9
52	32.4	24.5	36.7



#42
1,2-Dichloroethane
Concen: 17.946 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

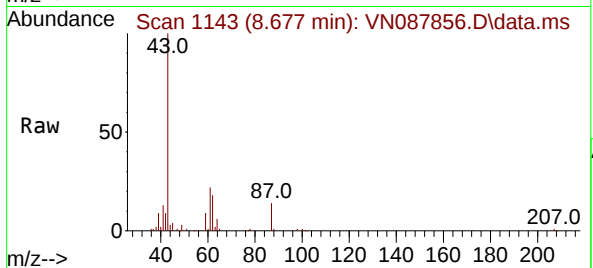
Tgt Ion:	62	Resp:	107350
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	17.4



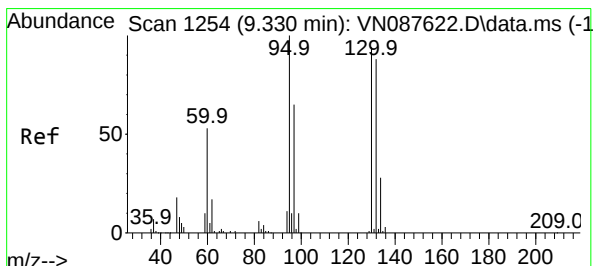
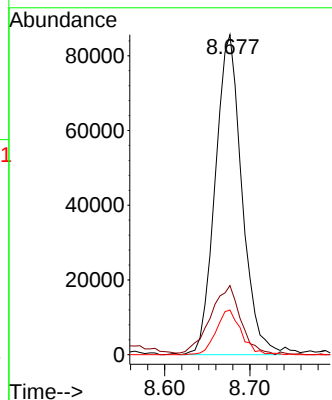
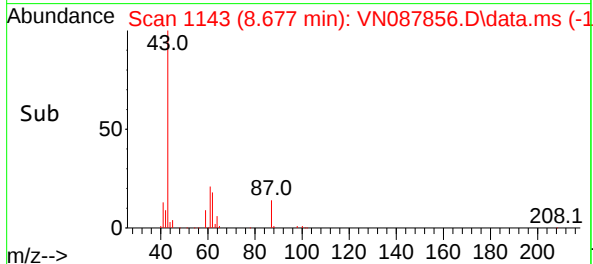


#43
Isopropyl Acetate
Concen: 17.181 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Instrument :
MSVOA_N
ClientSampleId :

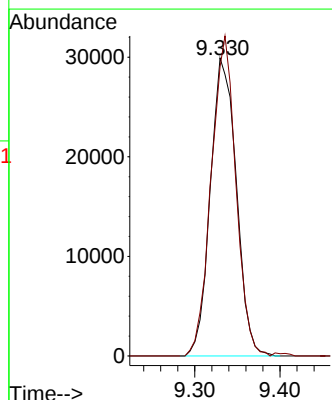
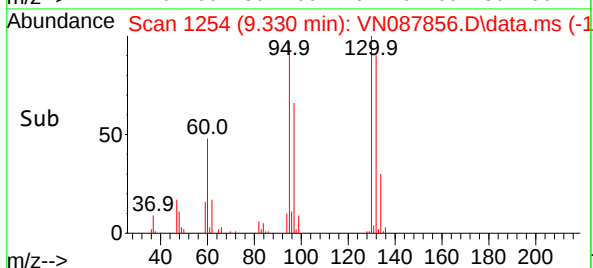
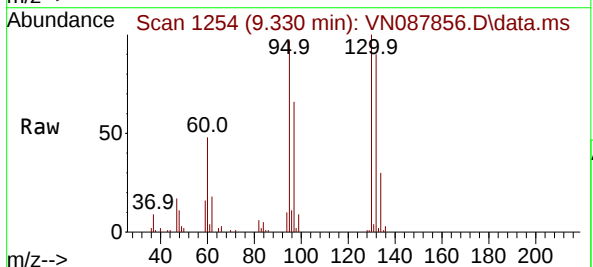


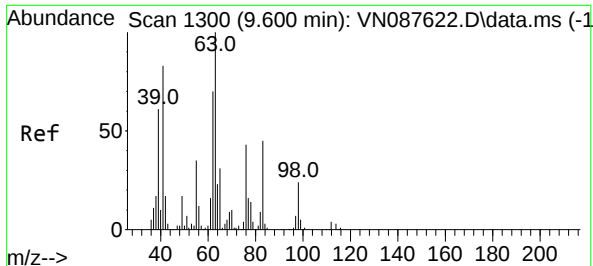
Tgt Ion: 43 Resp: 186035
Ion Ratio Lower Upper
43 100
61 24.8 18.8 28.2
87 13.2 9.6 14.4



#44
Trichloroethene
Concen: 17.824 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion:130 Resp: 63348
Ion Ratio Lower Upper
130 100
95 97.1 0.0 212.0





#45

1,2-Dichloropropane

Concen: 17.657 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

Instrument :

MSVOA_N

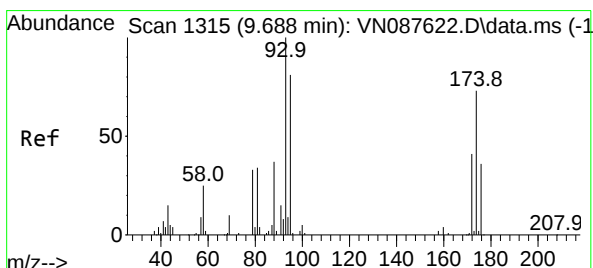
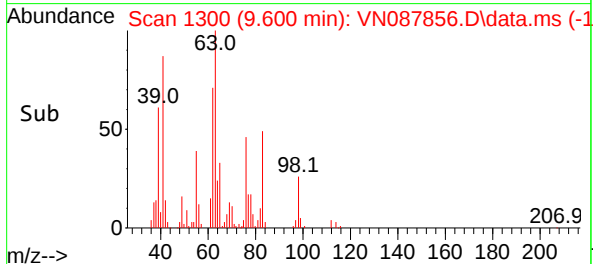
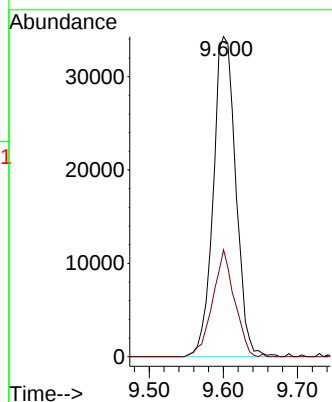
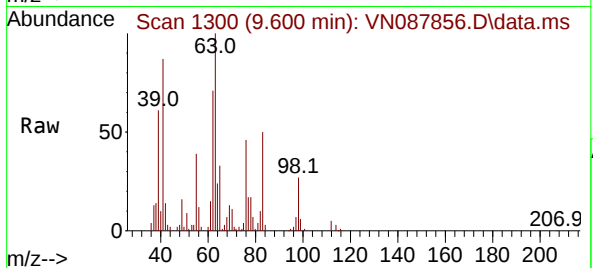
ClientSampleId :

Tgt Ion: 63 Resp: 72452

Ion Ratio Lower Upper

63 100

65 33.4 25.0 37.4



#46

Dibromomethane

Concen: 18.049 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

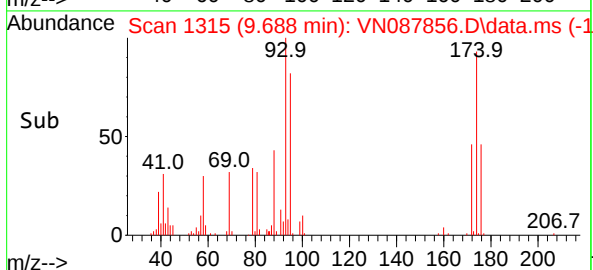
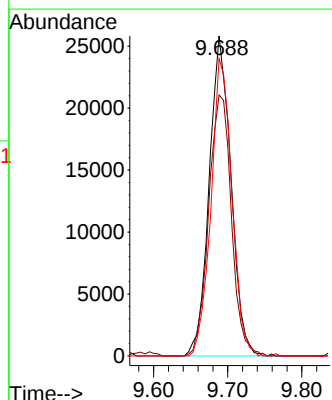
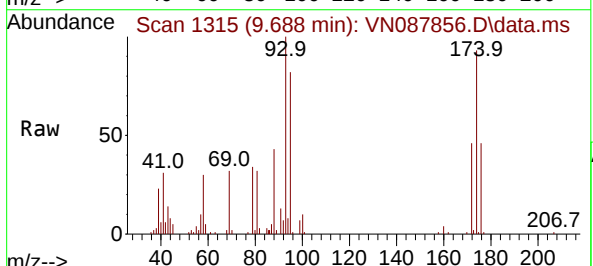
Tgt Ion: 93 Resp: 52701

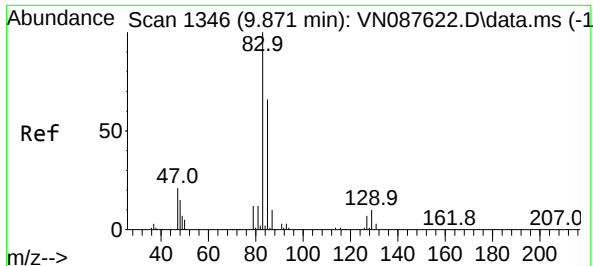
Ion Ratio Lower Upper

93 100

95 85.1 66.2 99.4

174 89.4 63.4 95.2





#47

Bromodichloromethane

Concen: 18.548 ug/l

RT: 9.871 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

Instrument :

MSVOA_N

ClientSampleId :

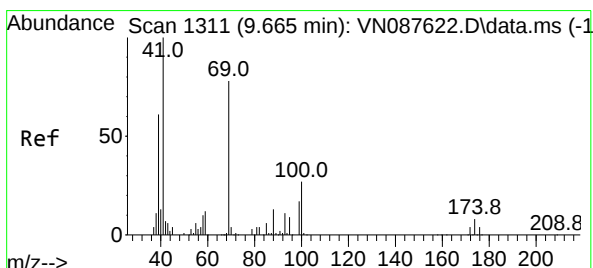
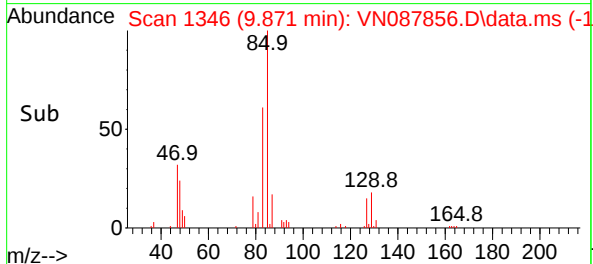
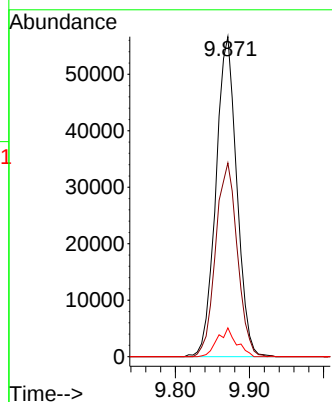
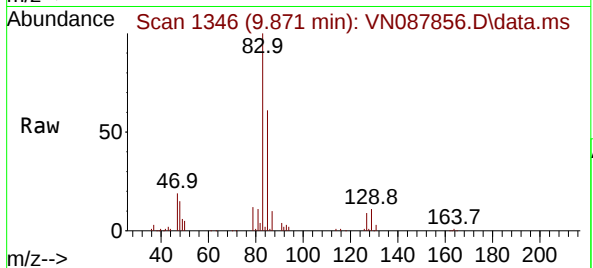
Tgt Ion: 83 Resp: 110995

Ion Ratio Lower Upper

83 100

85 60.5 52.5 78.7

127 9.0 5.8 8.6#



#48

Methyl methacrylate

Concen: 16.847 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

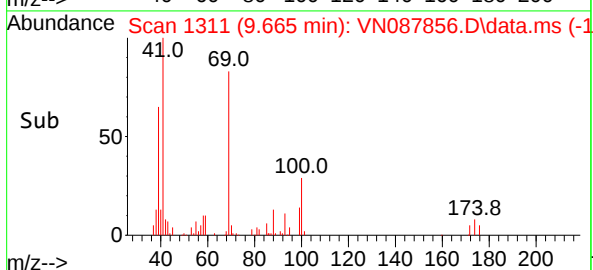
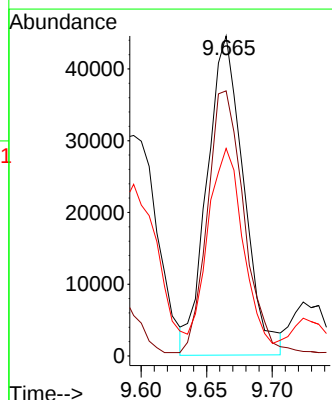
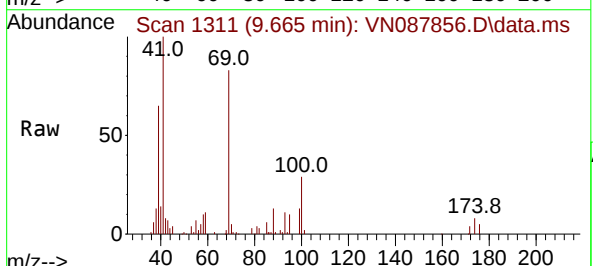
Tgt Ion: 41 Resp: 86285

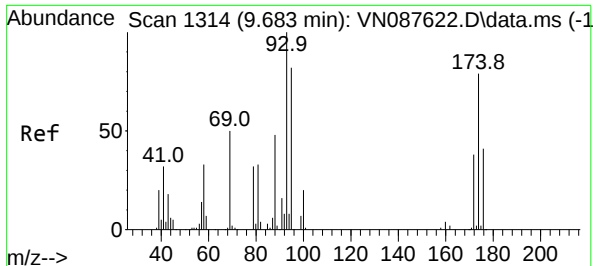
Ion Ratio Lower Upper

41 100

69 82.6 62.7 94.1

39 63.7 52.9 79.3





#49

1,4-Dioxane

Concen: 390.595 ug/l

RT: 9.688 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

Instrument :

MSVOA_N

ClientSampleId :

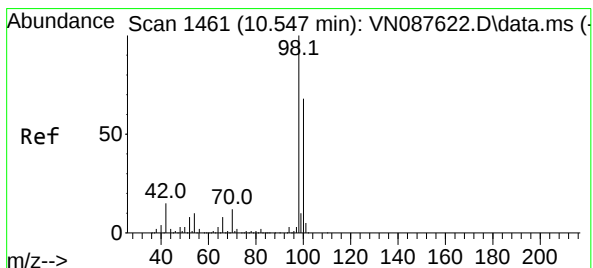
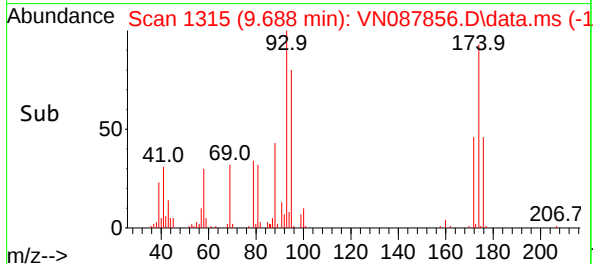
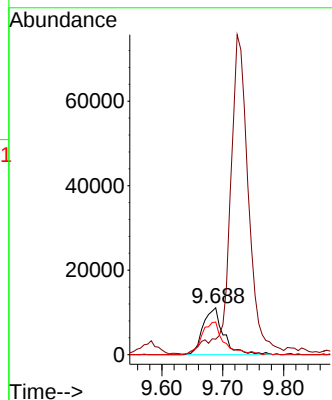
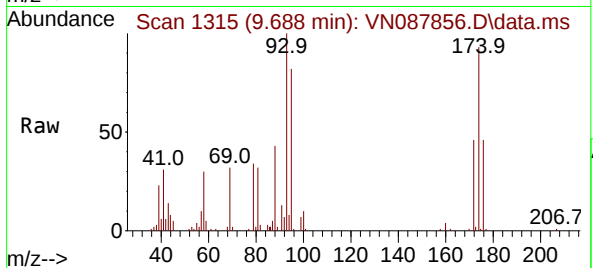
Tgt Ion: 88 Resp: 25929

Ion Ratio Lower Upper

88 100

43 18.1 0.0 0.0#

58 75.4 57.9 86.9



#50

Toluene-d8

Concen: 42.123 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087856.D

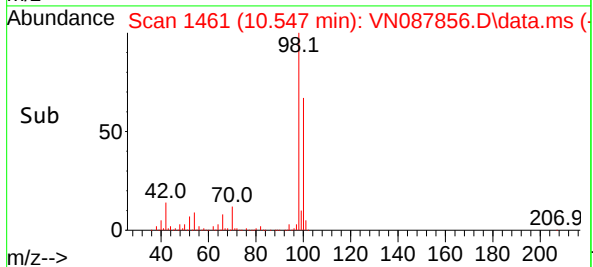
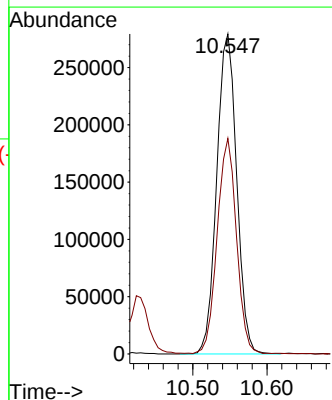
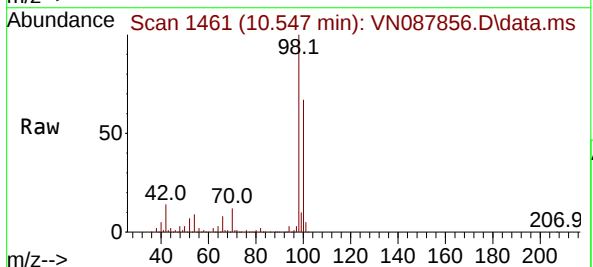
Acq: 16 Sep 2025 17:32

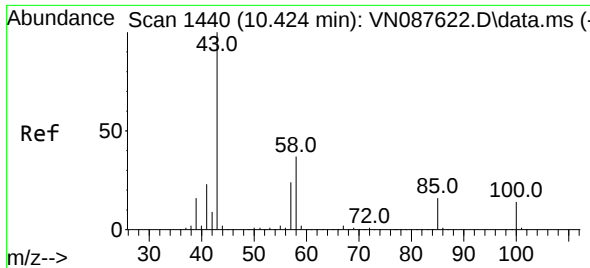
Tgt Ion: 98 Resp: 521585

Ion Ratio Lower Upper

98 100

100 65.0 52.8 79.2

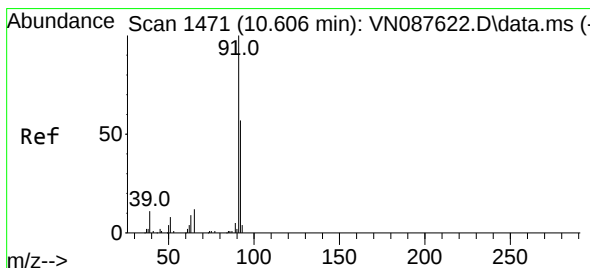
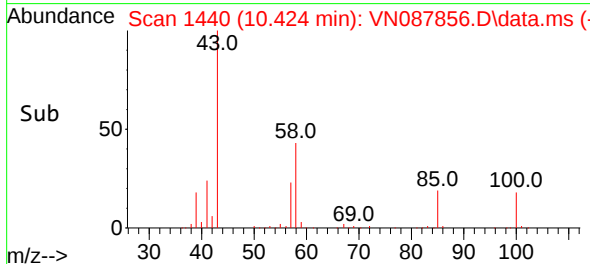
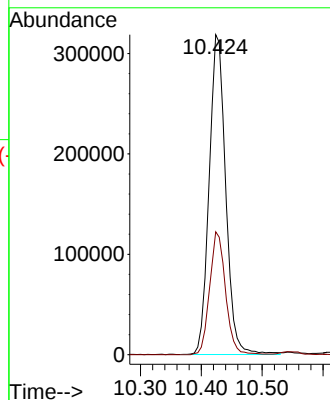
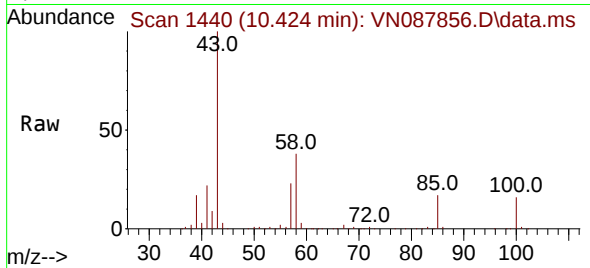




#51
4-Methyl-2-Pentanone
Concen: 92.054 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

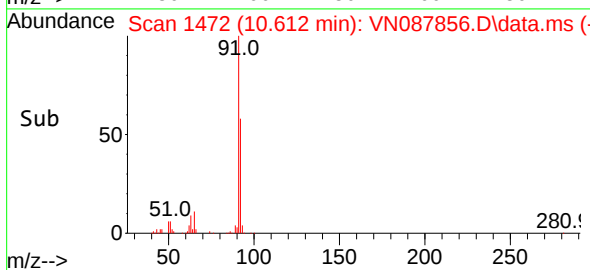
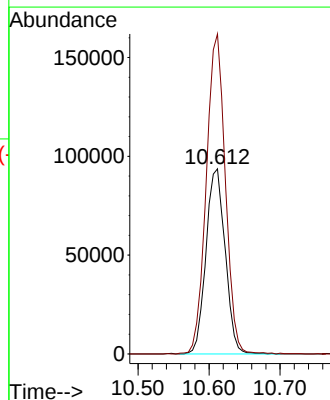
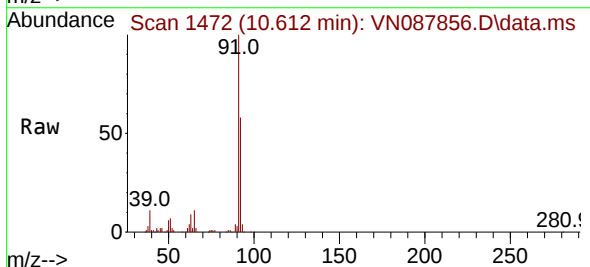
Instrument :
MSVOA_N
ClientSampleId :

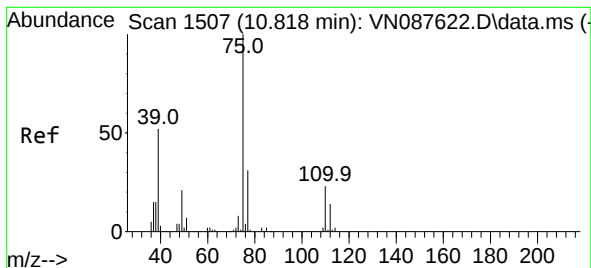
Tgt Ion: 43 Resp: 601377
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4



#52
Toluene
Concen: 18.237 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion: 92 Resp: 175995
Ion Ratio Lower Upper
92 100
91 171.8 140.4 210.6

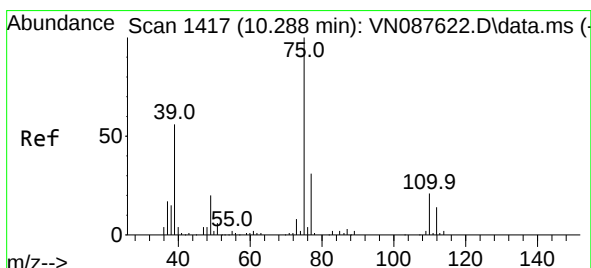
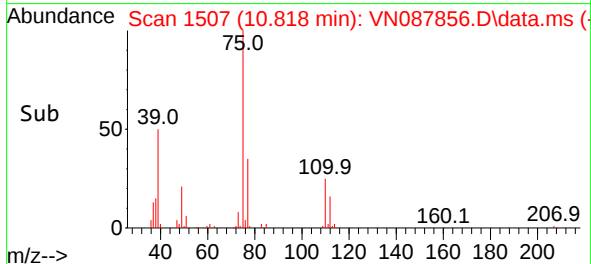
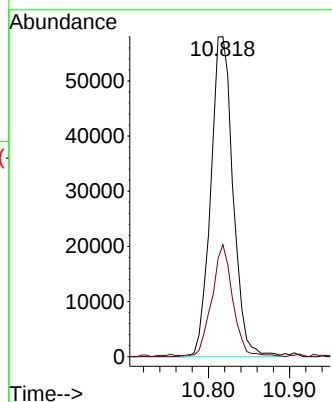
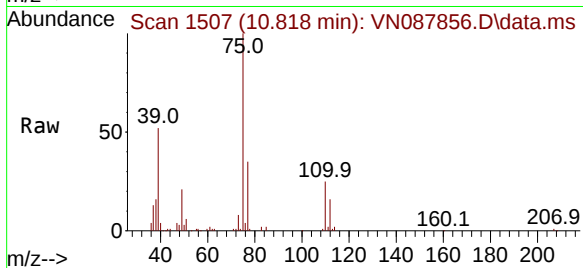




#53
 t-1,3-Dichloropropene
 Concen: 17.871 ug/l
 RT: 10.818 min Scan# 110696
 Delta R.T. 0.000 min
 Lab File: VN087856.D
 Acq: 16 Sep 2025 17:32

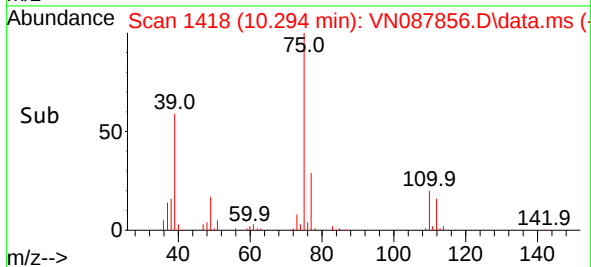
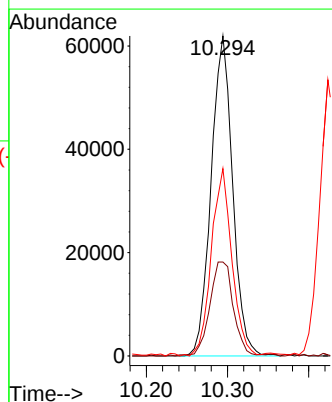
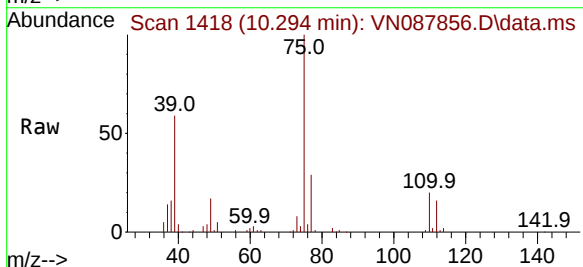
Instrument :
 MSVOA_N
 ClientSampleId :

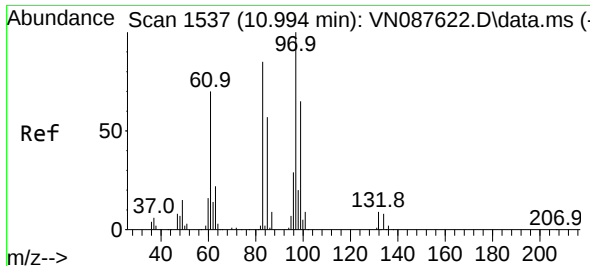
Tgt Ion: 75 Resp: 110696
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 17.753 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087856.D
 Acq: 16 Sep 2025 17:32

Tgt Ion: 75 Resp: 114180
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.6 37.0
 39 58.6 45.2 67.8

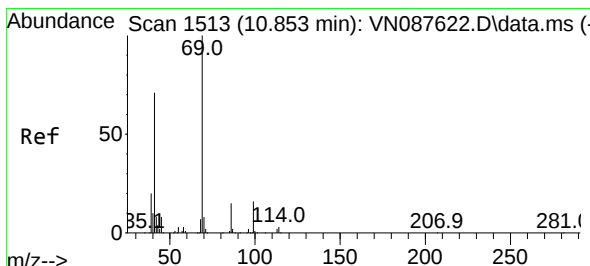
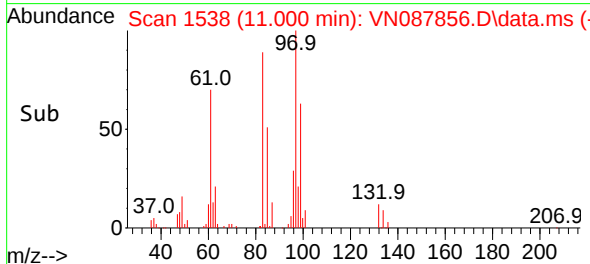
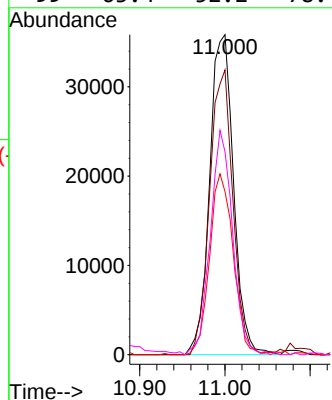
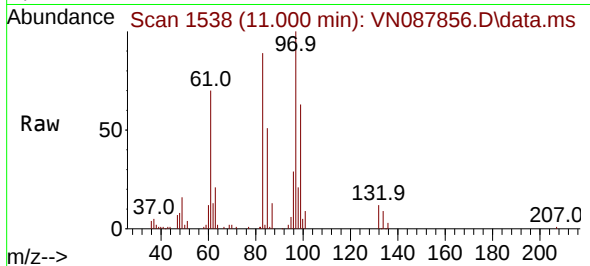




#55
1,1,2-Trichloroethane
Concen: 18.711 ug/l
RT: 11.000 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

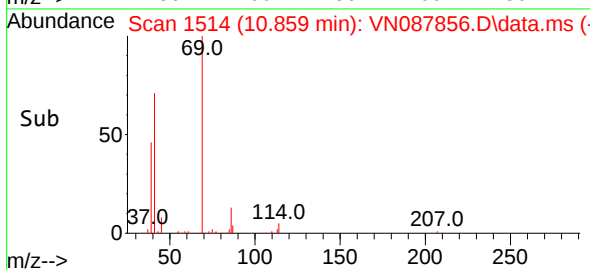
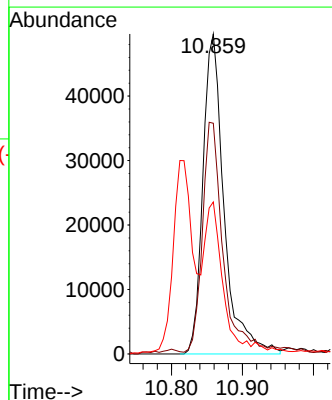
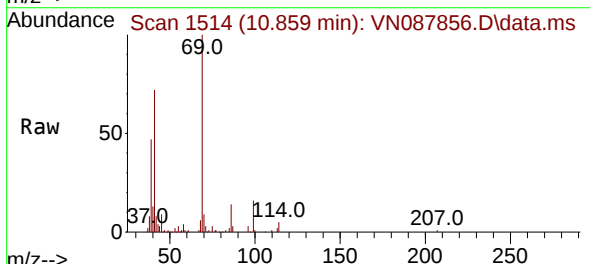
Instrument :
MSVOA_N
ClientSampleId :

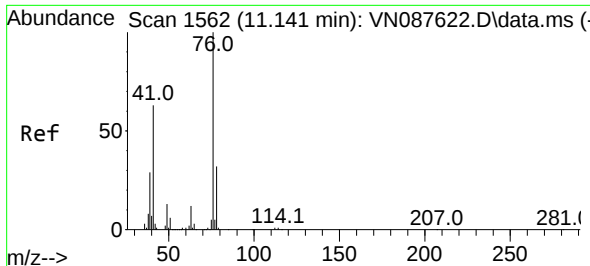
Tgt Ion:	97	Resp:	69853
Ion	Ratio	Lower	Upper
97	100		
83	89.0	68.2	102.4
85	50.9	45.5	68.3
99	63.4	52.2	78.4



#56
Ethyl methacrylate
Concen: 17.260 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion:	69	Resp:	102978
Ion	Ratio	Lower	Upper
69	100		
41	72.3	56.5	84.7
39	38.6	34.2	51.4





#57

1,3-Dichloropropane

Concen: 17.930 ug/l

RT: 11.141 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

Instrument :

MSVOA_N

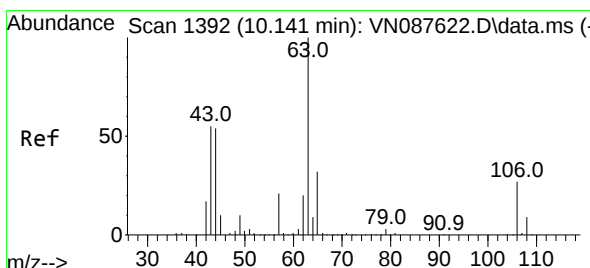
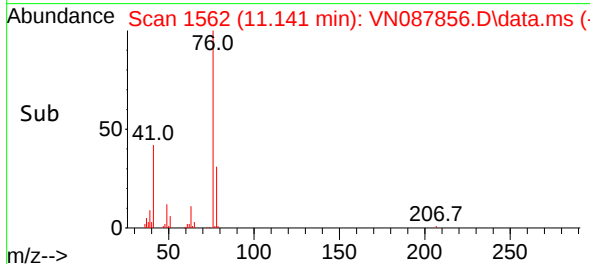
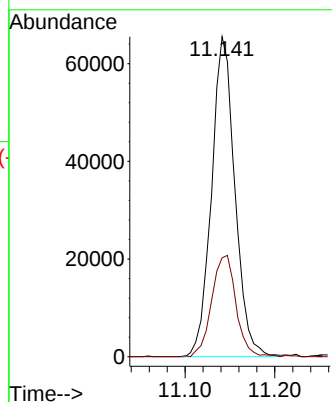
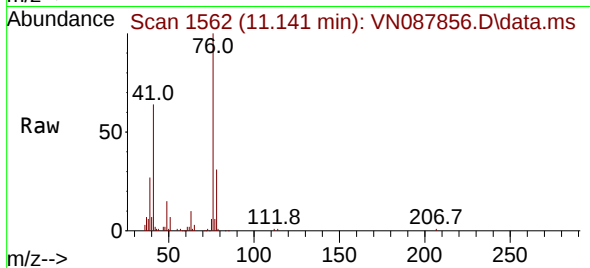
ClientSampleId :

Tgt Ion: 76 Resp: 118465

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 86.593 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087856.D

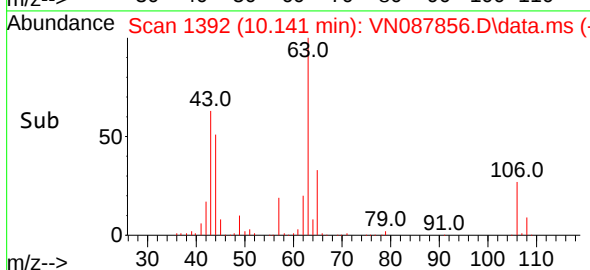
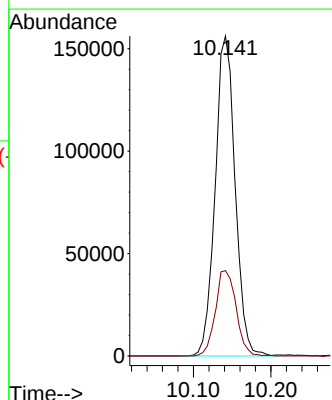
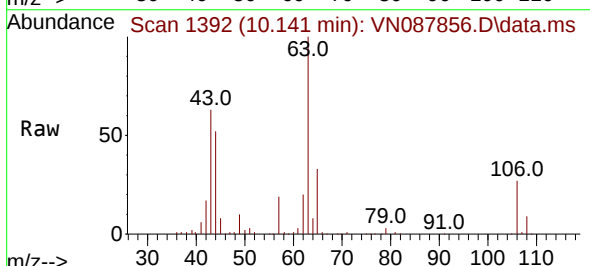
Acq: 16 Sep 2025 17:32

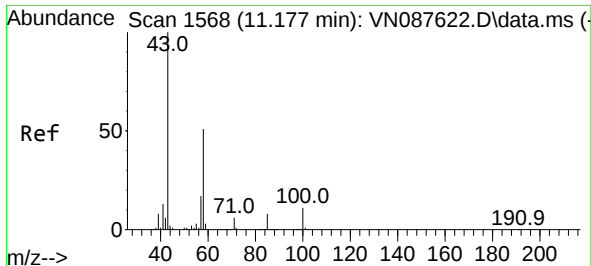
Tgt Ion: 63 Resp: 279628

Ion Ratio Lower Upper

63 100

106 27.7 21.1 31.7

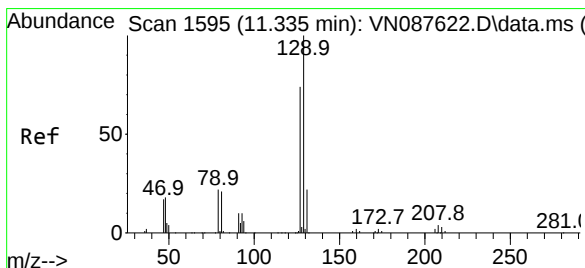
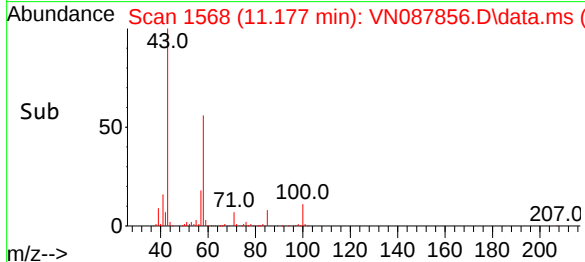
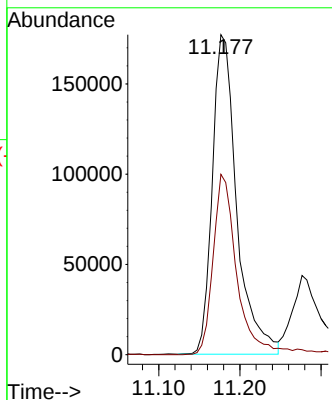
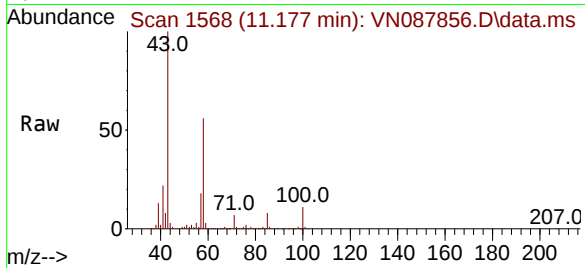




#59
2-Hexanone
Concen: 89.727 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

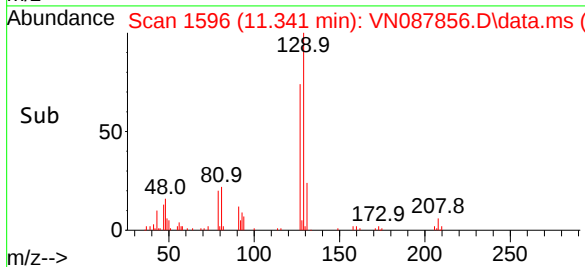
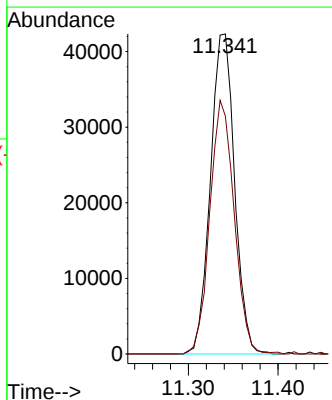
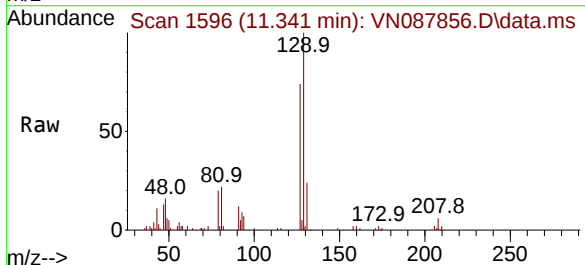
Instrument :
MSVOA_N
ClientSampleId :

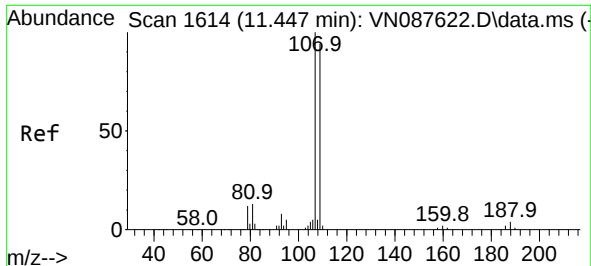
Tgt Ion: 43 Resp: 370464
Ion Ratio Lower Upper
43 100
58 54.6 25.9 77.8



#60
Dibromochloromethane
Concen: 18.306 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion: 129 Resp: 79187
Ion Ratio Lower Upper
129 100
127 79.9 39.1 117.3

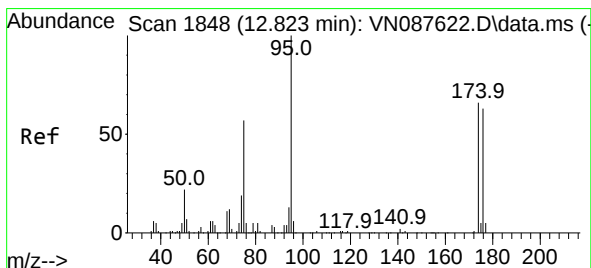
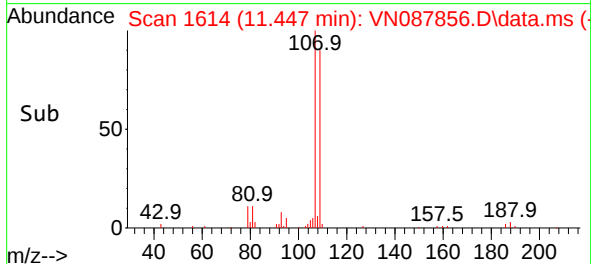
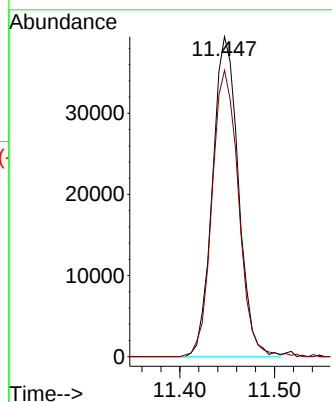
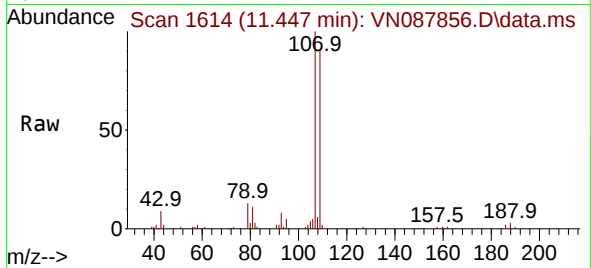




#61
1,2-Dibromoethane
Concen: 18.974 ug/l
RT: 11.447 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

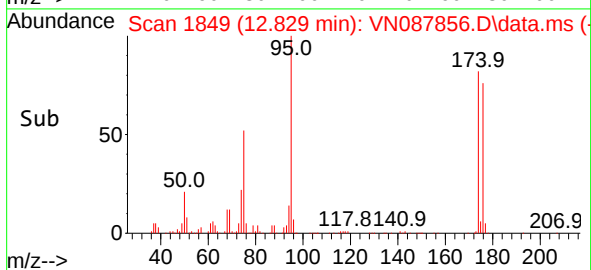
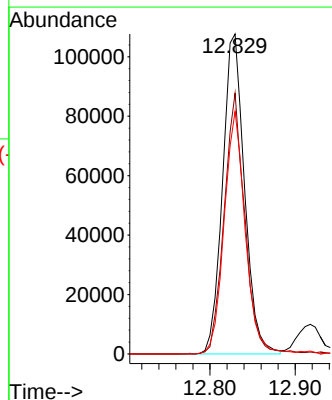
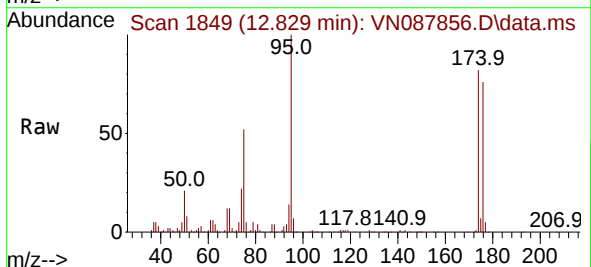
Instrument :
MSVOA_N
ClientSampleId :

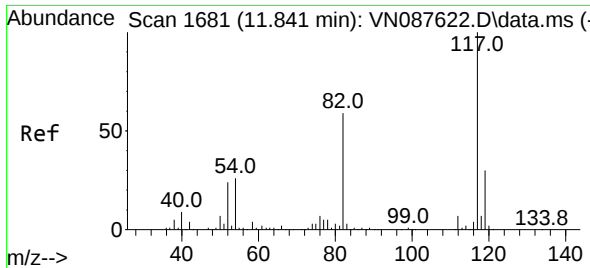
Tgt Ion:107 Resp: 74690
Ion Ratio Lower Upper
107 100
109 92.0 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 43.748 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion: 95 Resp: 192645
Ion Ratio Lower Upper
95 100
174 77.0 0.0 138.4
176 72.8 0.0 132.6

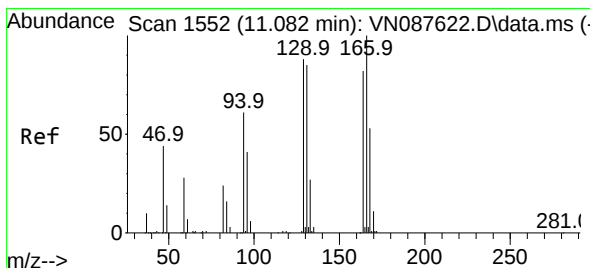
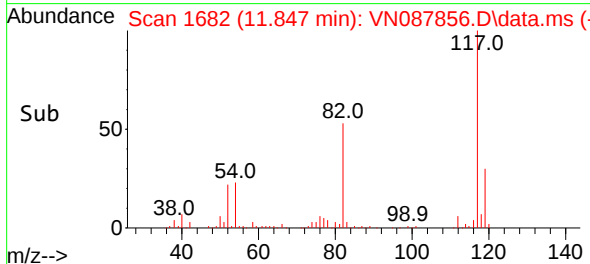
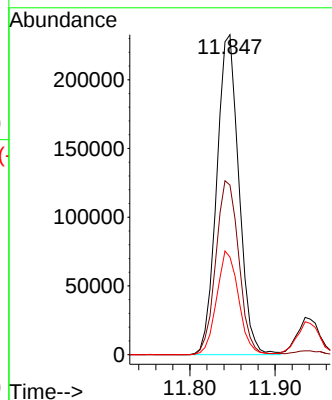
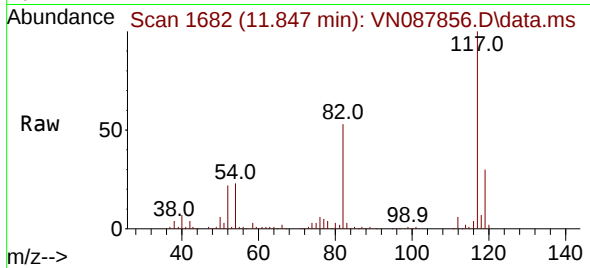




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

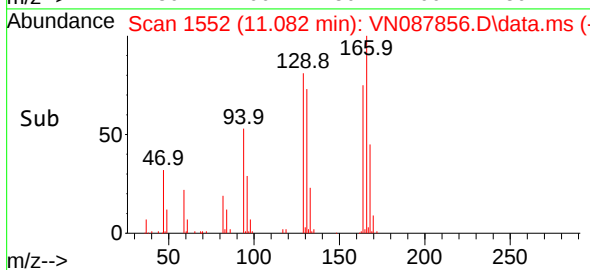
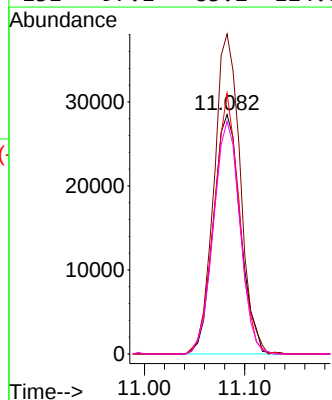
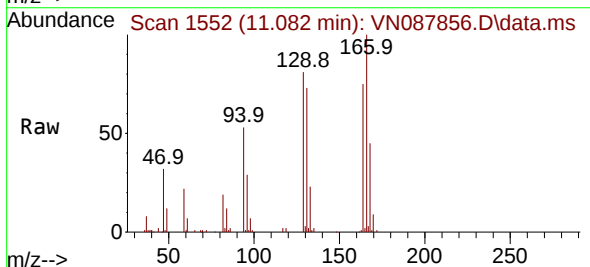
Instrument :
MSVOA_N
ClientSampleId :

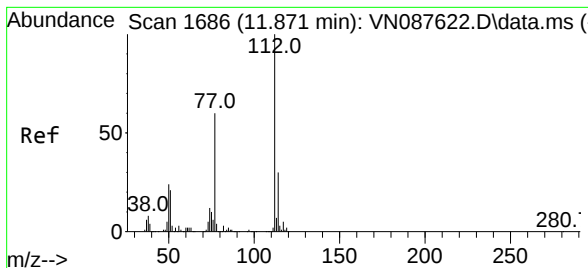
Tgt Ion:117 Resp: 421938
Ion Ratio Lower Upper
117 100
82 53.0 47.4 71.2
119 30.5 24.3 36.5



#64
Tetrachloroethene
Concen: 18.169 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion:164 Resp: 53187
Ion Ratio Lower Upper
164 100
166 133.7 97.7 146.5
129 108.9 85.9 128.9
131 97.1 83.2 124.8





#65

Chlorobenzene

Concen: 18.802 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

Instrument :

MSVOA_N

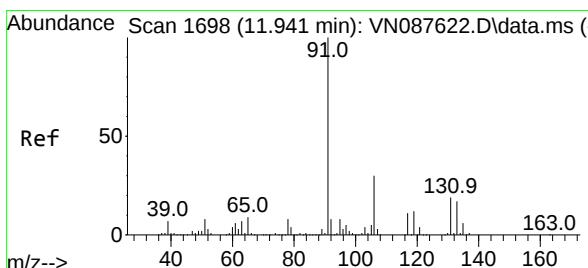
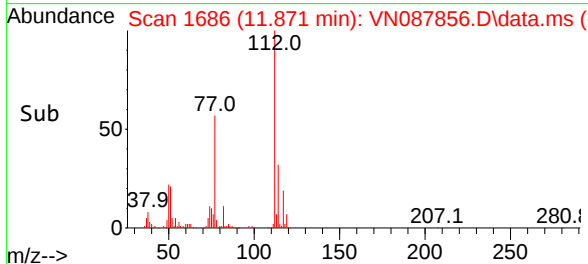
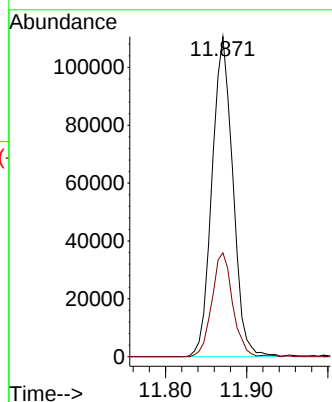
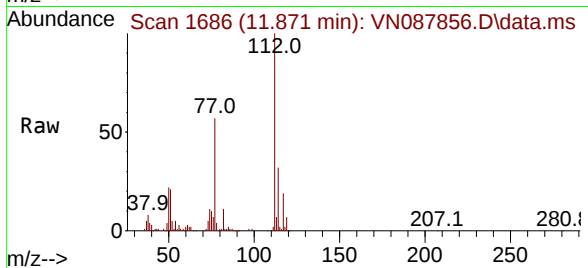
ClientSampleId :

Tgt Ion:112 Resp: 197372

Ion Ratio Lower Upper

112 100

114 32.5 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 19.832 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

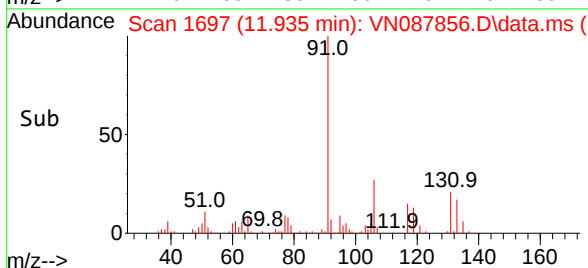
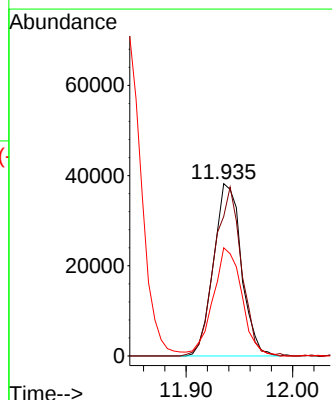
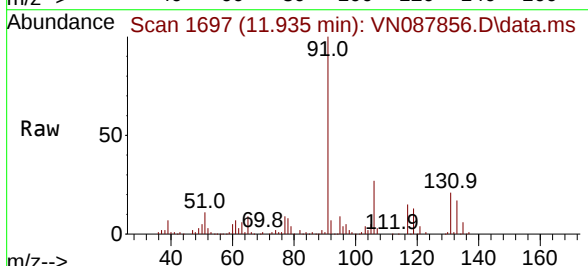
Tgt Ion:131 Resp: 69111

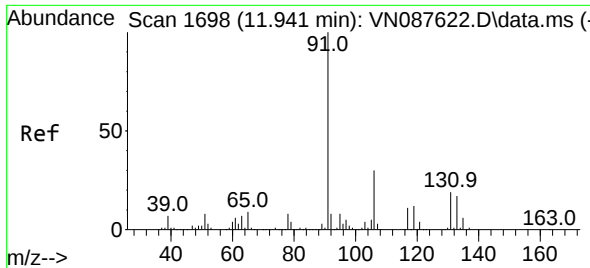
Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.0

119 65.2 32.6 97.7

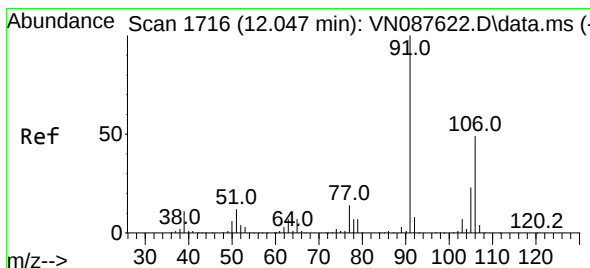
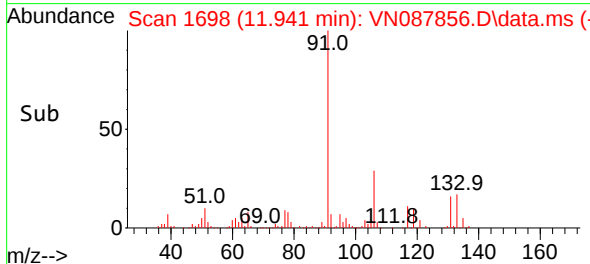
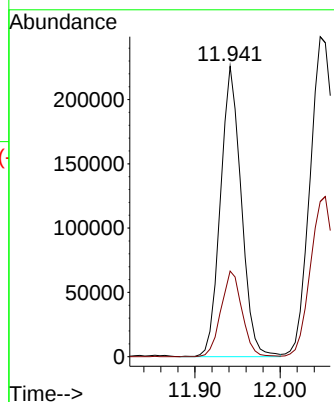
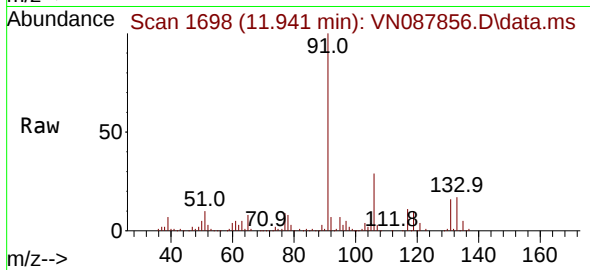




#67
Ethyl Benzene
Concen: 21.089 ug/l
RT: 11.941 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

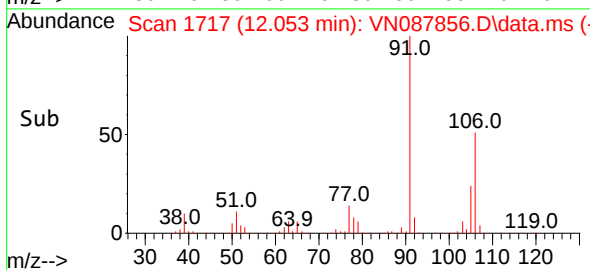
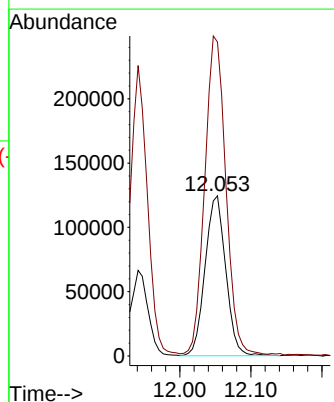
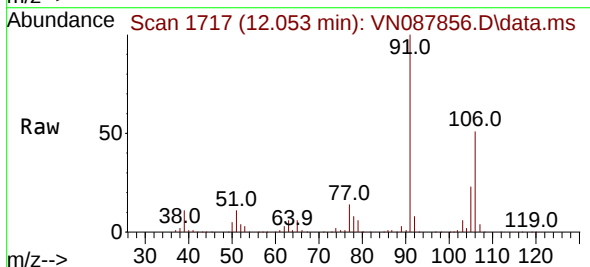
Instrument :
MSVOA_N
ClientSampleId :

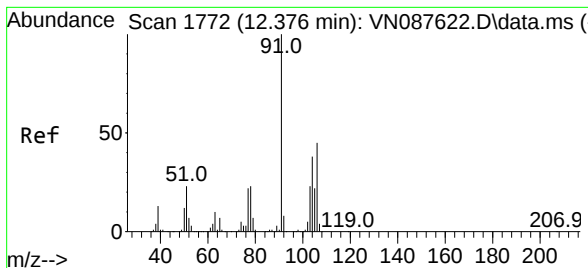
Tgt Ion: 91 Resp: 383296
Ion Ratio Lower Upper
91 100
106 29.5 24.1 36.1



#68
m/p-Xylenes
Concen: 37.642 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion:106 Resp: 250904
Ion Ratio Lower Upper
106 100
91 203.6 169.3 253.9

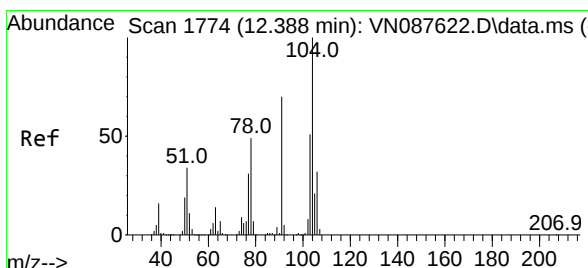
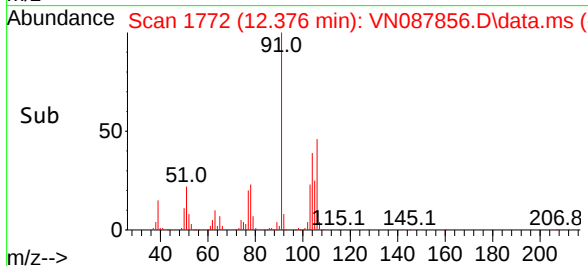
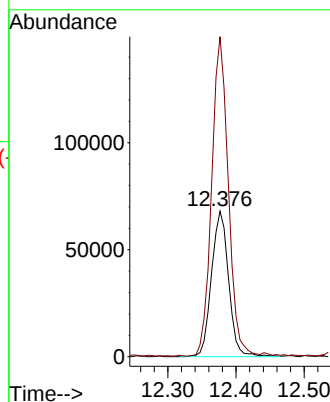
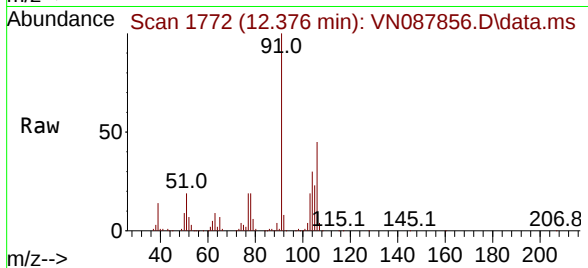




#69
o-Xylene
Concen: 18.194 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

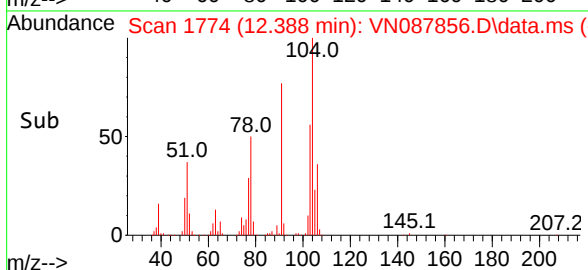
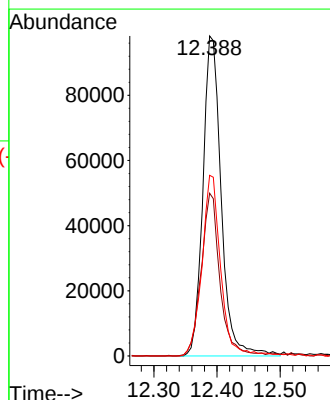
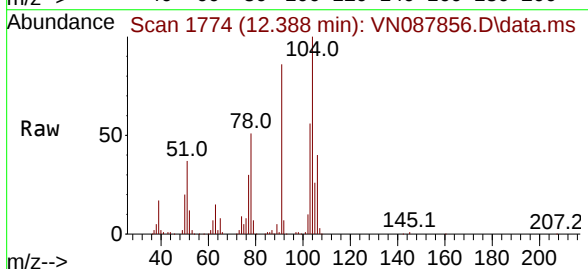
Instrument :
MSVOA_N
ClientSampleId :

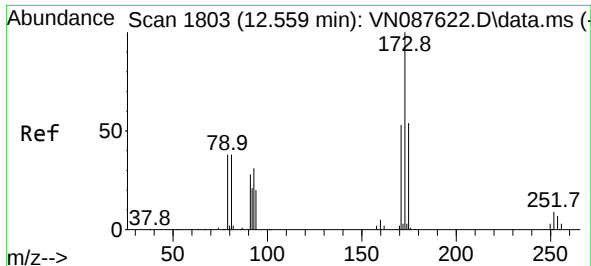
Tgt Ion:106 Resp: 118850
Ion Ratio Lower Upper
106 100
91 213.4 111.4 334.2



#70
Styrene
Concen: 18.112 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion:104 Resp: 198215
Ion Ratio Lower Upper
104 100
78 52.0 42.2 63.2
103 57.6 43.4 65.2

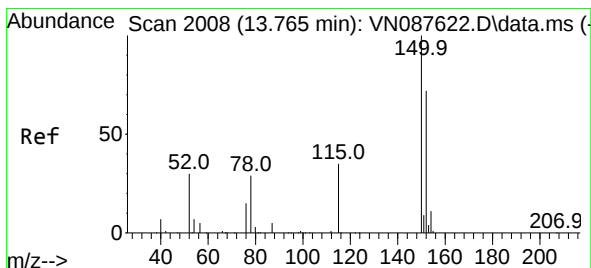
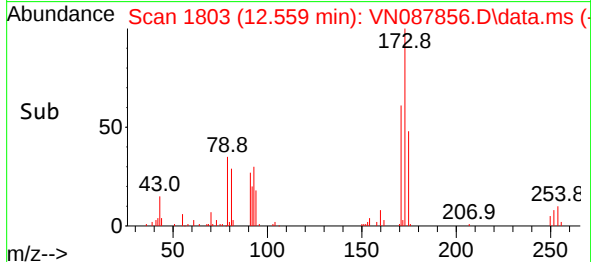
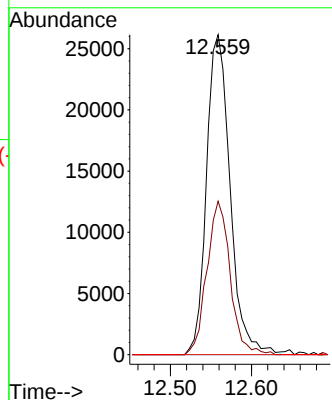
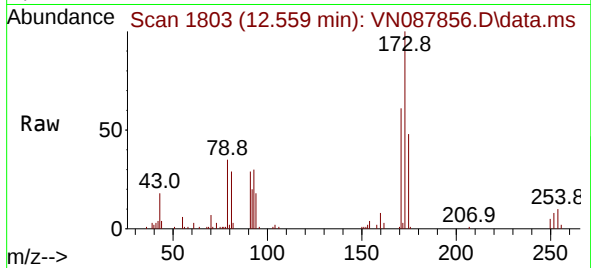




#71
Bromoform
Concen: 19.736 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

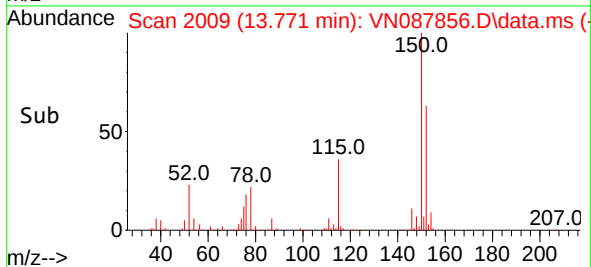
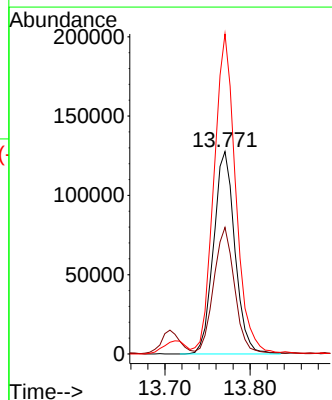
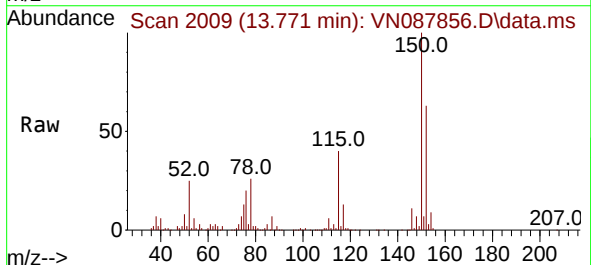
Instrument :
MSVOA_N
ClientSampleId :

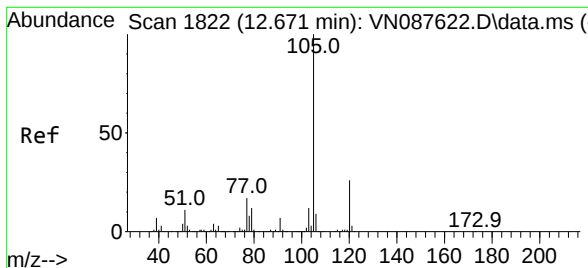
Tgt Ion:173 Resp: 52749
Ion Ratio Lower Upper
173 100
175 47.4 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion:152 Resp: 221865
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 161.1 0.0 351.0





#73

Isopropylbenzene

Concen: 17.256 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.006 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

Instrument :

MSVOA_N

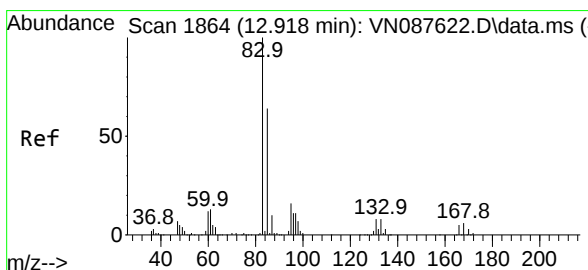
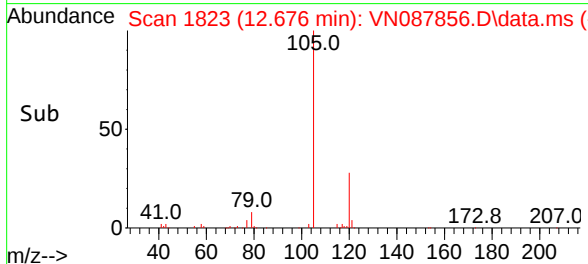
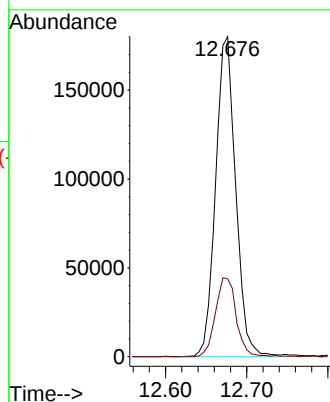
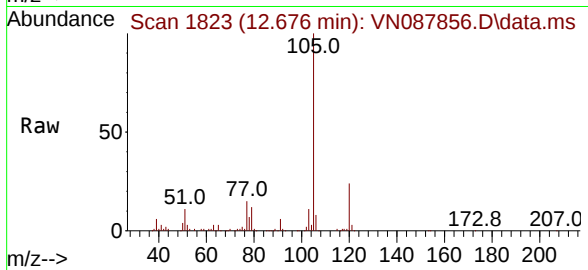
ClientSampleId :

Tgt Ion:105 Resp: 309361

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



#75

1,1,2,2-Tetrachloroethane

Concen: 18.005 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

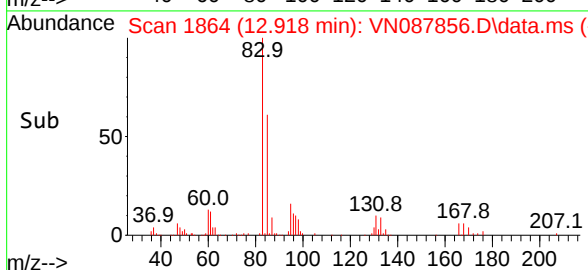
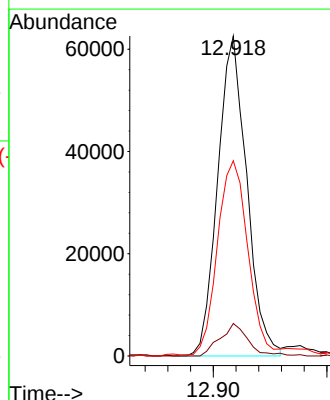
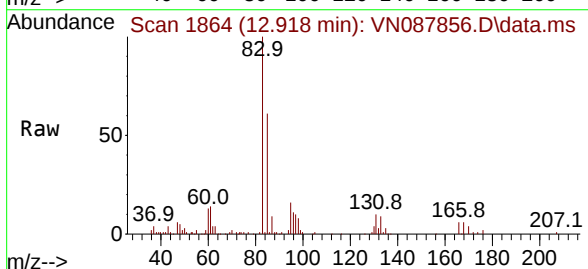
Tgt Ion: 83 Resp: 111131

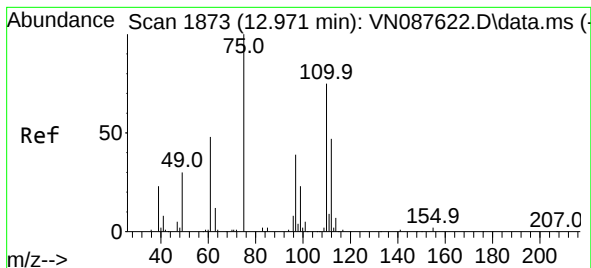
Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.4

85 63.3 32.1 96.3





#76

1,2,3-Trichloropropane

Concen: 26.685 ug/l

RT: 12.971 min Scan# 1873

Delta R.T. 0.000 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

Instrument :

MSVOA_N

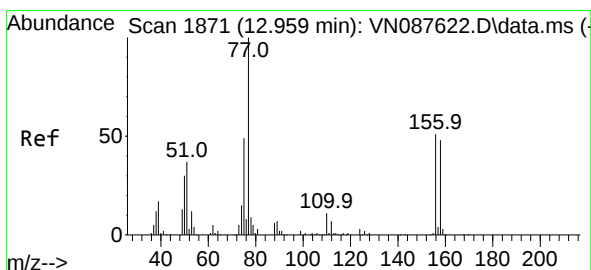
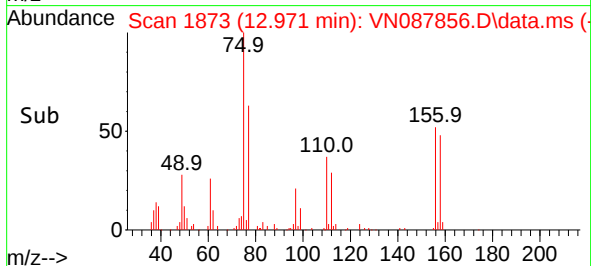
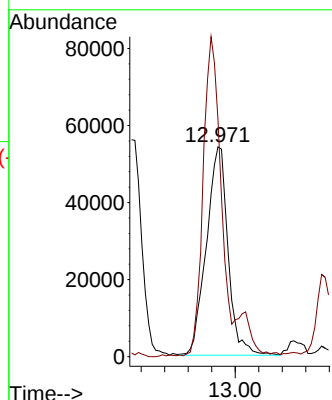
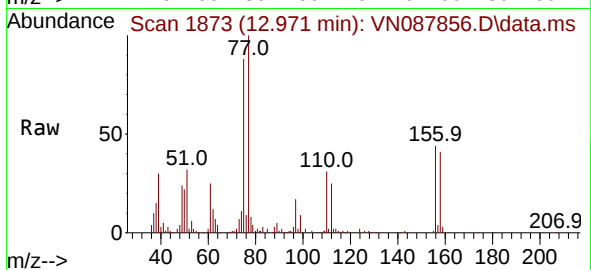
ClientSampleId :

Tgt Ion: 75 Resp: 138839

Ion Ratio Lower Upper

75 100

77 125.2 89.1 267.4



#77

Bromobenzene

Concen: 18.065 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

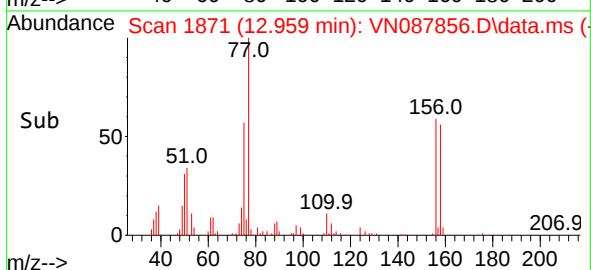
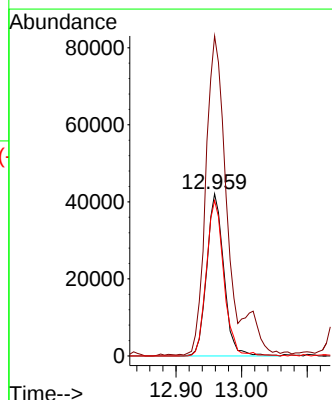
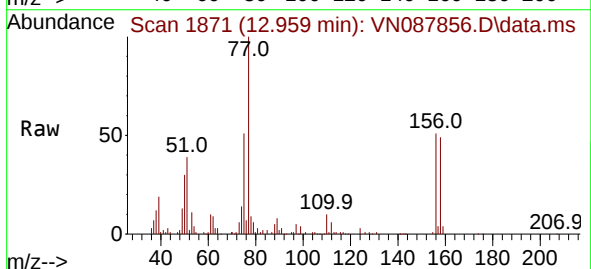
Tgt Ion:156 Resp: 76364

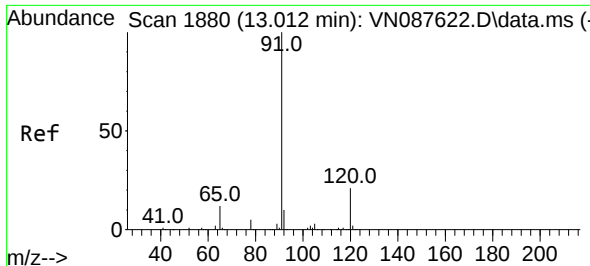
Ion Ratio Lower Upper

156 100

77 227.7 119.3 358.0

158 98.2 48.2 144.6

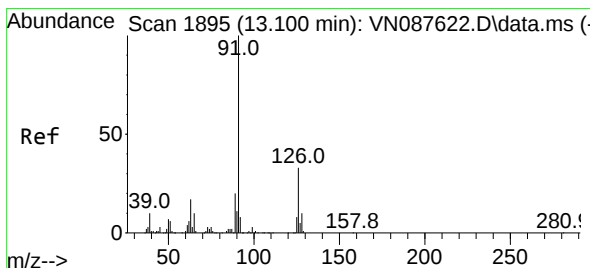
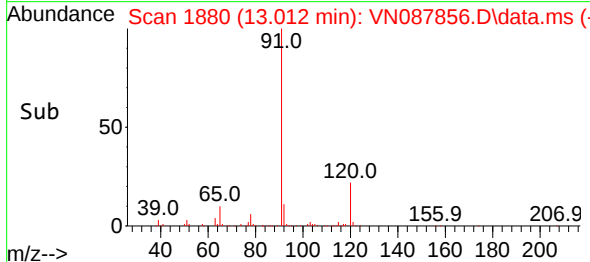
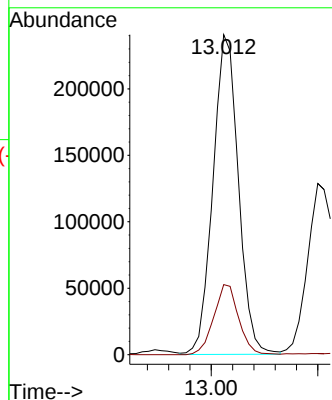
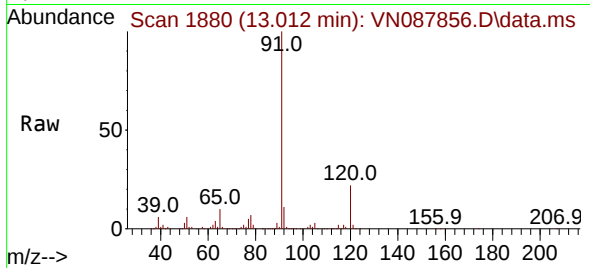




#78
n-propylbenzene
Concen: 18.028 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

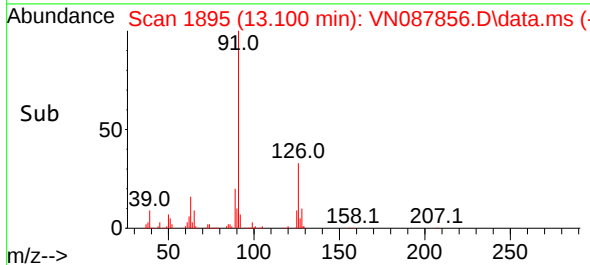
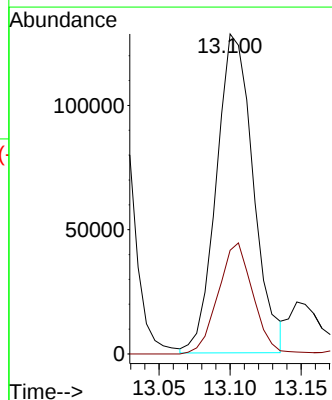
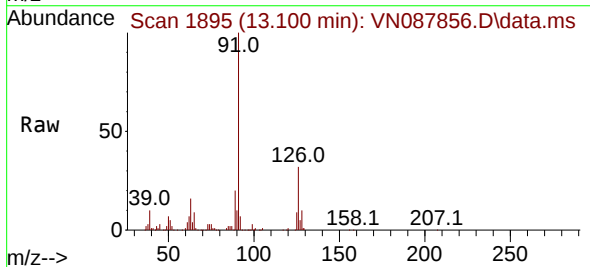
Instrument :
MSVOA_N
ClientSampleId :

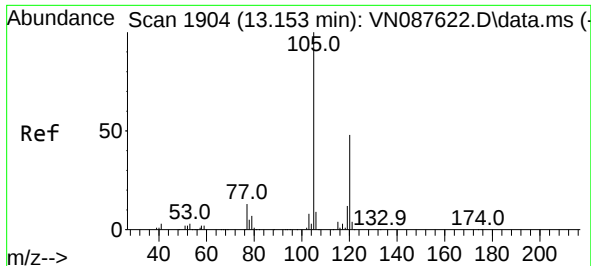
Tgt Ion: 91 Resp: 398115
Ion Ratio Lower Upper
91 100
120 21.5 10.7 32.1



#79
2-Chlorotoluene
Concen: 17.472 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion: 91 Resp: 232192
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.3

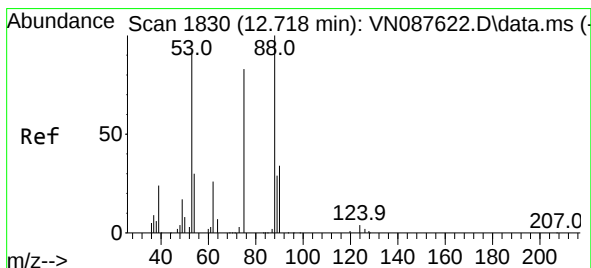
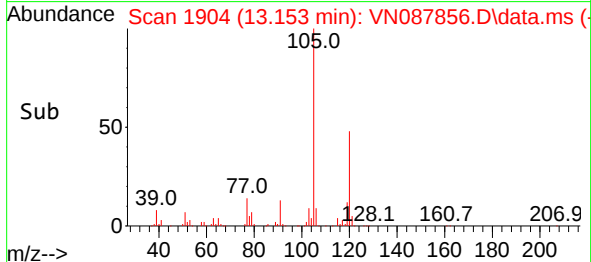
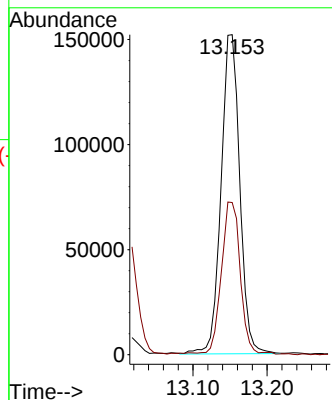
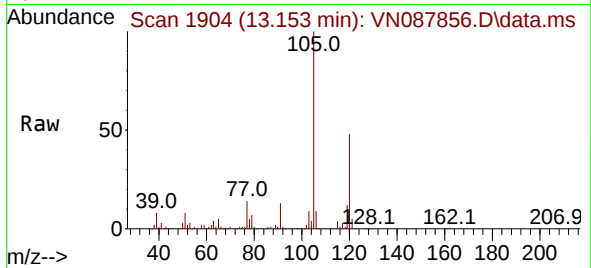




#80
1,3,5-Trimethylbenzene
Concen: 17.520 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

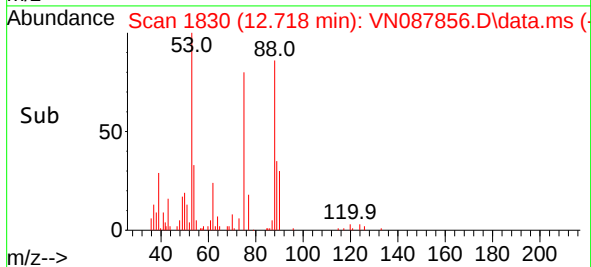
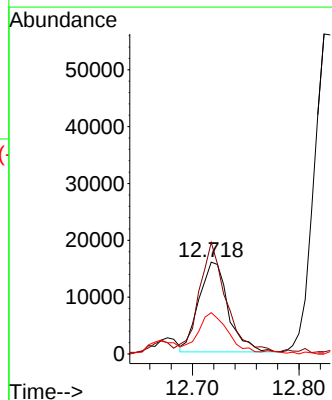
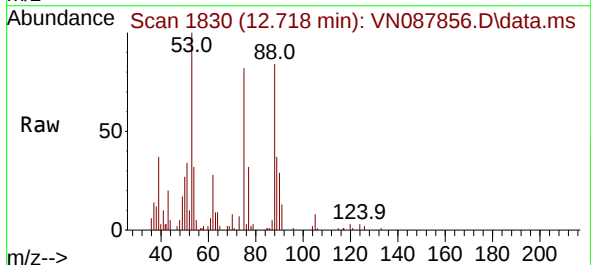
Instrument :
MSVOA_N
ClientSampleId :

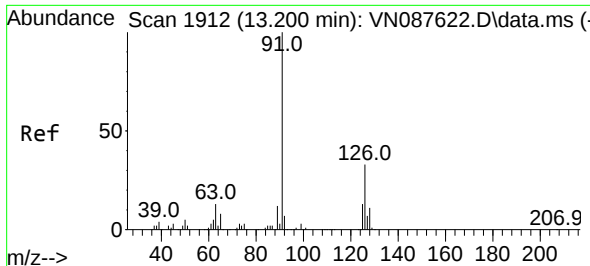
Tgt Ion:105 Resp: 266464
Ion Ratio Lower Upper
105 100
120 48.4 23.2 69.6



#81
trans-1,4-Dichloro-2-butene
Concen: 15.345 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion: 75 Resp: 30158
Ion Ratio Lower Upper
75 100
53 113.1 101.8 152.6
89 43.8 35.6 53.4

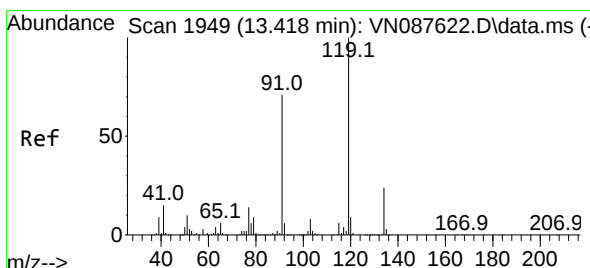
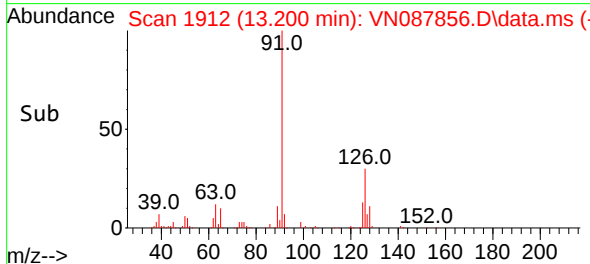
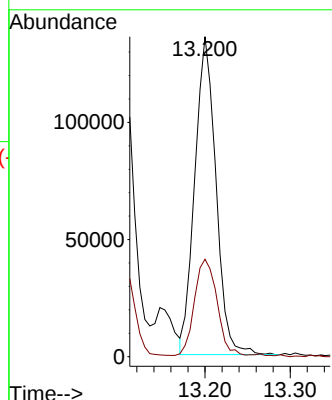
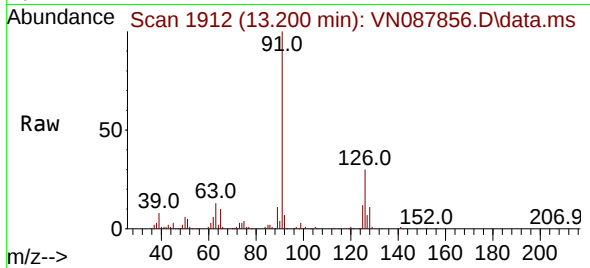




#82
4-Chlorotoluene
Concen: 16.750 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

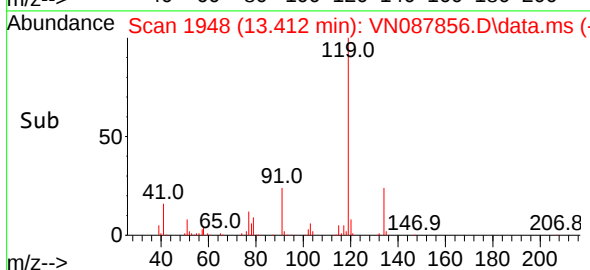
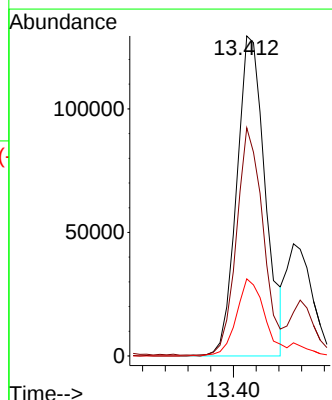
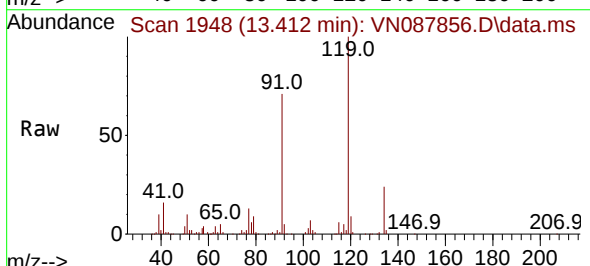
Instrument :
MSVOA_N
ClientSampleId :

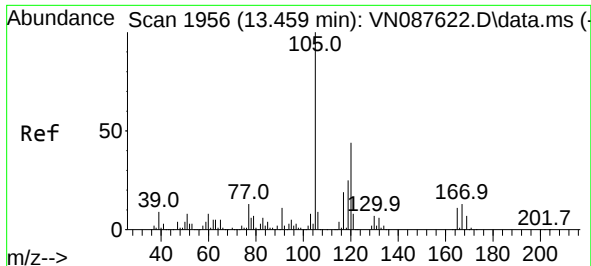
Tgt Ion: 91 Resp: 234029
Ion Ratio Lower Upper
91 100
126 32.2 15.6 46.8



#83
tert-Butylbenzene
Concen: 17.793 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion: 119 Resp: 225500
Ion Ratio Lower Upper
119 100
91 66.2 35.0 105.0
134 24.0 12.6 37.8

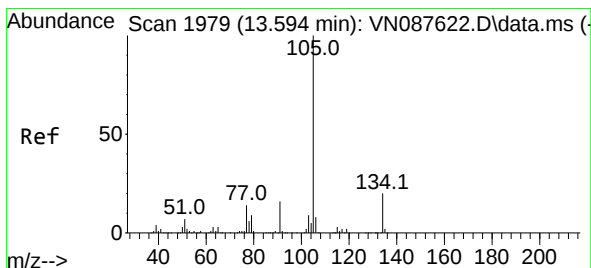
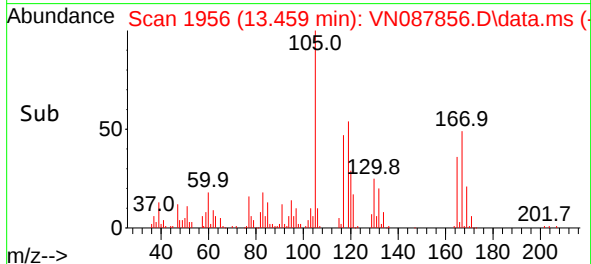
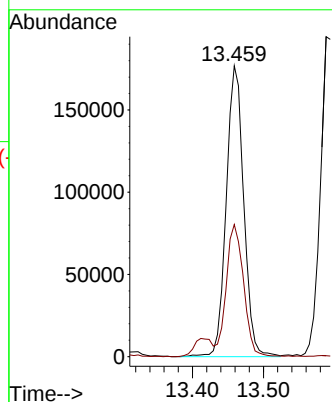
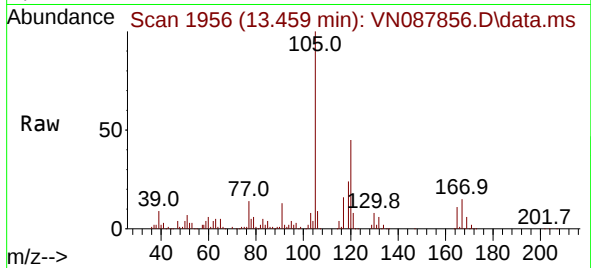




#84
1,2,4-Trimethylbenzene
Concen: 19.831 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

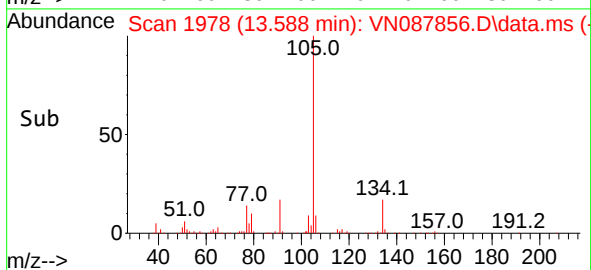
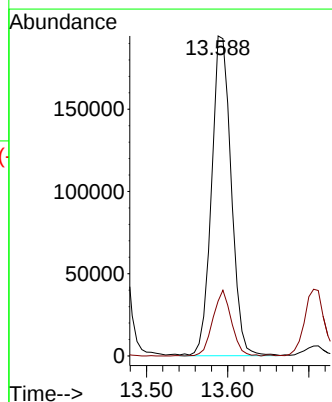
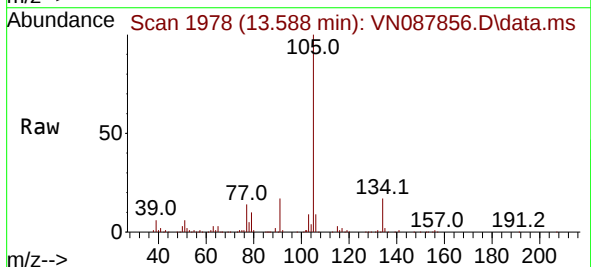
Instrument :
MSVOA_N
ClientSampleId :

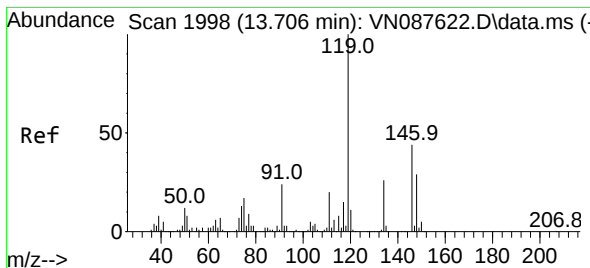
Tgt Ion:105 Resp: 301921
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0



#85
sec-Butylbenzene
Concen: 17.378 ug/l
RT: 13.588 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

Tgt Ion:105 Resp: 326837
Ion Ratio Lower Upper
105 100
134 19.4 9.6 28.6





#86

p-Isopropyltoluene

Concen: 17.415 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

Instrument :

MSVOA_N

ClientSampleId :

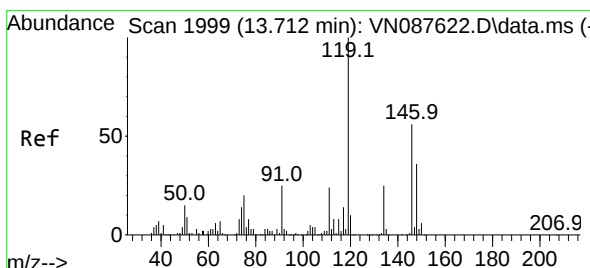
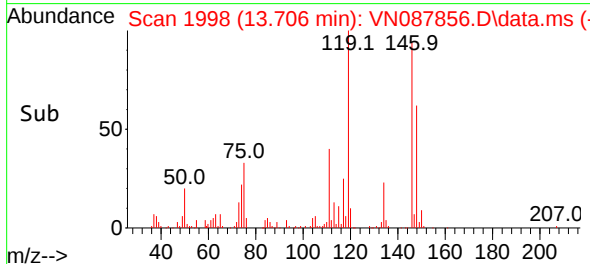
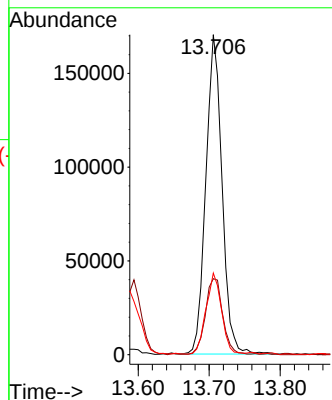
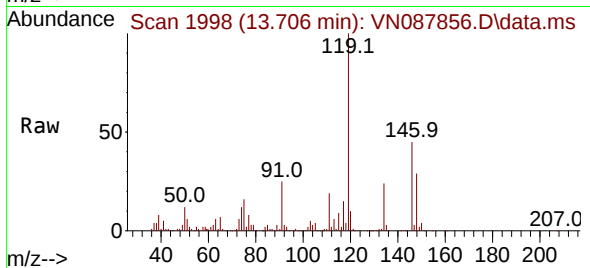
Tgt Ion:119 Resp: 270457

Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

91 24.0 12.5 37.5



#87

1,3-Dichlorobenzene

Concen: 17.864 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

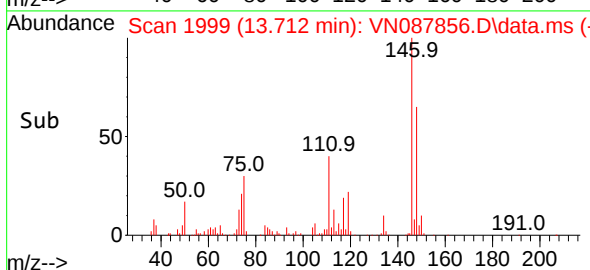
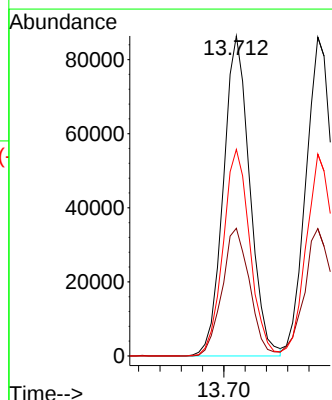
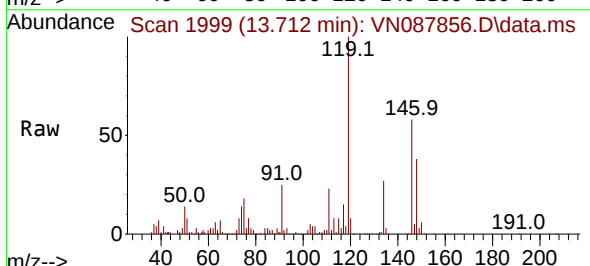
Tgt Ion:146 Resp: 148711

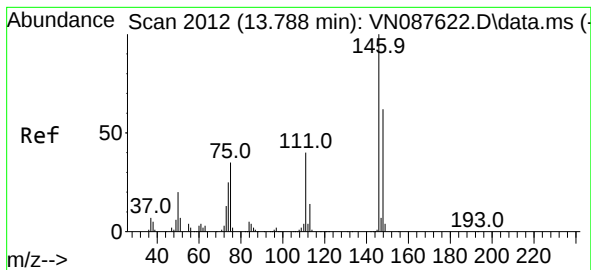
Ion Ratio Lower Upper

146 100

111 41.6 22.1 66.5

148 65.4 32.0 96.2





#88

1,4-Dichlorobenzene

Concen: 17.820 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

Instrument :

MSVOA_N

ClientSampleId :

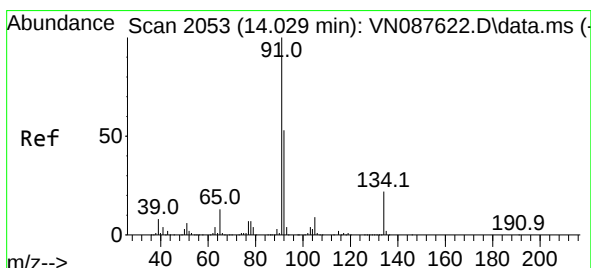
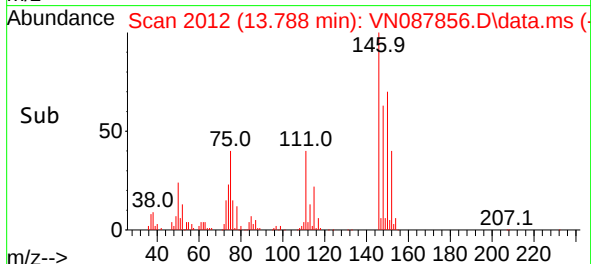
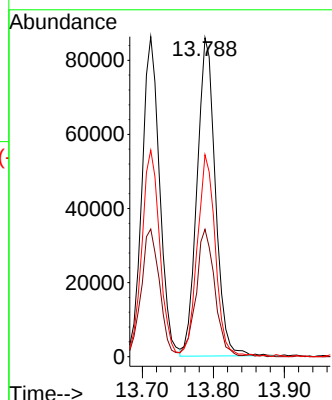
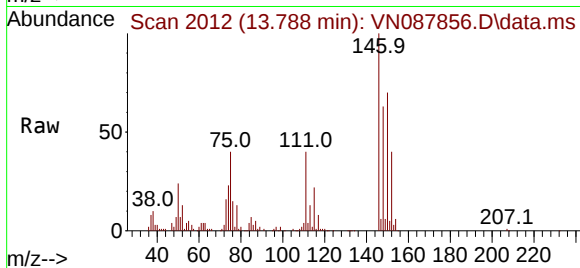
Tgt Ion:146 Resp: 154371

Ion Ratio Lower Upper

146 100

111 40.2 21.0 63.0

148 62.9 32.0 96.0



#89

n-Butylbenzene

Concen: 16.644 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

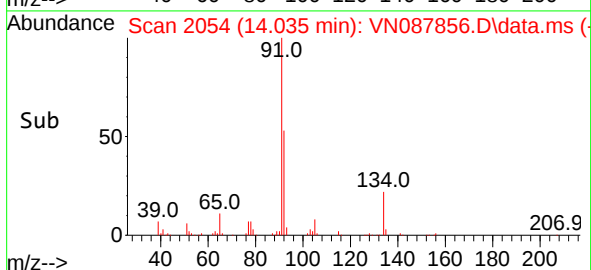
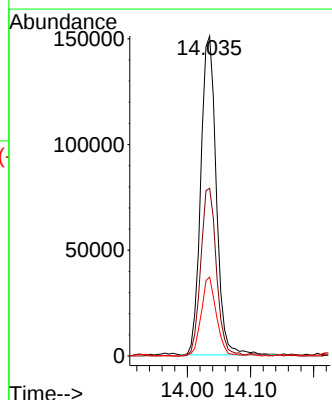
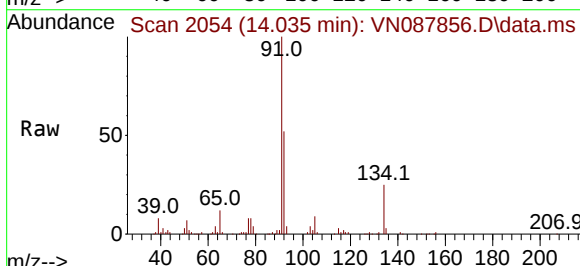
Tgt Ion: 91 Resp: 256721

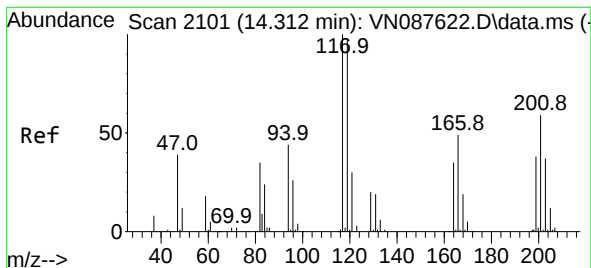
Ion Ratio Lower Upper

91 100

92 53.4 25.9 77.8

134 24.4 11.7 35.0





#90

Hexachloroethane

Concen: 18.395 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

Instrument :

MSVOA_N

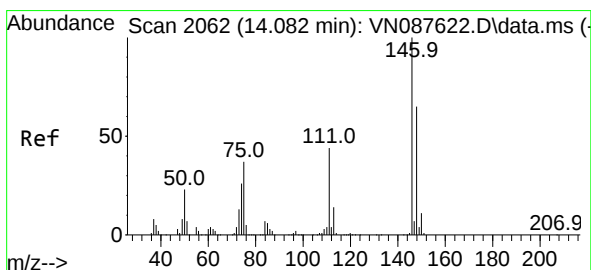
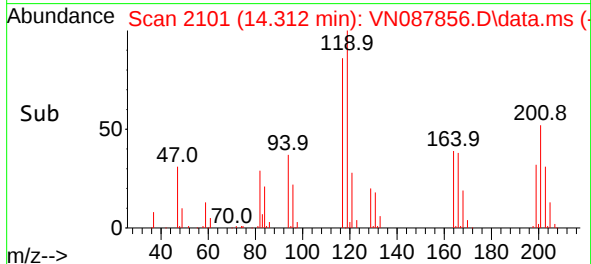
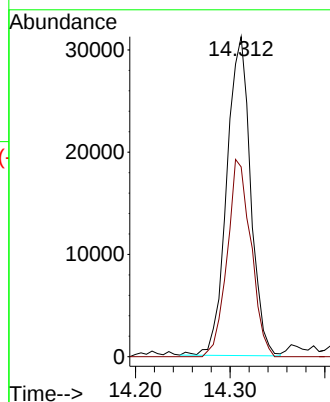
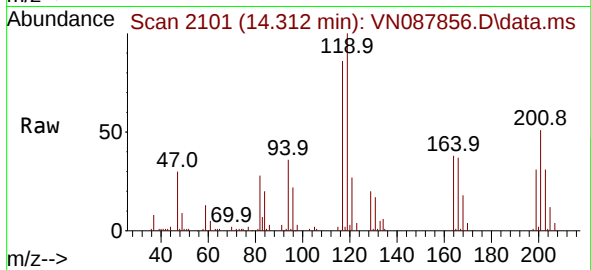
ClientSampleId :

Tgt Ion:117 Resp: 54428

Ion Ratio Lower Upper

117 100

201 61.7 29.1 87.4



#91

1,2-Dichlorobenzene

Concen: 18.297 ug/l

RT: 14.088 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VN087856.D

Acq: 16 Sep 2025 17:32

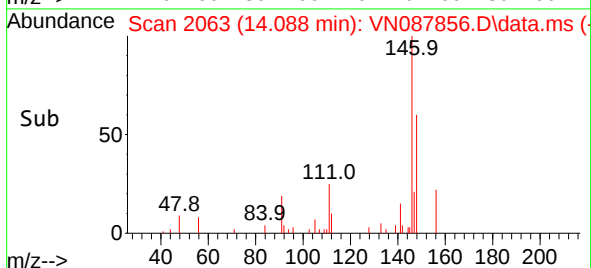
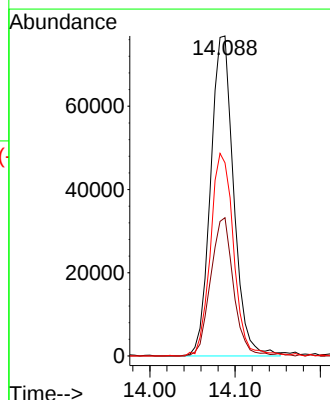
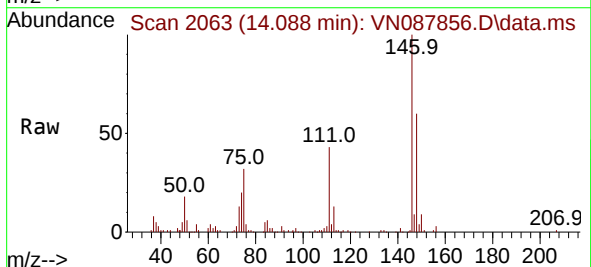
Tgt Ion:146 Resp: 144502

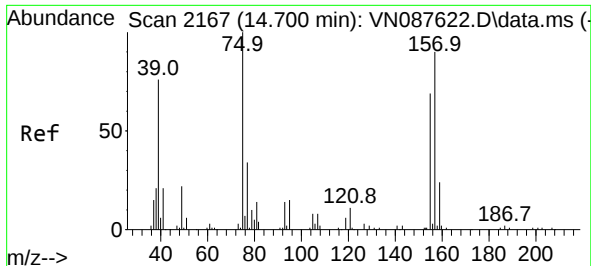
Ion Ratio Lower Upper

146 100

111 43.1 22.6 67.8

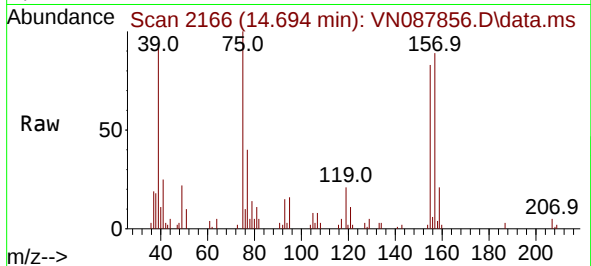
148 64.0 31.9 95.9



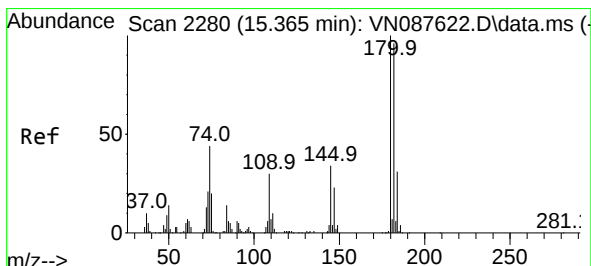
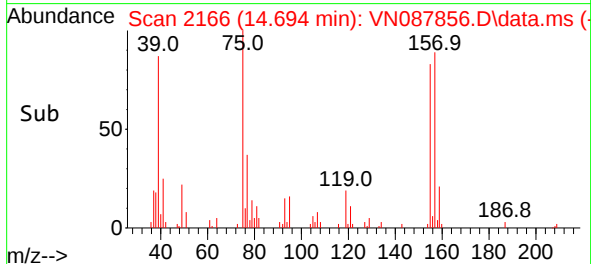
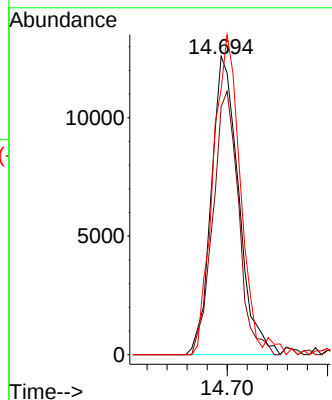


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.267 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN087856.D
 Acq: 16 Sep 2025 17:32

Instrument :
 MSVOA_N
 ClientSampleId :

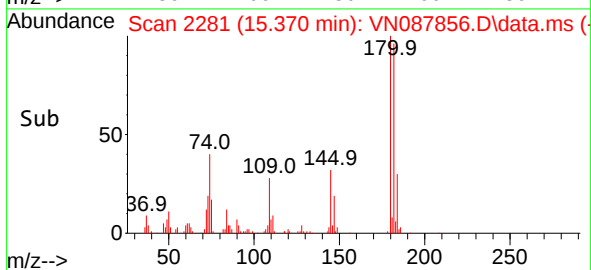
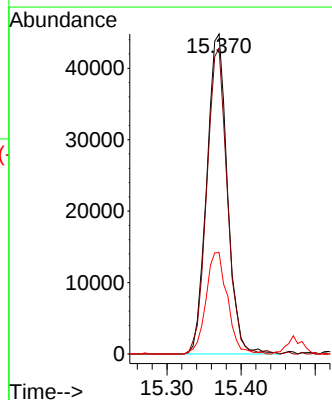
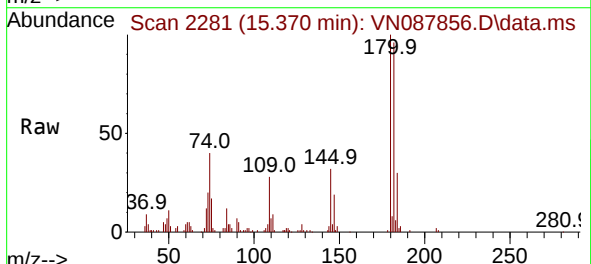


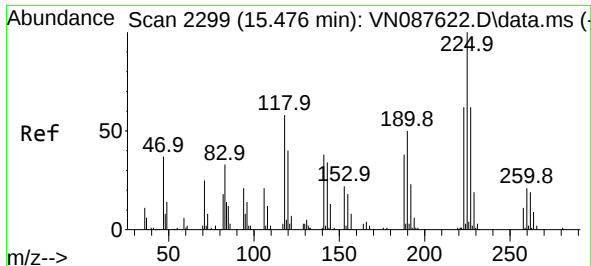
Tgt Ion: 75 Resp: 23852
 Ion Ratio Lower Upper
 75 100
 155 82.9 36.6 109.9
 157 104.9 45.6 136.9



#93
 1,2,4-Trichlorobenzene
 Concen: 18.239 ug/l
 RT: 15.370 min Scan# 2281
 Delta R.T. 0.006 min
 Lab File: VN087856.D
 Acq: 16 Sep 2025 17:32

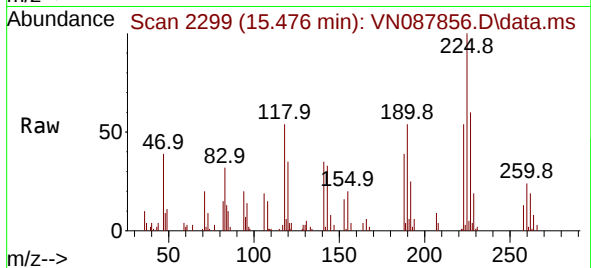
Tgt Ion: 180 Resp: 86495
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.6 142.9
 145 33.2 16.5 49.5



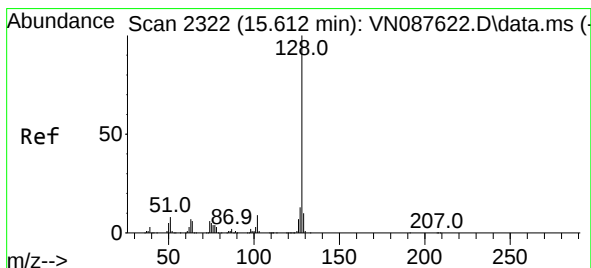
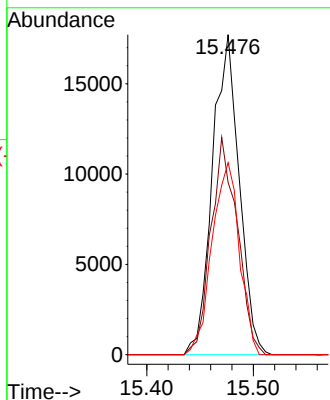
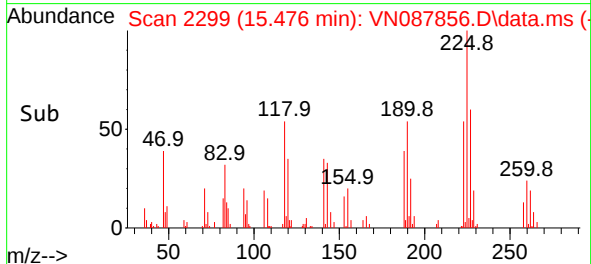


#94
Hexachlorobutadiene
Concen: 18.247 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32

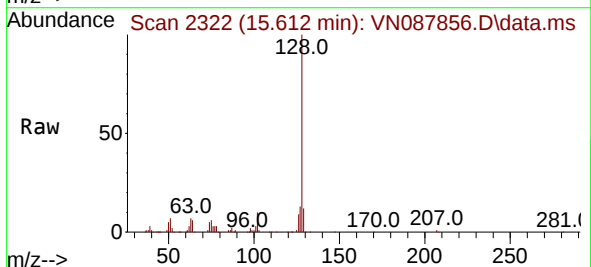
Instrument :
MSVOA_N
ClientSampleId :



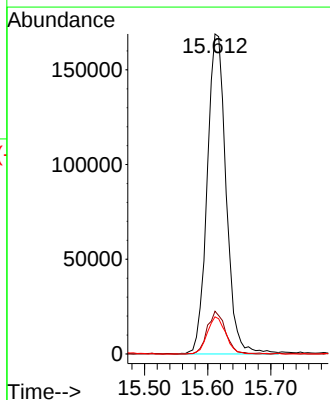
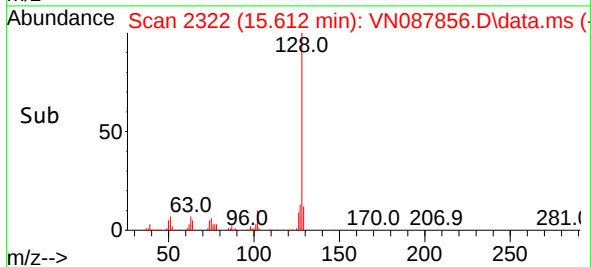
Tgt Ion:225 Resp: 30850
Ion Ratio Lower Upper
225 100
223 67.1 32.0 96.2
227 61.7 32.1 96.5

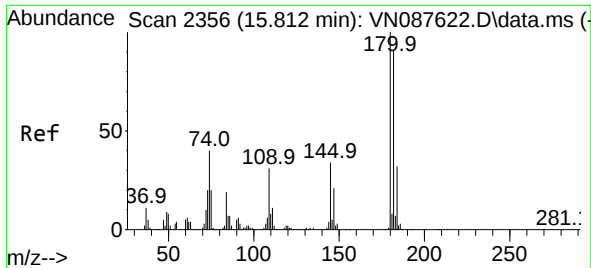


#95
Naphthalene
Concen: 20.924 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087856.D
Acq: 16 Sep 2025 17:32



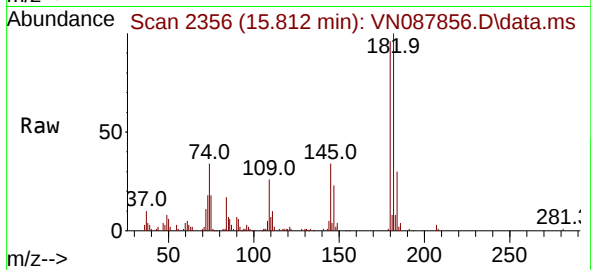
Tgt Ion:128 Resp: 351479
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.3 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 17.858 ug/l
 RT: 15.812 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087856.D
 Acq: 16 Sep 2025 17:32

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	82794
Ion Ratio	Lower	Upper	
180	100		
182	97.9	46.8	140.3
145	35.3	17.3	52.0

