

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
 Data File : VN087847.D
 Acq On : 16 Sep 2025 13:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 01:19:11 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	239136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	433645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	409197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	226483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	263710	53.823	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.640%	
35) Dibromofluoromethane	8.147	113	198358	63.355	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 126.700%#	
50) Toluene-d8	10.547	98	693078	59.144	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 118.280%#	
62) 4-Bromofluorobenzene	12.829	95	266909	64.046	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 128.100%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	176013	51.823	ug/l	99
3) Chloromethane	2.383	50	174247	49.922	ug/l	95
4) Vinyl Chloride	2.536	62	196704	48.605	ug/l	99
5) Bromomethane	2.954	94	119010	56.992	ug/l	93
6) Chloroethane	3.130	64	132207	46.480	ug/l	93
7) Trichlorofluoromethane	3.501	101	302201	50.968	ug/l	98
8) Diethyl Ether	3.953	74	121893	47.204	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	166711	49.690	ug/l	97
10) Methyl Iodide	4.577	142	125052	49.892	ug/l	91
11) Tert butyl alcohol	5.530	59	208783	245.456	ug/l	99
12) 1,1-Dichloroethene	4.330	96	163096	47.305	ug/l	94
13) Acrolein	4.177	56	320278	306.284	ug/l	98
14) Allyl chloride	5.012	41	314832	50.391	ug/l	90
15) Acrylonitrile	5.706	53	605404	252.369	ug/l	98
16) Acetone	4.424	43	584245	219.048	ug/l	98
17) Carbon Disulfide	4.695	76	474332	49.974	ug/l	98
18) Methyl Acetate	5.012	43	298186	53.395	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	663246	51.280	ug/l	99
20) Methylene Chloride	5.259	84	201058	52.170	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	180140	48.209	ug/l	98
22) Diisopropyl ether	6.659	45	664049	49.251	ug/l	98
23) Vinyl Acetate	6.589	43	3041175	247.925	ug/l	98
24) 1,1-Dichloroethane	6.547	63	353124	47.768	ug/l	99
25) 2-Butanone	7.471	43	851474	242.652	ug/l	100
26) 2,2-Dichloropropane	7.471	77	307392	48.448	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	222747	49.864	ug/l	98
28) Bromochloromethane	7.794	49	245962	68.823	ug/l	94
29) Tetrahydrofuran	7.824	42	567261	251.193	ug/l	100
30) Chloroform	7.947	83	380295	50.401	ug/l	98
31) Cyclohexane	8.236	56	294041	47.712	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	312119	48.810	ug/l	97
36) 1,1-Dichloropropene	8.347	75	245212	51.052	ug/l	97
37) Ethyl Acetate	7.541	43	345834	52.691	ug/l	97
38) Carbon Tetrachloride	8.347	117	265088	55.898	ug/l	97
39) Methylcyclohexane	9.583	83	291228	55.073	ug/l	96
40) Benzene	8.588	78	779652	52.922	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	178403	52.473	ug/l	98
42) 1,2-Dichloroethane	8.653	62	299001	52.815	ug/l	99
43) Isopropyl Acetate	8.677	43	547228	53.402	ug/l	98
44) Trichloroethene	9.335	130	184521	54.860	ug/l	94
45) 1,2-Dichloropropane	9.600	63	203980	52.528	ug/l	100
46) Dibromomethane	9.688	93	155428	56.246	ug/l	96
47) Bromodichloromethane	9.871	83	315780	55.758	ug/l	99
48) Methyl methacrylate	9.665	41	258081	53.245	ug/l	96
49) 1,4-Dioxane	9.688	88	73308	1166.875	ug/l #	98
51) 4-Methyl-2-Pentanone	10.424	43	1693751	273.953	ug/l	98
52) Toluene	10.612	92	495572	54.261	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	332853	56.779	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	341604	56.121	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	202706	57.374	ug/l	97
56) Ethyl methacrylate	10.859	69	327855	58.065	ug/l	96
57) 1,3-Dichloropropane	11.141	76	345485	55.253	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	782005	255.885	ug/l	97
59) 2-Hexanone	11.177	43	1154791	295.539	ug/l	98
60) Dibromochloromethane	11.341	129	235020	57.409	ug/l	98
61) 1,2-Dibromoethane	11.447	107	215454	57.833	ug/l	99
64) Tetrachloroethene	11.082	164	152293	53.644	ug/l	95
65) Chlorobenzene	11.871	112	542528	53.293	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	198995	58.880	ug/l	99
67) Ethyl Benzene	11.941	91	960475	54.491	ug/l	99
68) m/p-Xylenes	12.047	106	731633	113.180	ug/l	95
69) o-Xylene	12.376	106	352248	55.603	ug/l	98
70) Styrene	12.388	104	615294	57.974	ug/l	99
71) Bromoform	12.559	173	165142	63.713	ug/l #	98
73) Isopropylbenzene	12.676	105	909235	49.681	ug/l	99
74) N-amyl acetate	12.506	43	201067	28.991	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.918	83	317356	50.367	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	414939	78.126	ug/l	61
77) Bromobenzene	12.959	156	228891	53.044	ug/l	93
78) n-propylbenzene	13.012	91	1139368	50.543	ug/l	98
79) 2-Chlorotoluene	13.106	91	672391	49.565	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	792404	51.039	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	107938	53.803	ug/l #	80
82) 4-Chlorotoluene	13.200	91	701460	49.180	ug/l	96
83) tert-Butylbenzene	13.418	119	674001	52.096	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	808453	52.018	ug/l	100
85) sec-Butylbenzene	13.594	105	1007598	52.481	ug/l	98
86) p-Isopropyltoluene	13.706	119	841554	53.083	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	445525	52.429	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	456948	51.672	ug/l	98
89) n-Butylbenzene	14.035	91	834441	52.997	ug/l	99
90) Hexachloroethane	14.312	117	165831	54.904	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	426983	52.963	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	74222	49.587	ug/l	91
93) 1,2,4-Trichlorobenzene	15.370	180	273253	56.445	ug/l	98
94) Hexachlorobutadiene	15.476	225	103689	60.079	ug/l	100
95) Naphthalene	15.612	128	923574	53.862	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	262091	55.379	ug/l	97

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

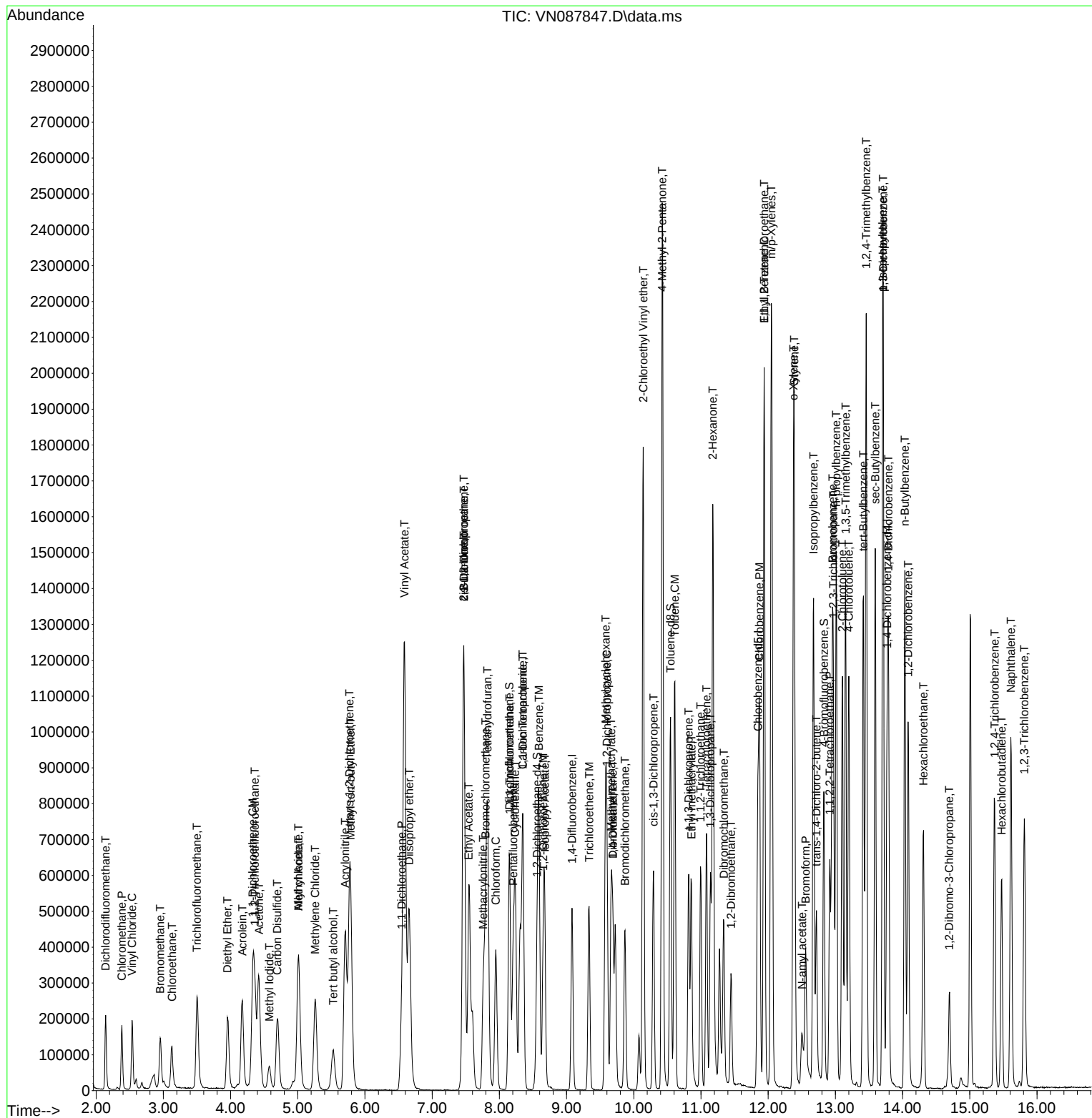
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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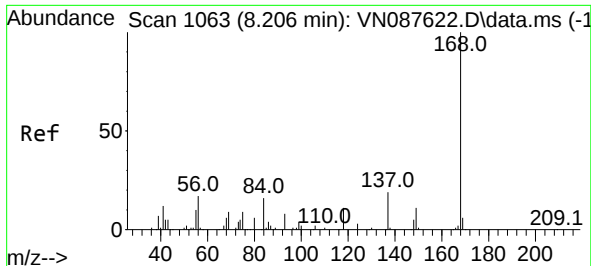
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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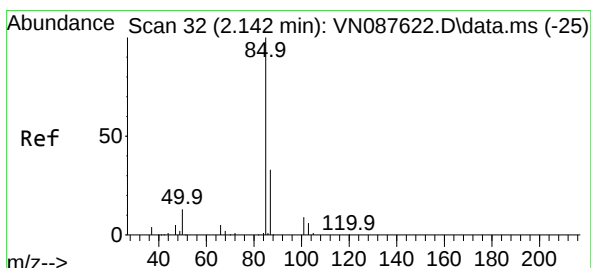
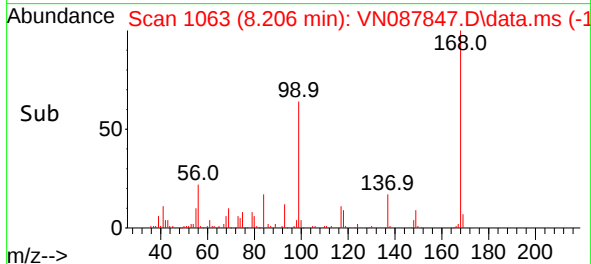
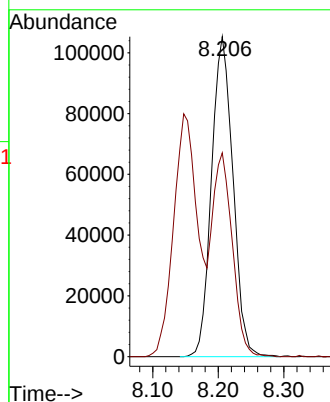
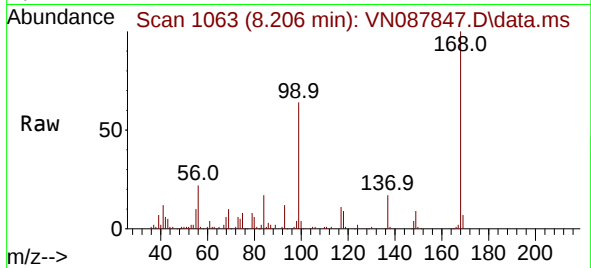




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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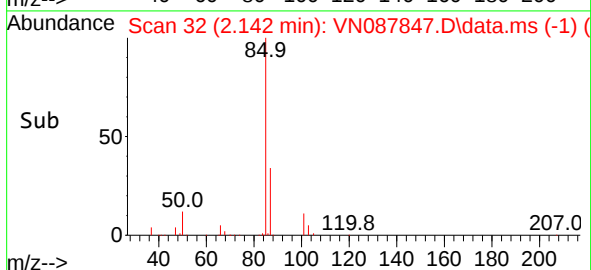
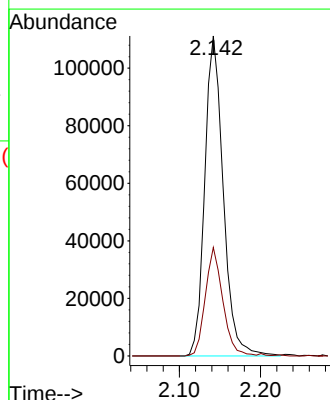
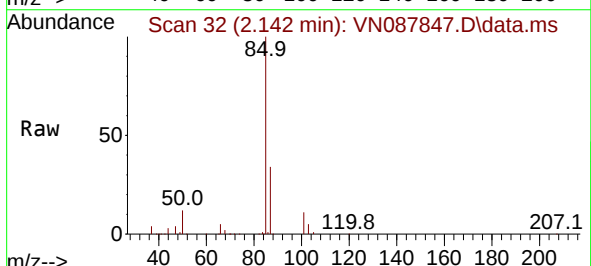
Instrument :
MSVOA_N
ClientSampleId :

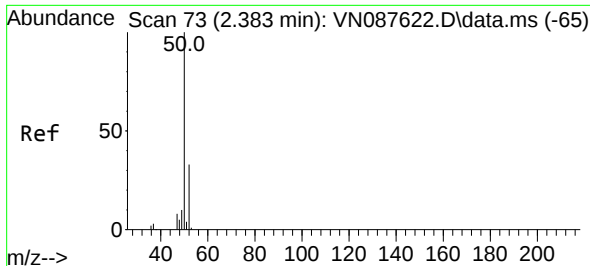
Tgt Ion:168 Resp: 239136
Ion Ratio Lower Upper
168 100
99 63.7 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 51.823 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

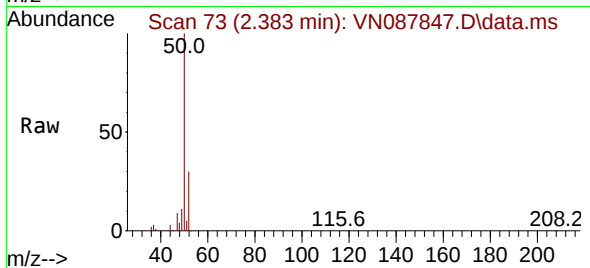
Tgt Ion: 85 Resp: 176013
Ion Ratio Lower Upper
85 100
87 33.9 16.6 49.8



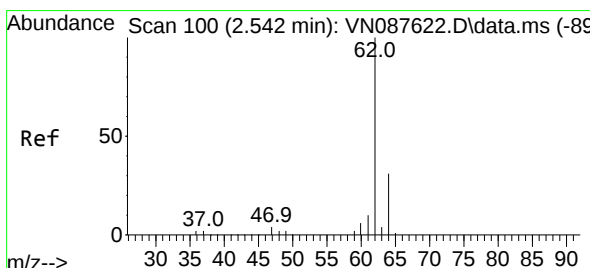
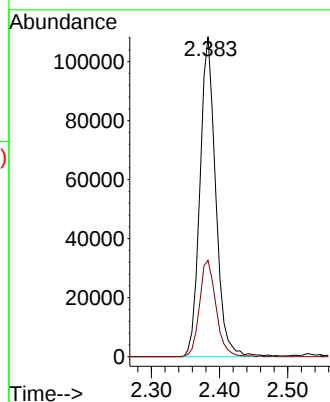
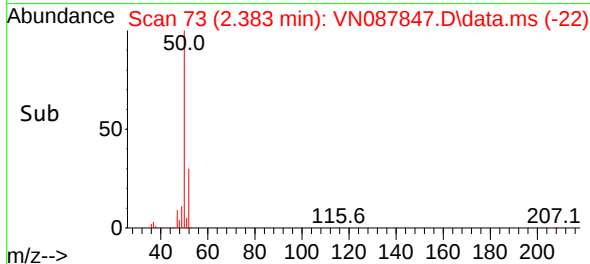


#3
Chloromethane
Concen: 49.922 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

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ClientSampleId :

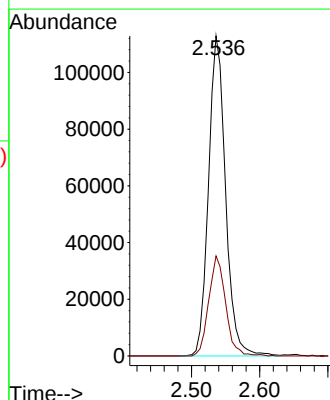
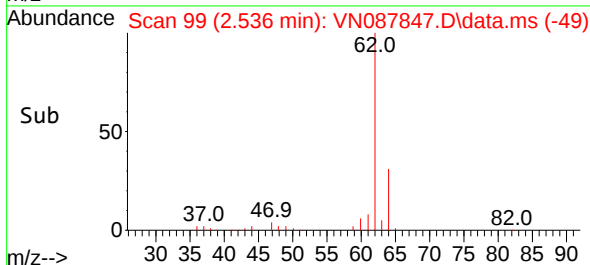
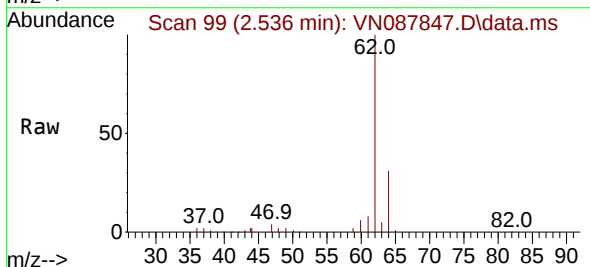


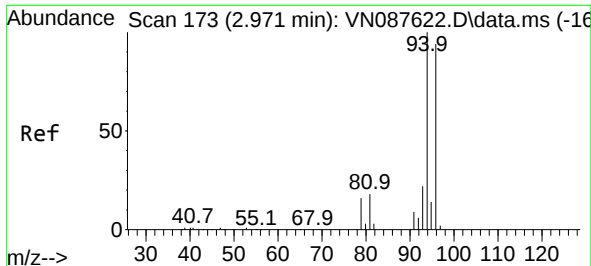
Tgt Ion: 50 Resp: 174247
Ion Ratio Lower Upper
50 100
52 30.1 26.2 39.4



#4
Vinyl Chloride
Concen: 48.605 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion: 62 Resp: 196704
Ion Ratio Lower Upper
62 100
64 31.3 24.6 37.0

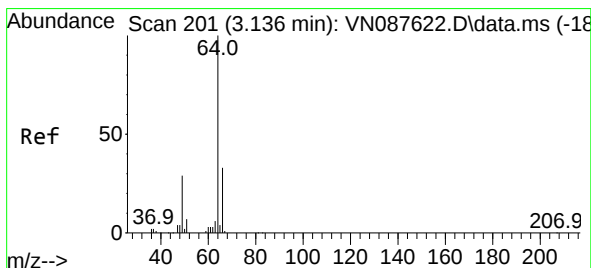
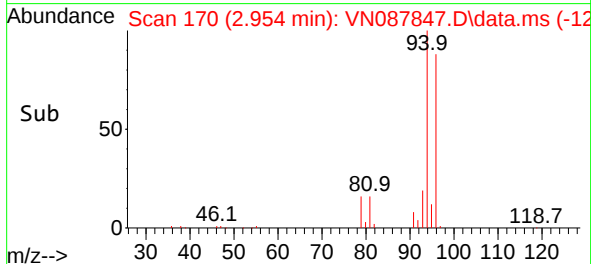
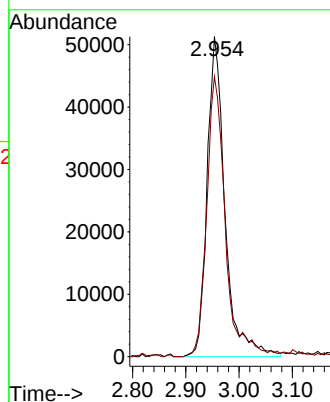
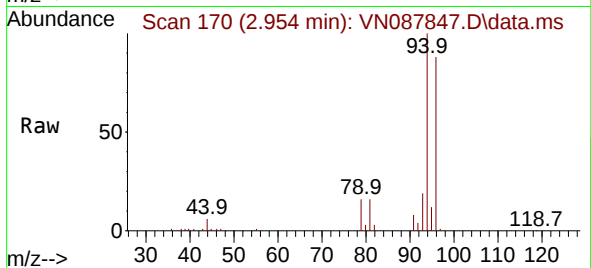




#5
Bromomethane
Concen: 56.992 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087847.D
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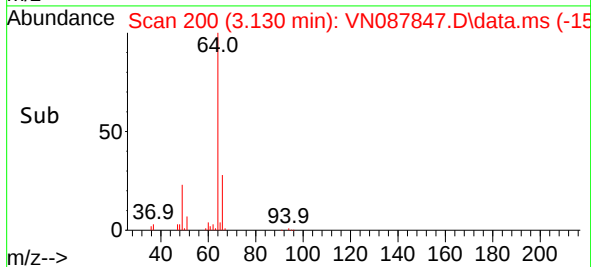
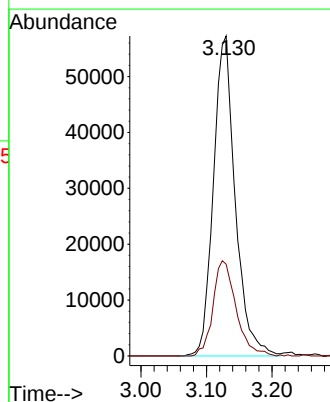
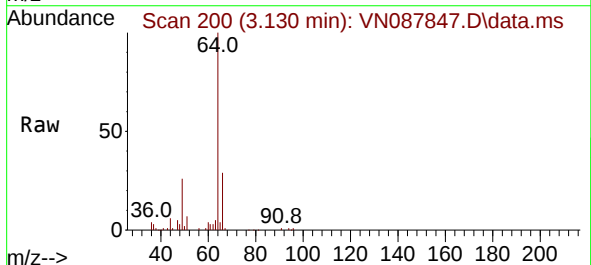
Instrument :
MSVOA_N
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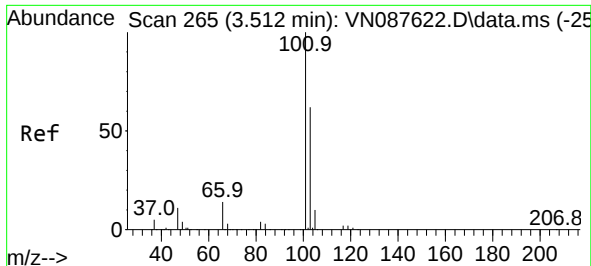
Tgt Ion: 94 Resp: 119010
Ion Ratio Lower Upper
94 100
96 87.5 75.4 113.2



#6
Chloroethane
Concen: 46.480 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
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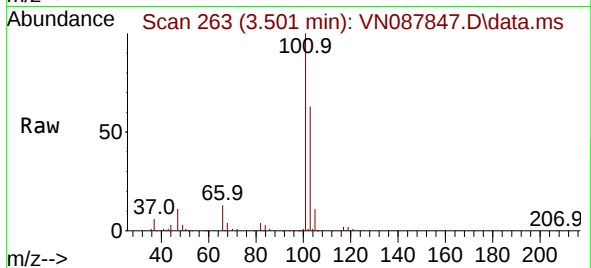
Tgt Ion: 64 Resp: 132207
Ion Ratio Lower Upper
64 100
66 28.7 26.2 39.2



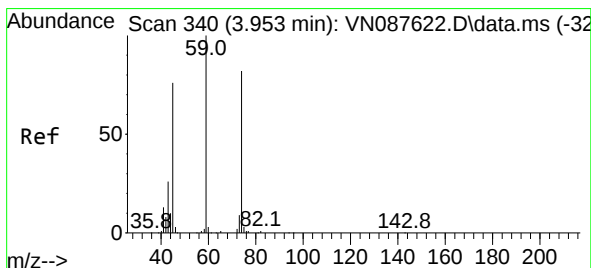
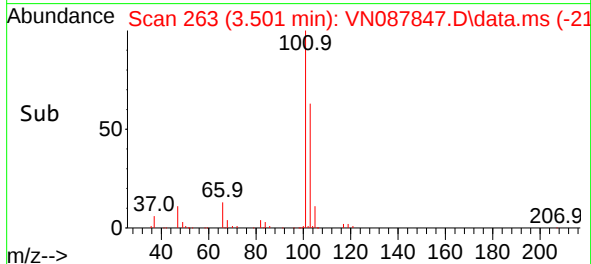
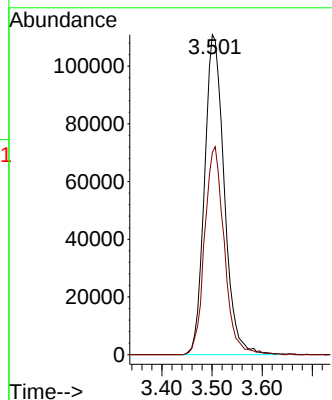


#7
 Trichlorofluoromethane
 Concen: 50.968 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

Instrument :
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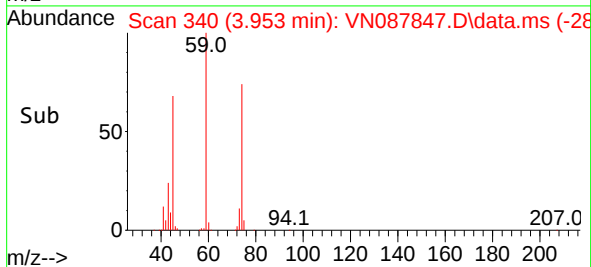
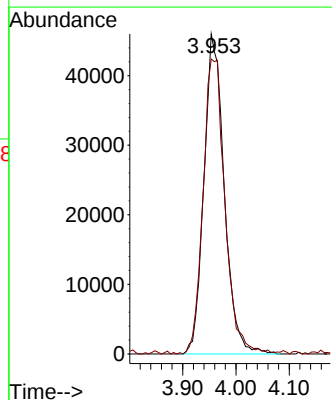
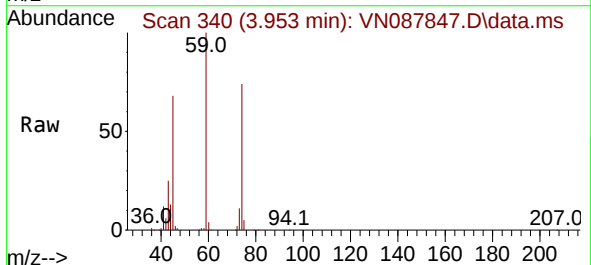


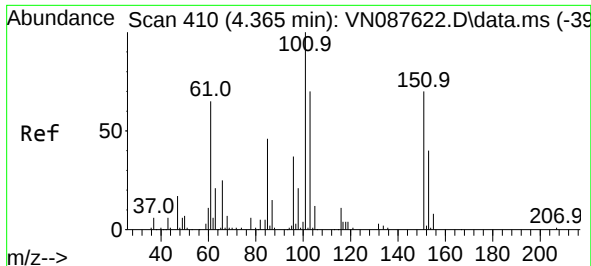
Tgt Ion:101 Resp: 302201
 Ion Ratio Lower Upper
 101 100
 103 63.2 49.4 74.0



#8
 Diethyl Ether
 Concen: 47.204 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

Tgt Ion: 74 Resp: 121893
 Ion Ratio Lower Upper
 74 100
 45 99.2 50.6 151.9

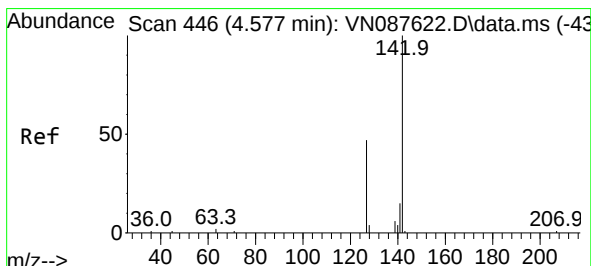
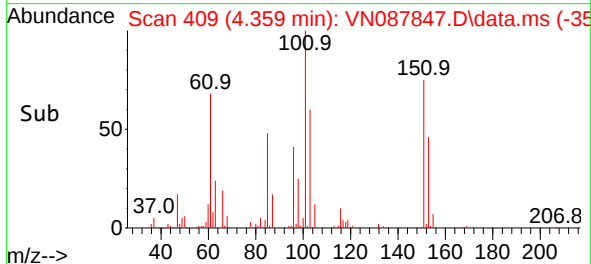
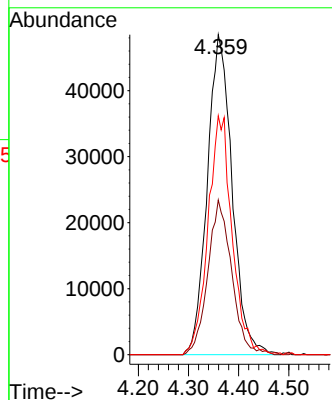
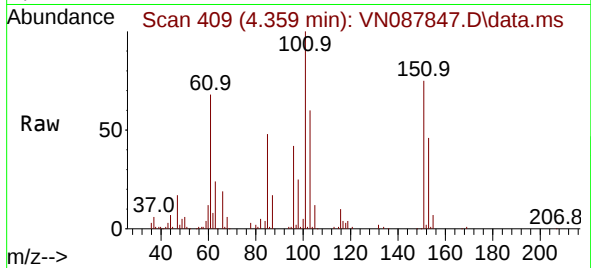




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.690 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

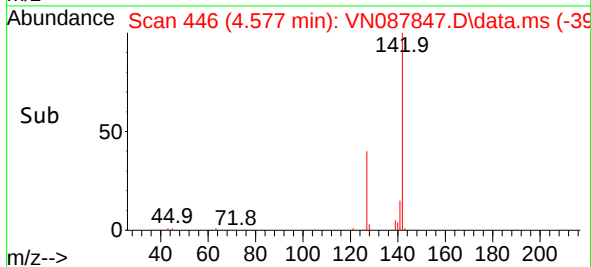
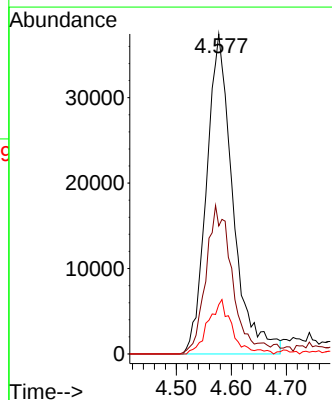
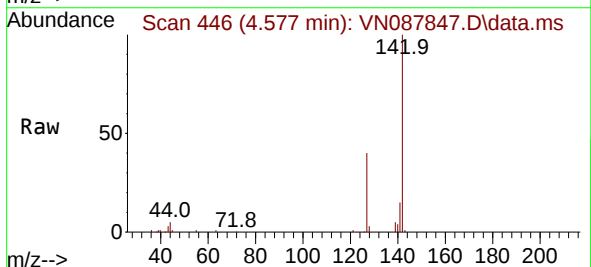
Instrument :
MSVOA_N
ClientSampleId :

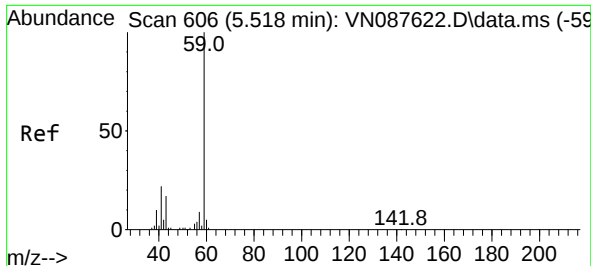
Tgt Ion:101 Resp: 166711
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 72.7 54.7 82.1



#10
Methyl Iodide
Concen: 49.892 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion:142 Resp: 125052
Ion Ratio Lower Upper
142 100
127 40.0 38.0 57.0
141 15.4 12.0 18.0

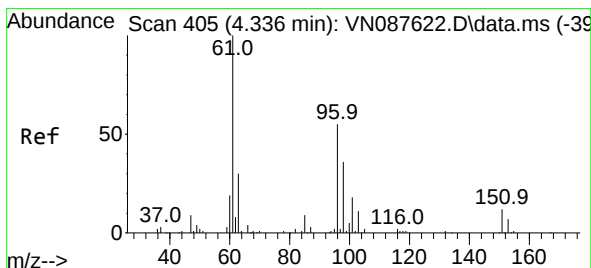
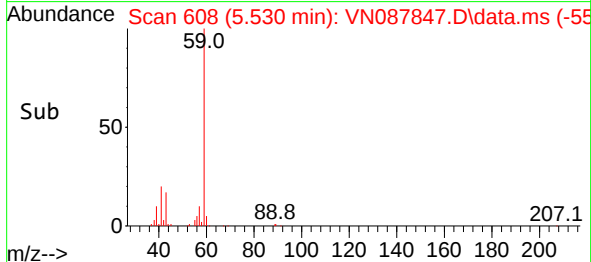
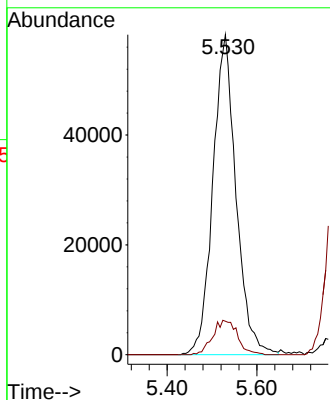
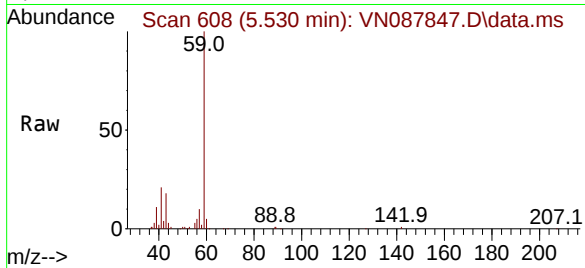




#11
Tert butyl alcohol
Concen: 245.456 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

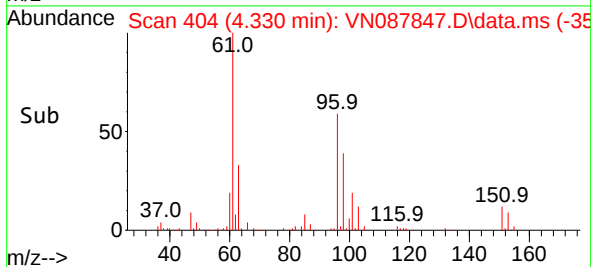
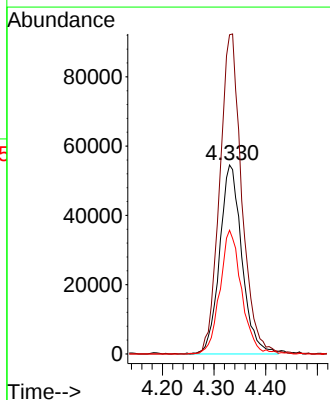
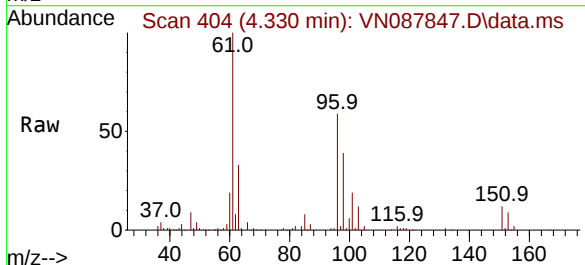
Instrument :
MSVOA_N
ClientSampleId :

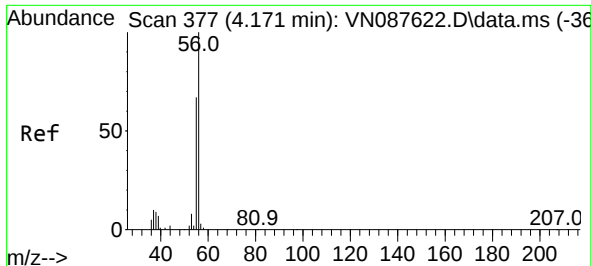
Tgt Ion: 59 Resp: 208783
Ion Ratio Lower Upper
59 100
57 11.5 9.0 13.4



#12
1,1-Dichloroethene
Concen: 47.305 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion: 96 Resp: 163096
Ion Ratio Lower Upper
96 100
61 168.9 143.8 215.8
98 65.5 52.1 78.1

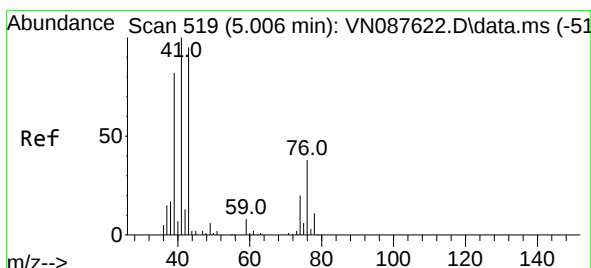
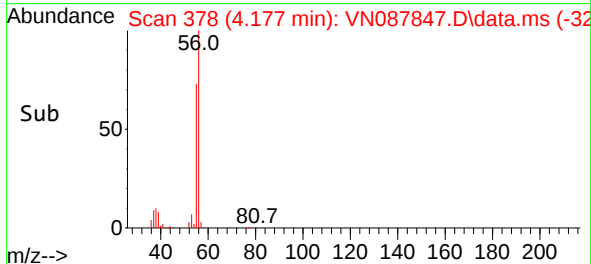
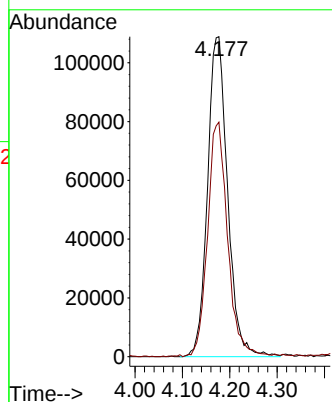
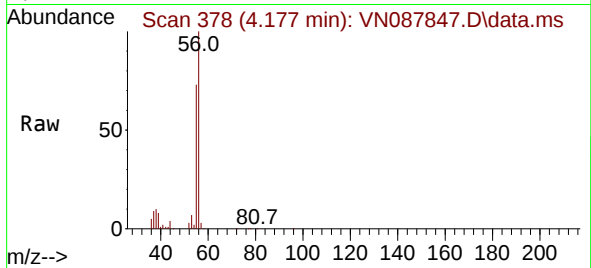




#13
Acrolein
Concen: 306.284 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

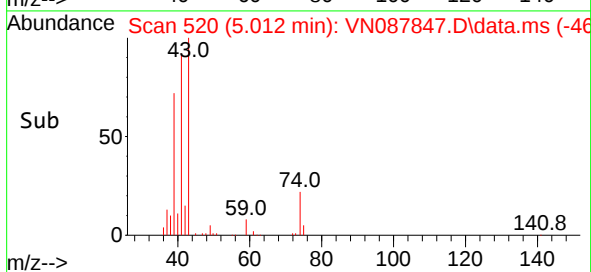
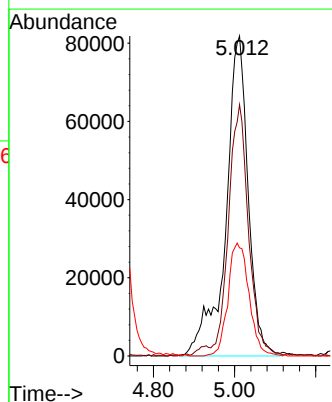
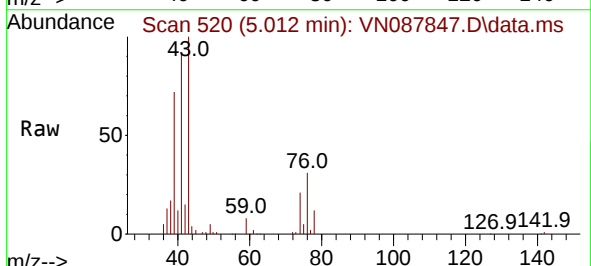
Instrument :
MSVOA_N
ClientSampleId :

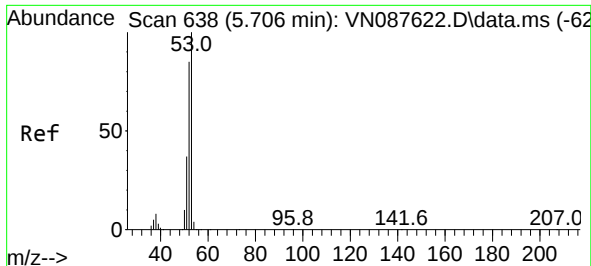
Tgt Ion: 56 Resp: 320278
Ion Ratio Lower Upper
56 100
55 73.2 57.3 85.9



#14
Allyl chloride
Concen: 50.391 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

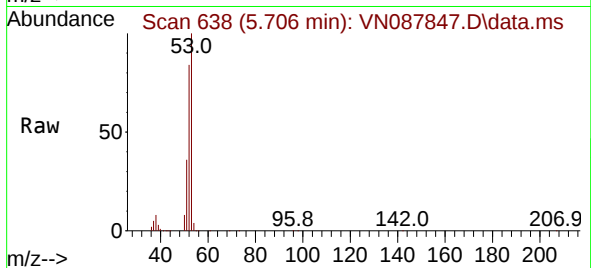
Tgt Ion: 41 Resp: 314832
Ion Ratio Lower Upper
41 100
39 68.7 63.9 95.9
76 33.0 28.1 42.1



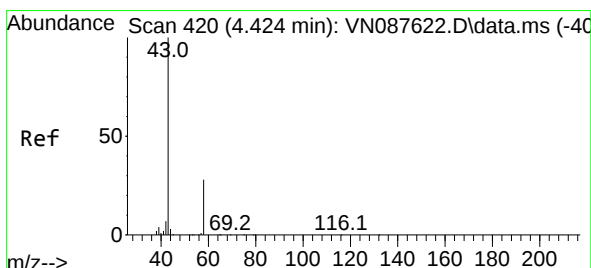
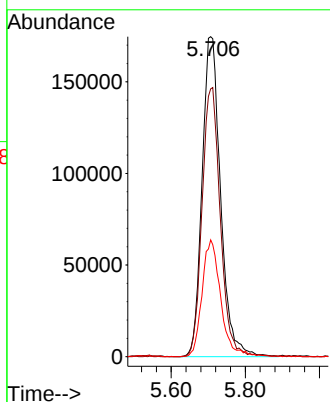
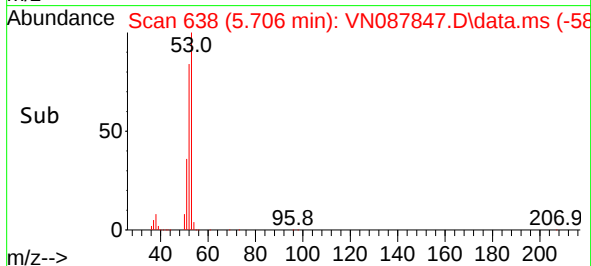


#15
Acrylonitrile
Concen: 252.369 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

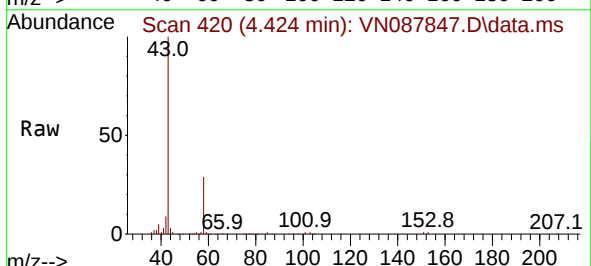
Instrument :
MSVOA_N
ClientSampleId :



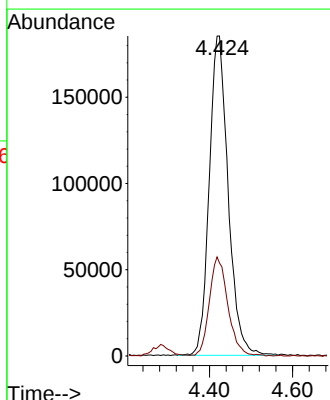
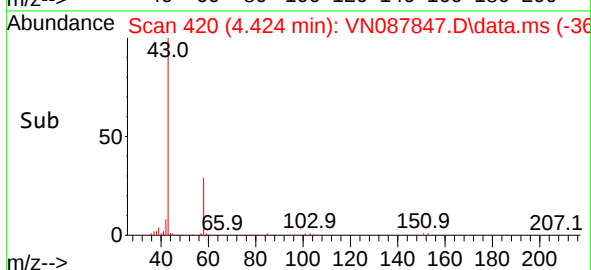
Tgt Ion: 53 Resp: 605404
Ion Ratio Lower Upper
53 100
52 83.0 67.6 101.4
51 36.9 30.1 45.1

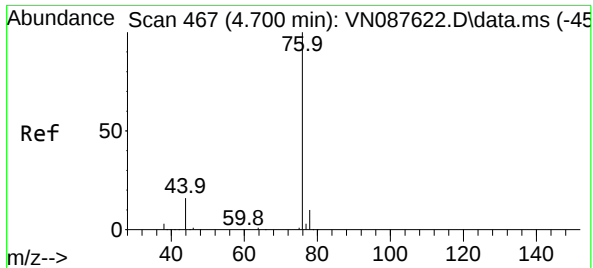


#16
Acetone
Concen: 219.048 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



Tgt Ion: 43 Resp: 584245
Ion Ratio Lower Upper
43 100
58 29.0 22.6 33.8

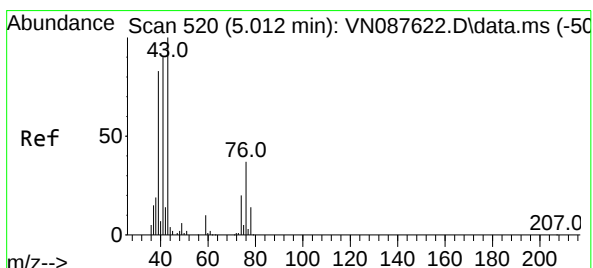
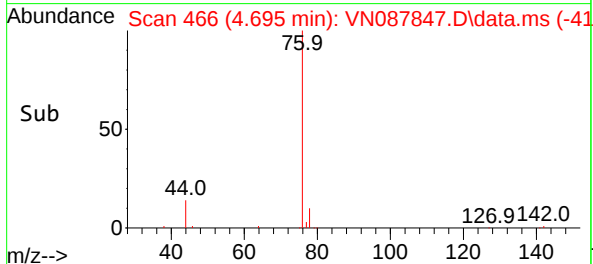
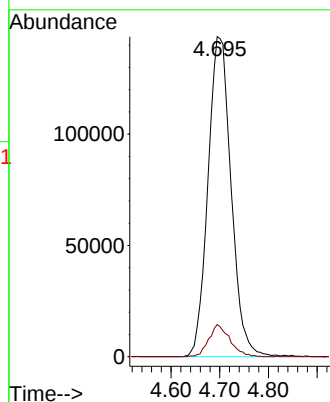
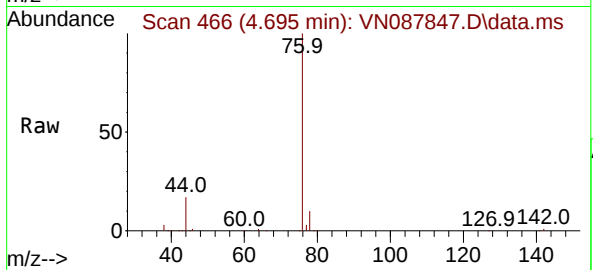




#17
Carbon Disulfide
Concen: 49.974 ug/l
RT: 4.695 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

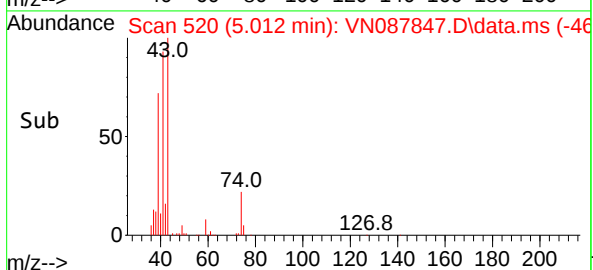
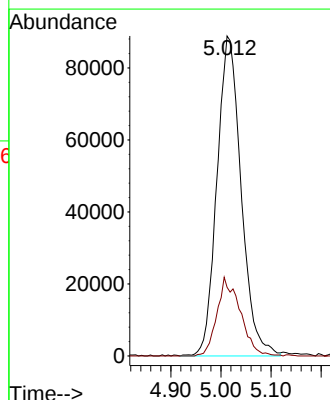
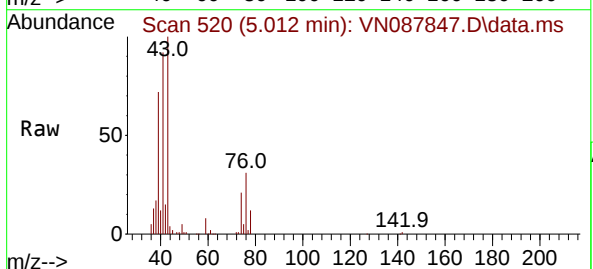
Instrument :
MSVOA_N
ClientSampleId :

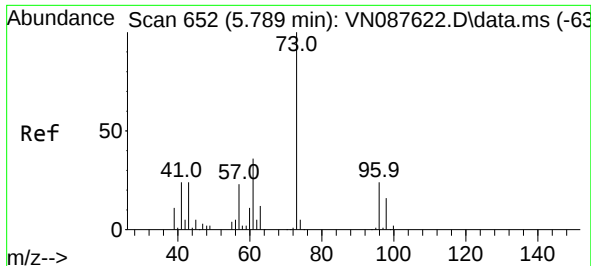
Tgt Ion: 76 Resp: 474332
Ion Ratio Lower Upper
76 100
78 10.1 7.6 11.4



#18
Methyl Acetate
Concen: 53.395 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion: 43 Resp: 298186
Ion Ratio Lower Upper
43 100
74 23.7 17.6 26.4

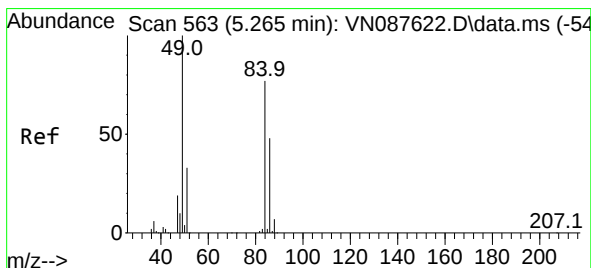
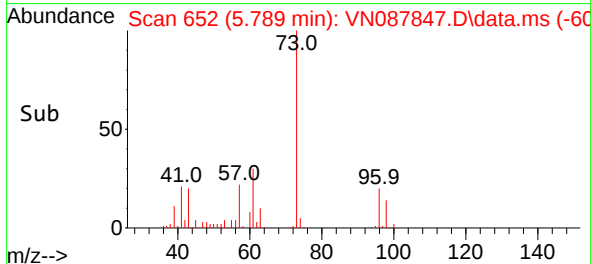
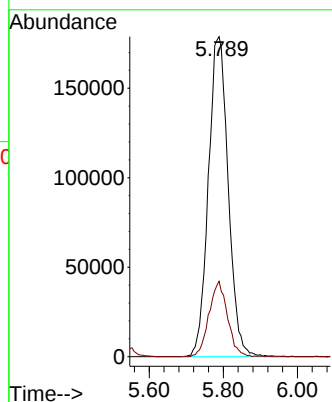
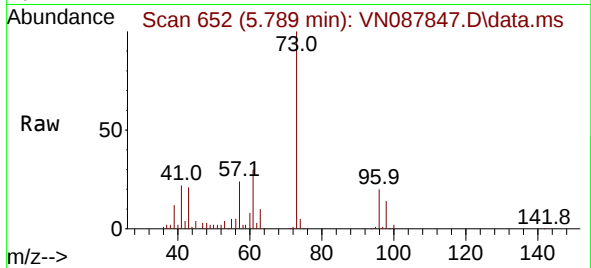




#19
Methyl tert-butyl Ether
Concen: 51.280 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

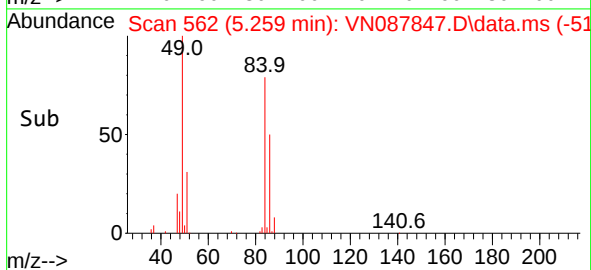
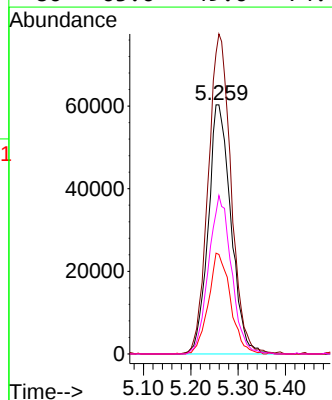
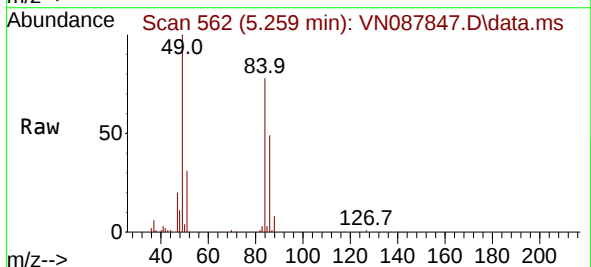
Instrument :
MSVOA_N
ClientSampleId :

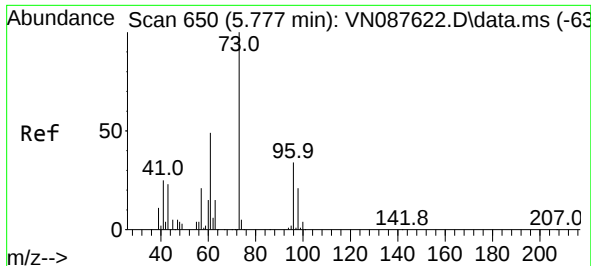
Tgt Ion: 73 Resp: 663246
Ion Ratio Lower Upper
73 100
57 23.6 18.4 27.6



#20
Methylene Chloride
Concen: 52.170 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

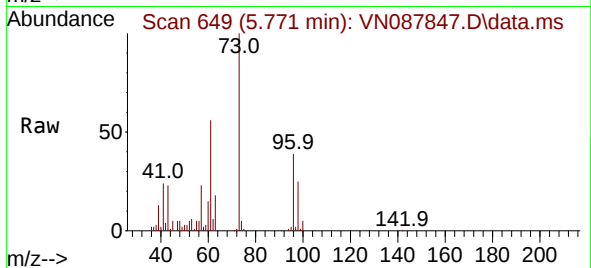
Tgt Ion: 84 Resp: 201058
Ion Ratio Lower Upper
84 100
49 128.5 103.4 155.2
51 39.9 33.8 50.8
86 63.6 49.6 74.4



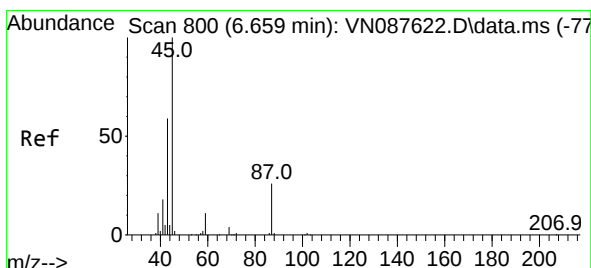
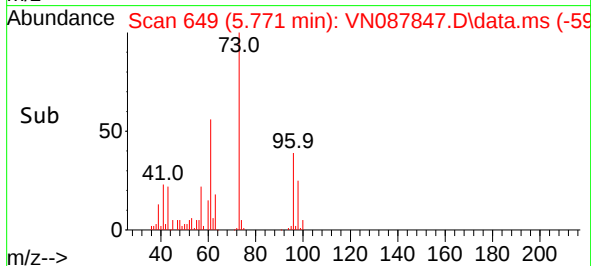
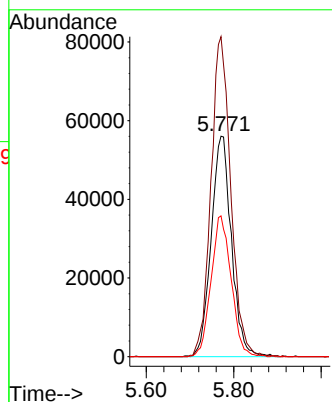


#21
trans-1,2-Dichloroethene
Concen: 48.209 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Instrument :
MSVOA_N
ClientSampleId :

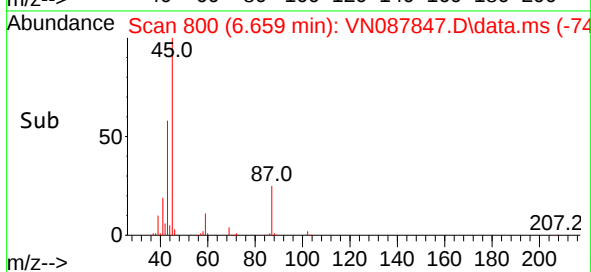
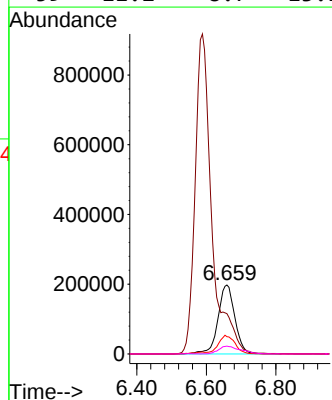
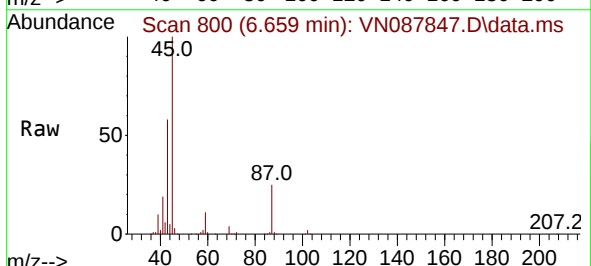


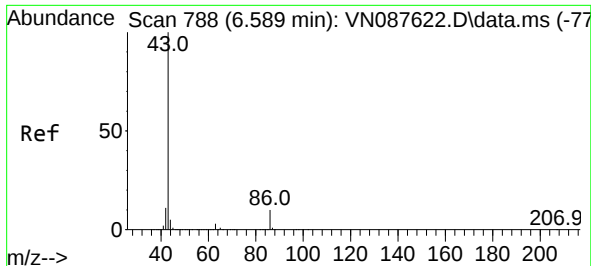
Tgt Ion: 96 Resp: 180140
Ion Ratio Lower Upper
96 100
61 145.2 118.0 177.0
98 63.9 50.0 75.0



#22
Diisopropyl ether
Concen: 49.251 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion: 45 Resp: 664049
Ion Ratio Lower Upper
45 100
43 58.0 47.7 71.5
87 25.0 21.4 32.0
59 11.2 8.7 13.1

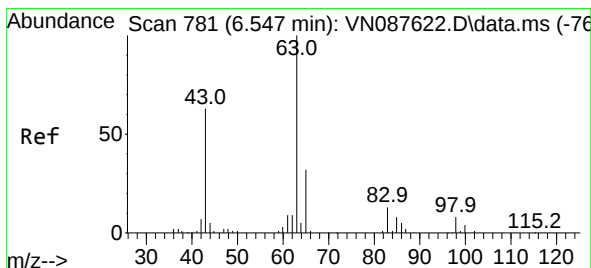
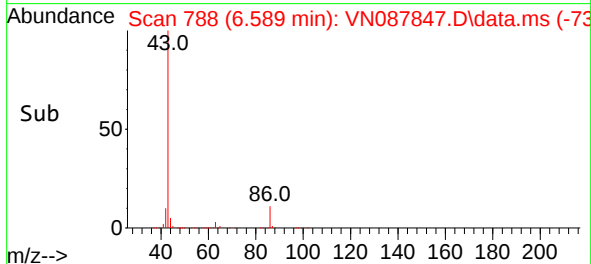
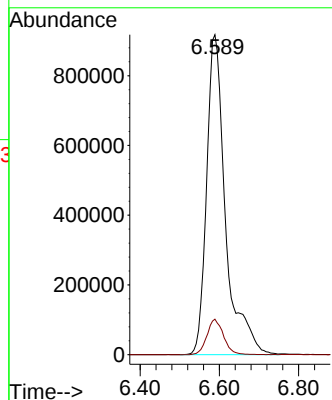
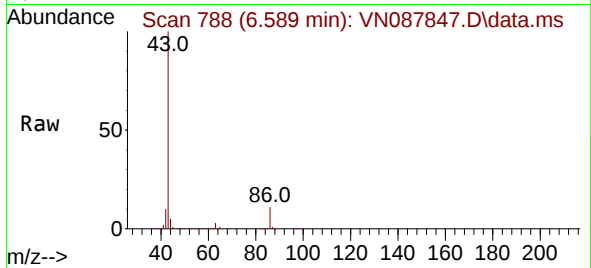




#23
 Vinyl Acetate
 Concen: 247.925 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

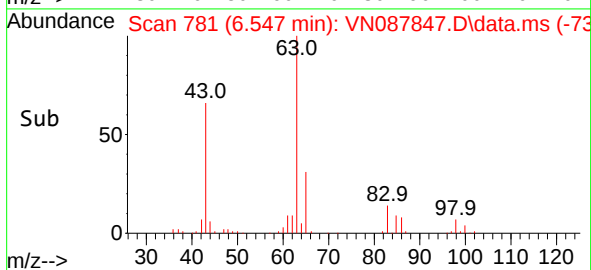
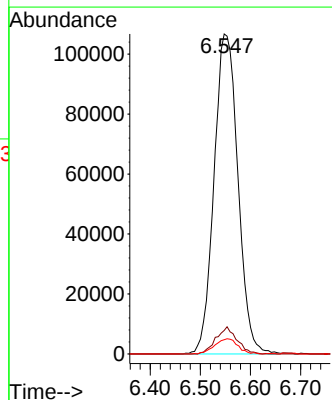
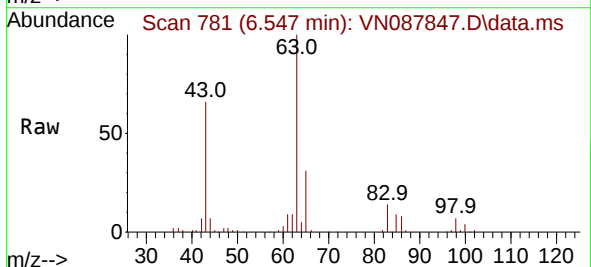
Instrument :
 MSVOA_N
 ClientSampleId :

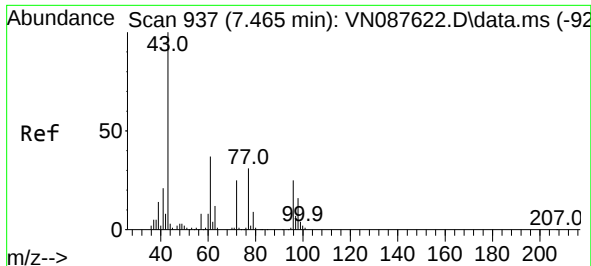
Tgt Ion: 43 Resp: 3041175
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 47.768 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

Tgt Ion: 63 Resp: 353124
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.4
 100 4.4 2.0 6.0

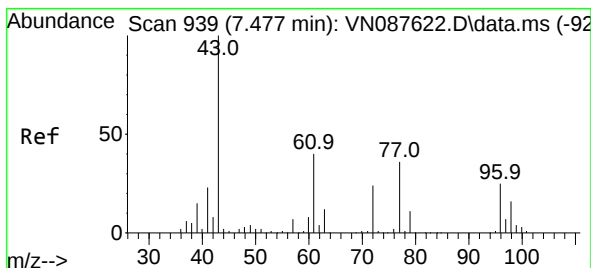
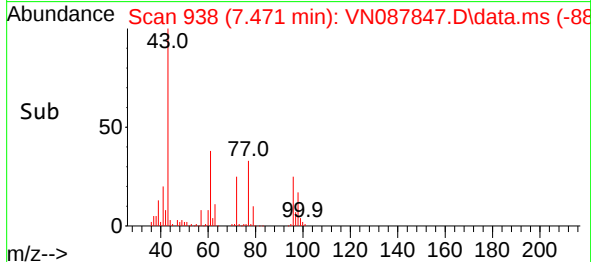
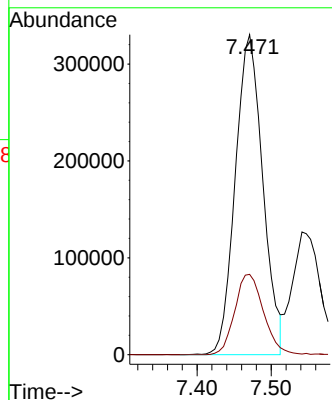
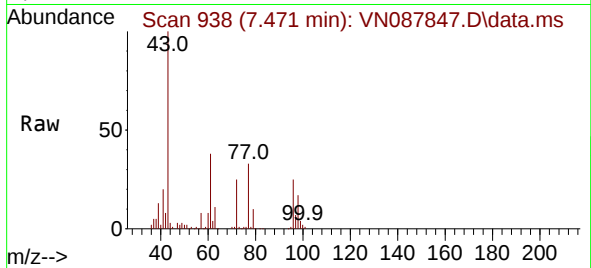




#25
2-Butanone
Concen: 242.652 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

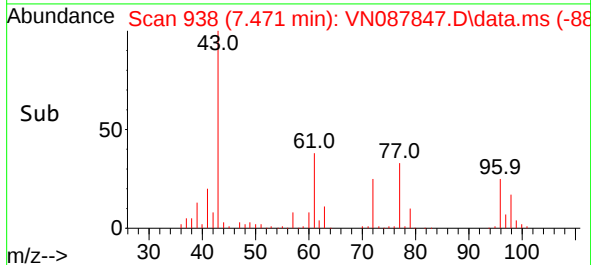
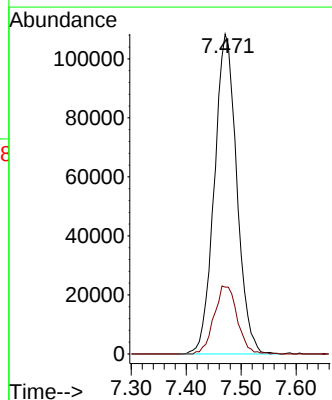
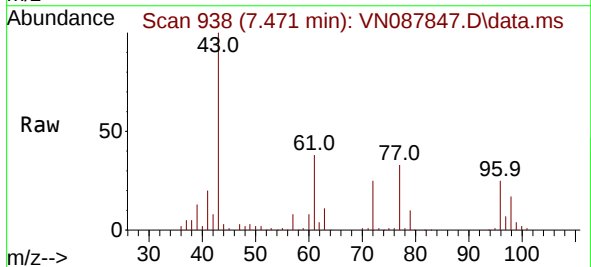
Instrument :
MSVOA_N
ClientSampleId :

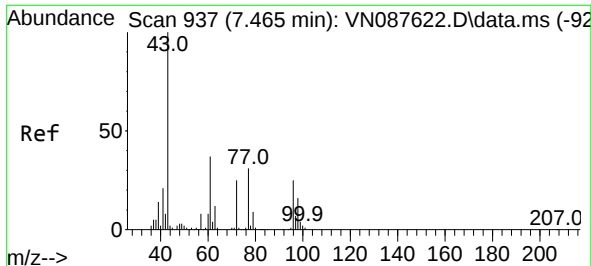
Tgt Ion: 43 Resp: 851474
Ion Ratio Lower Upper
43 100
72 25.1 19.9 29.9



#26
2,2-Dichloropropane
Concen: 48.448 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

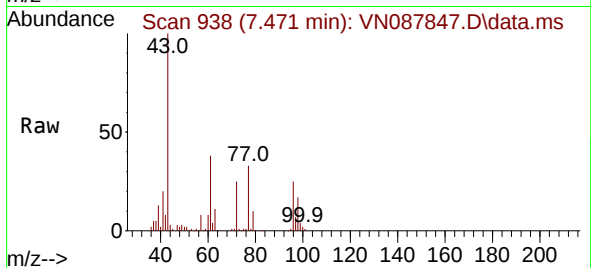
Tgt Ion: 77 Resp: 307392
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.7



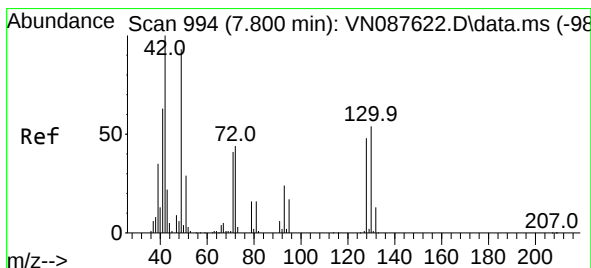
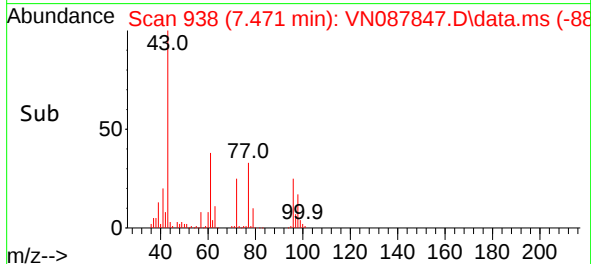
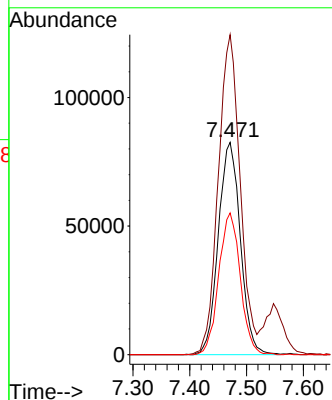


#27
 cis-1,2-Dichloroethene
 Concen: 49.864 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

Instrument :
 MSVOA_N
 ClientSampleId :

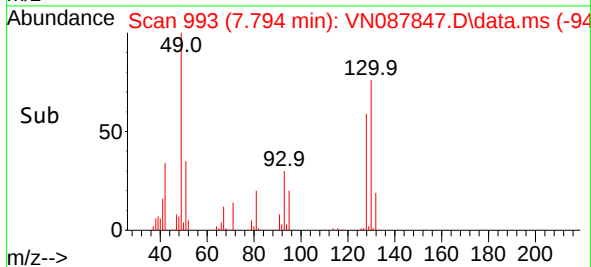
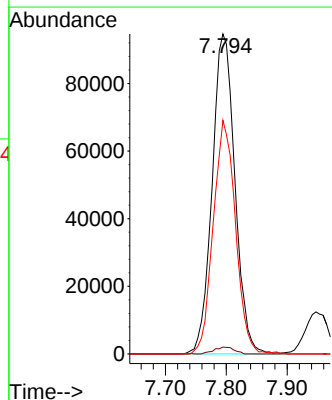
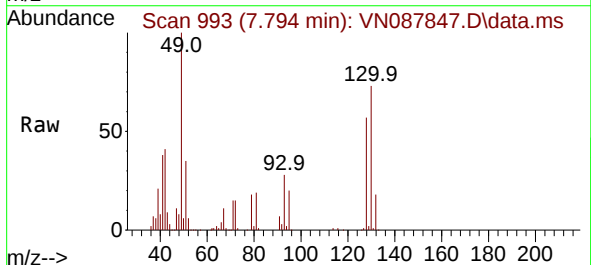


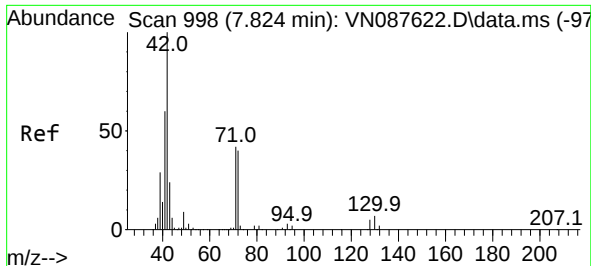
Tgt Ion: 96 Resp: 222747
 Ion Ratio Lower Upper
 96 100
 61 149.3 0.0 301.8
 98 65.3 0.0 126.2



#28
 Bromochloromethane
 Concen: 68.823 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

Tgt Ion: 49 Resp: 245962
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.0
 130 71.2 53.1 79.7





#29

Tetrahydrofuran

Concen: 251.193 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

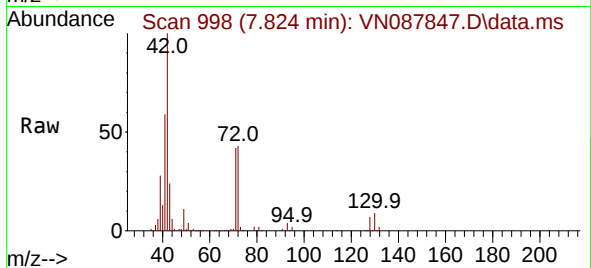
Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

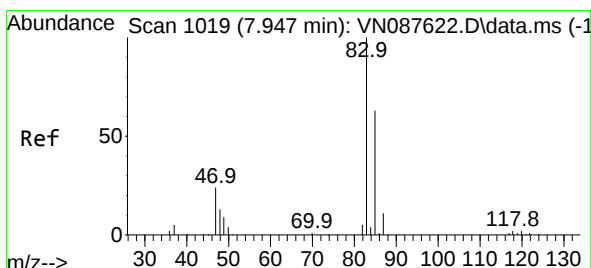
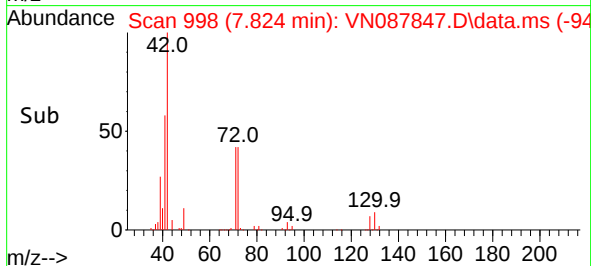
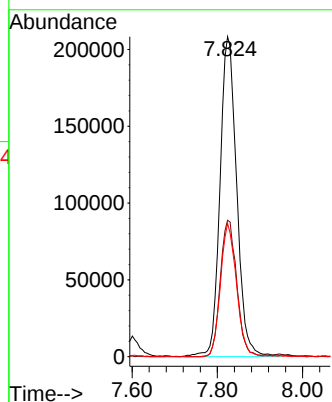
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	567261
Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.7	50.5
71	39.7	31.9	47.9



#30

Chloroform

Concen: 50.401 ug/l

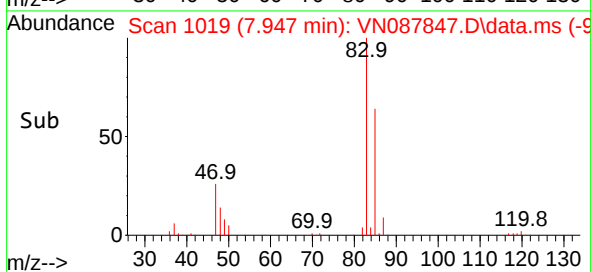
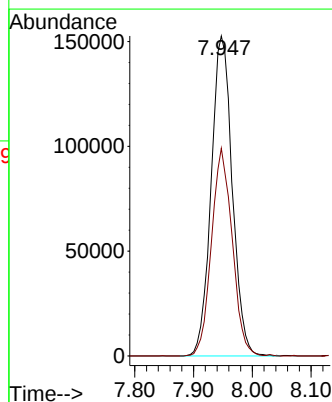
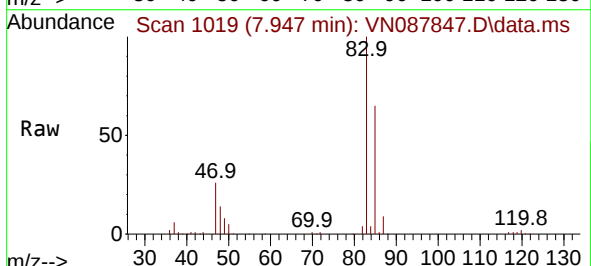
RT: 7.947 min Scan# 1019

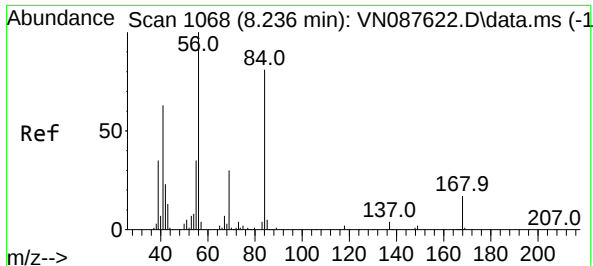
Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

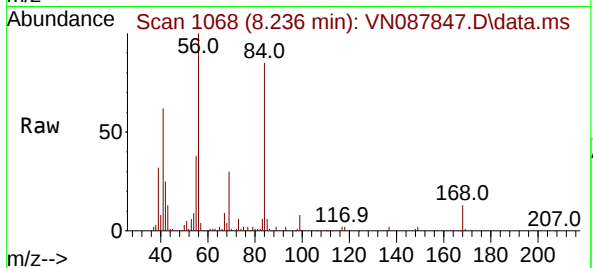
Tgt Ion:	83	Resp:	380295
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.7	76.1



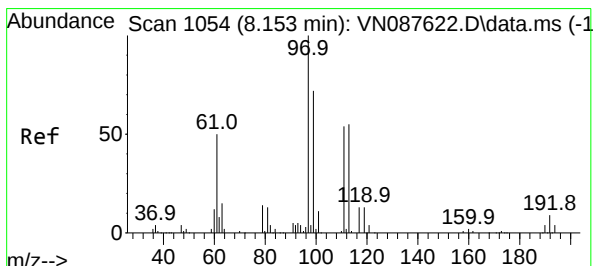
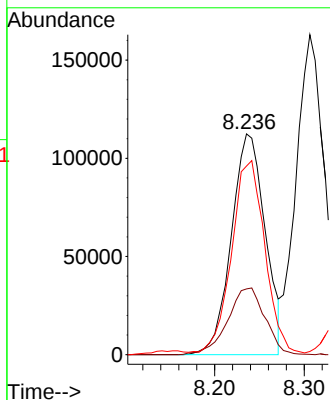
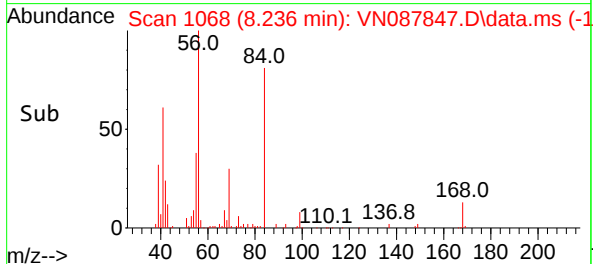


#31
Cyclohexane
Concen: 47.712 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Instrument :
MSVOA_N
ClientSampleId :

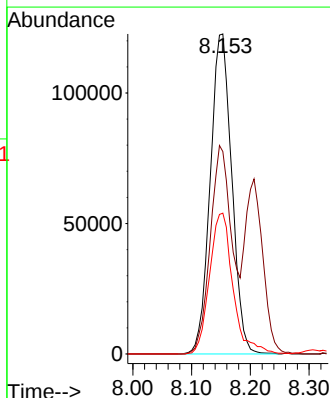
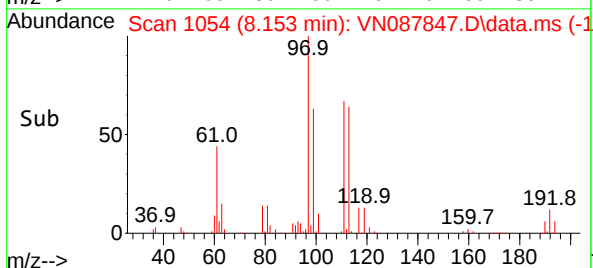
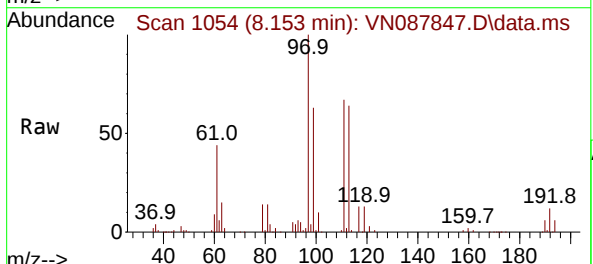


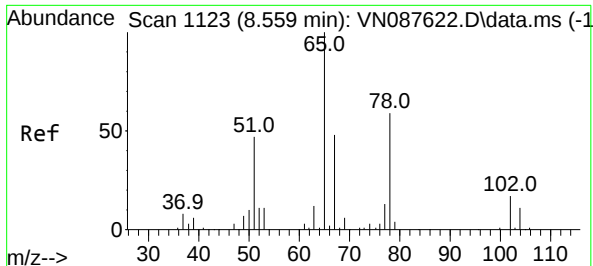
Tgt Ion: 56 Resp: 294041
Ion Ratio Lower Upper
56 100
69 29.8 23.7 35.5
84 83.7 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 48.810 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion: 97 Resp: 312119
Ion Ratio Lower Upper
97 100
99 66.0 52.2 78.2
61 47.9 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 53.823 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

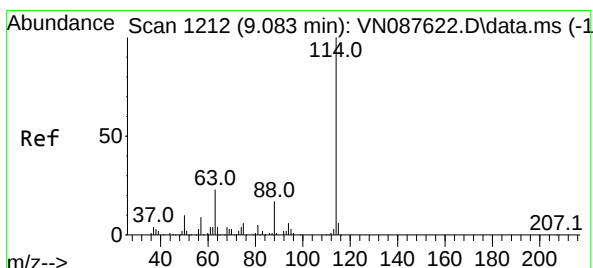
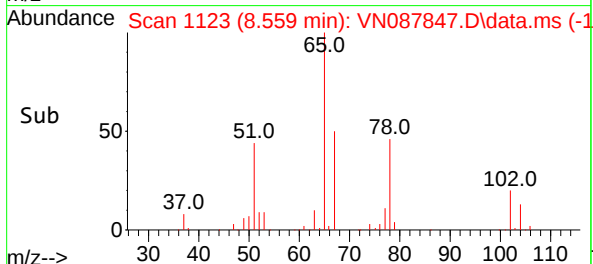
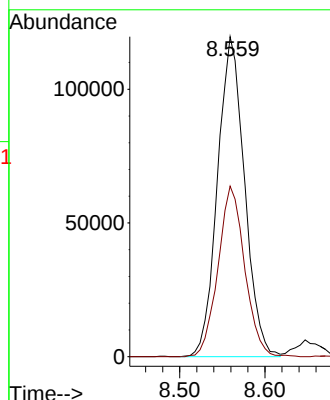
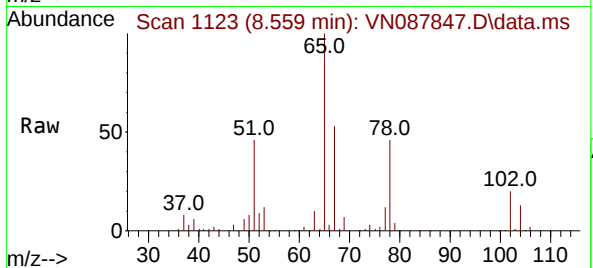
ClientSampleId :

Tgt Ion: 65 Resp: 263710

Ion Ratio Lower Upper

65 100

67 52.5 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: VN087847.D

Acq: 16 Sep 2025 13:55

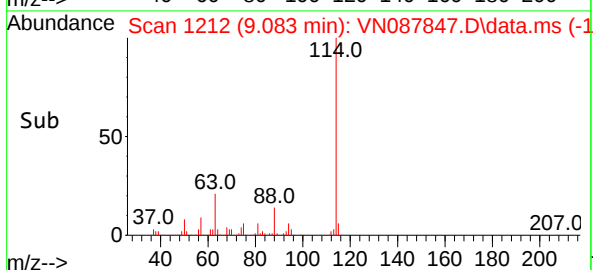
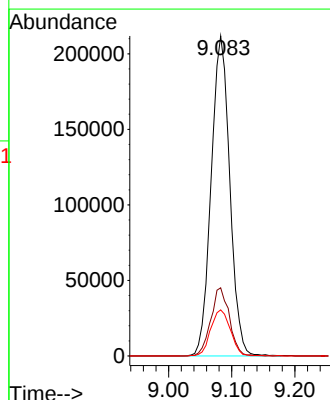
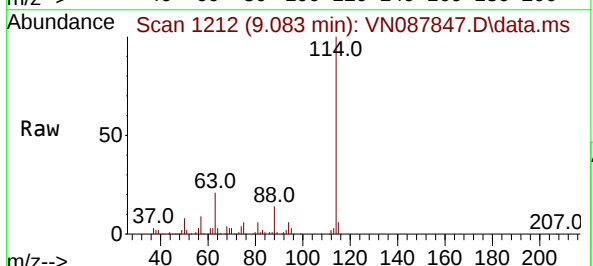
Tgt Ion: 114 Resp: 433645

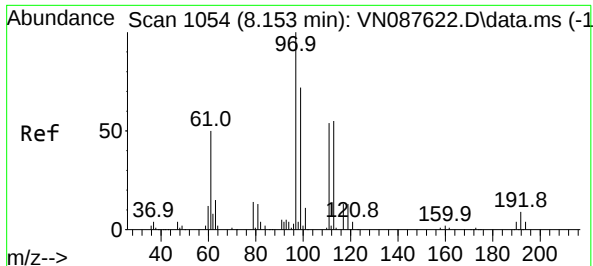
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.2

88 14.4 0.0 33.4

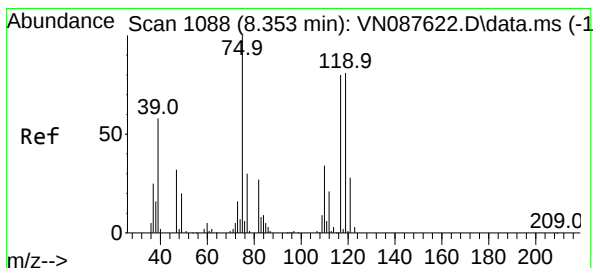
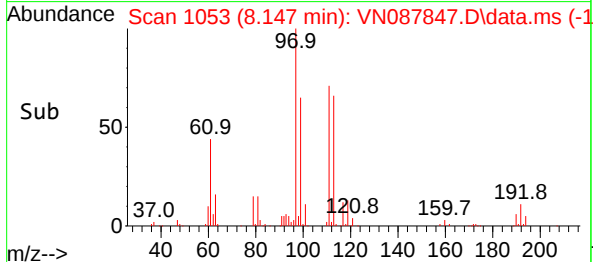
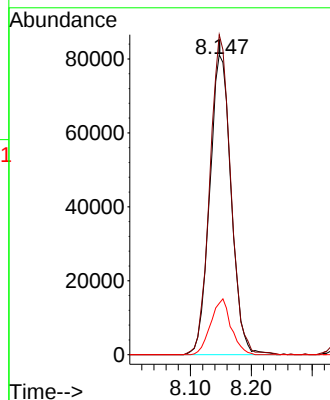
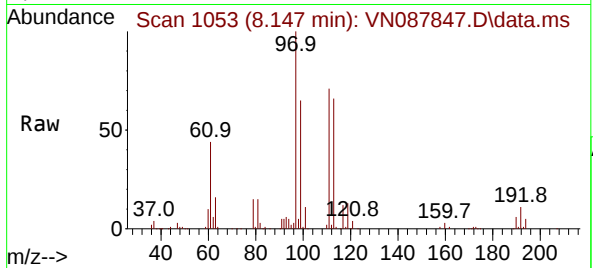




#35
Dibromofluoromethane
Concen: 63.355 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

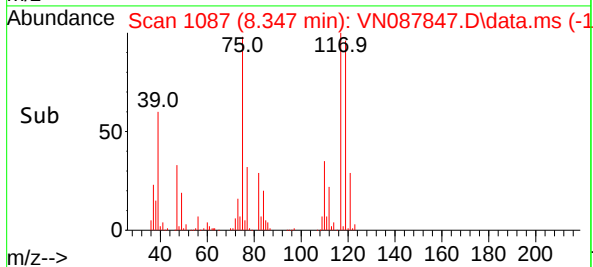
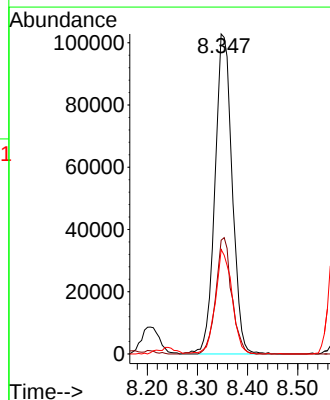
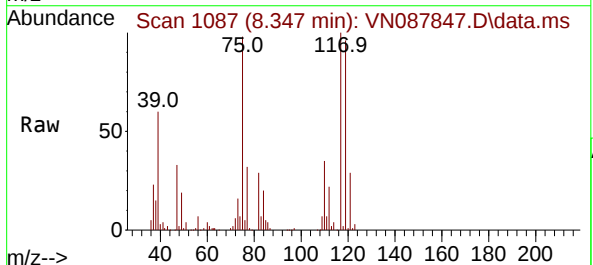
Instrument :
MSVOA_N
ClientSampleId :

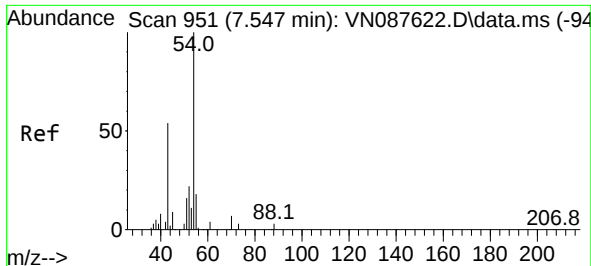
Tgt Ion:113 Resp: 198358
Ion Ratio Lower Upper
113 100
111 104.1 82.8 124.2
192 17.7 12.8 19.2



#36
1,1-Dichloropropene
Concen: 51.052 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

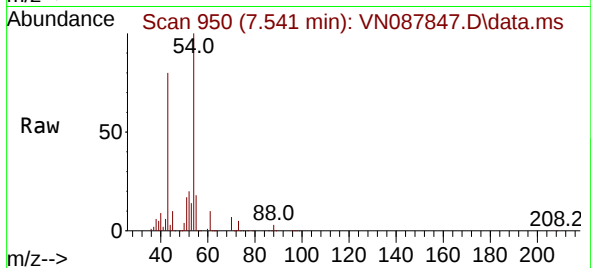
Tgt Ion: 75 Resp: 245212
Ion Ratio Lower Upper
75 100
110 33.8 15.9 47.6
77 31.5 24.4 36.6



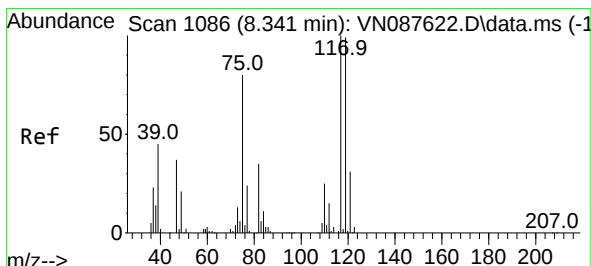
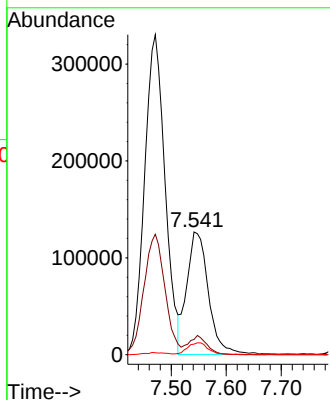
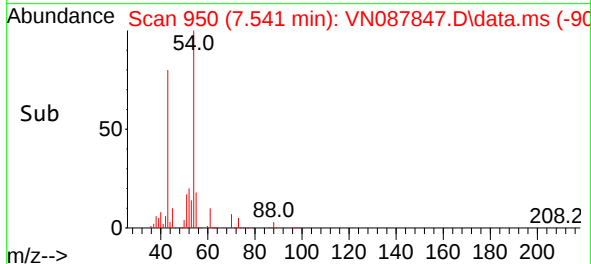


#37
Ethyl Acetate
Concen: 52.691 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Instrument :
MSVOA_N
ClientSampleId :

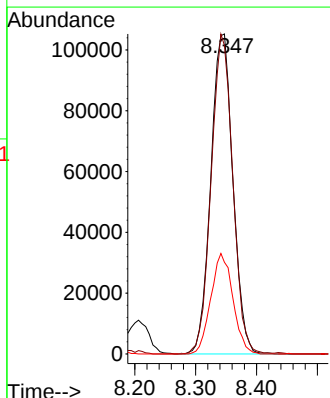
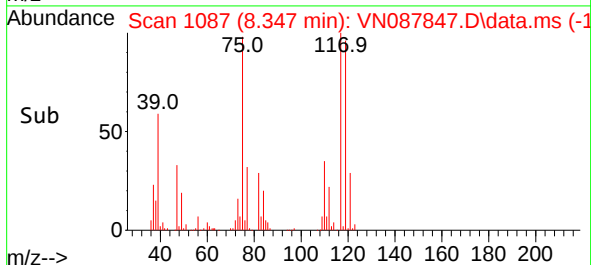
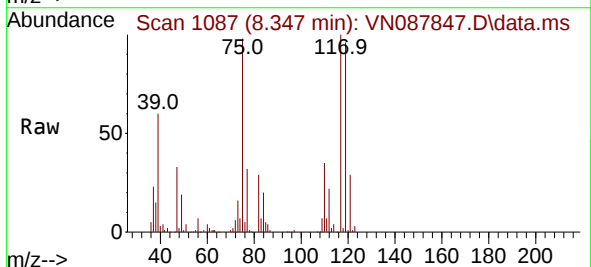


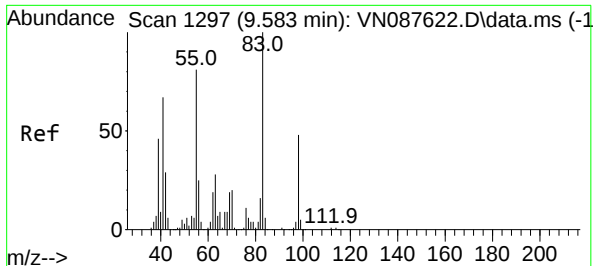
Tgt Ion: 43 Resp: 345834
Ion Ratio Lower Upper
43 100
61 13.4 9.3 13.9
70 9.3 7.0 10.6



#38
Carbon Tetrachloride
Concen: 55.898 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion: 117 Resp: 265088
Ion Ratio Lower Upper
117 100
119 96.4 79.0 118.6
121 28.6 25.0 37.6





#39

Methylcyclohexane

Concen: 55.073 ug/l

RT: 9.583 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

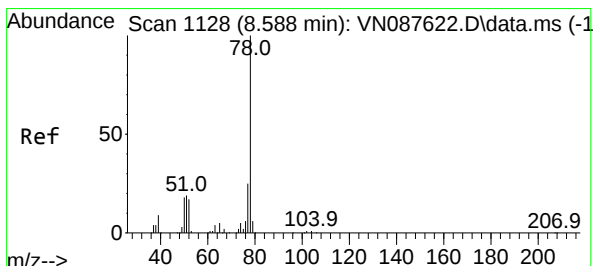
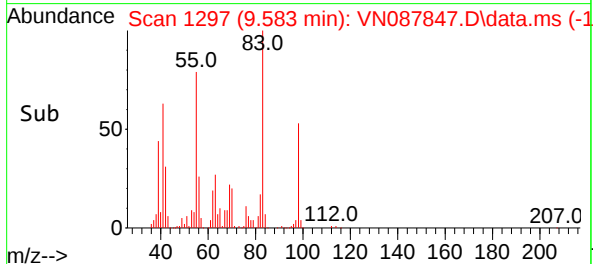
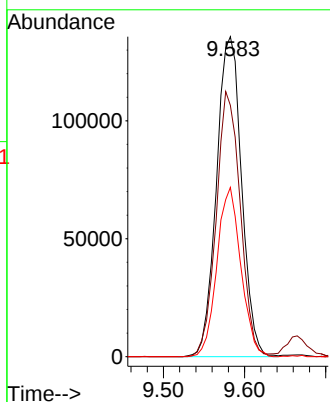
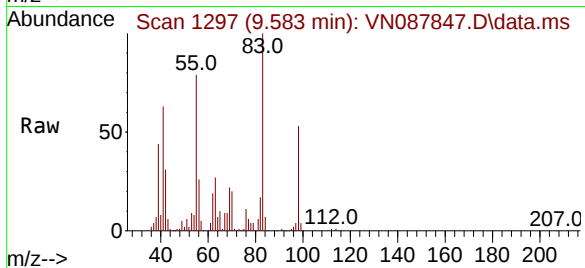
Tgt Ion: 83 Resp: 291228

Ion Ratio Lower Upper

83 100

55 78.5 64.6 96.8

98 52.9 38.4 57.6



#40

Benzene

Concen: 52.922 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087847.D

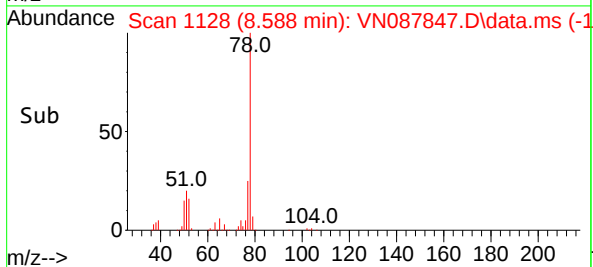
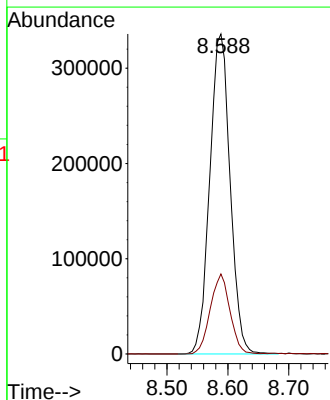
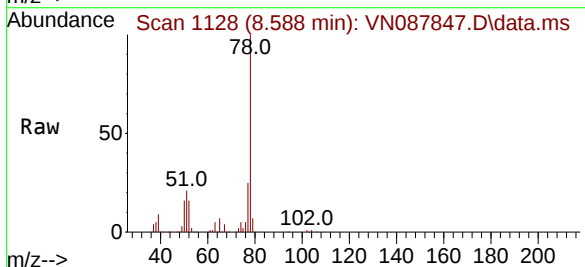
Acq: 16 Sep 2025 13:55

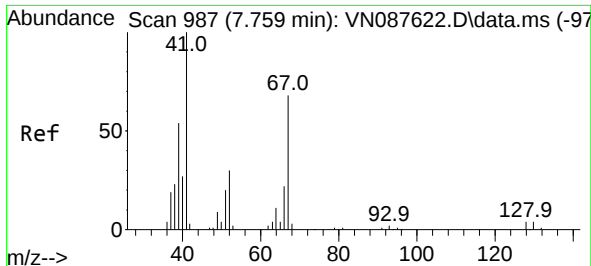
Tgt Ion: 78 Resp: 779652

Ion Ratio Lower Upper

78 100

77 25.0 19.7 29.5



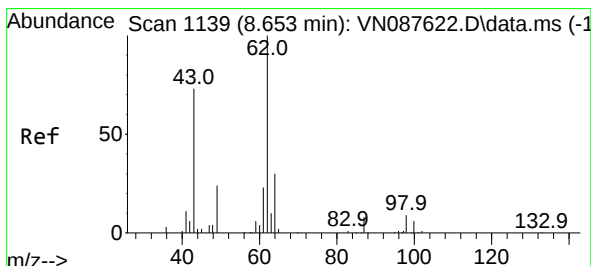
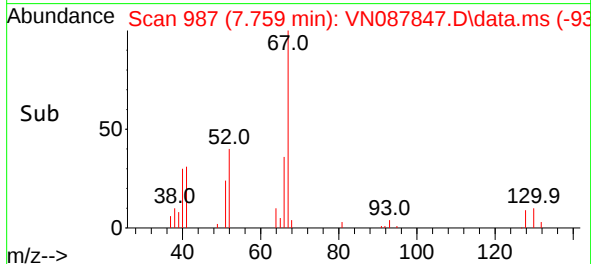
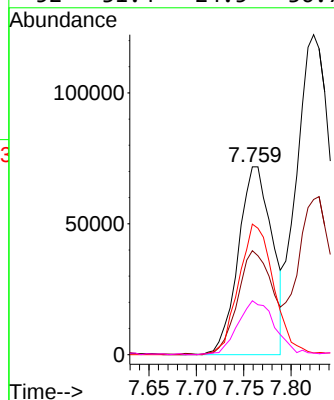
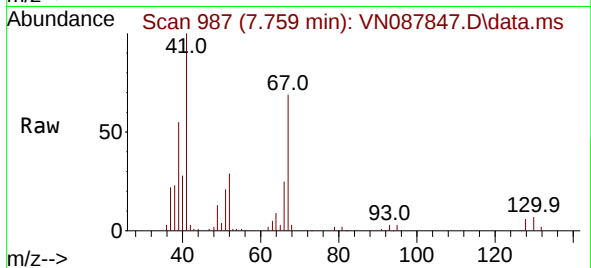


#41
Methacrylonitrile
Concen: 52.473 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 178403

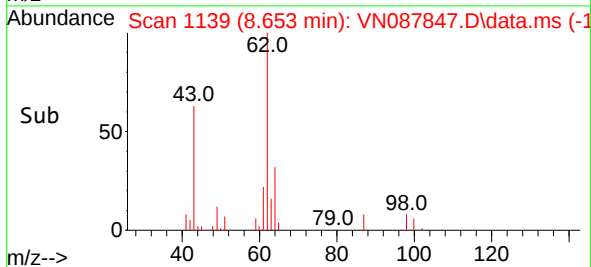
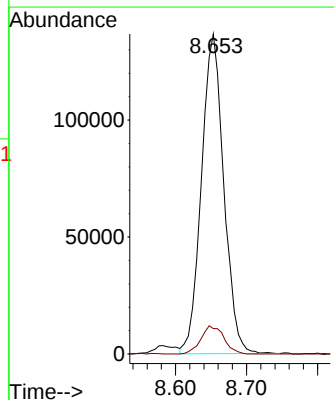
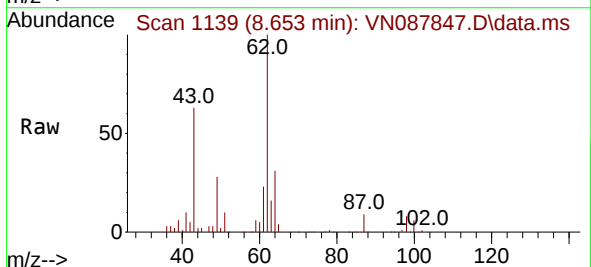
Ion	Ratio	Lower	Upper
41	100		
39	56.5	45.4	68.0
67	72.6	55.3	82.9
52	31.4	24.5	36.7

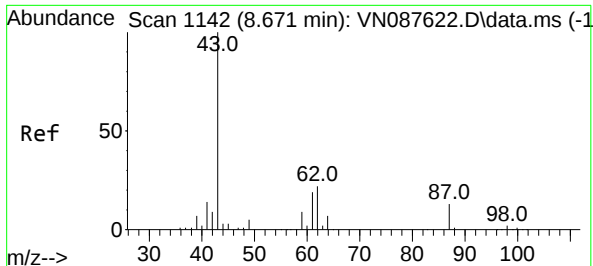


#42
1,2-Dichloroethane
Concen: 52.815 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion: 62 Resp: 299001

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.4

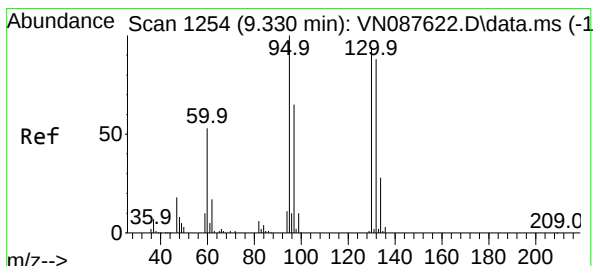
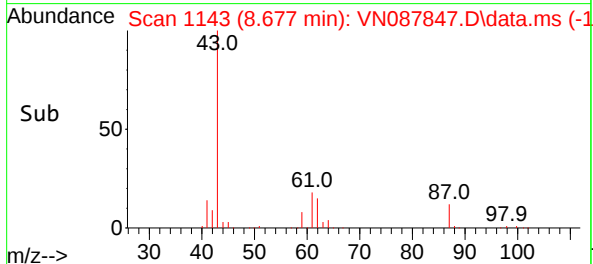
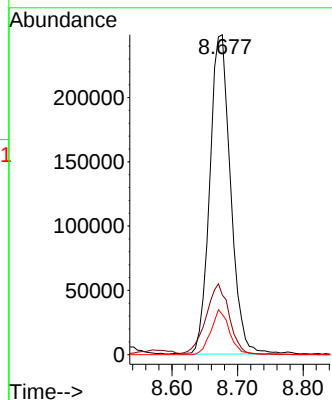
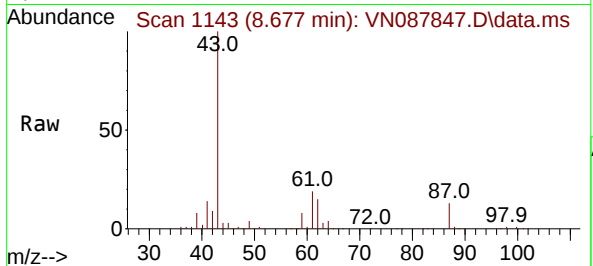




#43
Isopropyl Acetate
Concen: 53.402 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

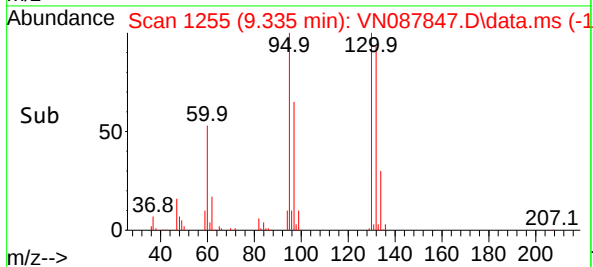
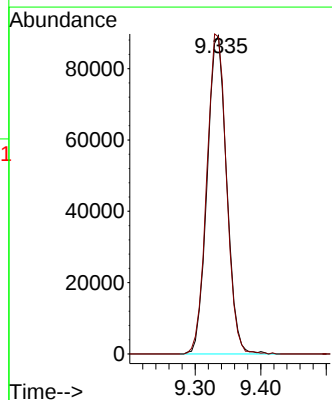
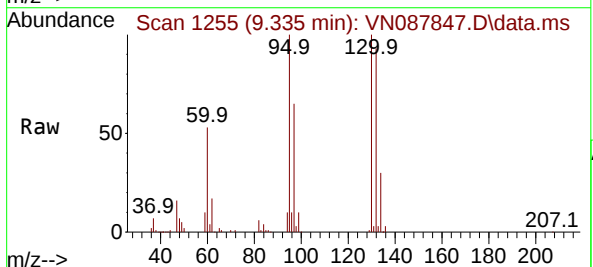
Instrument :
MSVOA_N
ClientSampleId :

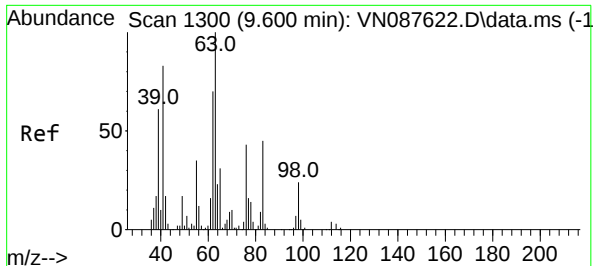
Tgt Ion: 43 Resp: 547228
Ion Ratio Lower Upper
43 100
61 24.5 18.8 28.2
87 12.7 9.6 14.4



#44
Trichloroethene
Concen: 54.860 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion:130 Resp: 184521
Ion Ratio Lower Upper
130 100
95 99.6 0.0 212.0

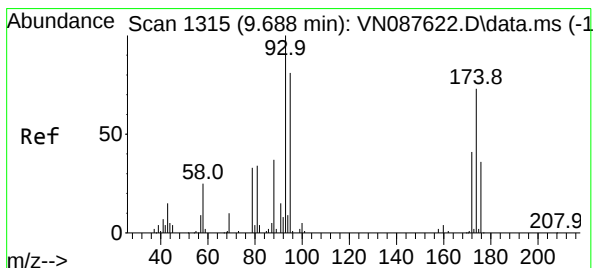
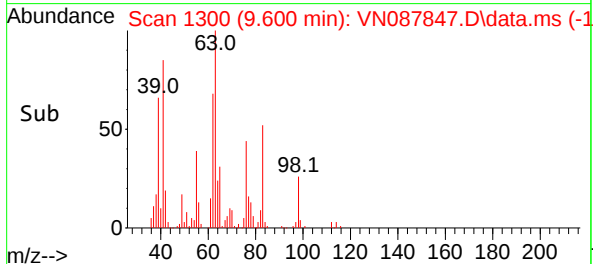
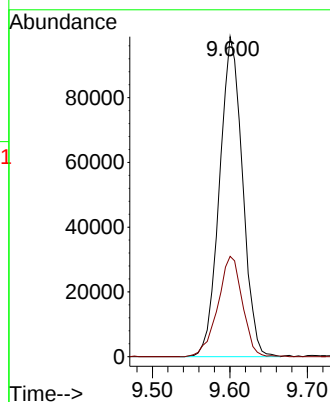
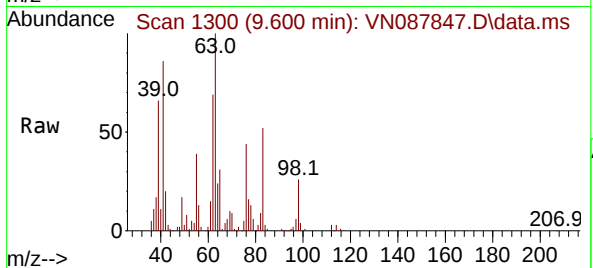




#45
1,2-Dichloropropane
Concen: 52.528 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

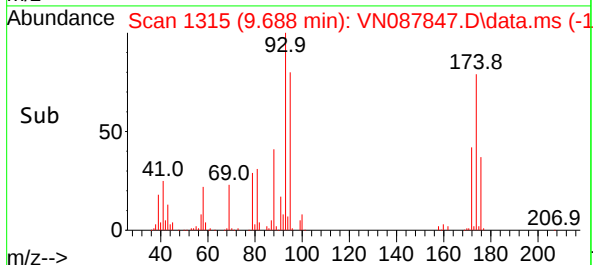
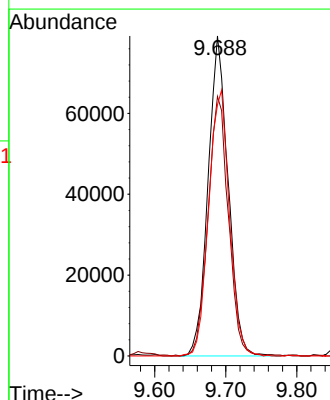
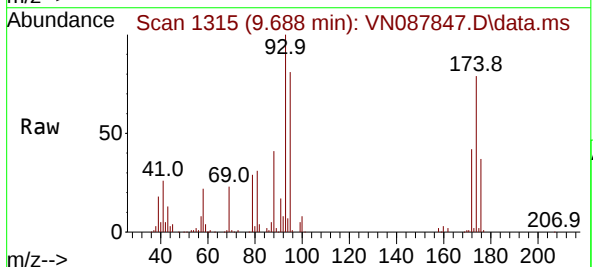
Instrument :
MSVOA_N
ClientSampleId :

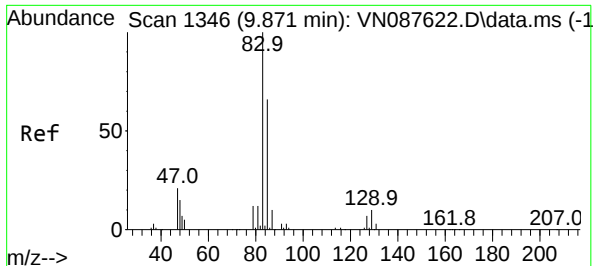
Tgt Ion: 63 Resp: 203980
Ion Ratio Lower Upper
63 100
65 31.4 25.0 37.4



#46
Dibromomethane
Concen: 56.246 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion: 93 Resp: 155428
Ion Ratio Lower Upper
93 100
95 82.2 66.2 99.4
174 85.7 63.4 95.2





#47

Bromodichloromethane

Concen: 55.758 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

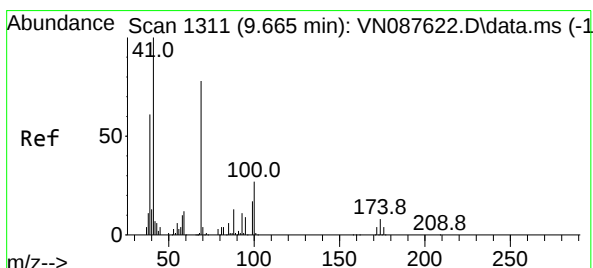
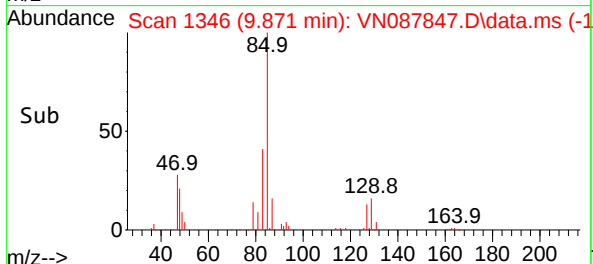
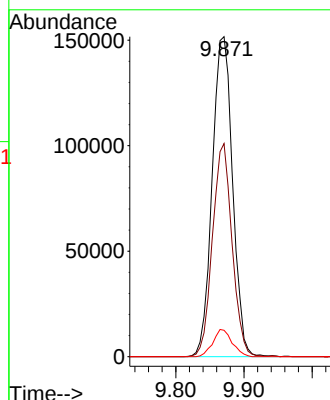
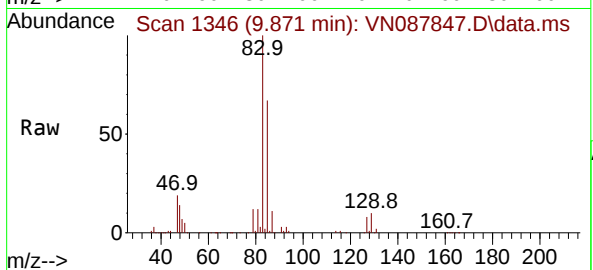
Tgt Ion: 83 Resp: 315780

Ion Ratio Lower Upper

83 100

85 66.6 52.5 78.7

127 8.3 5.8 8.6



#48

Methyl methacrylate

Concen: 53.245 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

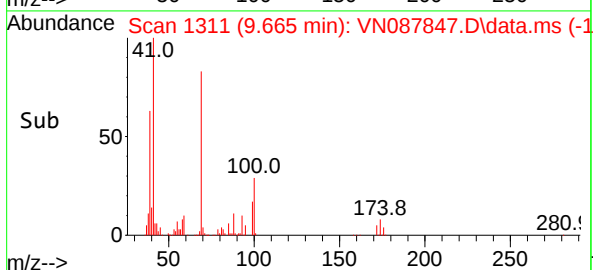
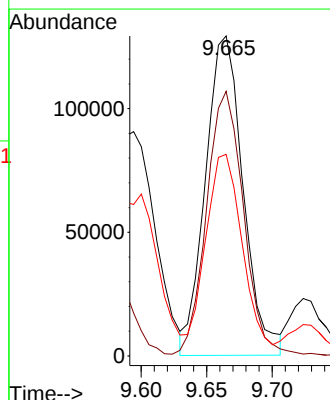
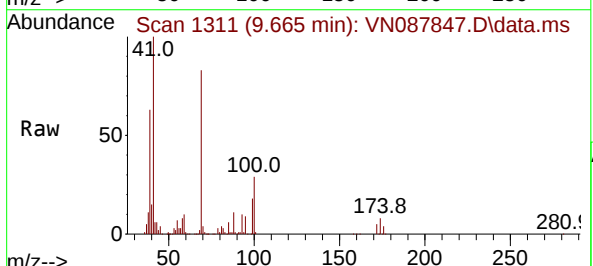
Tgt Ion: 41 Resp: 258081

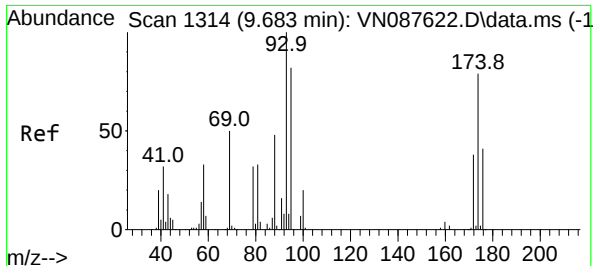
Ion Ratio Lower Upper

41 100

69 81.2 62.7 94.1

39 62.5 52.9 79.3





#49

1,4-Dioxane

Concen: 1166.875 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

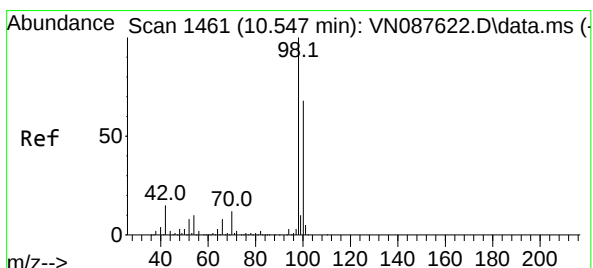
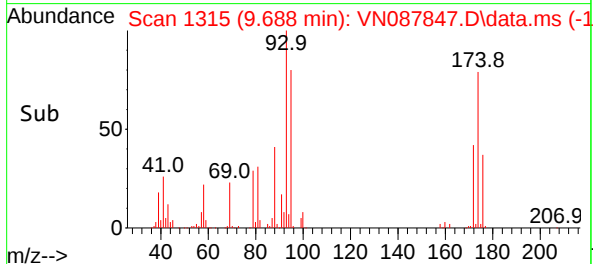
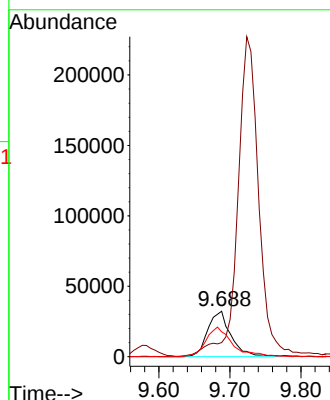
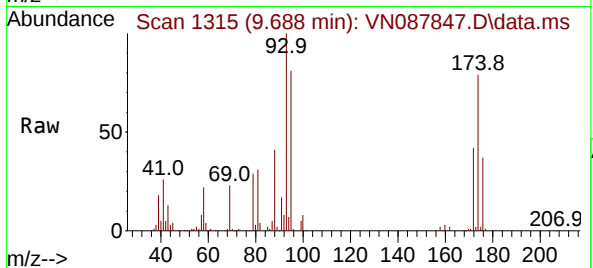
Tgt Ion: 88 Resp: 73308

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 73.8 57.9 86.9



#50

Toluene-d8

Concen: 59.144 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087847.D

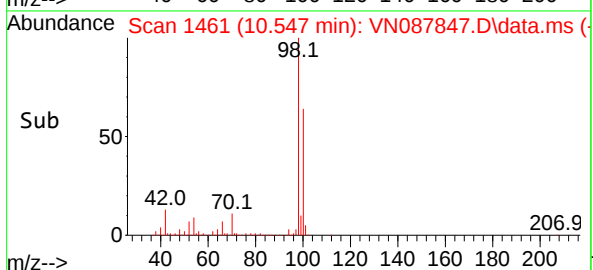
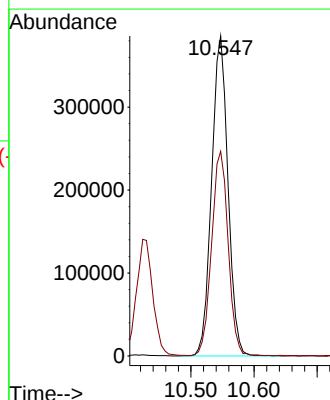
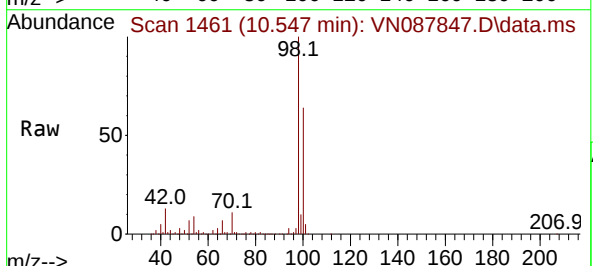
Acq: 16 Sep 2025 13:55

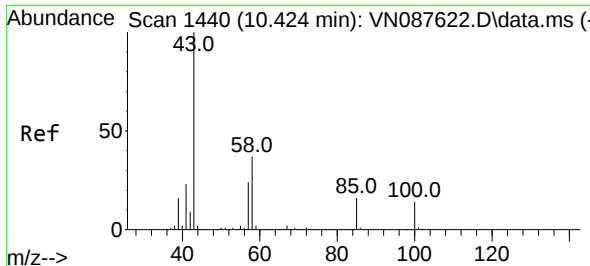
Tgt Ion: 98 Resp: 693078

Ion Ratio Lower Upper

98 100

100 64.8 52.8 79.2

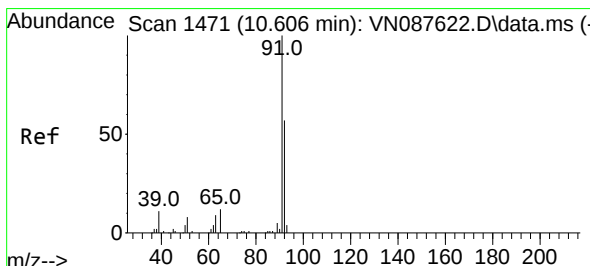
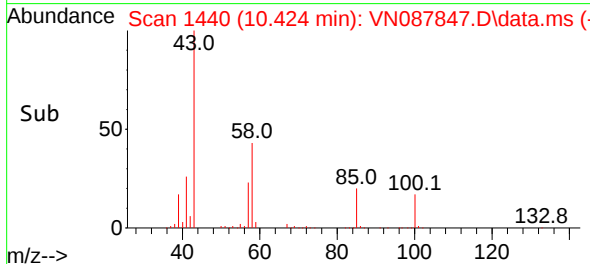
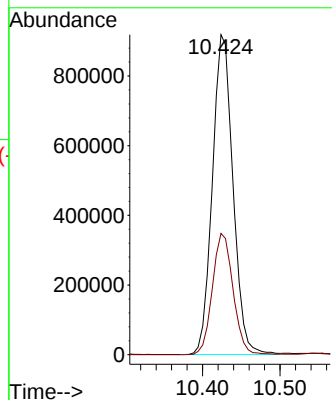
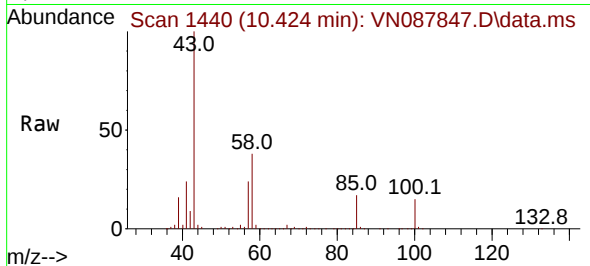




#51
4-Methyl-2-Pentanone
Concen: 273.953 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

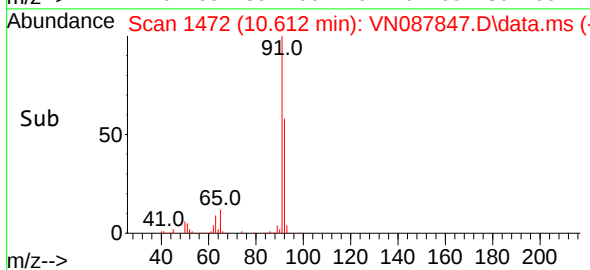
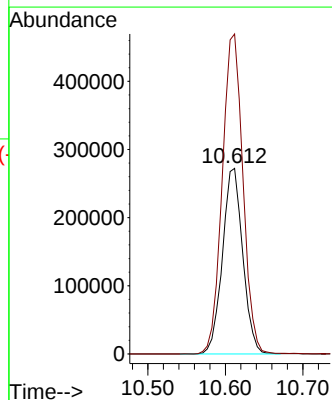
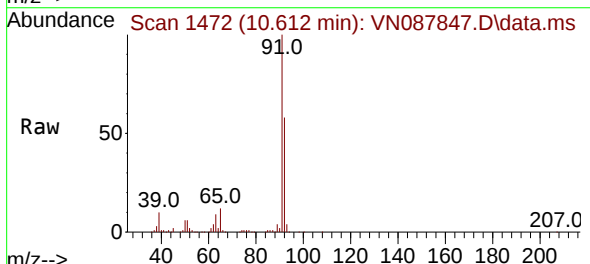
Instrument :
MSVOA_N
ClientSampleId :

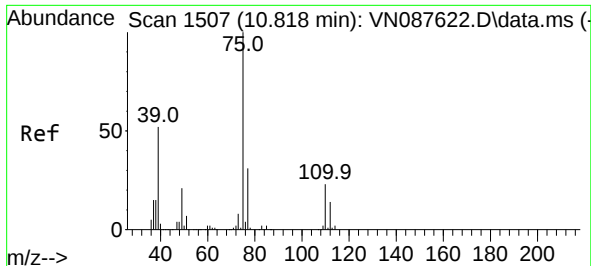
Tgt Ion: 43 Resp: 1693751
Ion Ratio Lower Upper
43 100
58 38.1 29.6 44.4



#52
Toluene
Concen: 54.261 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion: 92 Resp: 495572
Ion Ratio Lower Upper
92 100
91 176.1 140.4 210.6

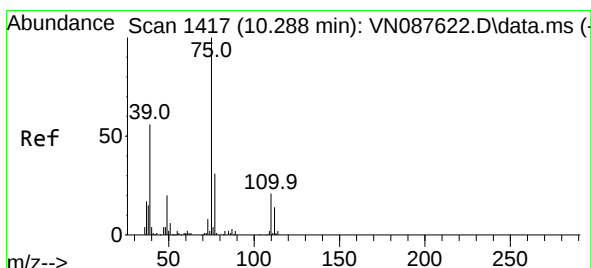
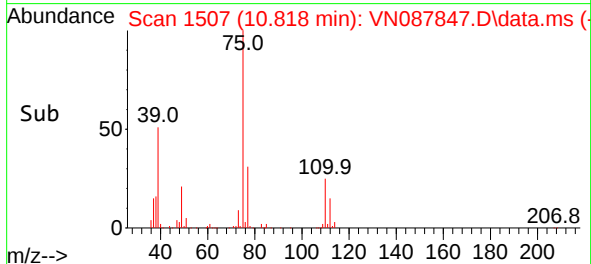
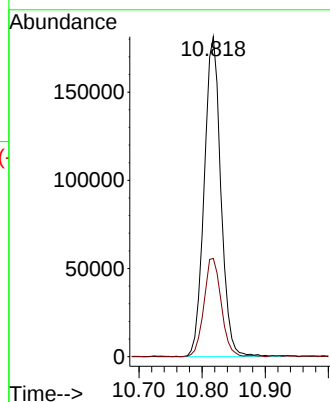
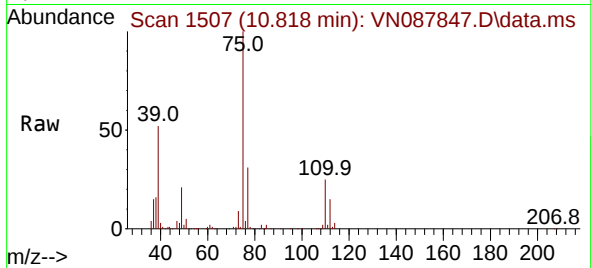




#53
t-1,3-Dichloropropene
Concen: 56.779 ug/l
RT: 10.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

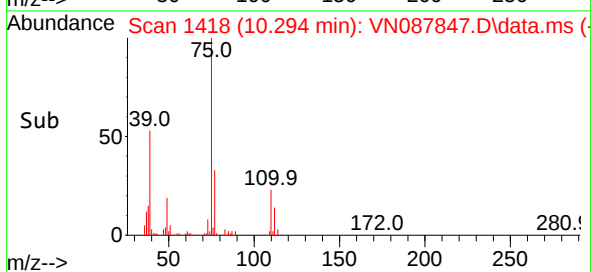
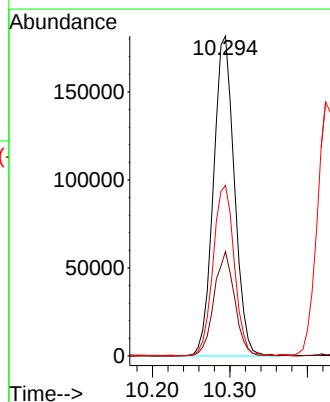
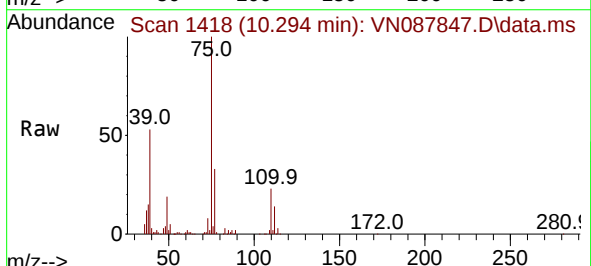
Instrument :
MSVOA_N
ClientSampleId :

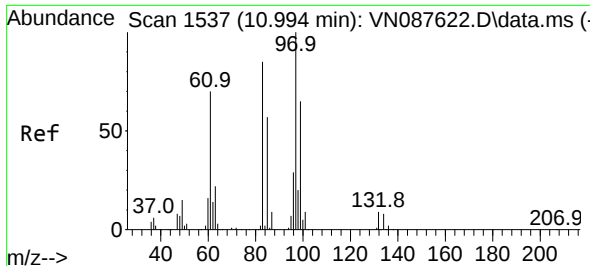
Tgt Ion: 75 Resp: 332853
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 56.121 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

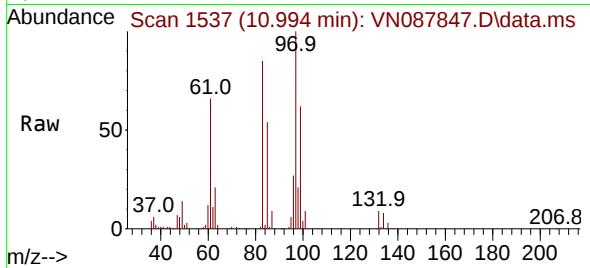
Tgt Ion: 75 Resp: 341604
Ion Ratio Lower Upper
75 100
77 32.6 24.6 37.0
39 53.2 45.2 67.8



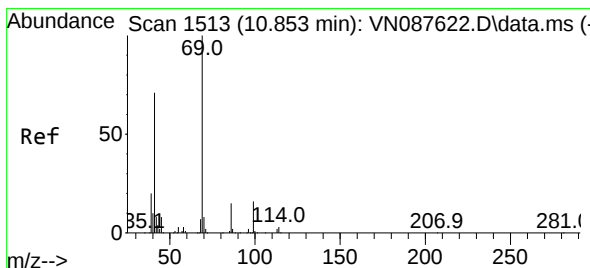
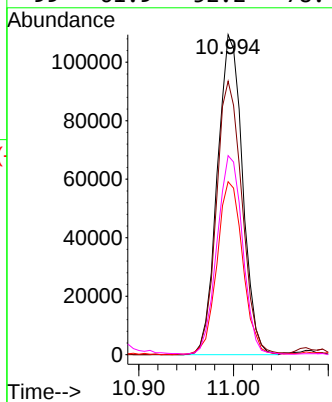
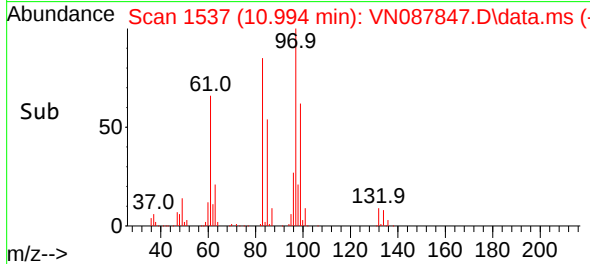


#55
1,1,2-Trichloroethane
Concen: 57.374 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

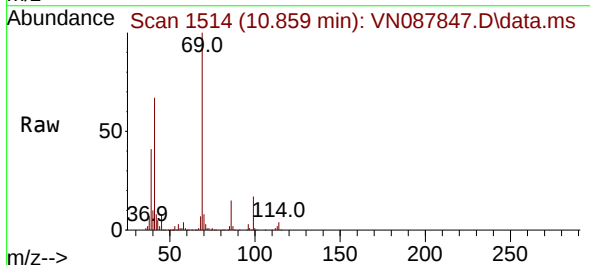
Instrument :
MSVOA_N
ClientSampleId :



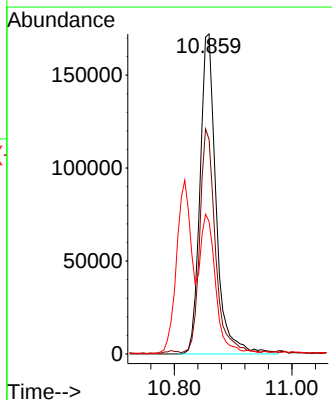
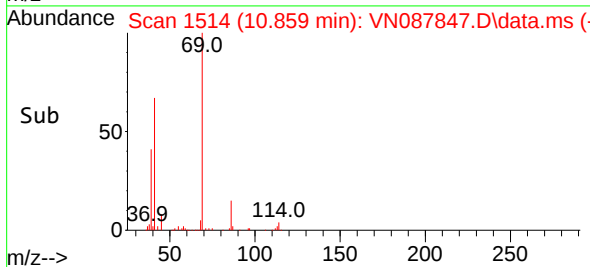
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.2	102.4
85	53.9	45.5	68.3
99	61.9	52.2	78.4

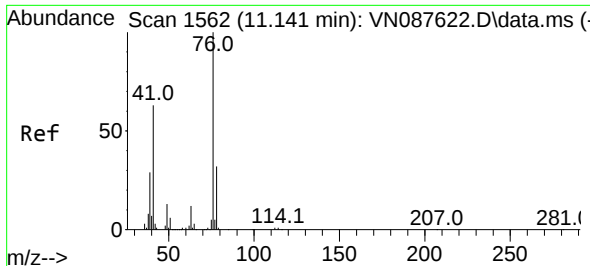


#56
Ethyl methacrylate
Concen: 58.065 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.2	56.5	84.7
39	40.8	34.2	51.4





#57

1,3-Dichloropropane

Concen: 55.253 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

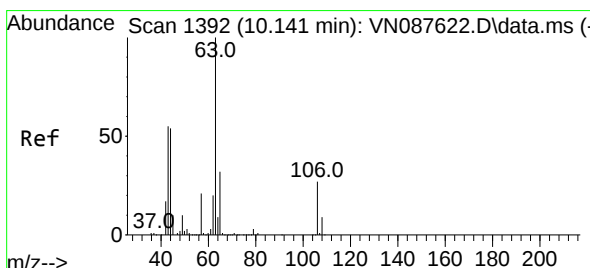
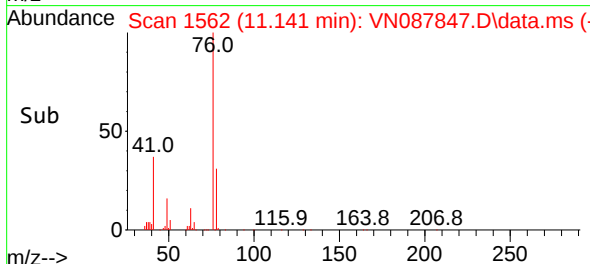
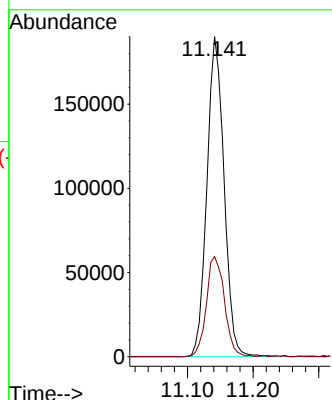
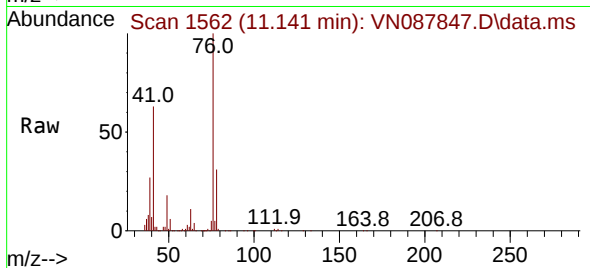
ClientSampleId :

Tgt Ion: 76 Resp: 345485

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 255.885 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087847.D

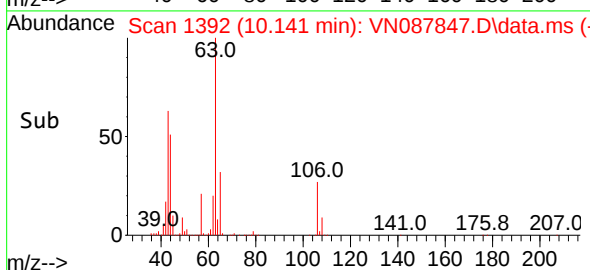
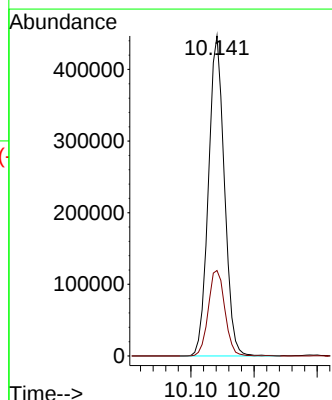
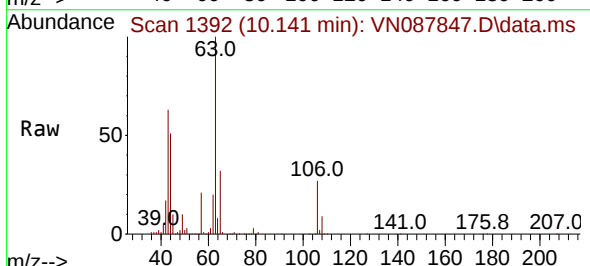
Acq: 16 Sep 2025 13:55

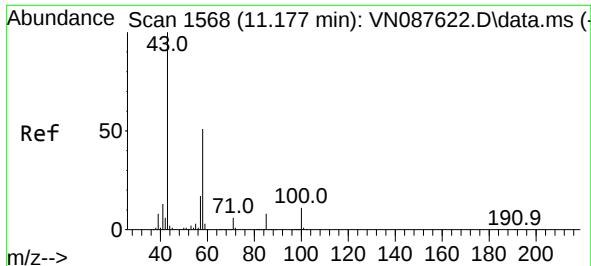
Tgt Ion: 63 Resp: 782005

Ion Ratio Lower Upper

63 100

106 27.8 21.1 31.7

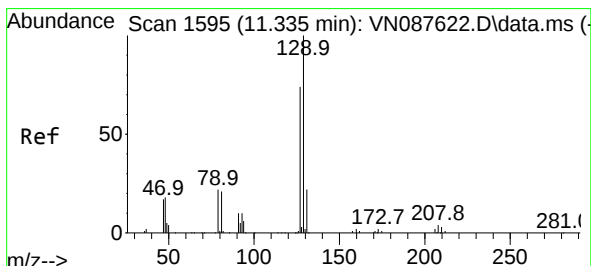
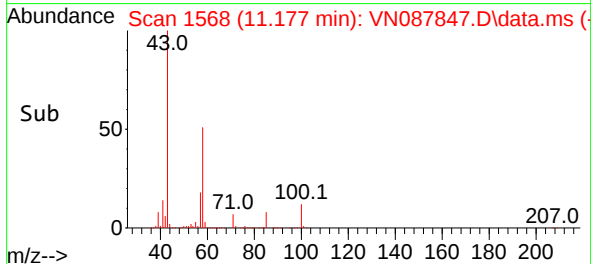
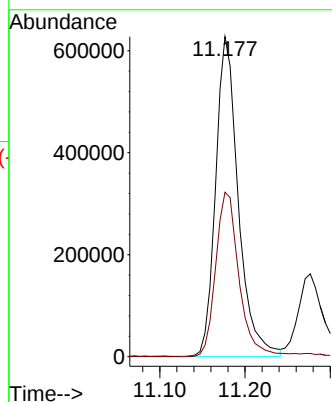
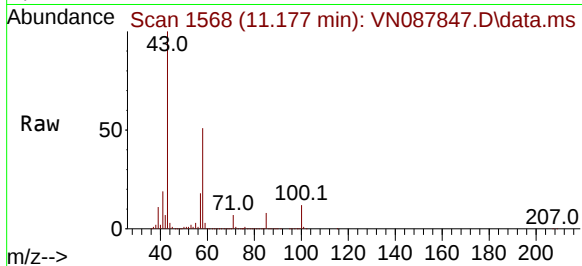




#59
2-Hexanone
Concen: 295.539 ug/l
RT: 11.177 min Scan# 1154791
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

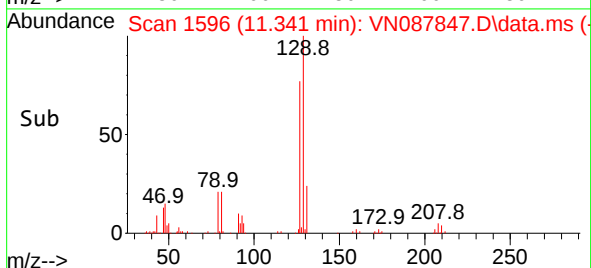
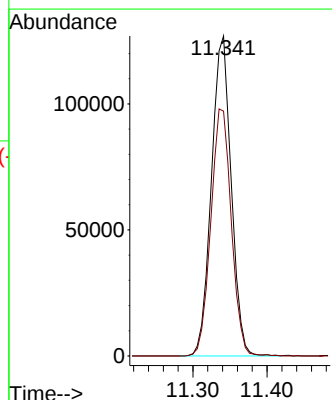
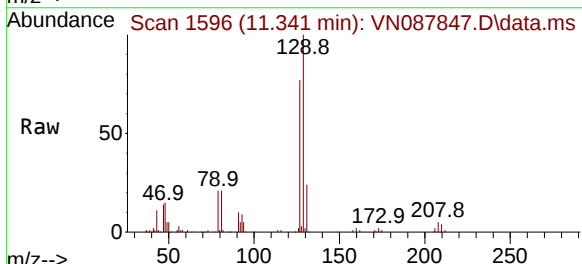
Instrument :
MSVOA_N
ClientSampleId :

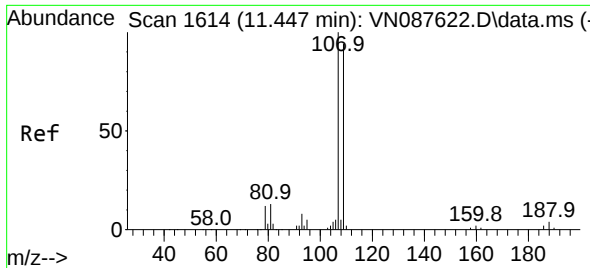
Tgt Ion: 43 Resp: 1154791
Ion Ratio Lower Upper
43 100
58 53.2 25.9 77.8



#60
Dibromochloromethane
Concen: 57.409 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion:129 Resp: 235020
Ion Ratio Lower Upper
129 100
127 79.9 39.1 117.3

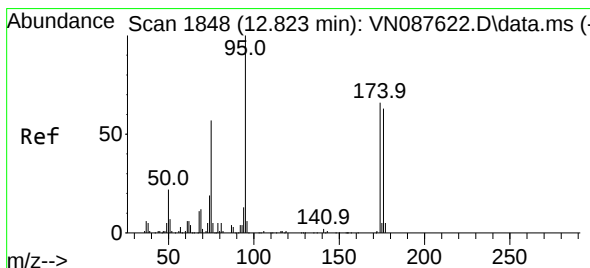
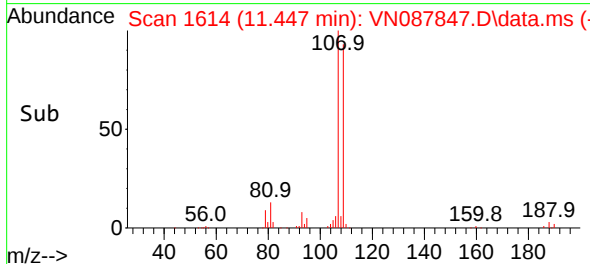
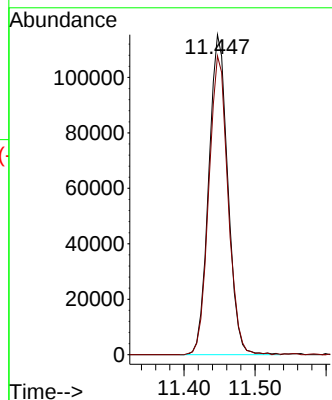
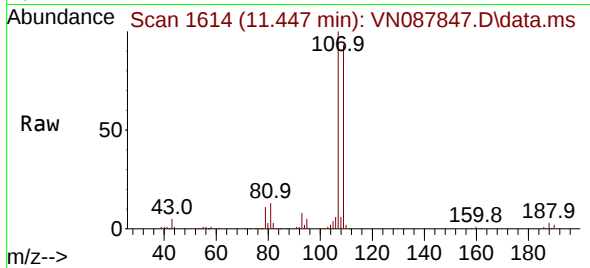




#61
1,2-Dibromoethane
Concen: 57.833 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

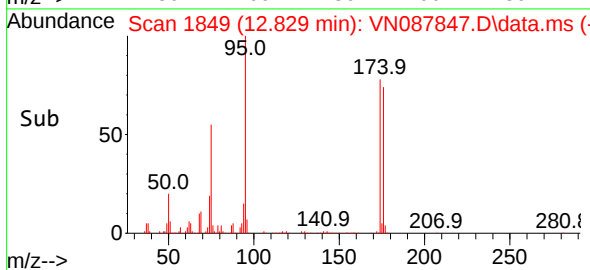
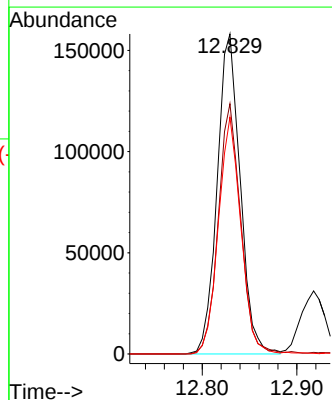
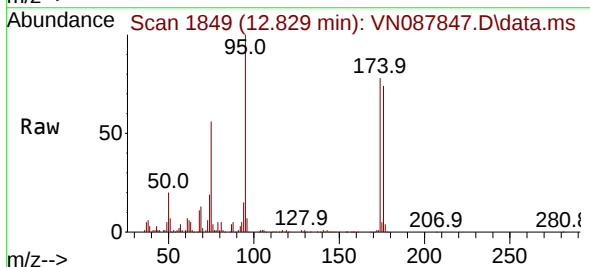
Instrument :
MSVOA_N
ClientSampleId :

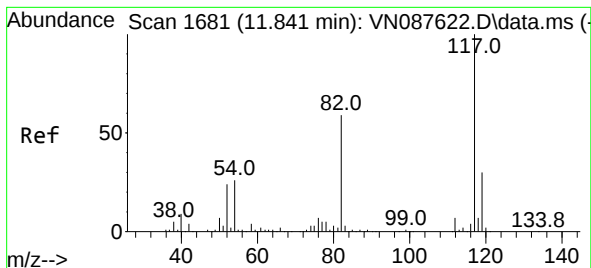
Tgt Ion:107 Resp: 215454
Ion Ratio Lower Upper
107 100
109 93.9 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 64.046 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion: 95 Resp: 266909
Ion Ratio Lower Upper
95 100
174 76.1 0.0 138.4
176 72.3 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 117

Delta R.T. 0.006 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

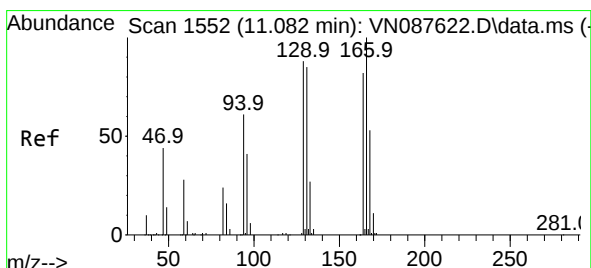
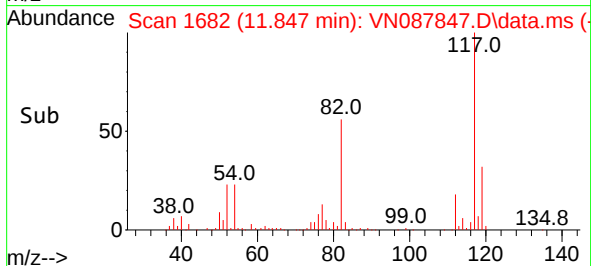
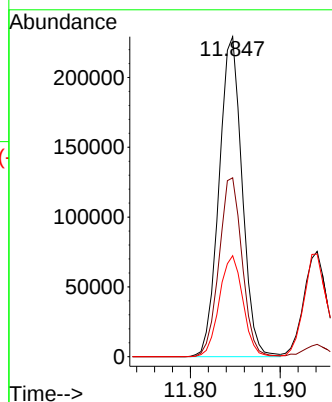
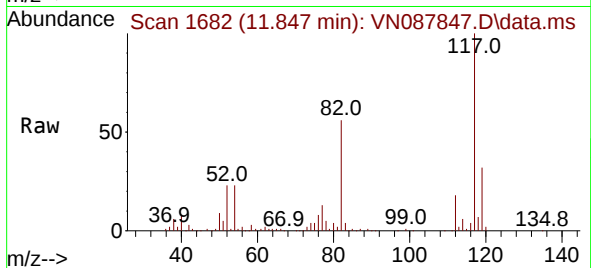
Tgt Ion:117 Resp: 409197

Ion Ratio Lower Upper

117 100

82 55.9 47.4 71.2

119 31.5 24.3 36.5



#64

Tetrachloroethene

Concen: 53.644 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Tgt Ion:164 Resp: 152293

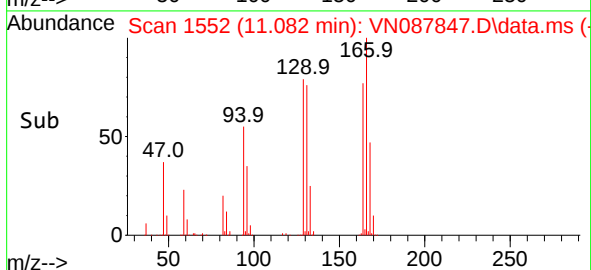
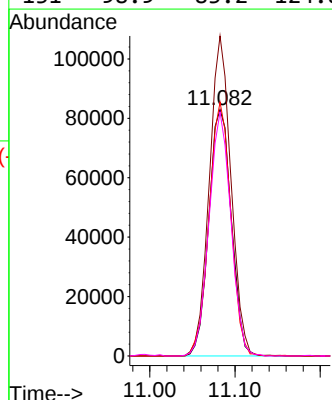
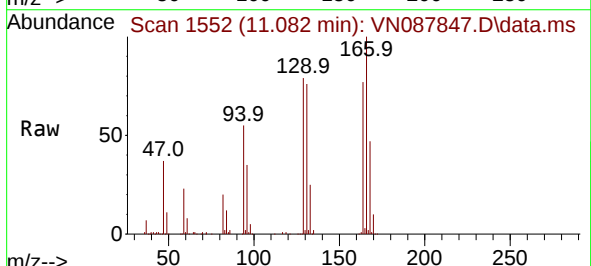
Ion Ratio Lower Upper

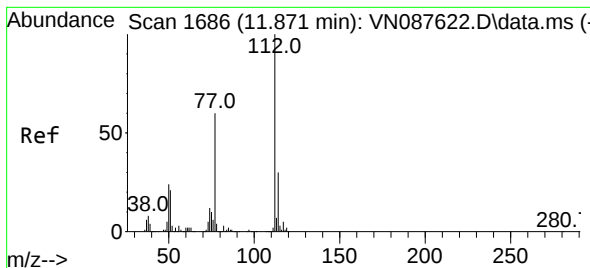
164 100

166 129.8 97.7 146.5

129 102.9 85.9 128.9

131 98.9 83.2 124.8





#65

Chlorobenzene

Concen: 53.293 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

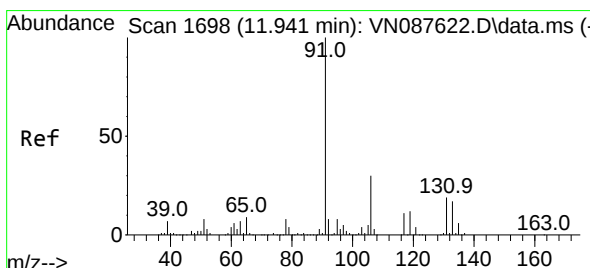
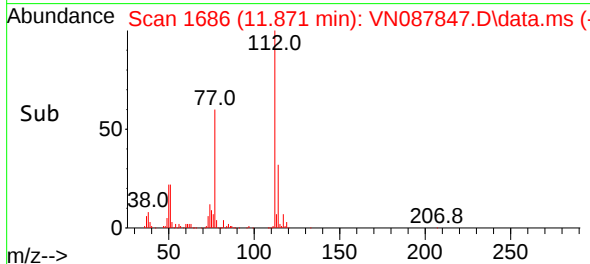
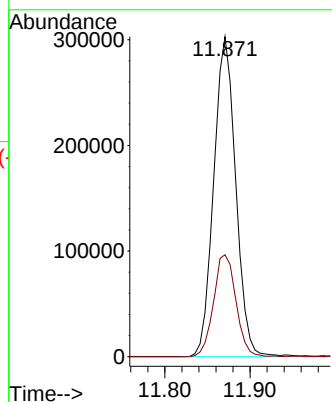
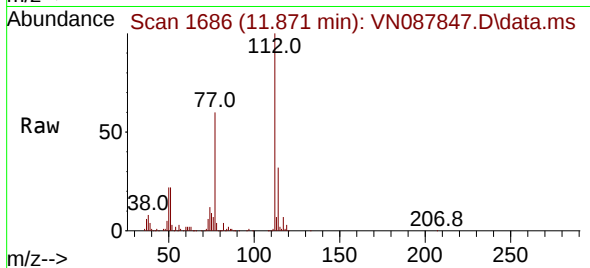
ClientSampleId :

Tgt Ion:112 Resp: 542528

Ion Ratio Lower Upper

112 100

114 31.8 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 58.880 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

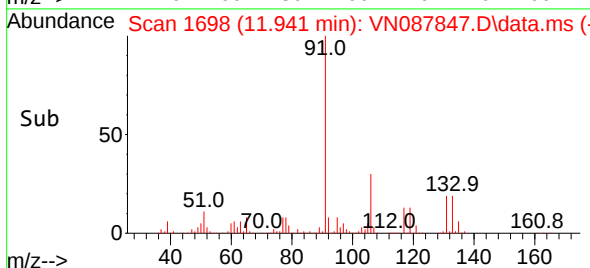
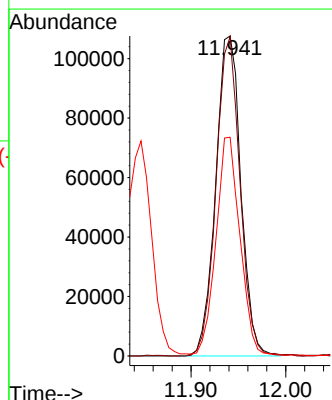
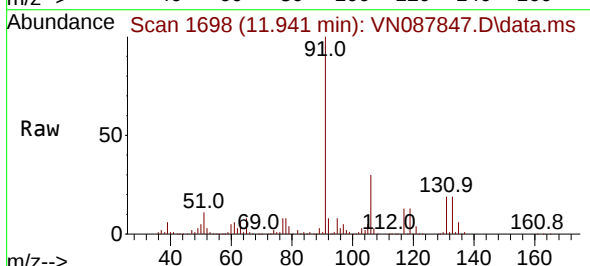
Tgt Ion:131 Resp: 198995

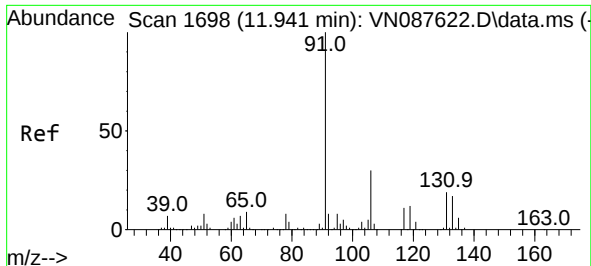
Ion Ratio Lower Upper

131 100

133 94.6 48.0 144.0

119 64.9 32.6 97.7





#67

Ethyl Benzene

Concen: 54.491 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

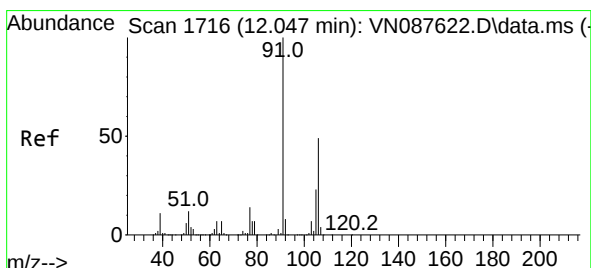
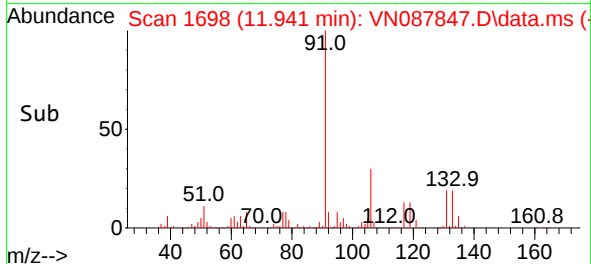
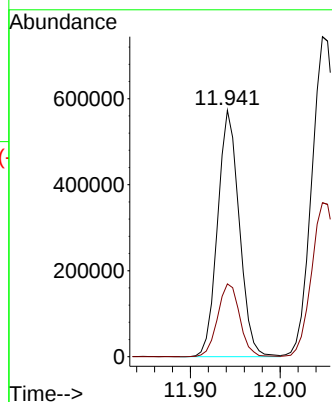
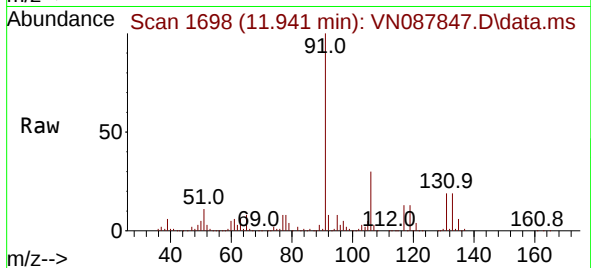
ClientSampleId :

Tgt Ion: 91 Resp: 960475

Ion Ratio Lower Upper

91 100

106 29.5 24.1 36.1



#68

m/p-Xylenes

Concen: 113.180 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN087847.D

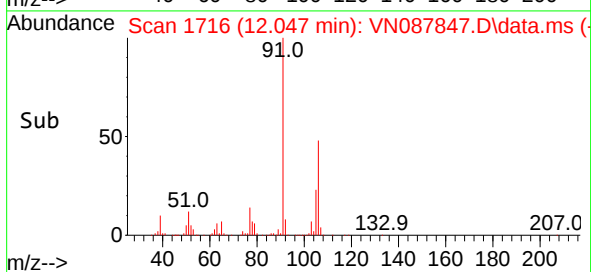
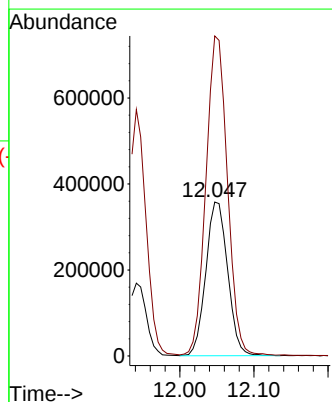
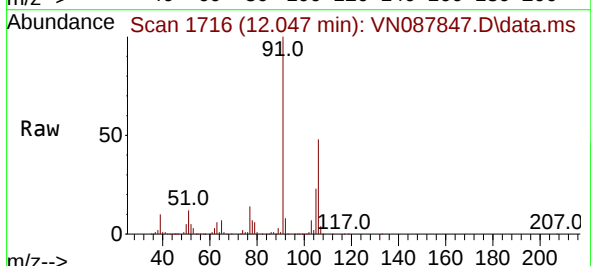
Acq: 16 Sep 2025 13:55

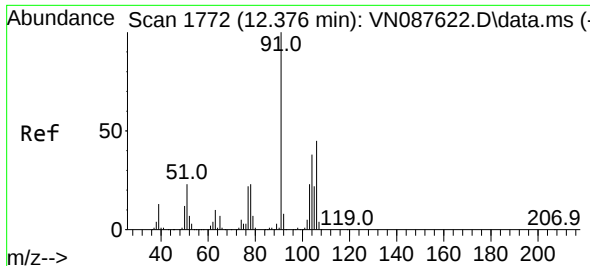
Tgt Ion:106 Resp: 731633

Ion Ratio Lower Upper

106 100

91 204.1 169.3 253.9

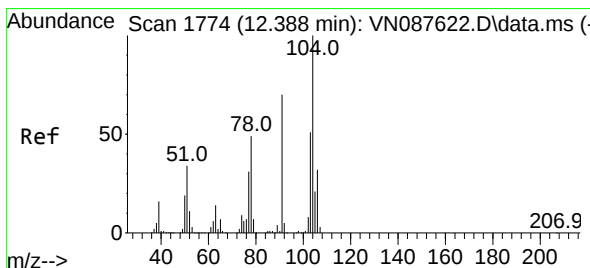
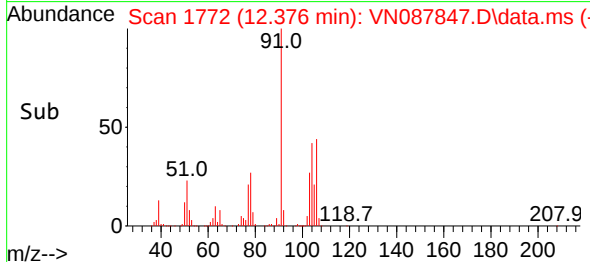
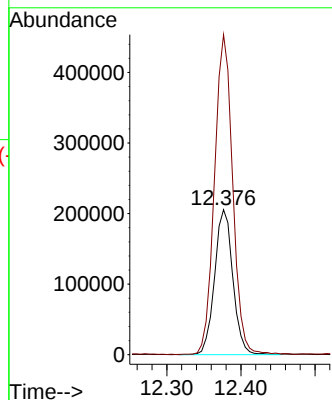
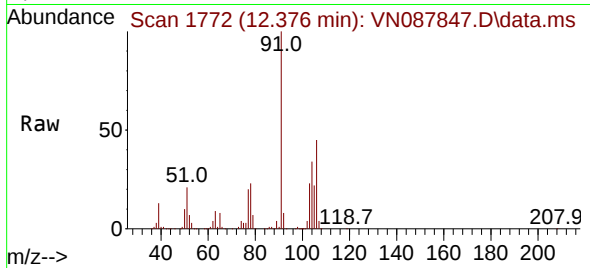




#69
o-Xylene
Concen: 55.603 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

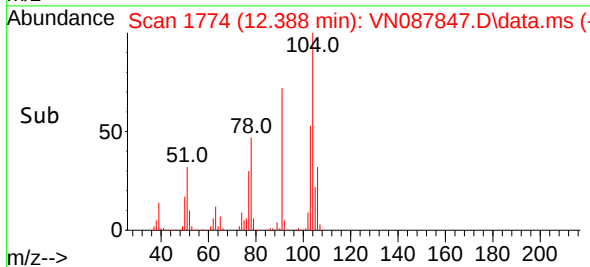
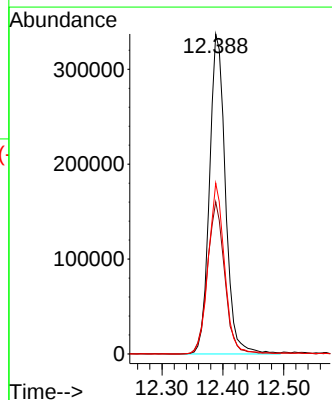
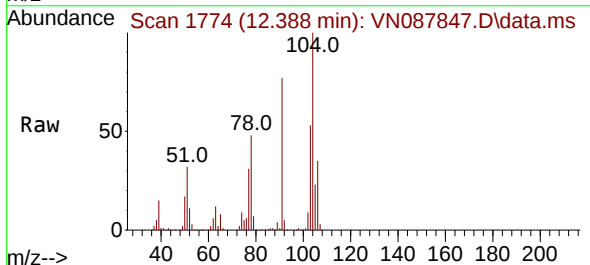
Instrument :
MSVOA_N
ClientSampleId :

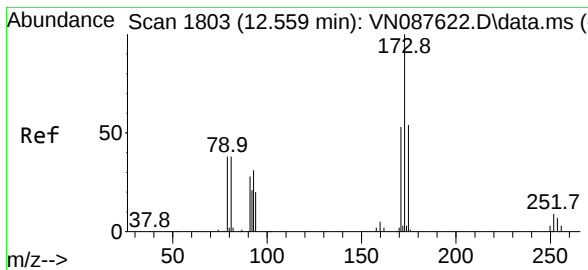
Tgt Ion:106 Resp: 352248
Ion Ratio Lower Upper
106 100
91 219.6 111.4 334.2



#70
Styrene
Concen: 57.974 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion:104 Resp: 615294
Ion Ratio Lower Upper
104 100
78 51.3 42.2 63.2
103 54.5 43.4 65.2

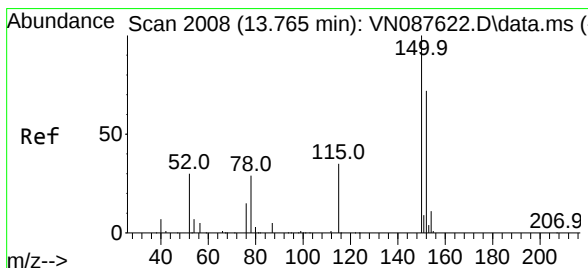
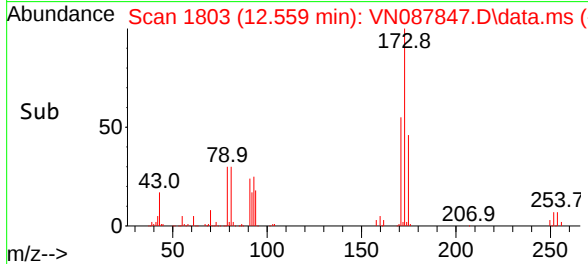
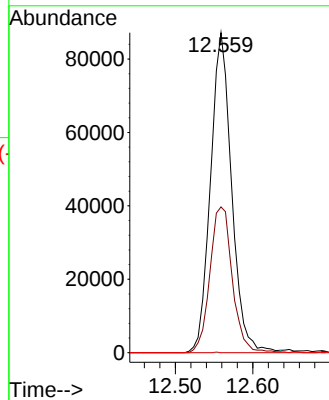
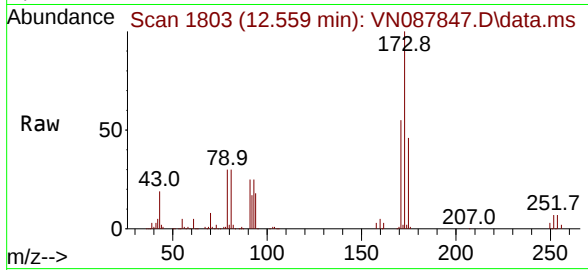




#71
Bromoform
Concen: 63.713 ug/l
RT: 12.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

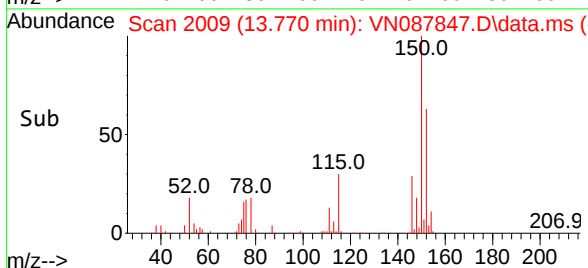
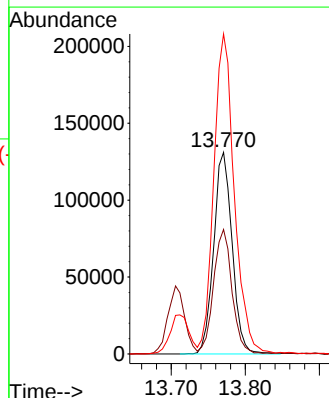
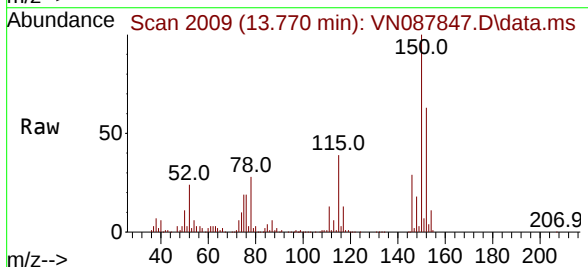
Instrument :
MSVOA_N
ClientSampleId :

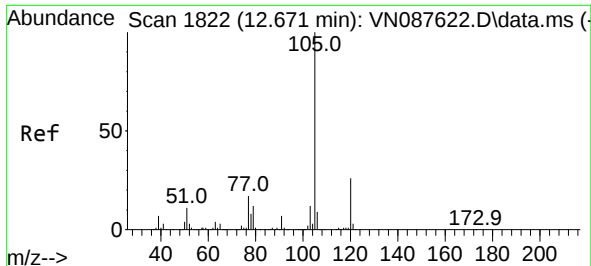
Tgt Ion:173 Resp: 165142
Ion Ratio Lower Upper
173 100
175 48.3 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion:152 Resp: 226483
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 175.2 0.0 351.0

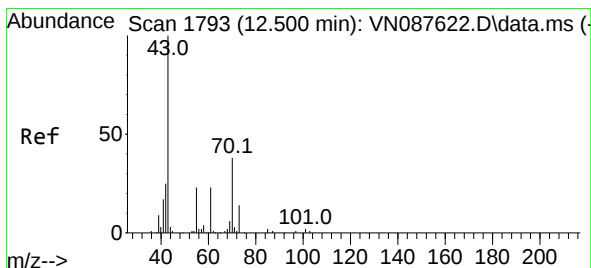
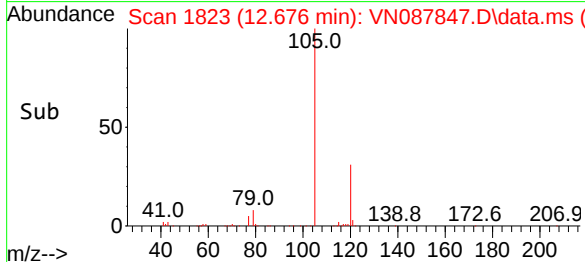
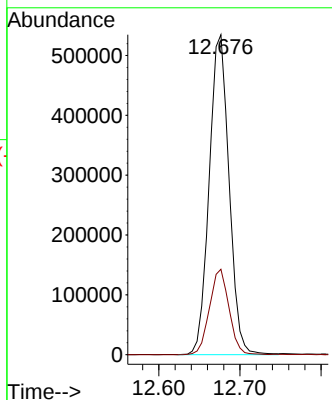
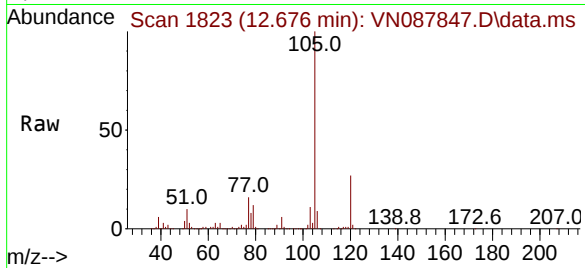




#73
Isopropylbenzene
Concen: 49.681 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

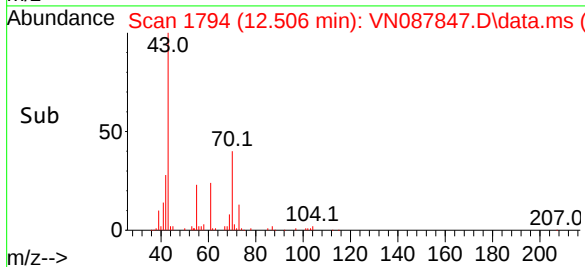
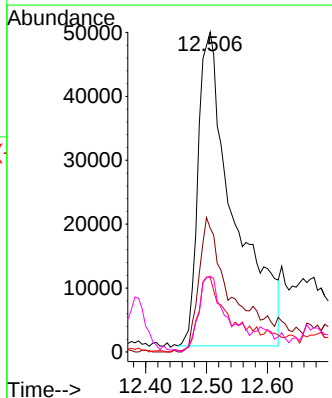
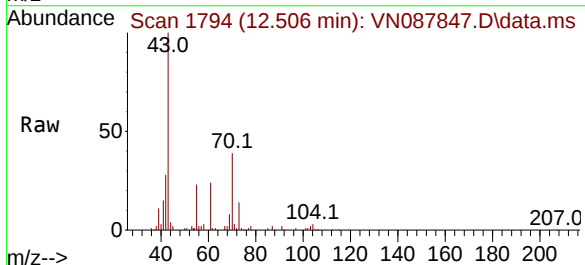
Instrument :
MSVOA_N
ClientSampleId :

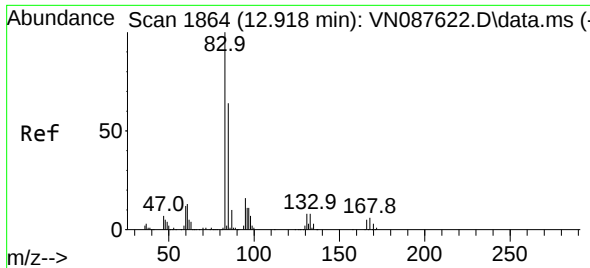
Tgt Ion:105 Resp: 909235
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.3



#74
N-ethyl acetate
Concen: 28.991 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion: 43 Resp: 201067
Ion Ratio Lower Upper
43 100
70 40.2 27.6 41.4
55 21.9 13.0 19.6#
61 19.2 13.0 19.6

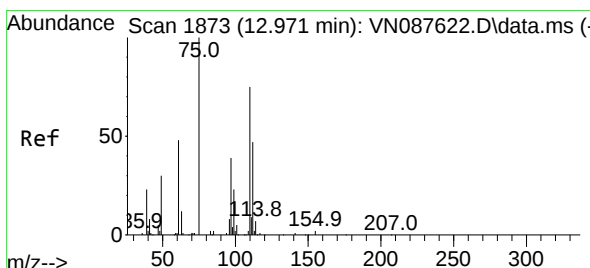
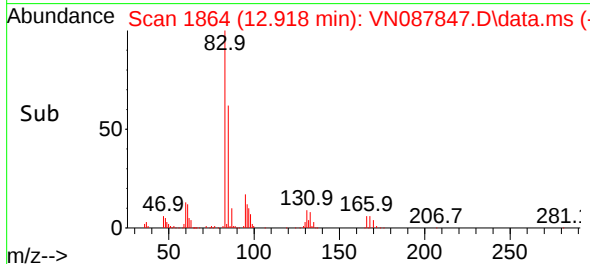
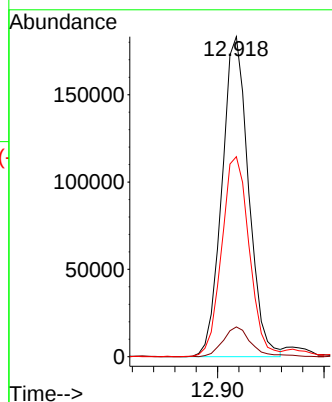
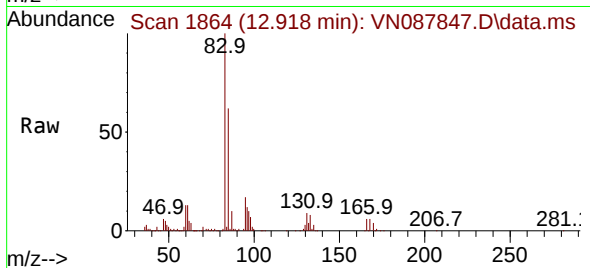




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.367 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

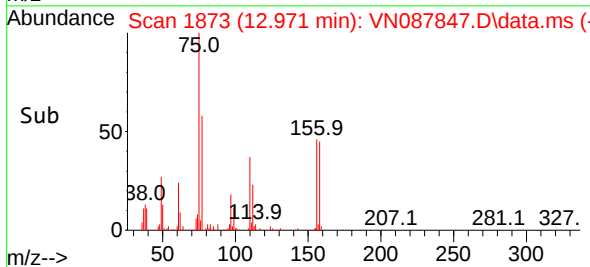
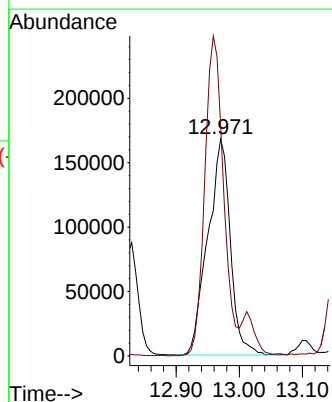
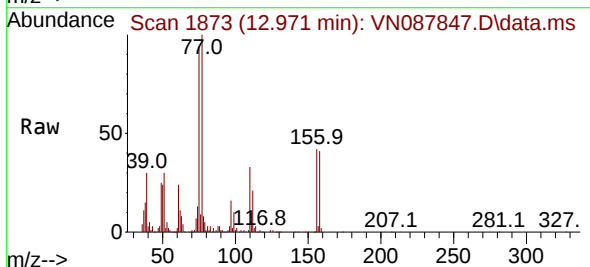
Instrument :
 MSVOA_N
 ClientSampleId :

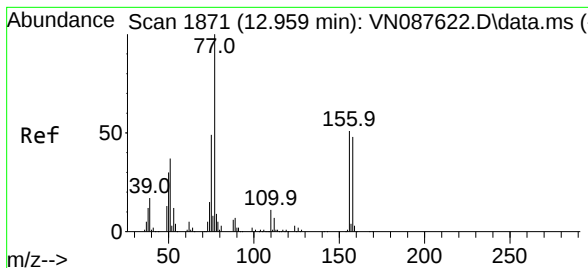
Tgt Ion: 83 Resp: 317356
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.8 14.4
 85 64.8 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 78.126 ug/l
 RT: 12.971 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

Tgt Ion: 75 Resp: 414939
 Ion Ratio Lower Upper
 75 100
 77 123.8 89.1 267.4





#77

Bromobenzene

Concen: 53.044 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

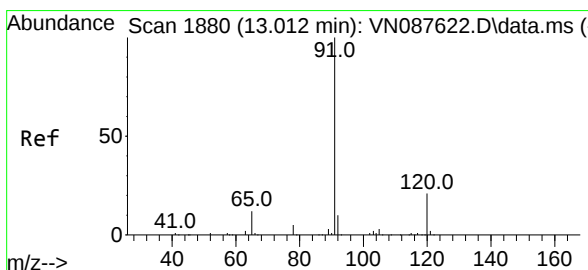
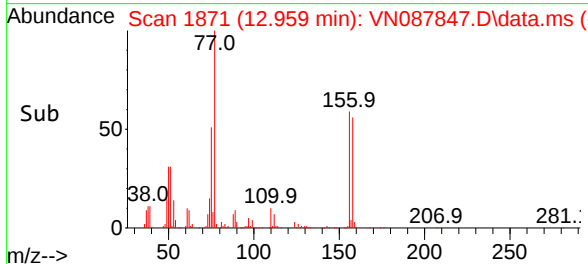
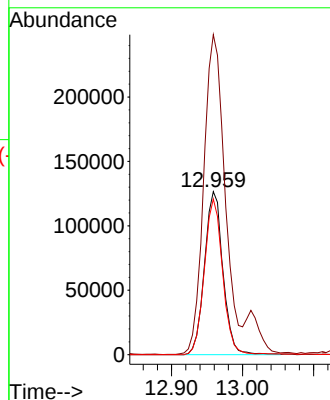
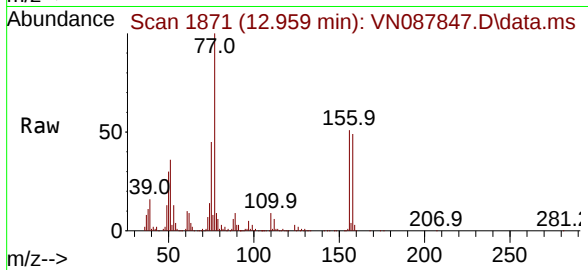
Tgt Ion:156 Resp: 228891

Ion Ratio Lower Upper

156 100

77 224.4 119.3 358.0

158 94.1 48.2 144.6



#78

n-propylbenzene

Concen: 50.543 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087847.D

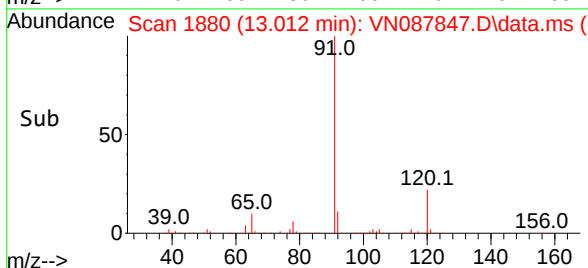
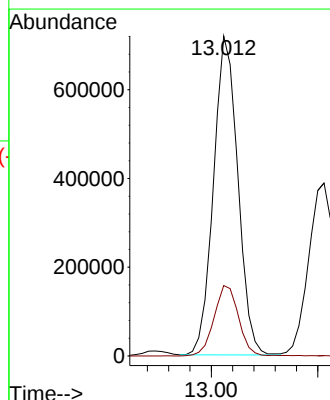
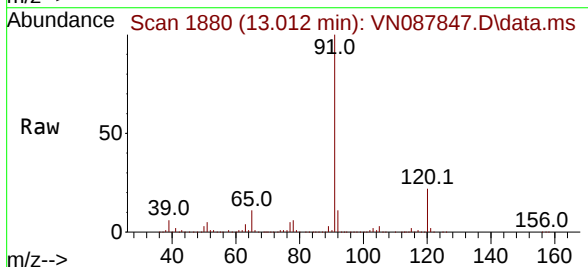
Acq: 16 Sep 2025 13:55

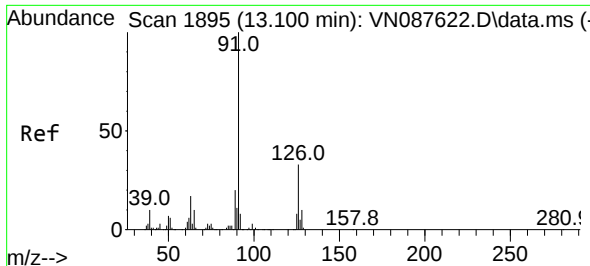
Tgt Ion: 91 Resp: 1139368

Ion Ratio Lower Upper

91 100

120 22.3 10.7 32.1

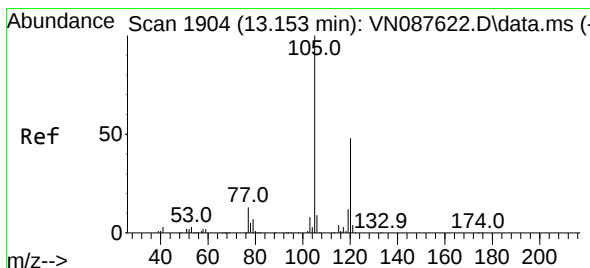
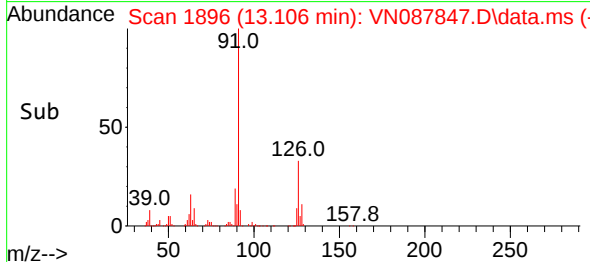
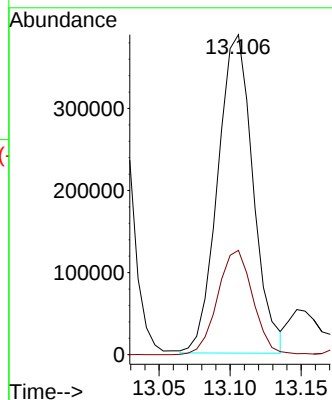
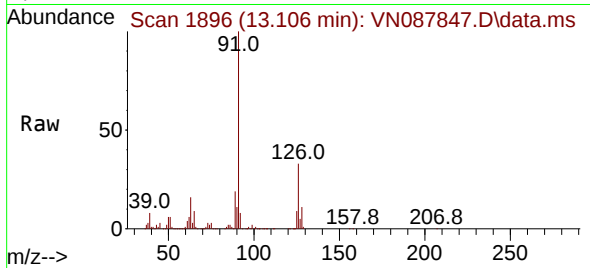




#79
2-Chlorotoluene
Concen: 49.565 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

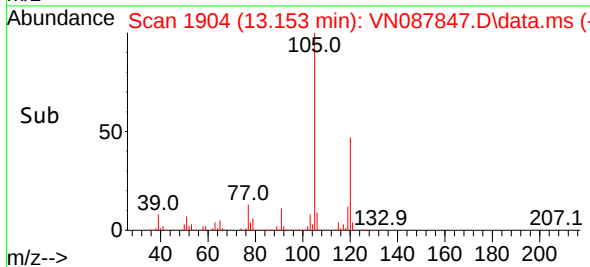
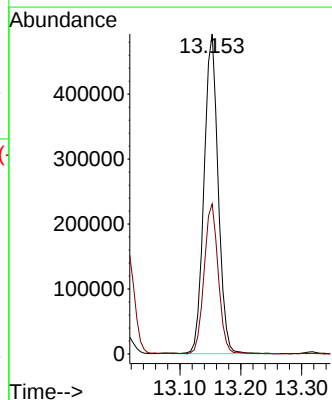
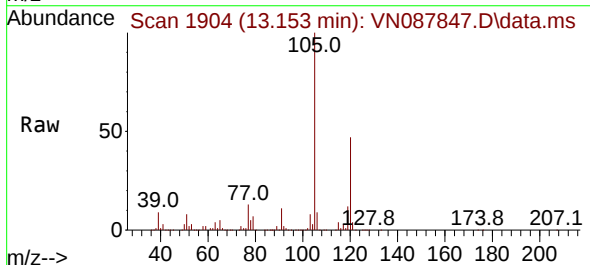
Instrument :
MSVOA_N
ClientSampleId :

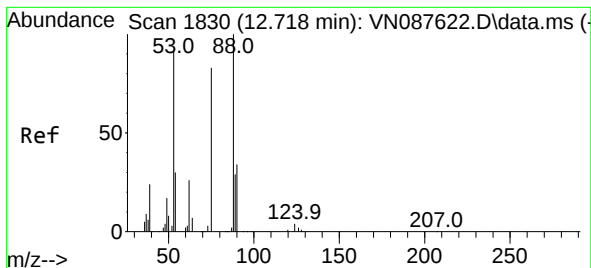
Tgt Ion: 91 Resp: 672391
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 51.039 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion:105 Resp: 792404
Ion Ratio Lower Upper
105 100
120 47.0 23.2 69.6

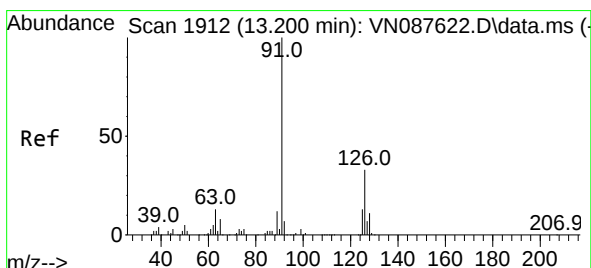
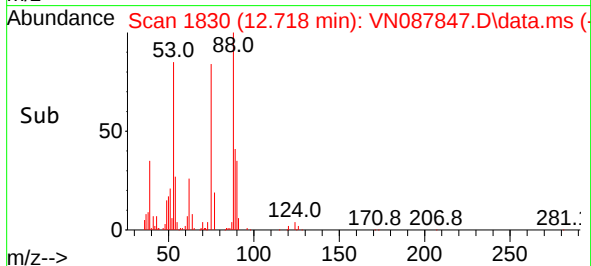
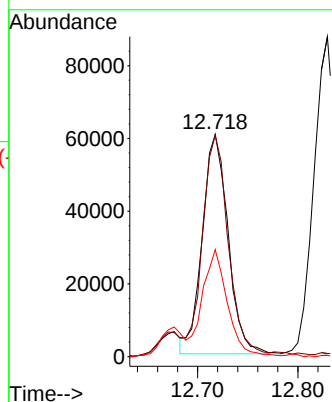
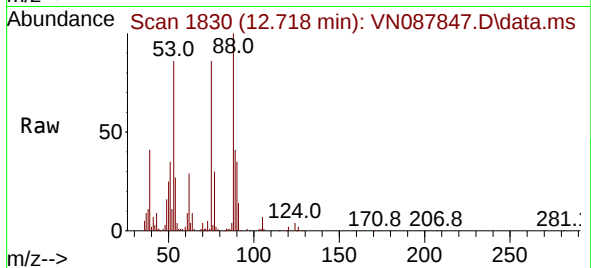




#81
trans-1,4-Dichloro-2-butene
Concen: 53.803 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

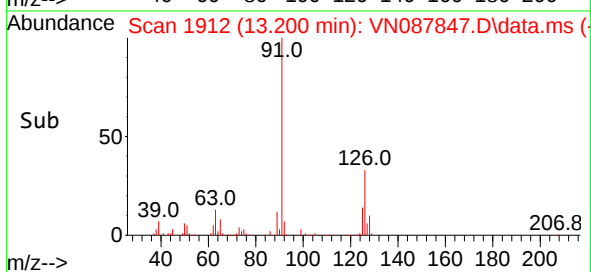
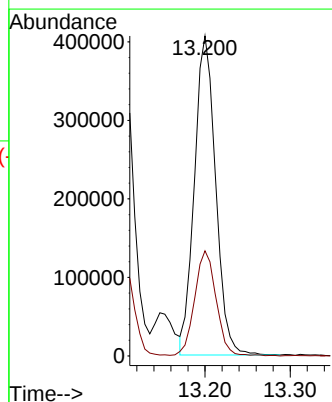
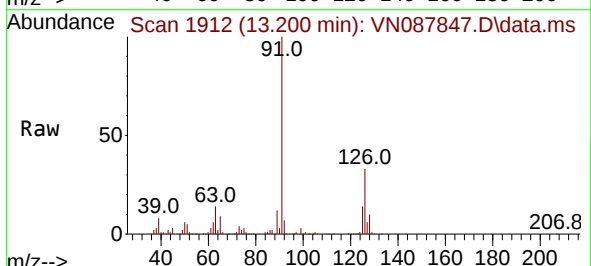
Instrument :
MSVOA_N
ClientSampleId :

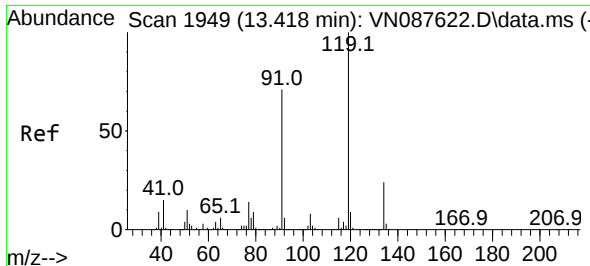
Tgt Ion: 75 Resp: 107938
Ion Ratio Lower Upper
75 100
53 97.4 101.8 152.6#
89 46.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 49.180 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

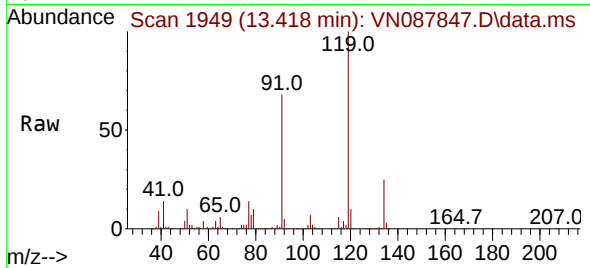
Tgt Ion: 91 Resp: 701460
Ion Ratio Lower Upper
91 100
126 33.6 15.6 46.8



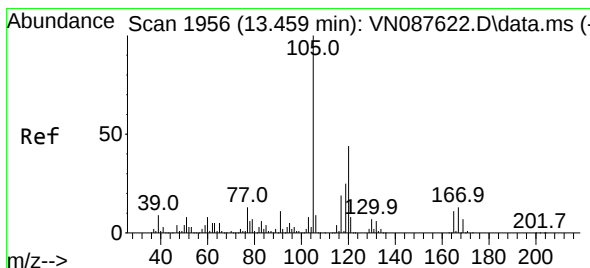
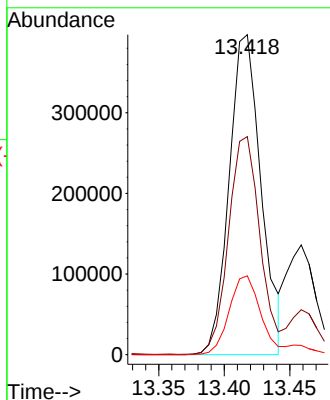
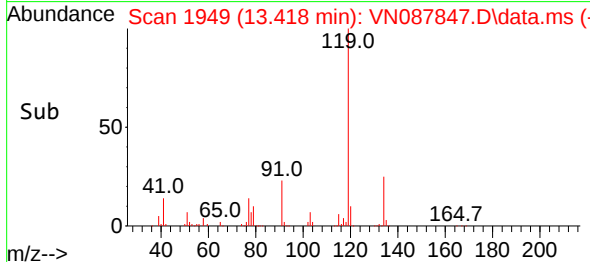


#83
 tert-Butylbenzene
 Concen: 52.096 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

Instrument :
 MSVOA_N
 ClientSampleId :

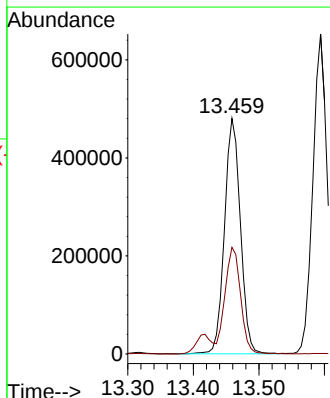
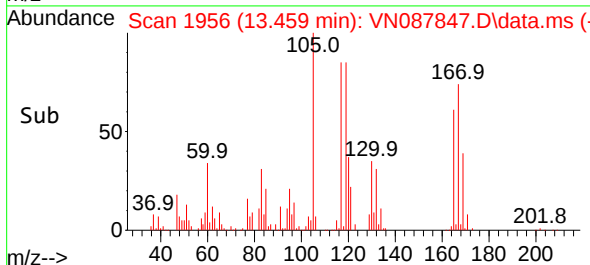
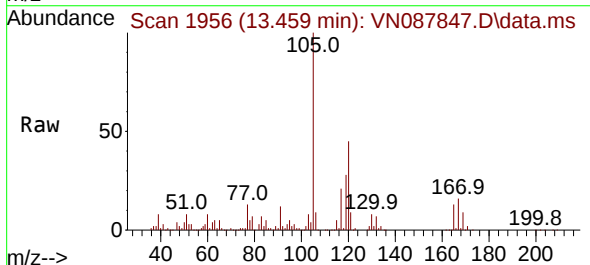


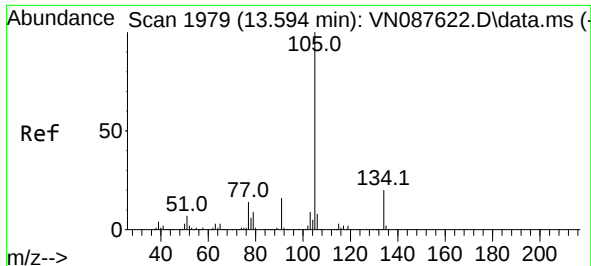
Tgt Ion:119 Resp: 674001
 Ion Ratio Lower Upper
 119 100
 91 66.9 35.0 105.0
 134 24.4 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.018 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

Tgt Ion:105 Resp: 808453
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.0 66.0

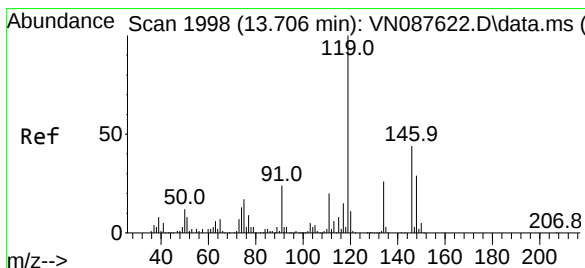
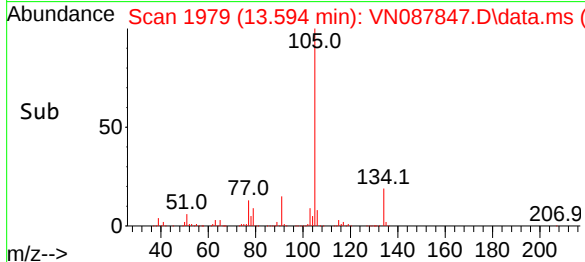
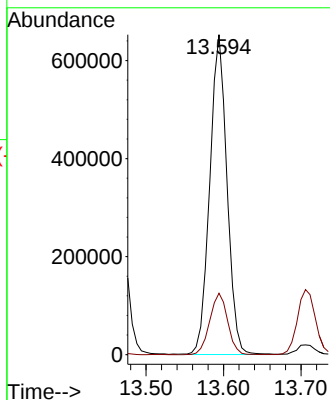
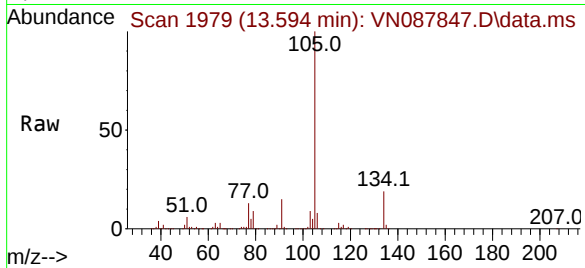




#85
 sec-Butylbenzene
 Concen: 52.481 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

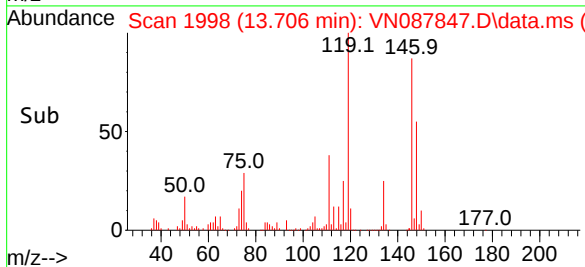
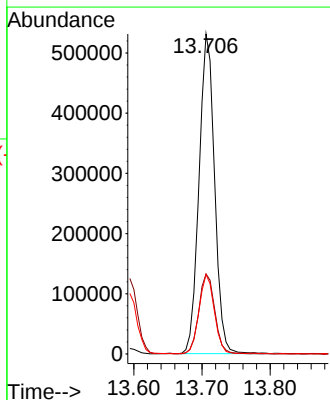
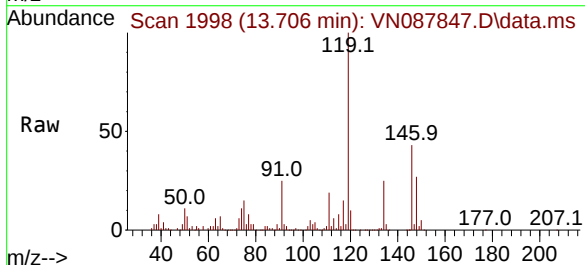
Instrument :
 MSVOA_N
 ClientSampleId :

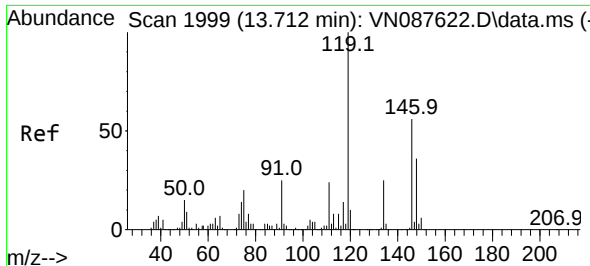
Tgt Ion:105 Resp: 1007598
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 53.083 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

Tgt Ion:119 Resp: 841554
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.0
 91 24.1 12.5 37.5

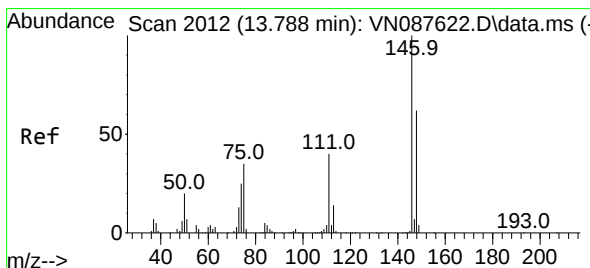
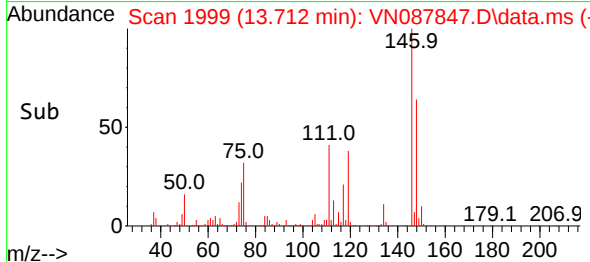
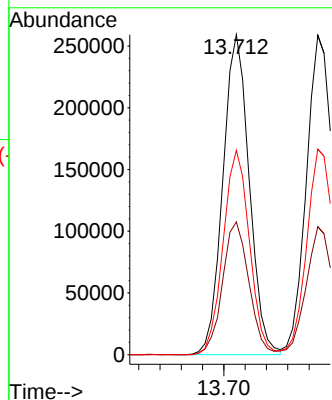
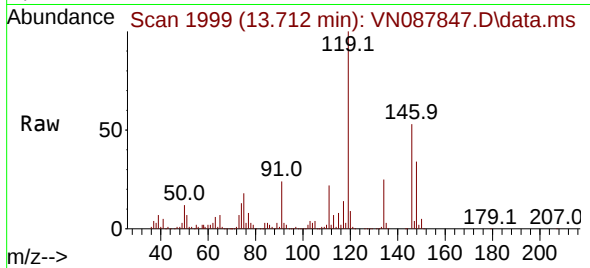




#87
 1,3-Dichlorobenzene
 Concen: 52.429 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

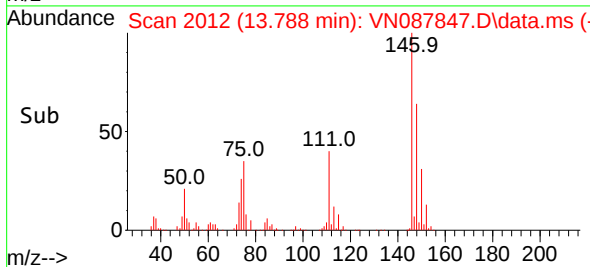
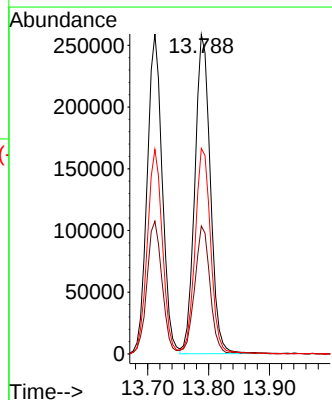
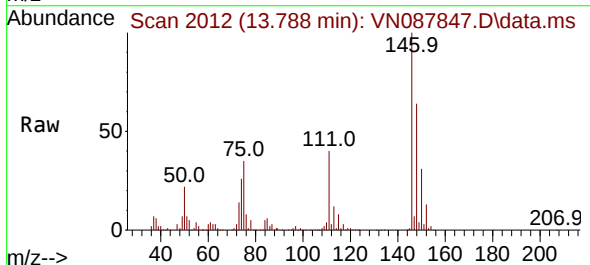
Instrument :
 MSVOA_N
 ClientSampleId :

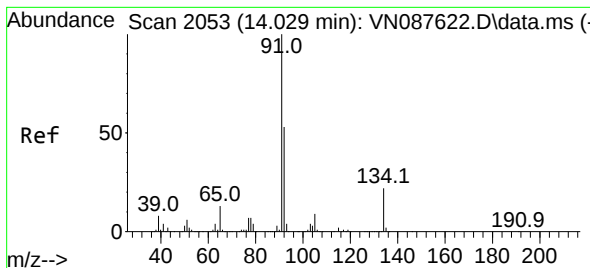
Tgt Ion:146 Resp: 445525
 Ion Ratio Lower Upper
 146 100
 111 41.5 22.1 66.5
 148 63.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 51.672 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

Tgt Ion:146 Resp: 456948
 Ion Ratio Lower Upper
 146 100
 111 39.7 21.0 63.0
 148 64.7 32.0 96.0





#89

n-Butylbenzene

Concen: 52.997 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

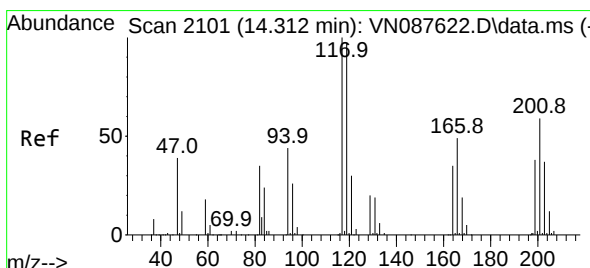
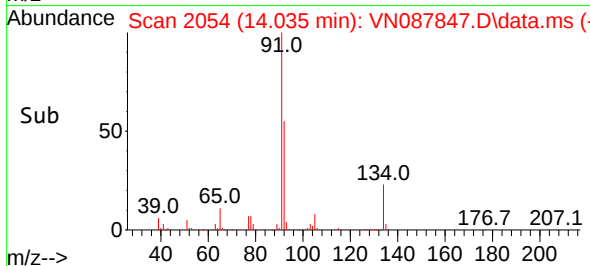
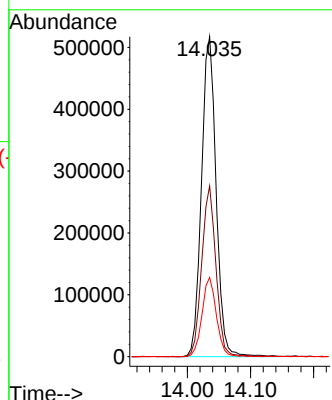
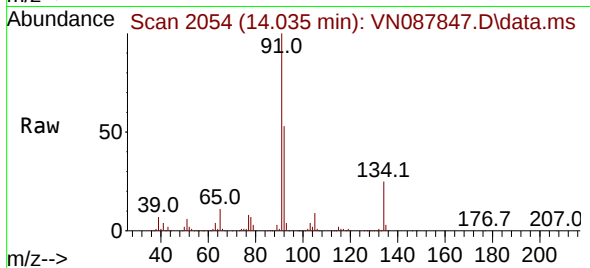
Tgt Ion: 91 Resp: 834441

Ion Ratio Lower Upper

91 100

92 51.8 25.9 77.8

134 24.4 11.7 35.0



#90

Hexachloroethane

Concen: 54.904 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087847.D

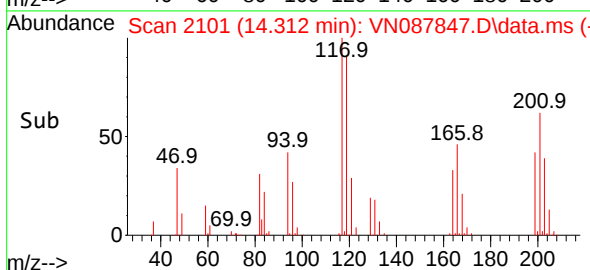
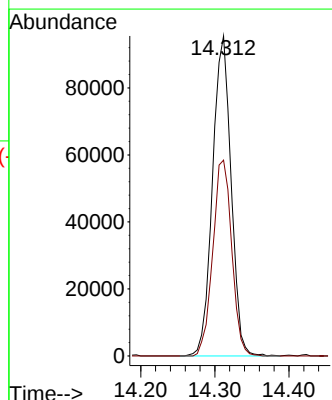
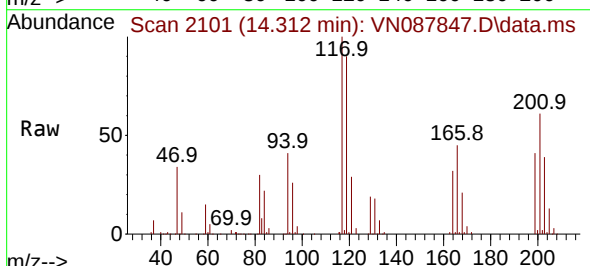
Acq: 16 Sep 2025 13:55

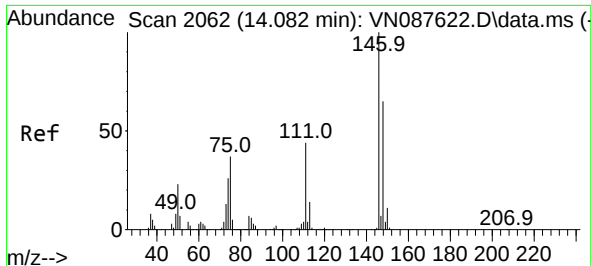
Tgt Ion: 117 Resp: 165831

Ion Ratio Lower Upper

117 100

201 62.5 29.1 87.4





#91

1,2-Dichlorobenzene

Concen: 52.963 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

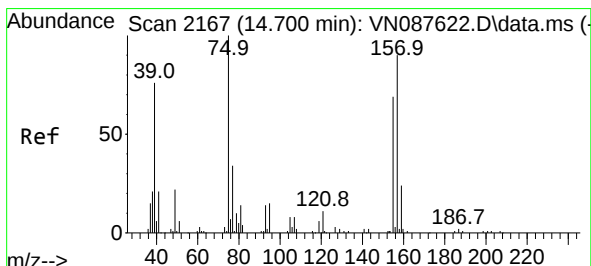
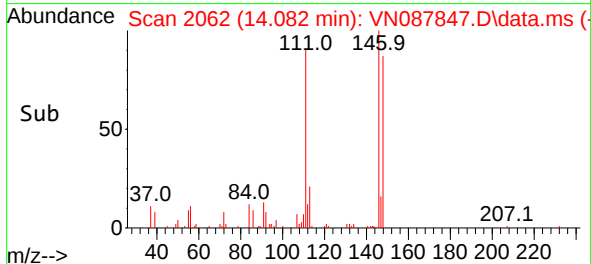
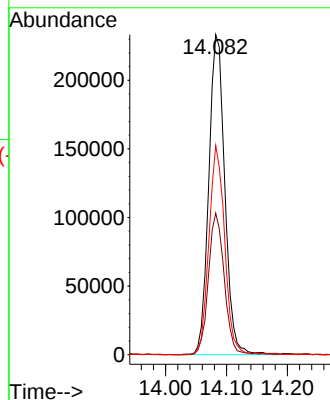
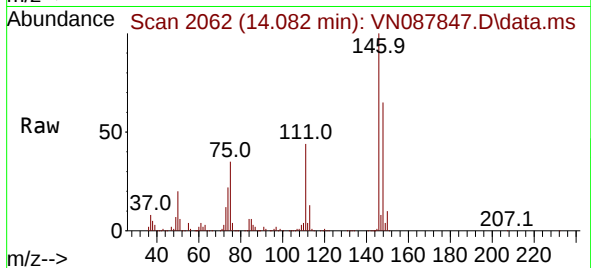
Tgt Ion:146 Resp: 426983

Ion Ratio Lower Upper

146 100

111 43.8 22.6 67.8

148 63.9 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.587 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

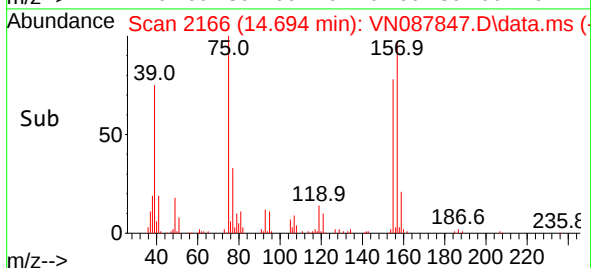
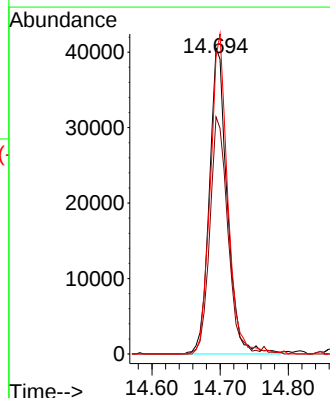
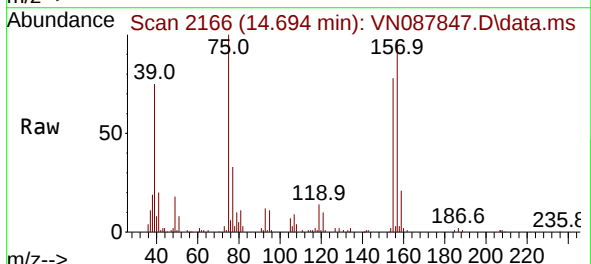
Tgt Ion: 75 Resp: 74222

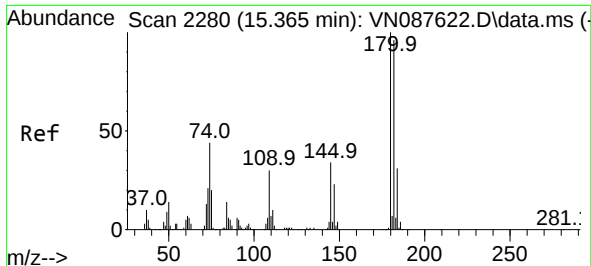
Ion Ratio Lower Upper

75 100

155 77.7 36.6 109.9

157 101.8 45.6 136.9

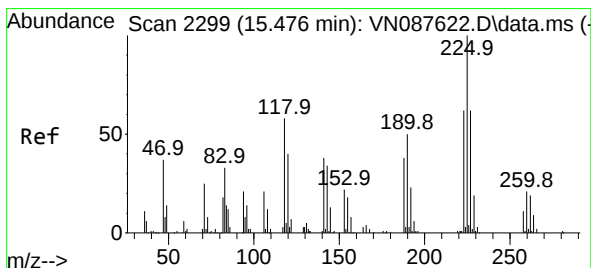
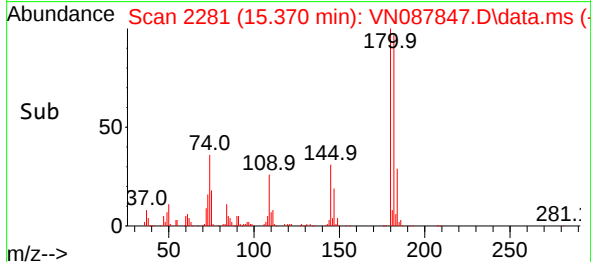
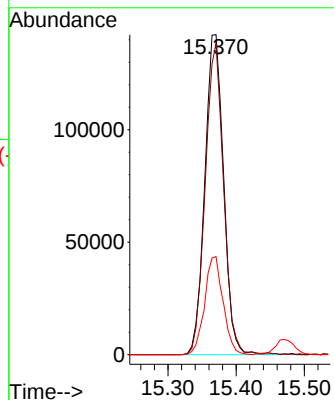
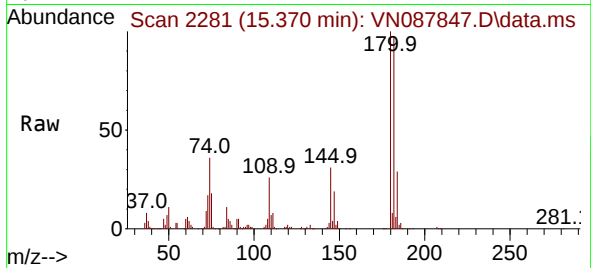




#93
1,2,4-Trichlorobenzene
Concen: 56.445 ug/l
RT: 15.370 min Scan# 2280
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

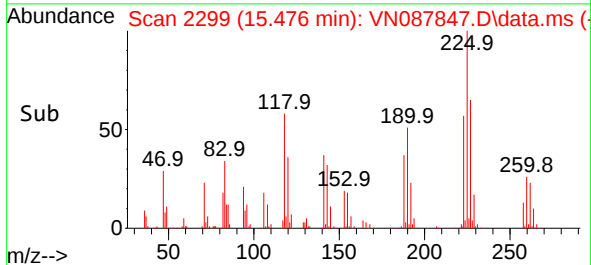
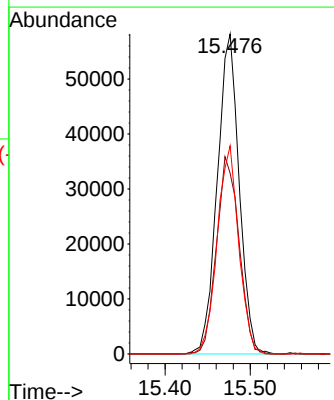
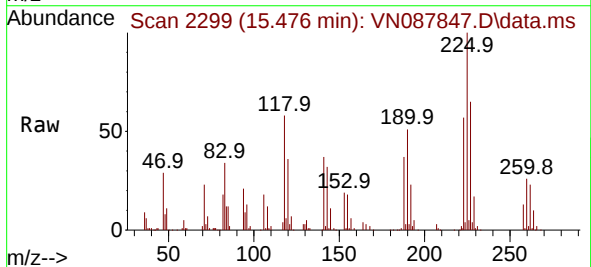
Instrument :
MSVOA_N
ClientSampleId :

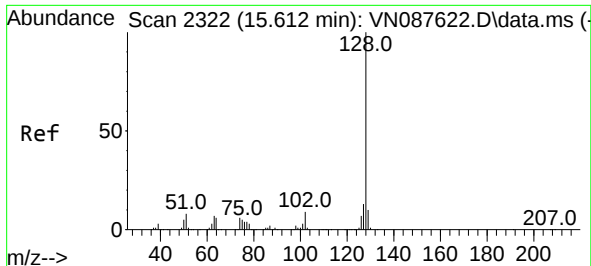
Tgt Ion:180 Resp: 273253
Ion Ratio Lower Upper
180 100
182 94.5 47.6 142.9
145 30.1 16.5 49.5



#94
Hexachlorobutadiene
Concen: 60.079 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion:225 Resp: 103689
Ion Ratio Lower Upper
225 100
223 63.8 32.0 96.2
227 64.0 32.1 96.5

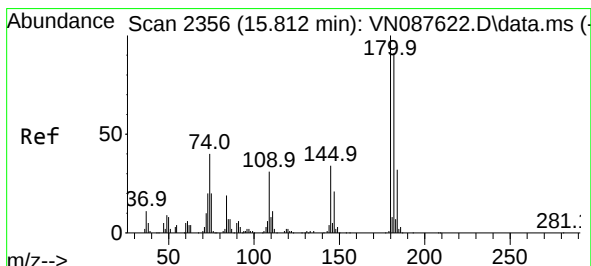
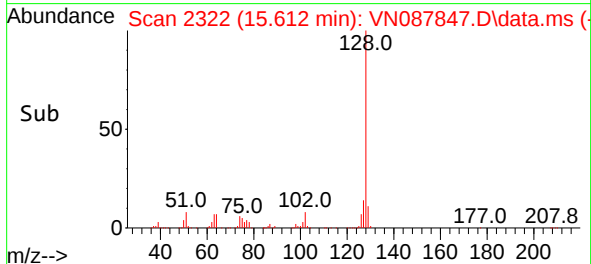
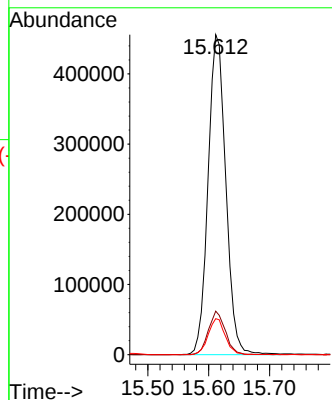
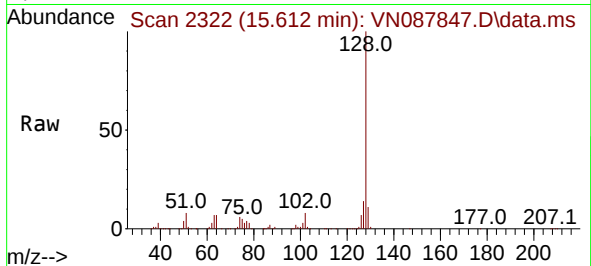




#95
Naphthalene
Concen: 53.862 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 923574
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 55.379 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion:180 Resp: 262091
Ion Ratio Lower Upper
180 100
182 96.2 46.8 140.3
145 33.4 17.3 52.0

