

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
 Data File : VN088490.D
 Acq On : 10 Dec 2025 11:30
 Operator : JC\MD
 Sample : VN1210MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 11 02:04:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	239935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	463963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	421763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	207175	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	264951	58.619	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.240%	
35) Dibromofluoromethane	8.147	113	171458	53.327	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.660%	
50) Toluene-d8	10.541	98	616050	51.495	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.000%	
62) 4-Bromofluorobenzene	12.829	95	218833	53.312	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.620%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.142	85	66901	18.564	ug/l 98
3) Chloromethane	2.383	50	77432	20.005	ug/l 98
4) Vinyl Chloride	2.536	62	74058	18.808	ug/l 92
5) Bromomethane	2.989	94	39575	20.882	ug/l 96
6) Chloroethane	3.148	64	50590	20.761	ug/l 96
7) Trichlorofluoromethane	3.518	101	110021	19.880	ug/l 97
8) Diethyl Ether	3.959	74	44324	21.338	ug/l 96
9) 1,1,2-Trichlorotrifluo...	4.377	101	56642	19.225	ug/l 99
10) Methyl Iodide	4.583	142	50146	17.193	ug/l # 91
11) Tert butyl alcohol	5.512	59	60937	84.444	ug/l 96
12) 1,1-Dichloroethene	4.342	96	56172	19.189	ug/l 93
13) Acrolein	4.177	56	66502	96.258	ug/l 99
14) Allyl chloride	5.018	41	112330	20.704	ug/l 98
15) Acrylonitrile	5.706	53	218782	105.081	ug/l 98
16) Acetone	4.418	43	183995	112.561	ug/l 97
17) Carbon Disulfide	4.712	76	177918	18.600	ug/l 98
18) Methyl Acetate	5.018	43	112475	23.116	ug/l 98
19) Methyl tert-butyl Ether	5.777	73	238476	21.744	ug/l 96
20) Methylene Chloride	5.265	84	74120	21.193	ug/l 96
21) trans-1,2-Dichloroethene	5.771	96	64668	19.943	ug/l 97
22) Diisopropyl ether	6.653	45	260567	22.495	ug/l 92
23) Vinyl Acetate	6.589	43	1147799	122.989	ug/l 98
24) 1,1-Dichloroethane	6.553	63	146086	22.270	ug/l 99
25) 2-Butanone	7.465	43	279418	106.329	ug/l 92
26) 2,2-Dichloropropane	7.477	77	122144	21.572	ug/l 99
27) cis-1,2-Dichloroethene	7.465	96	79313	21.046	ug/l 98
28) Bromochloromethane	7.800	49	70544	21.588	ug/l 97
29) Tetrahydrofuran	7.824	42	200738	106.499	ug/l 97
30) Chloroform	7.947	83	147188	22.835	ug/l 95
31) Cyclohexane	8.236	56	110006	18.506	ug/l 93
32) 1,1,1-Trichloroethane	8.147	97	120942	21.340	ug/l 94
36) 1,1-Dichloropropene	8.353	75	89653	18.067	ug/l 99
37) Ethyl Acetate	7.547	43	131091	20.092	ug/l 98
38) Carbon Tetrachloride	8.347	117	98717	19.984	ug/l 91
39) Methylcyclohexane	9.577	83	83548	15.741	ug/l 93
40) Benzene	8.588	78	293260	20.136	ug/l 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	67725	20.957	ug/l	97
42) 1,2-Dichloroethane	8.653	62	129220	23.256	ug/l	100
43) Isopropyl Acetate	8.671	43	203323	20.396	ug/l	99
44) Trichloroethene	9.330	130	64267	18.676	ug/l	91
45) 1,2-Dichloropropane	9.594	63	79397	21.278	ug/l	98
46) Dibromomethane	9.688	93	59119	22.200	ug/l	97
47) Bromodichloromethane	9.871	83	118421	21.795	ug/l	96
48) Methyl methacrylate	9.659	41	91902	20.205	ug/l	98
49) 1,4-Dioxane	9.677	88	19294	333.550	ug/l #	94
51) 4-Methyl-2-Pentanone	10.424	43	631633	107.495	ug/l	98
52) Toluene	10.606	92	177428	21.098	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	113278	20.311	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	123813	21.110	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	69043	21.220	ug/l	98
56) Ethyl methacrylate	10.853	69	104275	20.289	ug/l	99
57) 1,3-Dichloropropane	11.141	76	127313	21.690	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	271429	91.607	ug/l	99
59) 2-Hexanone	11.177	43	370935	100.210	ug/l	97
60) Dibromochloromethane	11.335	129	79260	21.369	ug/l	98
61) 1,2-Dibromoethane	11.447	107	68262	20.718	ug/l	96
64) Tetrachloroethene	11.082	164	54191	16.207	ug/l	93
65) Chlorobenzene	11.871	112	190890	20.150	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	67294	21.061	ug/l	99
67) Ethyl Benzene	11.941	91	315850	19.075	ug/l	97
68) m/p-Xylenes	12.047	106	236525	38.527	ug/l	98
69) o-Xylene	12.377	106	108849	18.598	ug/l	96
70) Styrene	12.388	104	192573	20.264	ug/l	98
71) Bromoform	12.559	173	48273	20.627	ug/l #	100
73) Isopropylbenzene	12.671	105	280266	18.296	ug/l	99
74) N-amyl acetate	12.535	43	10614	2.035	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.918	83	105969	21.399	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	140125	28.877	ug/l	65
77) Bromobenzene	12.959	156	72031	20.552	ug/l	99
78) n-propylbenzene	13.012	91	350570	18.707	ug/l	98
79) 2-Chlorotoluene	13.100	91	217924	19.043	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	234298	18.458	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	31878	18.637	ug/l #	94
82) 4-Chlorotoluene	13.200	91	227044	19.975	ug/l	98
83) tert-Butylbenzene	13.418	119	191145	17.715	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	245542	19.462	ug/l	99
85) sec-Butylbenzene	13.594	105	275594	17.779	ug/l	100
86) p-Isopropyltoluene	13.706	119	230001	18.094	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	132967	19.489	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	137101	19.184	ug/l	95
89) n-Butylbenzene	14.035	91	211634	17.148	ug/l	98
90) Hexachloroethane	14.306	117	42318	18.224	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	126309	19.673	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	21852	18.187	ug/l	98
93) 1,2,4-Trichlorobenzene	15.370	180	65335	17.127	ug/l	97
94) Hexachlorobutadiene	15.476	225	22890	16.698	ug/l	97
95) Naphthalene	15.617	128	222786	16.853	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	63849	17.198	ug/l	95

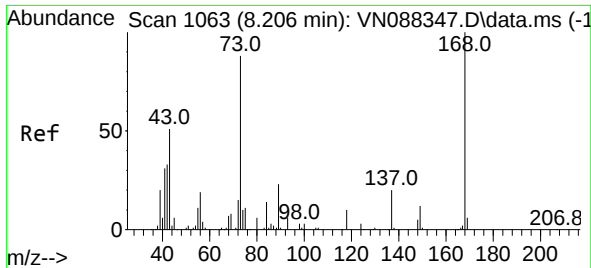
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Response via : Initial Calibration

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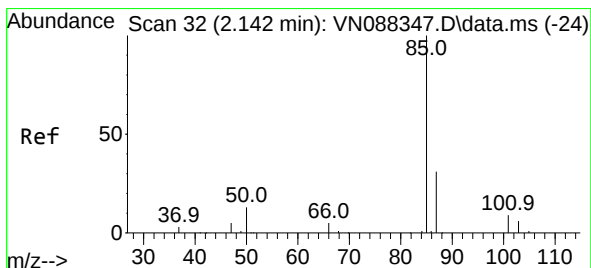
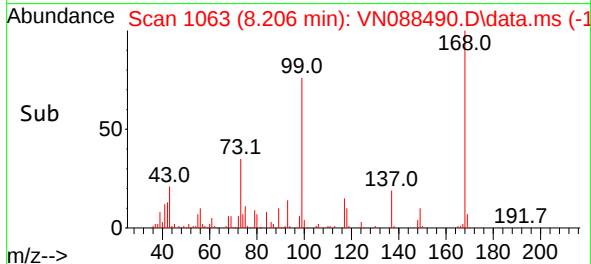
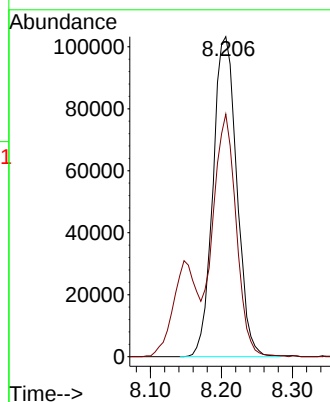
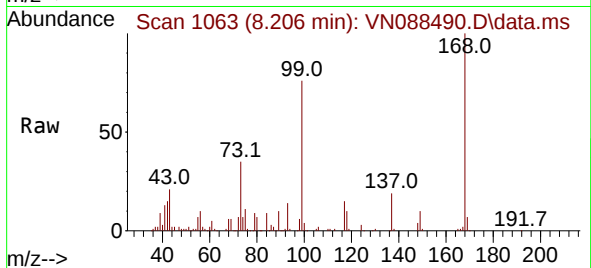
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

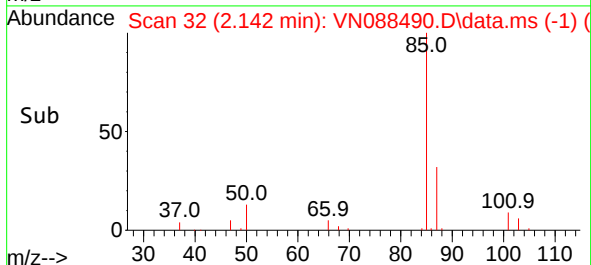
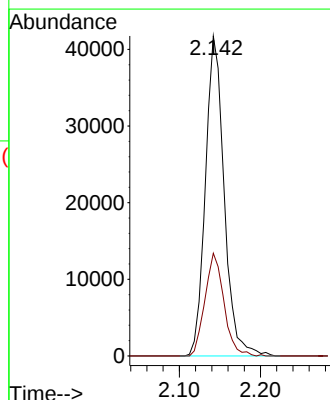
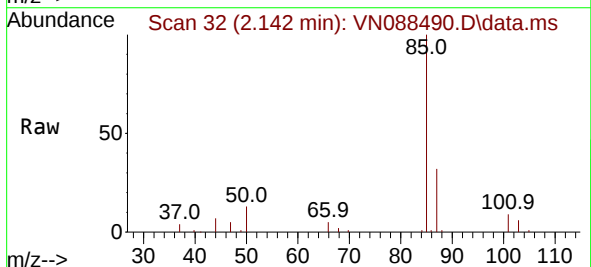
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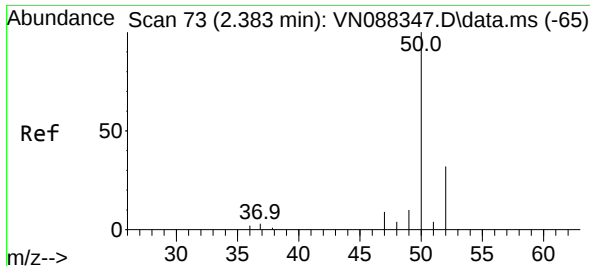
Tgt Ion:168 Resp: 239935
Ion Ratio Lower Upper
168 100
99 75.5 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 18.564 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 85 Resp: 66901
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.7

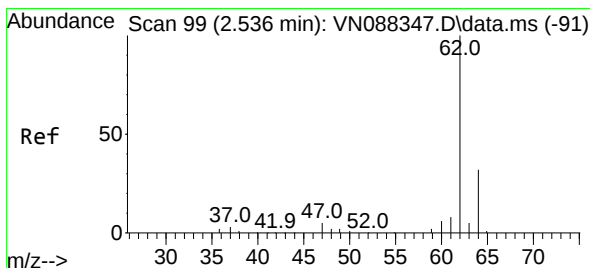
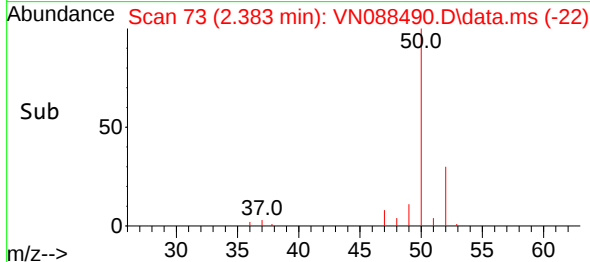
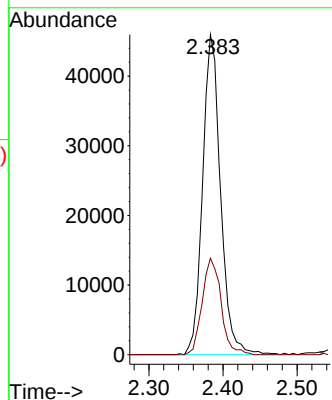
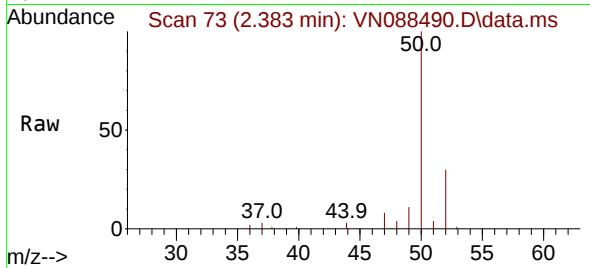




#3
Chloromethane
Concen: 20.005 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

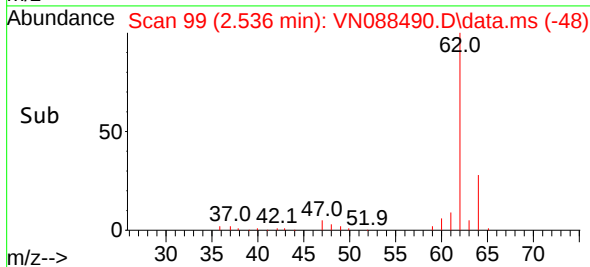
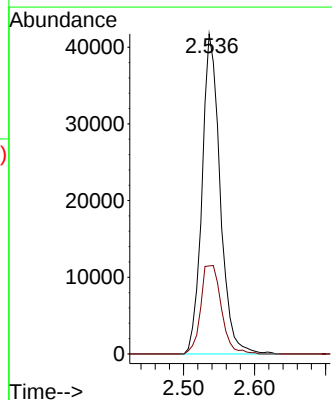
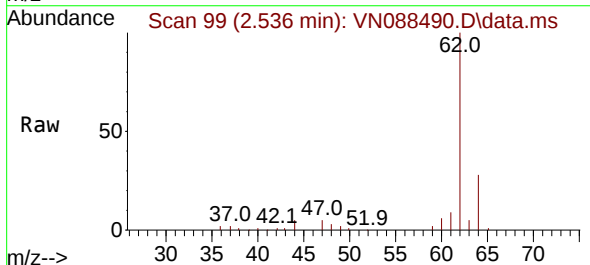
Instrument :
MSVOA_N
ClientSampleId :

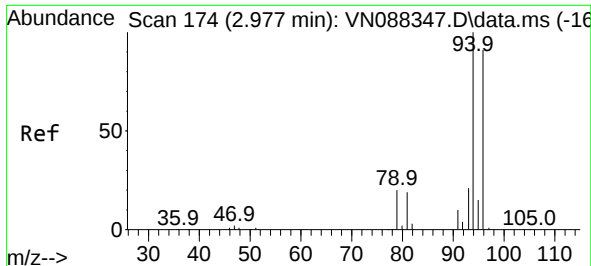
Tgt Ion: 50 Resp: 77432
Ion Ratio Lower Upper
50 100
52 30.1 25.2 37.8



#4
Vinyl Chloride
Concen: 18.808 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 62 Resp: 74058
Ion Ratio Lower Upper
62 100
64 27.5 25.4 38.2

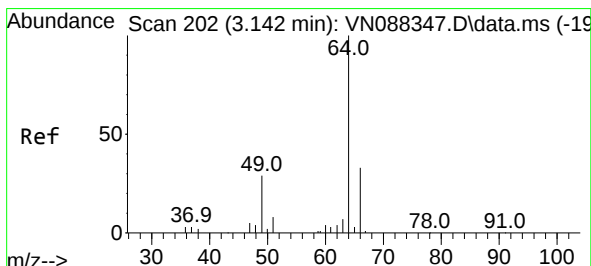
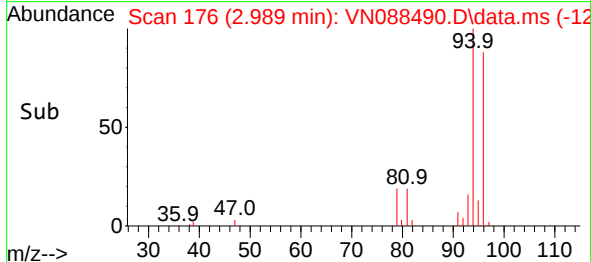
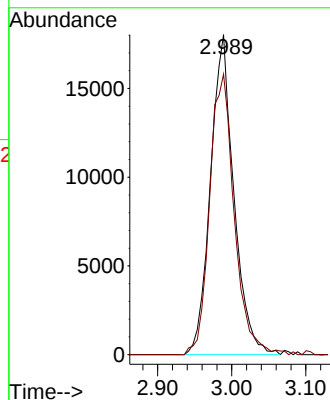
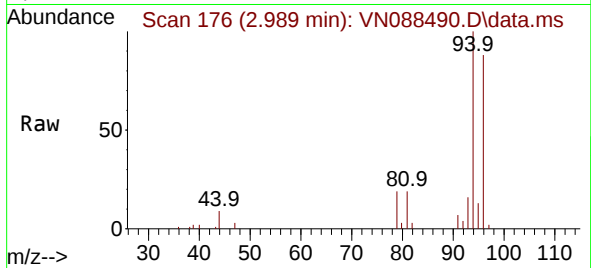




#5
Bromomethane
Concen: 20.882 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

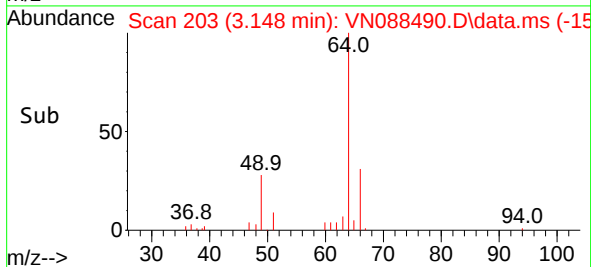
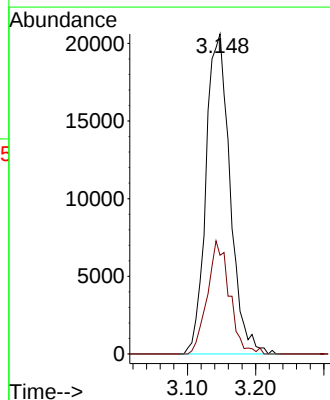
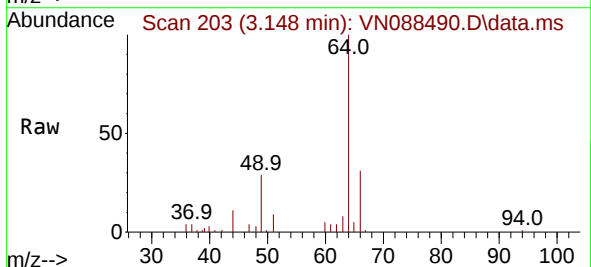
Instrument :
MSVOA_N
ClientSampleId :

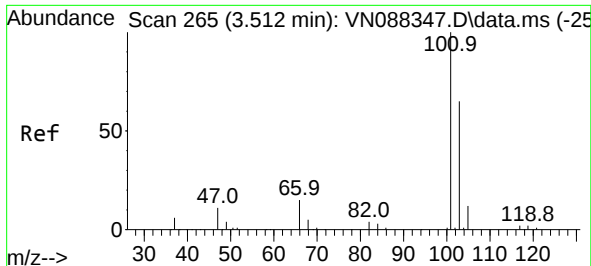
Tgt Ion: 94 Resp: 39575
Ion Ratio Lower Upper
94 100
96 87.6 73.2 109.8



#6
Chloroethane
Concen: 20.761 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 64 Resp: 50590
Ion Ratio Lower Upper
64 100
66 30.8 26.4 39.6

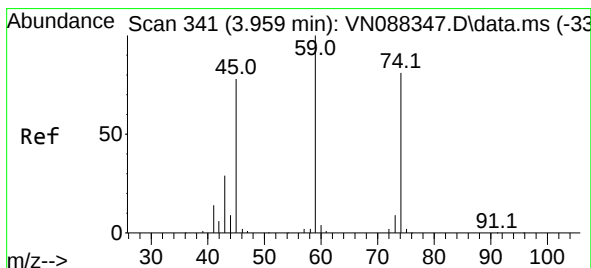
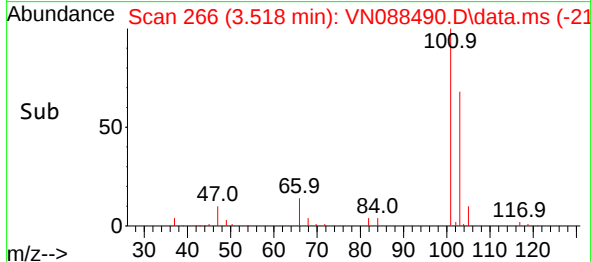
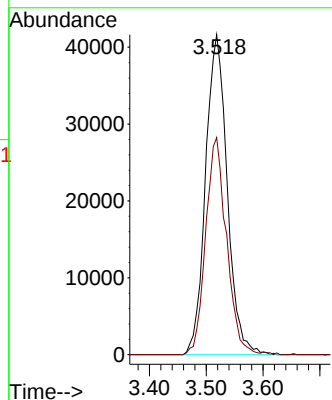
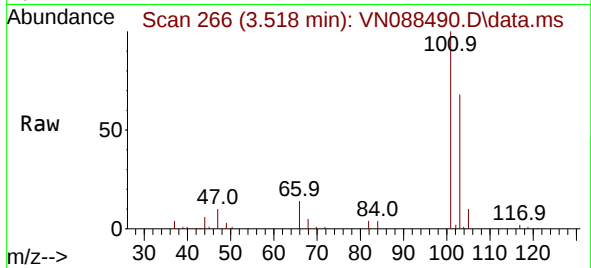




#7
 Trichlorofluoromethane
 Concen: 19.880 ug/l
 RT: 3.518 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN088490.D
 Acq: 10 Dec 2025 11:30

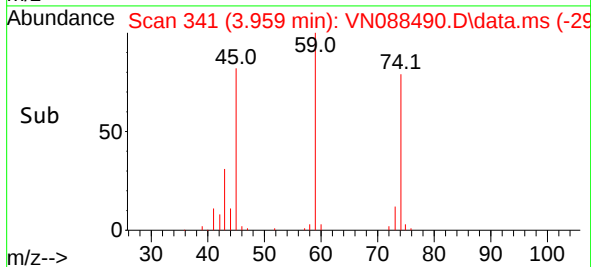
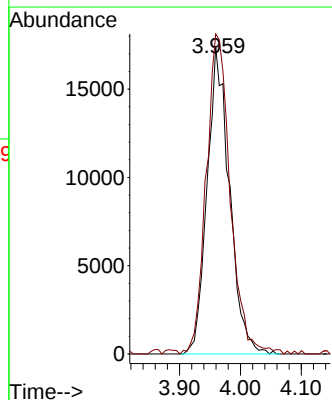
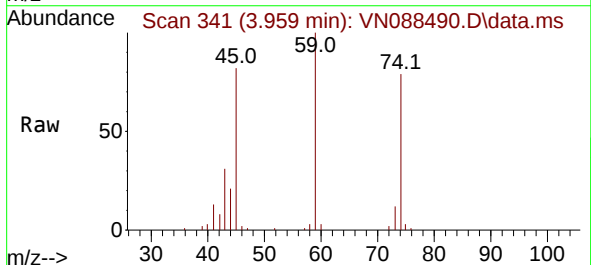
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 ClientSampleId :

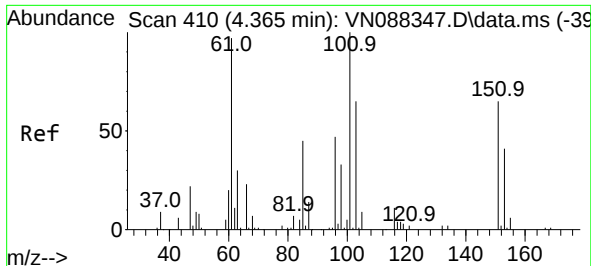
Tgt Ion:101 Resp: 110021
 Ion Ratio Lower Upper
 101 100
 103 67.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 21.338 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN088490.D
 Acq: 10 Dec 2025 11:30

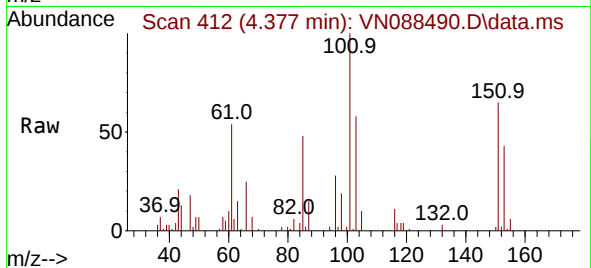
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 Ion Ratio Lower Upper
 74 100
 45 112.5 54.2 162.6



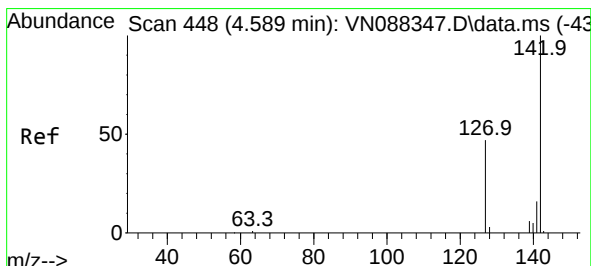
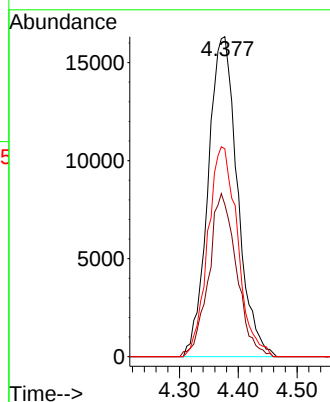
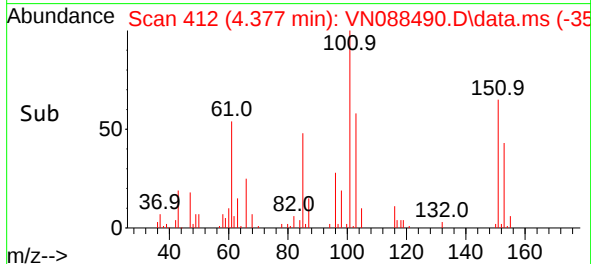


#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.225 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN088490.D
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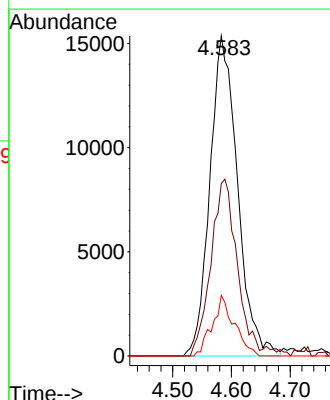
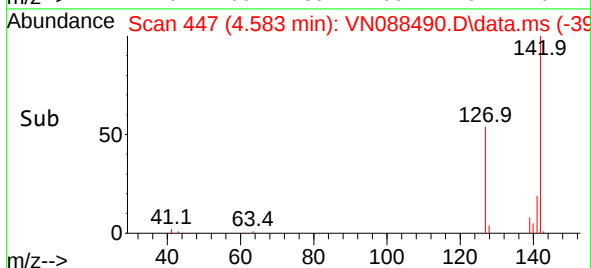
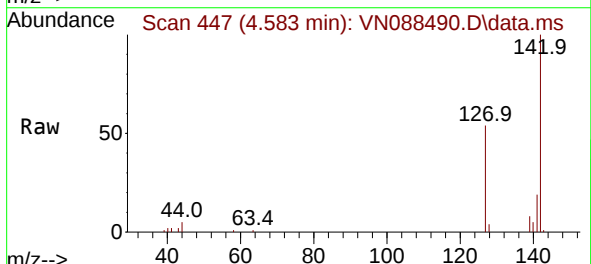


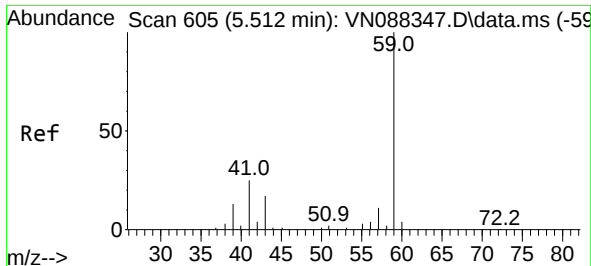
Tgt Ion:101 Resp: 56642
Ion Ratio Lower Upper
101 100
85 48.5 39.2 58.8
151 66.2 53.6 80.4



#10
Methyl Iodide
Concen: 17.193 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion:142 Resp: 50146
Ion Ratio Lower Upper
142 100
127 53.9 37.9 56.9
141 18.9 12.4 18.6#

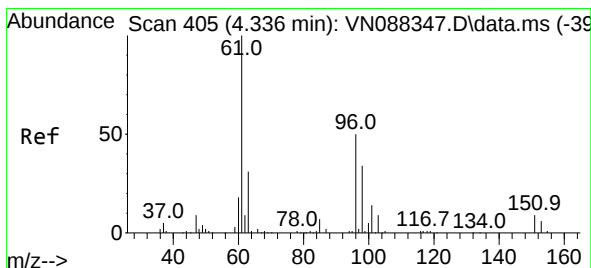
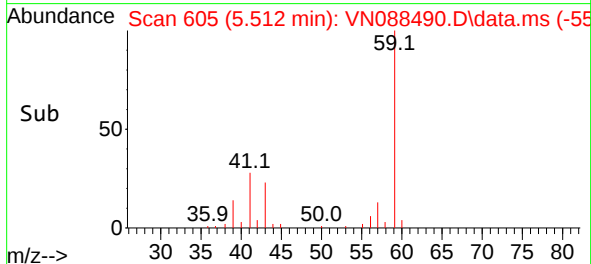
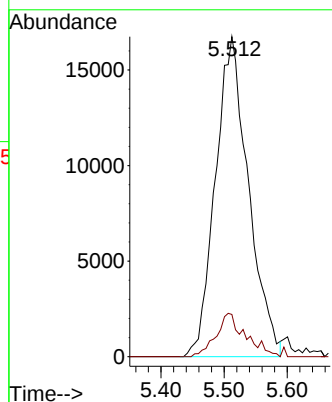
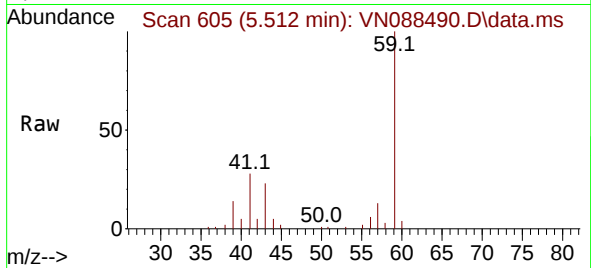




#11
Tert butyl alcohol
Concen: 84.444 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

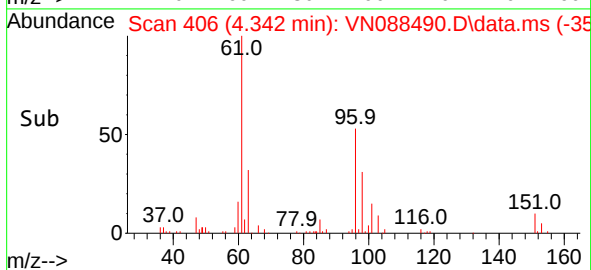
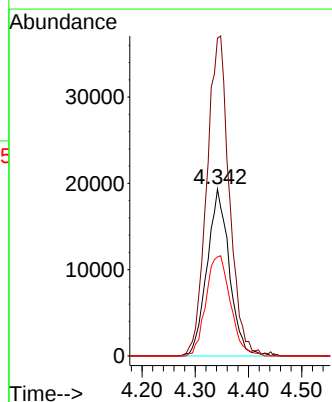
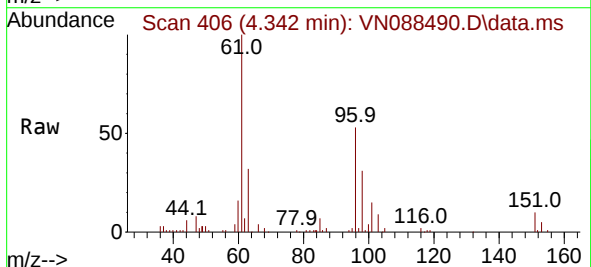
Instrument :
MSVOA_N
ClientSampleId :

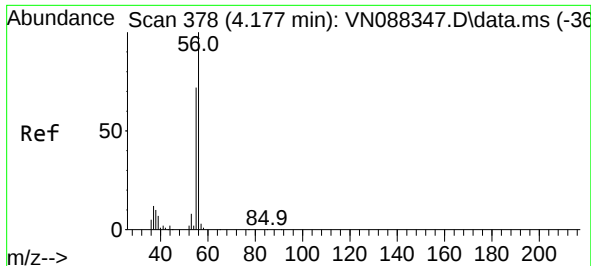
Tgt Ion: 59 Resp: 60937
Ion Ratio Lower Upper
59 100
57 12.0 8.5 12.7



#12
1,1-Dichloroethene
Concen: 19.189 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 96 Resp: 56172
Ion Ratio Lower Upper
96 100
61 190.3 159.1 238.7
98 59.4 53.7 80.5





#13

Acrolein

Concen: 96.258 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

Instrument :

MSVOA_N

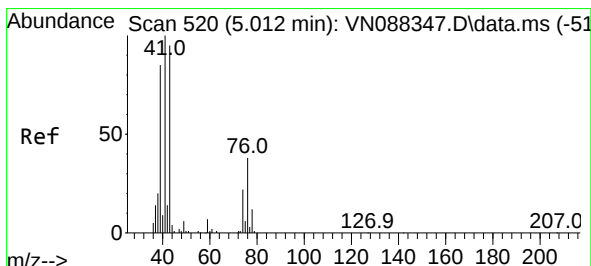
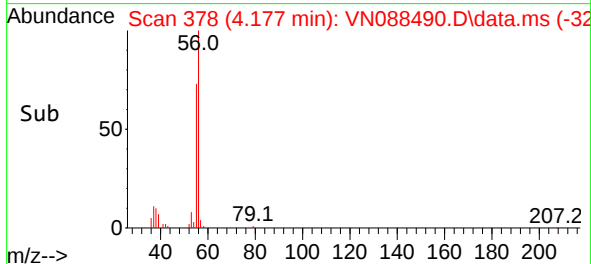
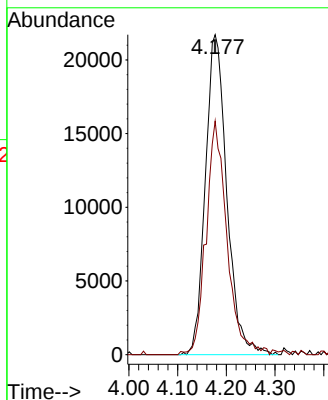
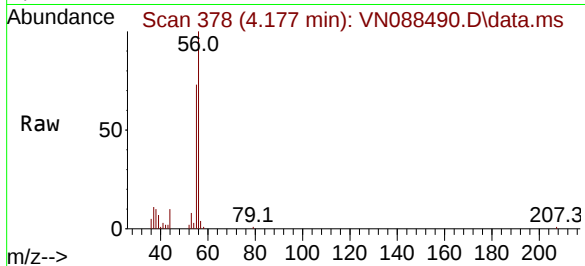
ClientSampleId :

Tgt Ion: 56 Resp: 66502

Ion Ratio Lower Upper

56 100

55 71.1 56.3 84.5



#14

Allyl chloride

Concen: 20.704 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

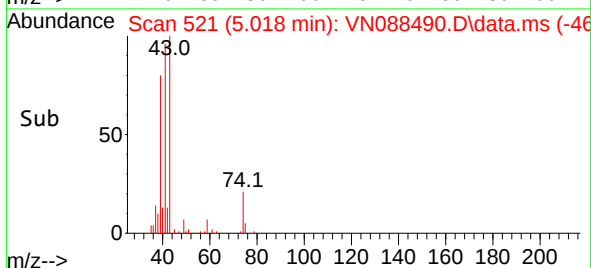
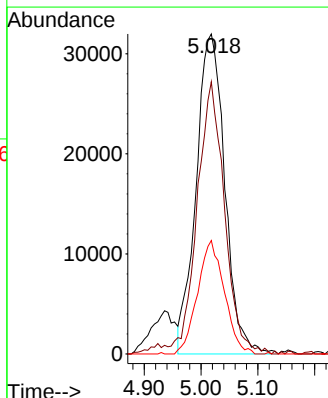
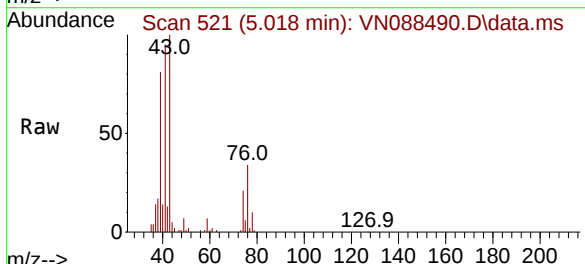
Tgt Ion: 41 Resp: 112330

Ion Ratio Lower Upper

41 100

39 80.9 64.7 97.1

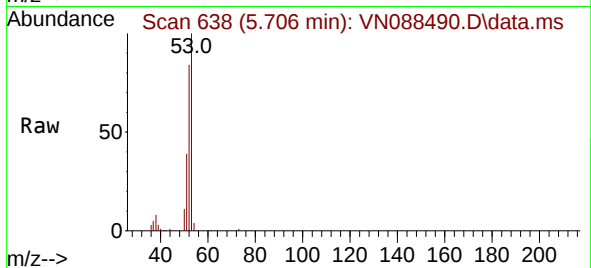
76 33.0 29.1 43.7





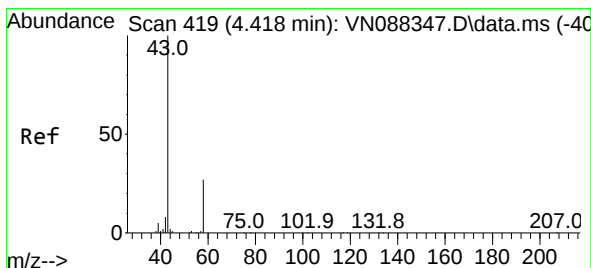
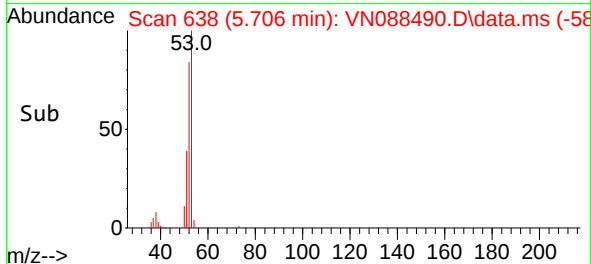
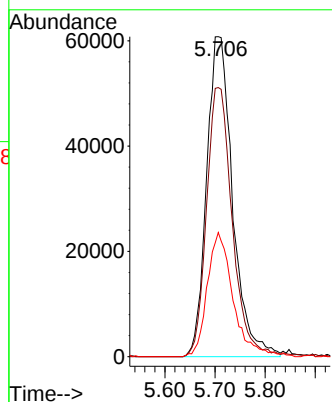
#15
Acrylonitrile
Concen: 105.081 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 218782

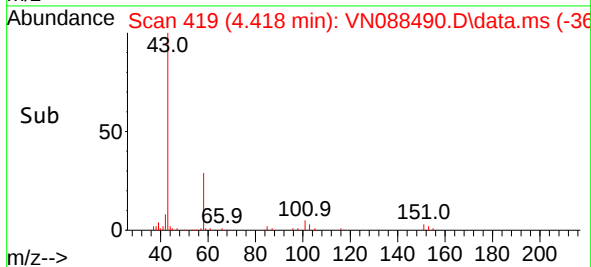
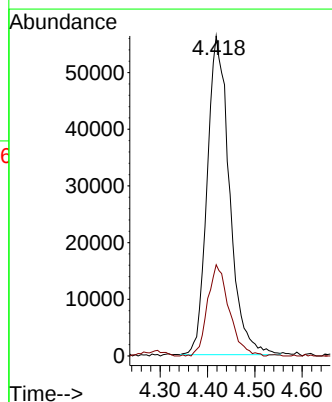
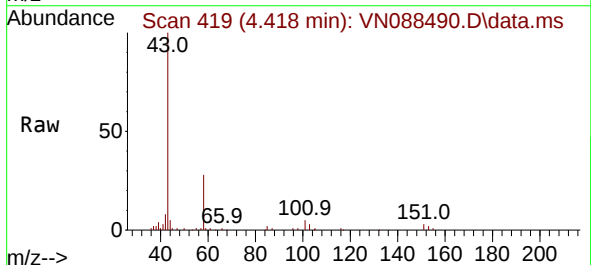
Ion	Ratio	Lower	Upper
53	100		
52	83.6	67.8	101.6
51	38.6	29.8	44.8

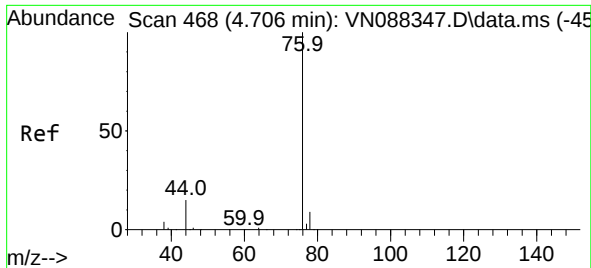


#16
Acetone
Concen: 112.561 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 43 Resp: 183995

Ion	Ratio	Lower	Upper
43	100		
58	28.6	21.7	32.5

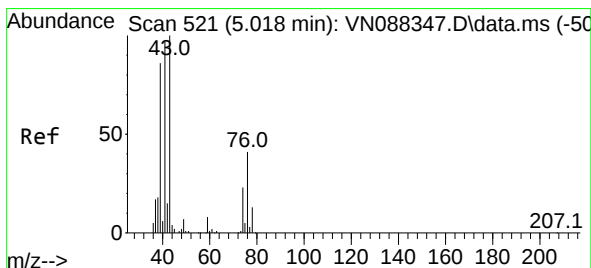
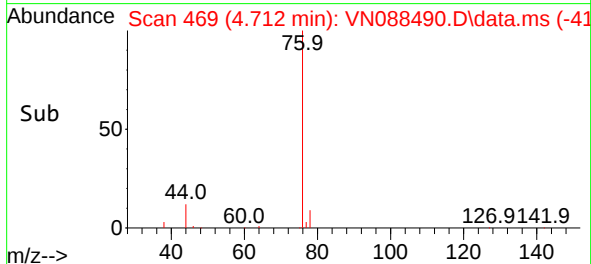
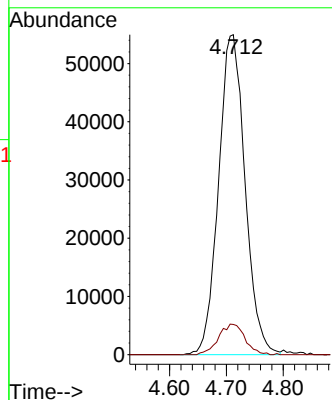
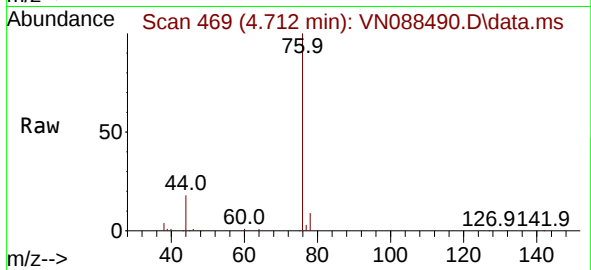




#17
Carbon Disulfide
Concen: 18.600 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

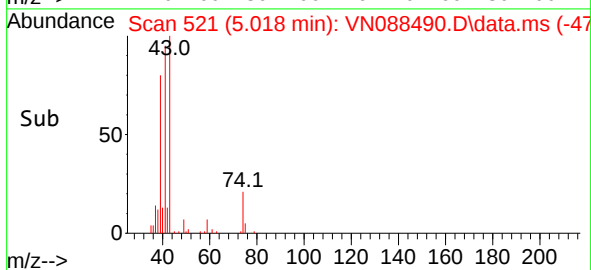
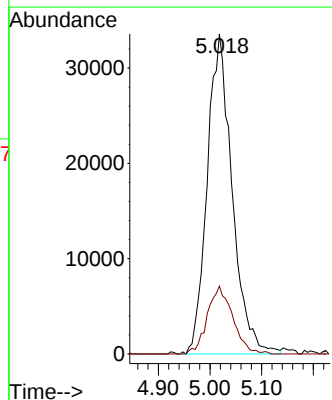
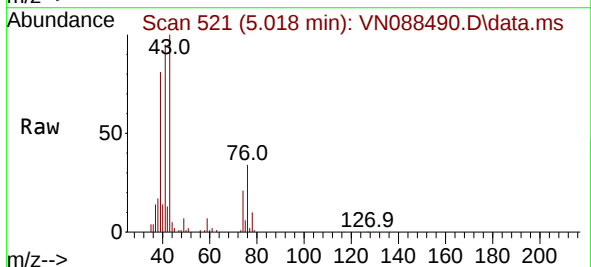
Instrument :
MSVOA_N
ClientSampleId :

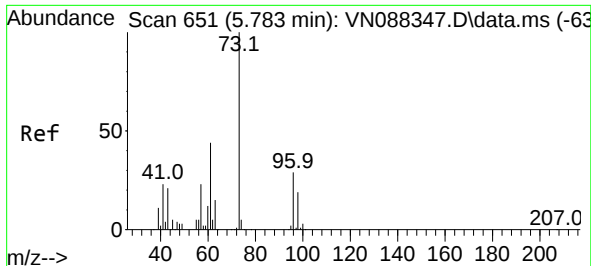
Tgt Ion: 76 Resp: 177918
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 23.116 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 43 Resp: 112475
Ion Ratio Lower Upper
43 100
74 21.5 17.9 26.9

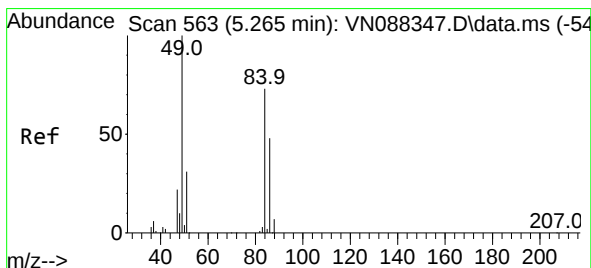
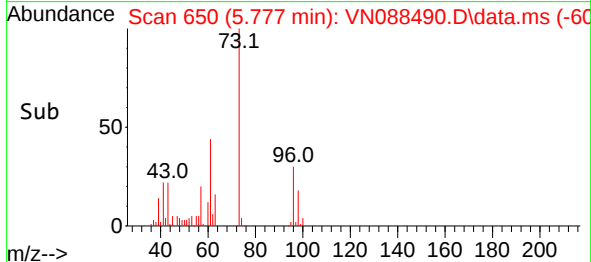
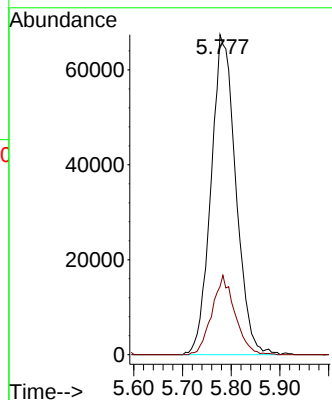
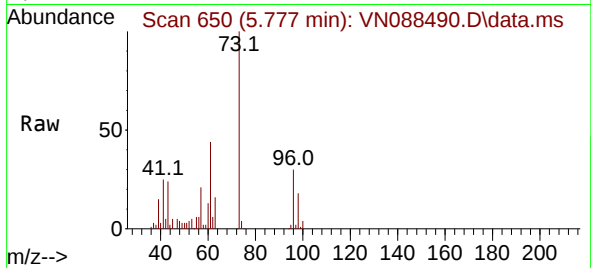




#19
Methyl tert-butyl Ether
Concen: 21.744 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

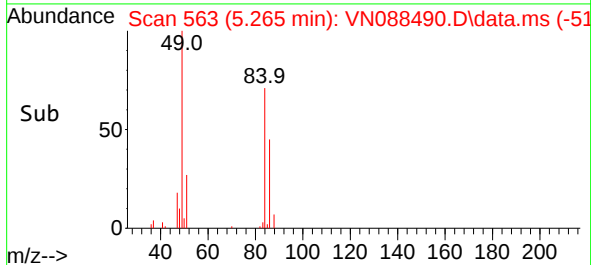
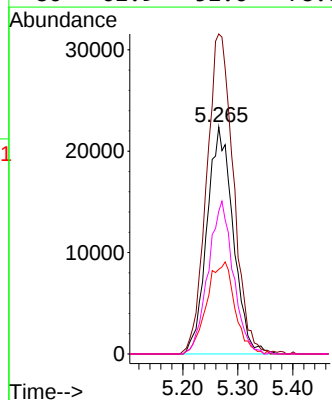
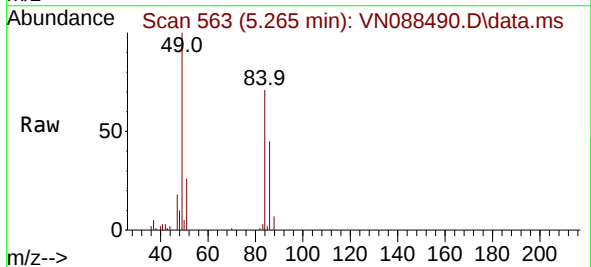
Instrument :
MSVOA_N
ClientSampleId :

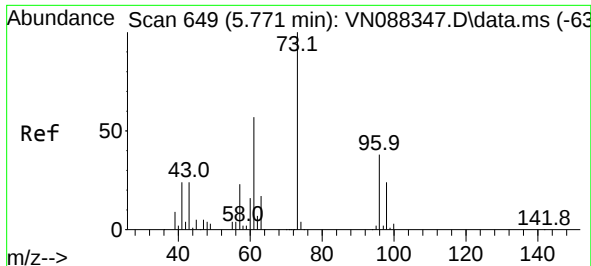
Tgt Ion: 73 Resp: 238476
Ion Ratio Lower Upper
73 100
57 21.3 18.6 28.0



#20
Methylene Chloride
Concen: 21.193 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 84 Resp: 74120
Ion Ratio Lower Upper
84 100
49 141.0 110.2 165.2
51 37.3 34.1 51.1
86 62.9 52.6 78.8

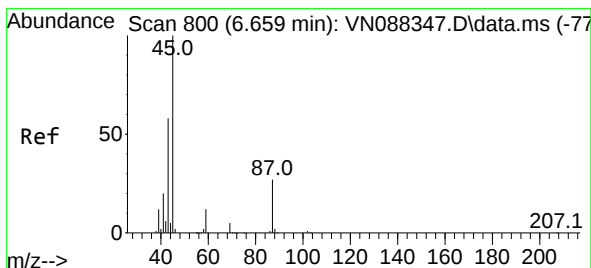
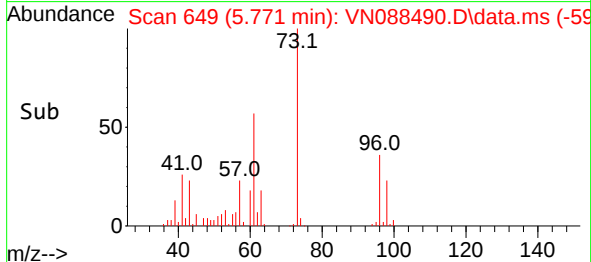
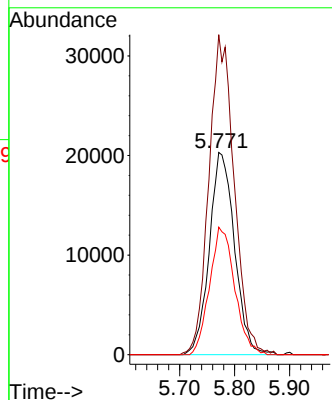
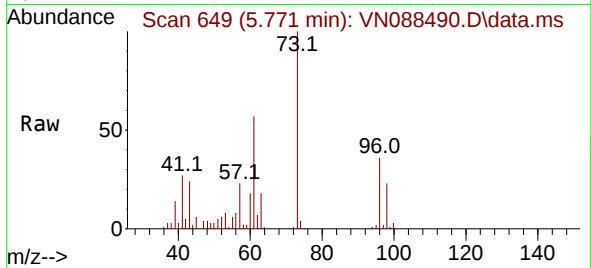




#21
trans-1,2-Dichloroethene
Concen: 19.943 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

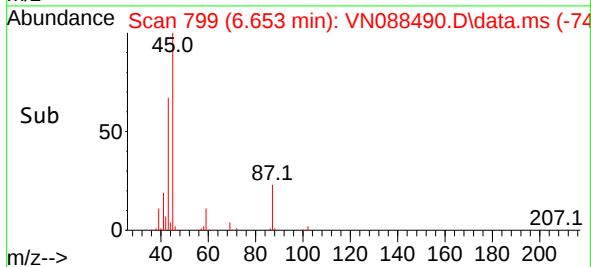
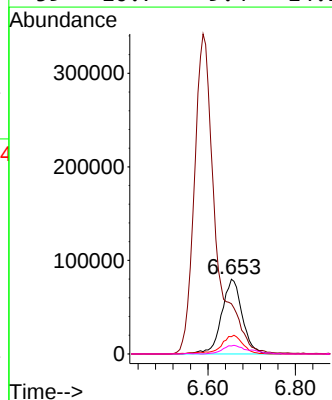
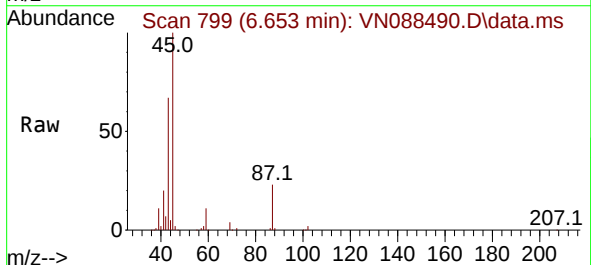
Instrument :
MSVOA_N
ClientSampleId :

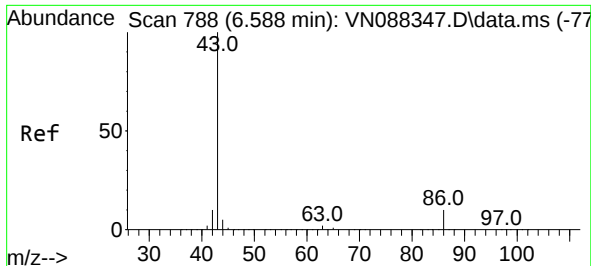
Tgt Ion: 96 Resp: 64668
Ion Ratio Lower Upper
96 100
61 158.3 122.4 183.6
98 63.1 50.9 76.3



#22
Diisopropyl ether
Concen: 22.495 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 45 Resp: 260567
Ion Ratio Lower Upper
45 100
43 65.7 47.4 71.2
87 23.0 21.9 32.9
59 10.7 9.4 14.2

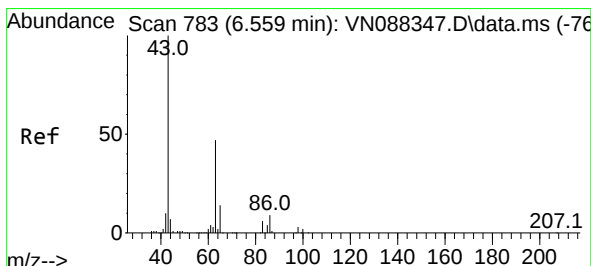
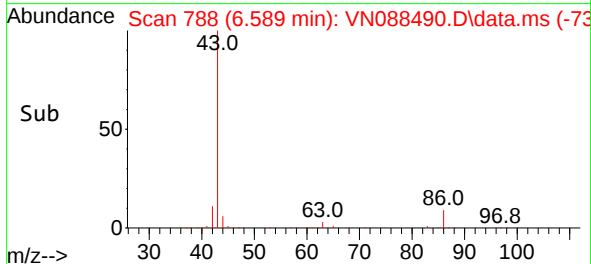
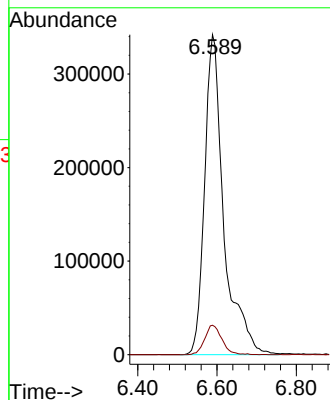
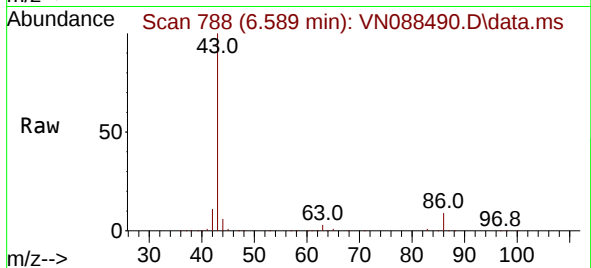




#23
 Vinyl Acetate
 Concen: 122.989 ug/l
 RT: 6.589 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN088490.D
 Acq: 10 Dec 2025 11:30

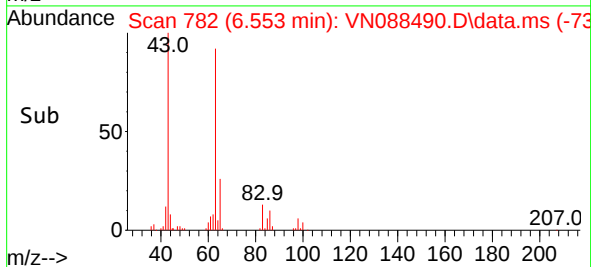
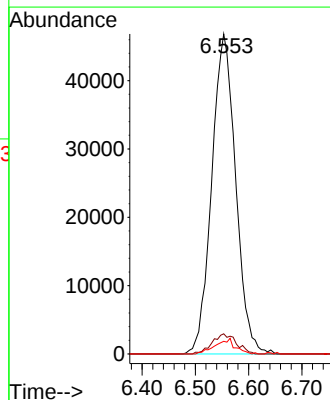
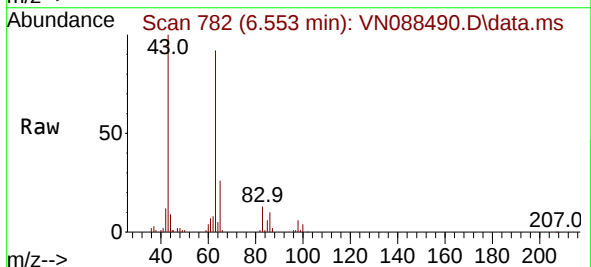
Instrument :
 MSVOA_N
 ClientSampleId :

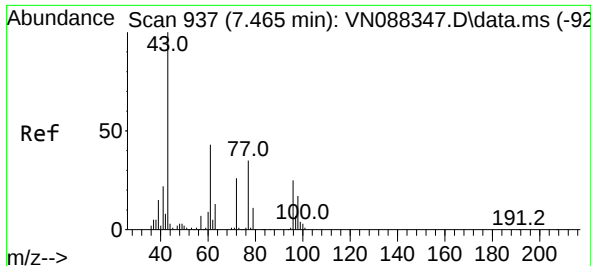
Tgt Ion: 43 Resp: 1147799
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 22.270 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088490.D
 Acq: 10 Dec 2025 11:30

Tgt Ion: 63 Resp: 146086
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 4.0 1.9 5.7

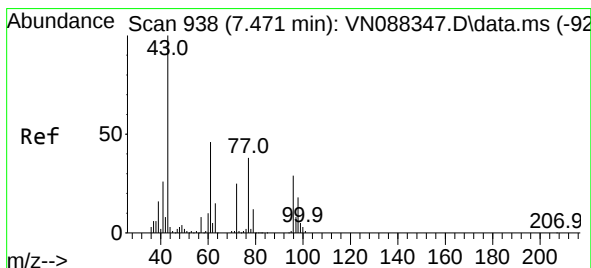
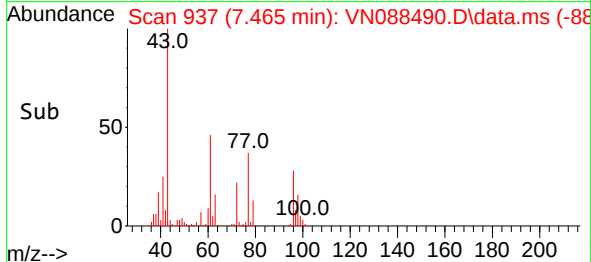
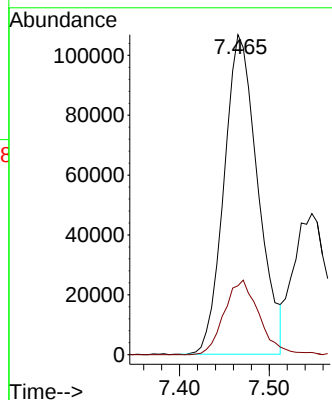
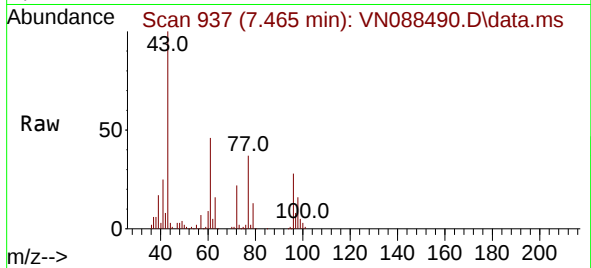




#25
2-Butanone
Concen: 106.329 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

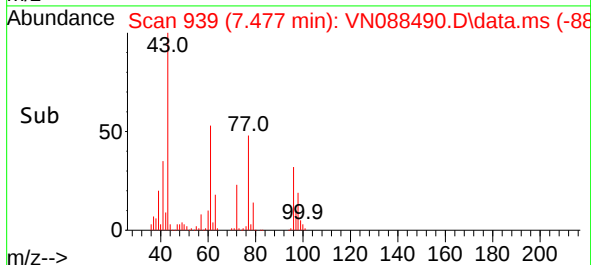
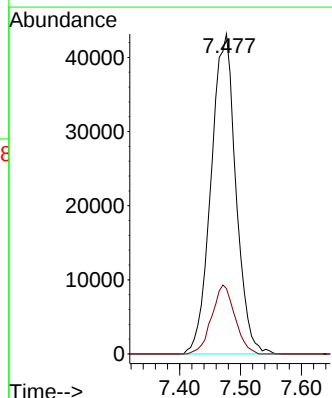
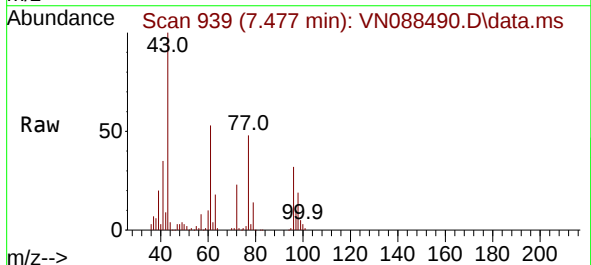
Instrument :
MSVOA_N
ClientSampleId :

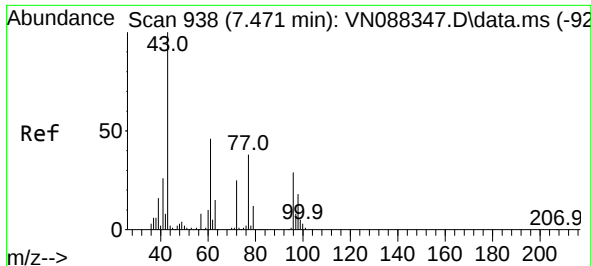
Tgt Ion: 43 Resp: 279418
Ion Ratio Lower Upper
43 100
72 21.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 21.572 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

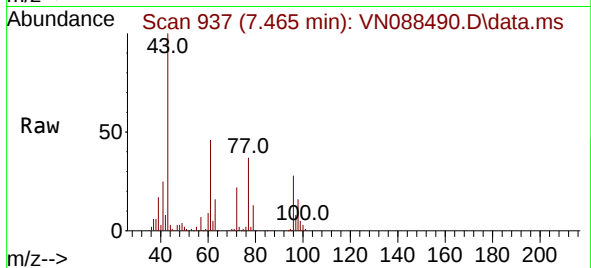
Tgt Ion: 77 Resp: 122144
Ion Ratio Lower Upper
77 100
97 20.1 10.3 30.9



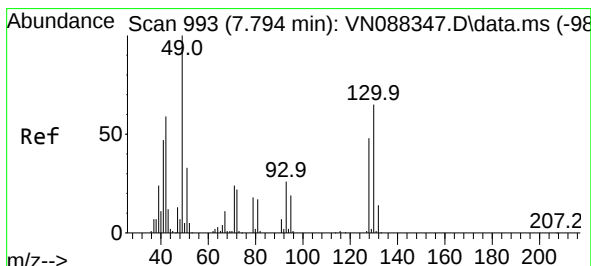
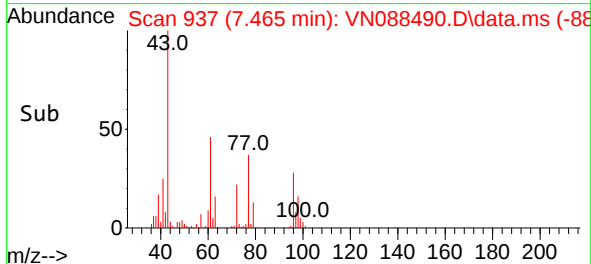
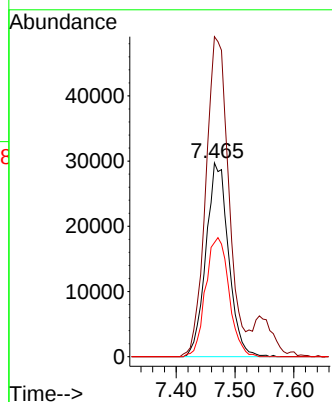


#27
 cis-1,2-Dichloroethene
 Concen: 21.046 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN088490.D
 Acq: 10 Dec 2025 11:30

Instrument :
 MSVOA_N
 ClientSampleId :

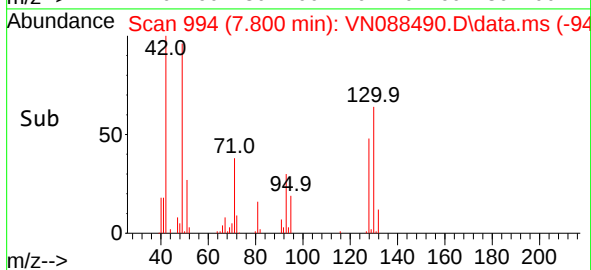
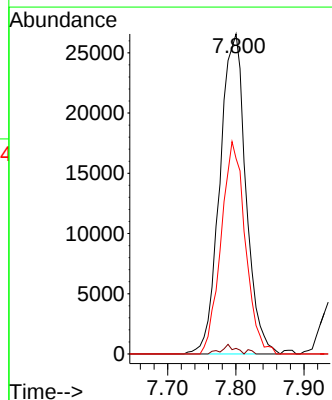
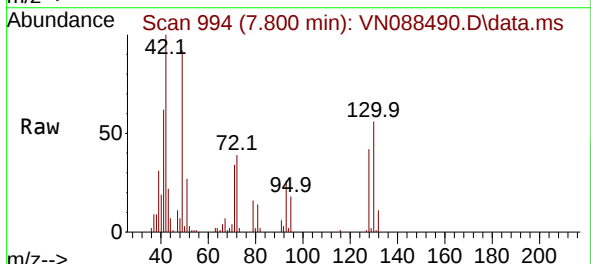


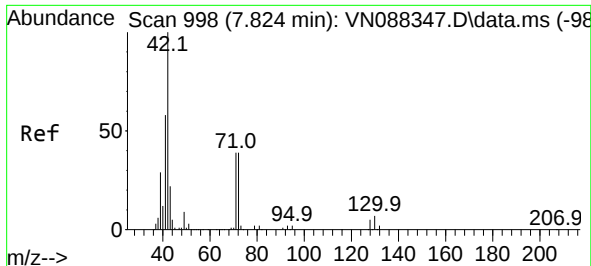
Tgt Ion: 96 Resp: 79313
 Ion Ratio Lower Upper
 96 100
 61 166.3 0.0 323.6
 98 63.7 0.0 127.2



#28
 Bromochloromethane
 Concen: 21.588 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN088490.D
 Acq: 10 Dec 2025 11:30

Tgt Ion: 49 Resp: 70544
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.6
 130 61.9 51.1 76.7





#29

Tetrahydrofuran

Concen: 106.499 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

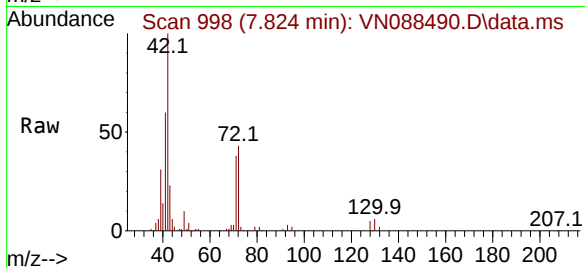
Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :



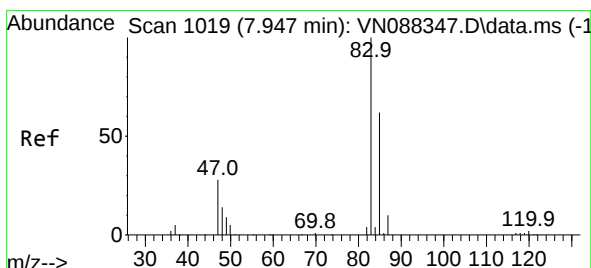
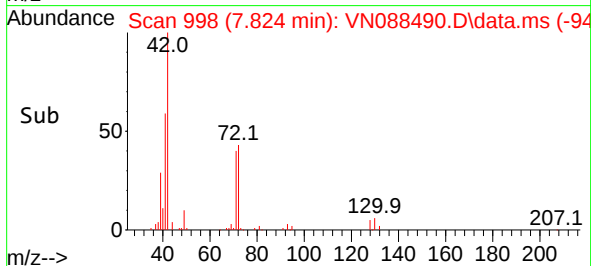
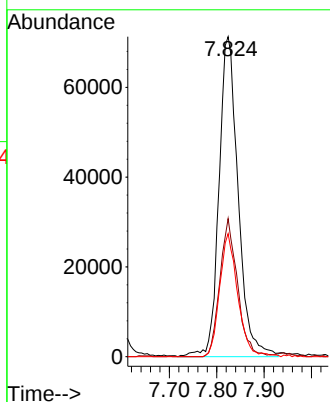
Tgt Ion: 42 Resp: 200738

Ion Ratio Lower Upper

42 100

72 39.7 32.2 48.4

71 36.3 31.1 46.7



#30

Chloroform

Concen: 22.835 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN088490.D

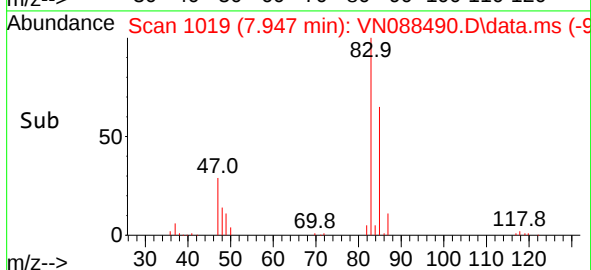
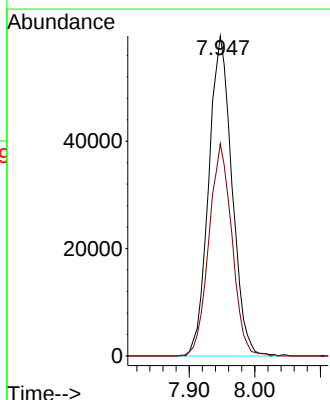
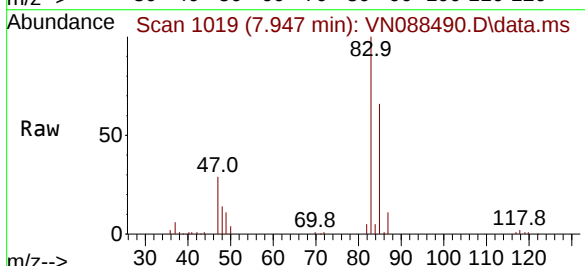
Acq: 10 Dec 2025 11:30

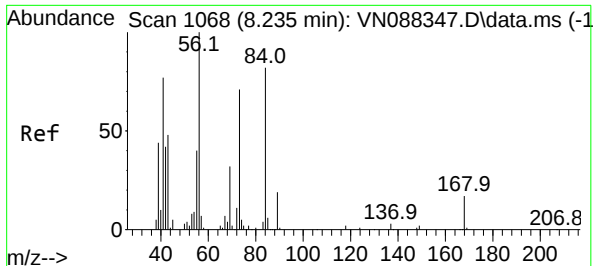
Tgt Ion: 83 Resp: 147188

Ion Ratio Lower Upper

83 100

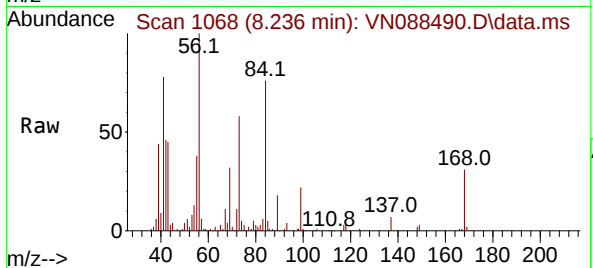
85 66.3 49.8 74.8



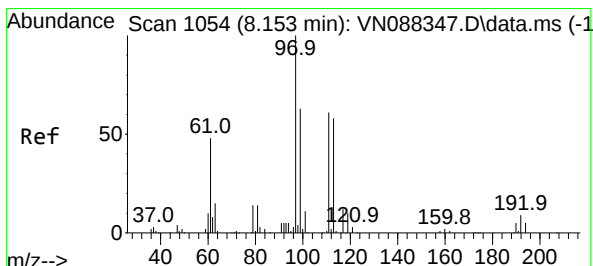
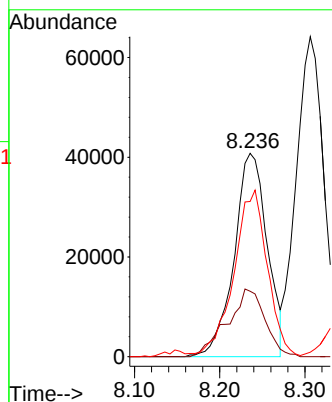
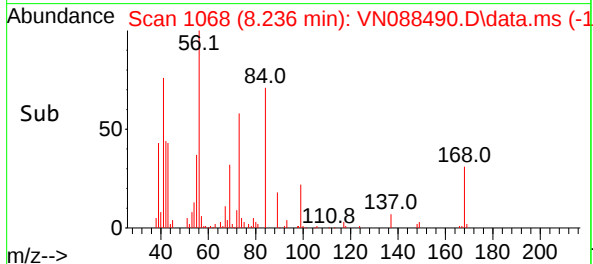


#31
Cyclohexane
Concen: 18.506 ug/l
RT: 8.236 min Scan# 110006
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

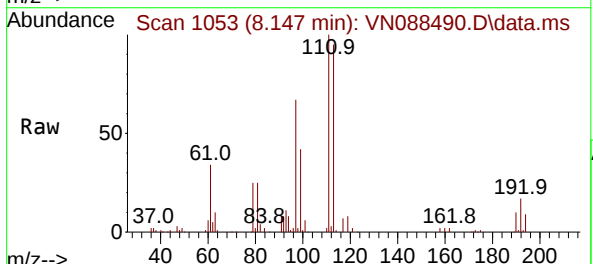
Instrument :
MSVOA_N
ClientSampleId :



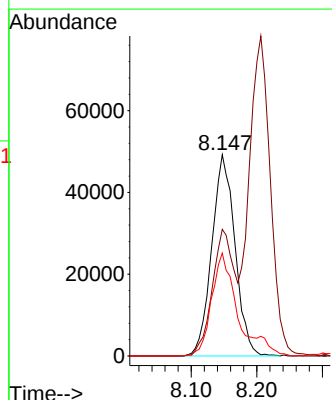
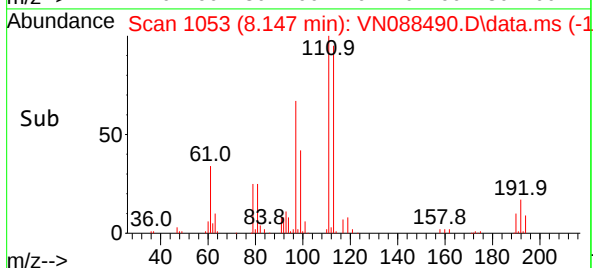
Tgt Ion: 56 Resp: 110006
Ion Ratio Lower Upper
56 100
69 32.2 25.3 37.9
84 73.6 65.4 98.2

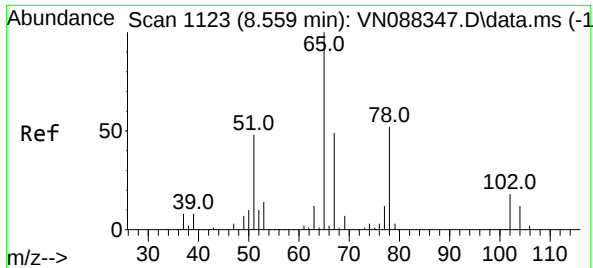


#32
1,1,1-Trichloroethane
Concen: 21.340 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30



Tgt Ion: 97 Resp: 120942
Ion Ratio Lower Upper
97 100
99 59.4 50.8 76.2
61 57.6 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 58.619 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

Instrument :

MSVOA_N

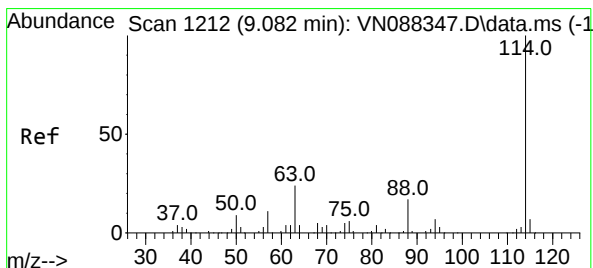
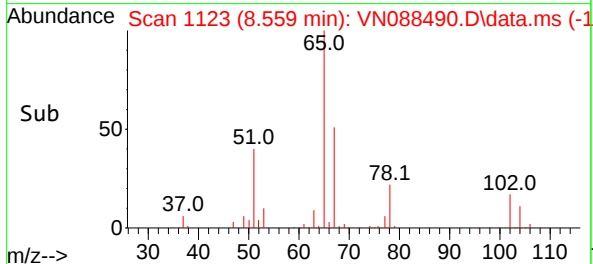
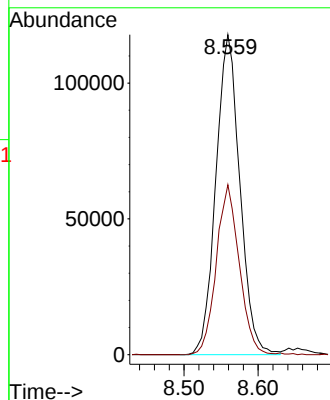
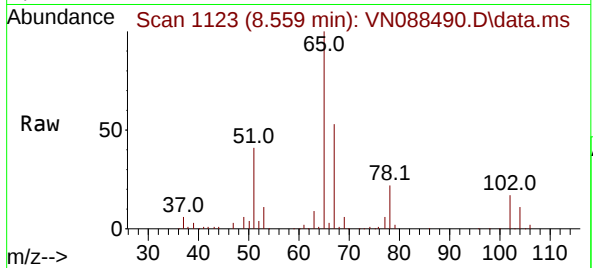
ClientSampleId :

Tgt Ion: 65 Resp: 264951

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

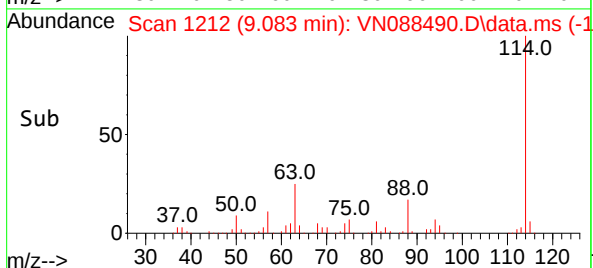
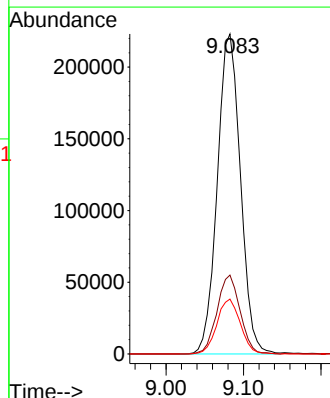
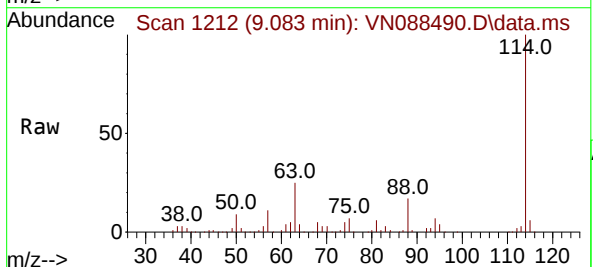
Tgt Ion: 114 Resp: 463963

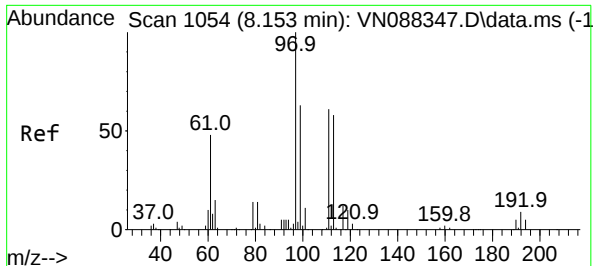
Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.0

88 17.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 53.327 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

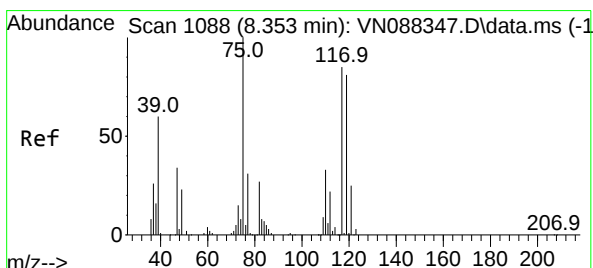
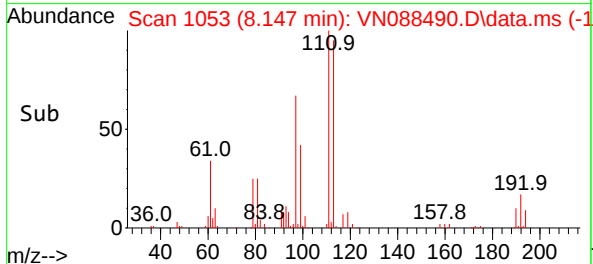
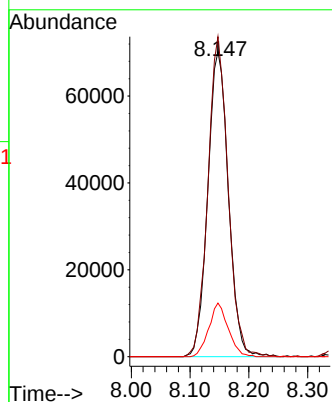
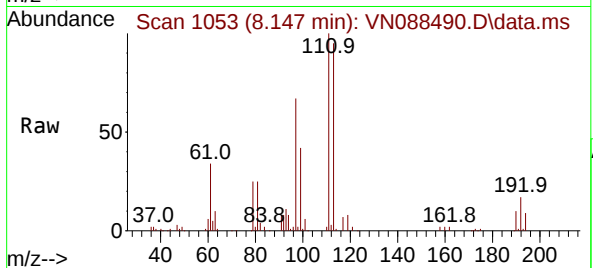
Tgt Ion:113 Resp: 171458

Ion Ratio Lower Upper

113 100

111 102.4 82.5 123.7

192 16.5 12.8 19.2



#36

1,1-Dichloropropene

Concen: 18.067 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

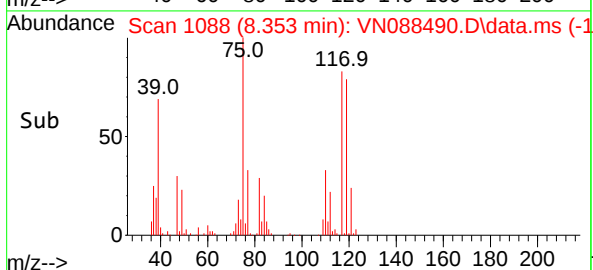
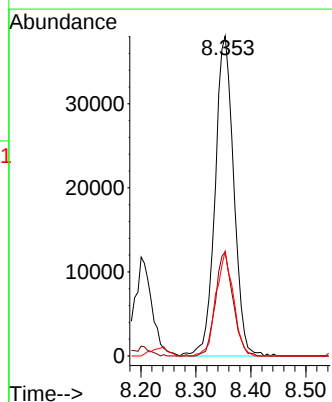
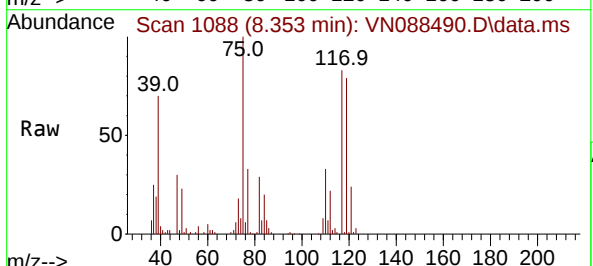
Tgt Ion: 75 Resp: 89653

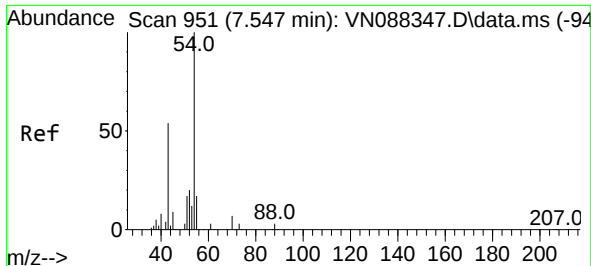
Ion Ratio Lower Upper

75 100

110 30.7 15.8 47.4

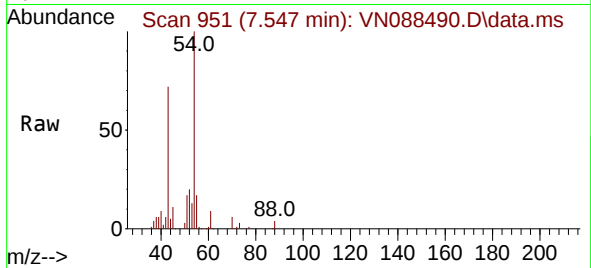
77 30.7 24.2 36.2



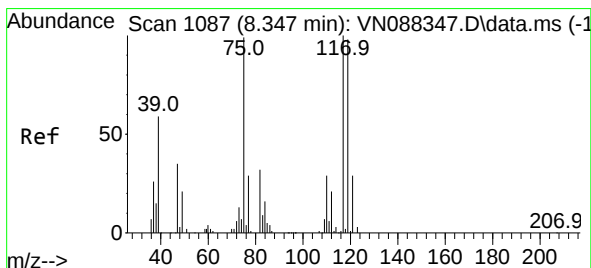
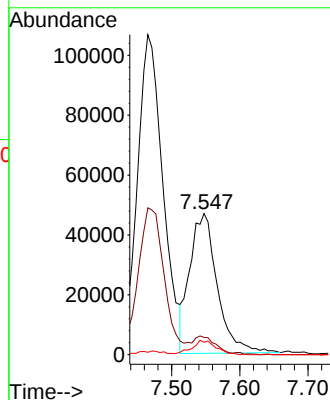
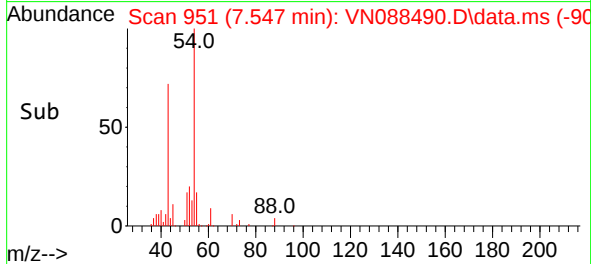


#37
Ethyl Acetate
Concen: 20.092 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :

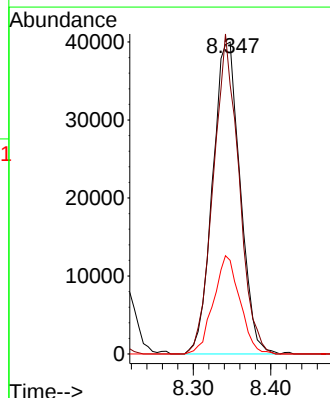
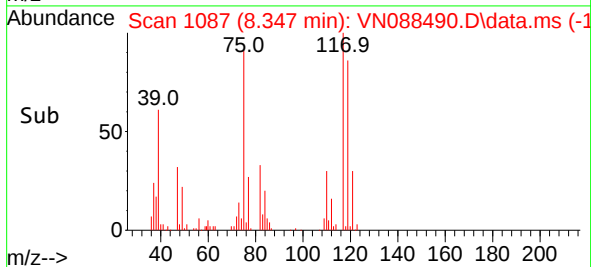
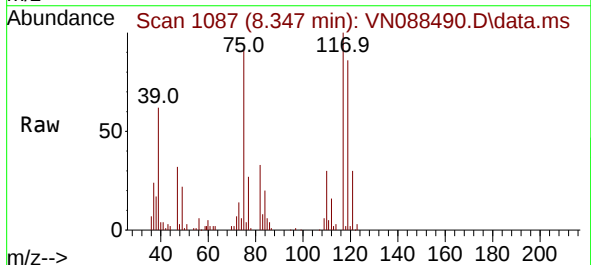


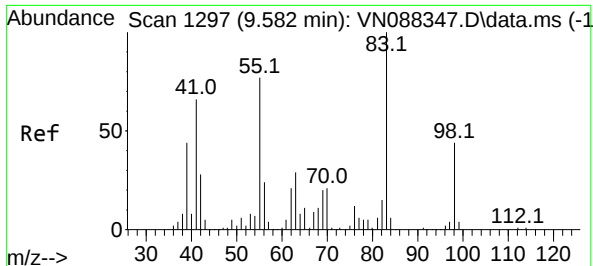
Tgt Ion: 43 Resp: 131091
Ion Ratio Lower Upper
43 100
61 10.3 9.5 14.3
70 8.8 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.984 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 117 Resp: 98717
Ion Ratio Lower Upper
117 100
119 86.4 78.2 117.4
121 30.0 23.4 35.2





#39

Methylcyclohexane

Concen: 15.741 ug/l

RT: 9.577 min Scan# 11296

Delta R.T. -0.006 min

Lab File: VN088490.D

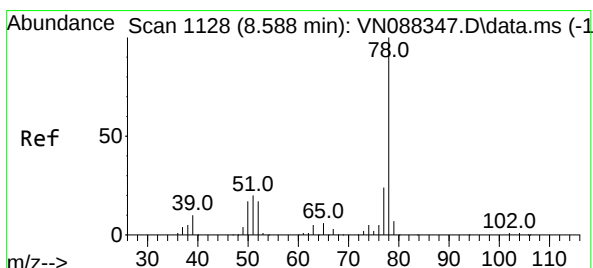
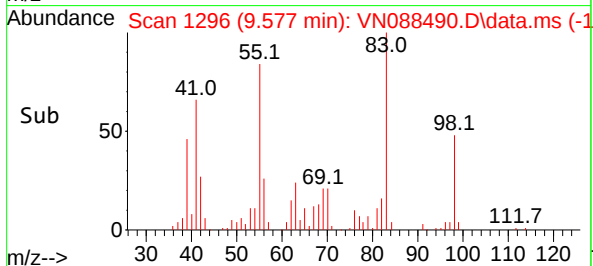
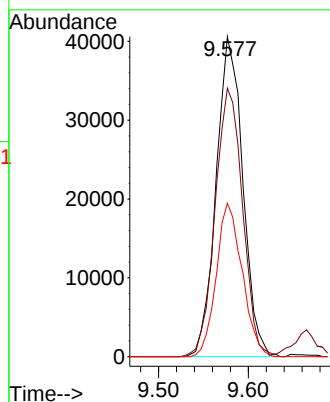
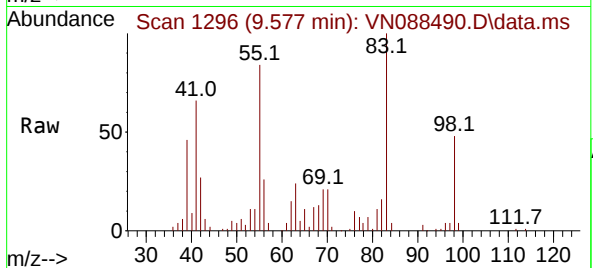
Acq: 10 Dec 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 83548
Ion Ratio	Lower Upper
83	100
55	83.9 61.6 92.4
98	48.0 35.3 52.9



#40

Benzene

Concen: 20.136 ug/l

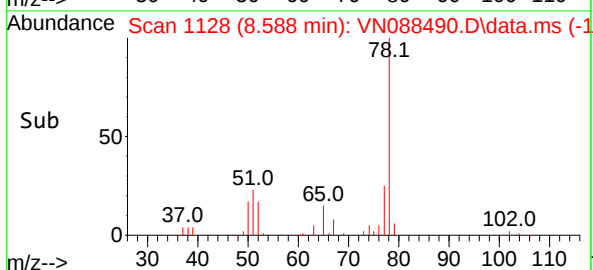
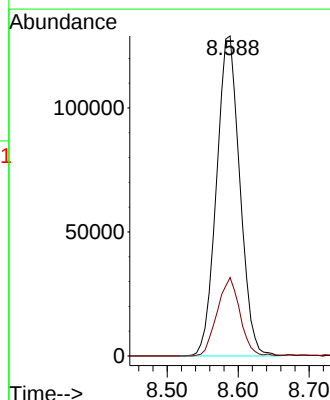
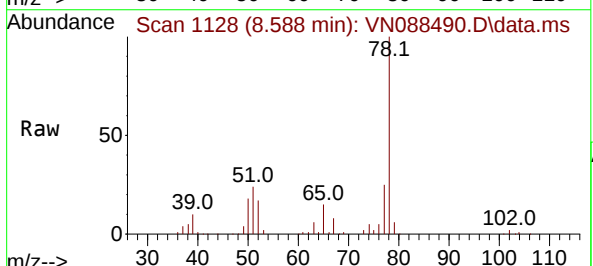
RT: 8.588 min Scan# 1128

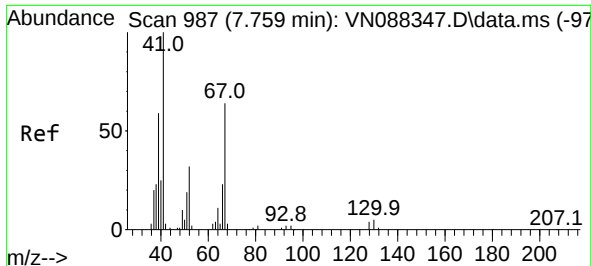
Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

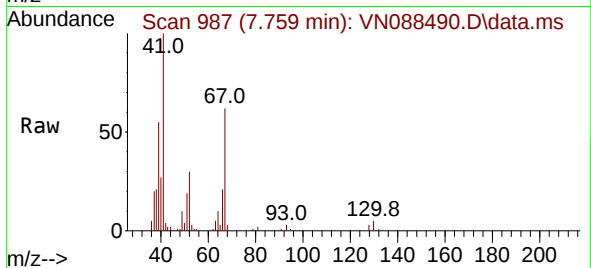
Tgt Ion: 78	Resp: 293260
Ion Ratio	Lower Upper
78	100
77	24.5 19.0 28.4



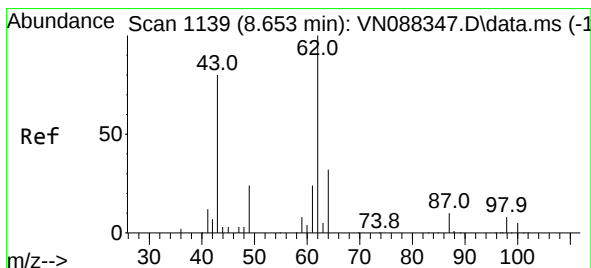
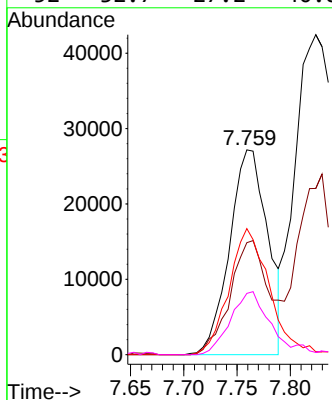
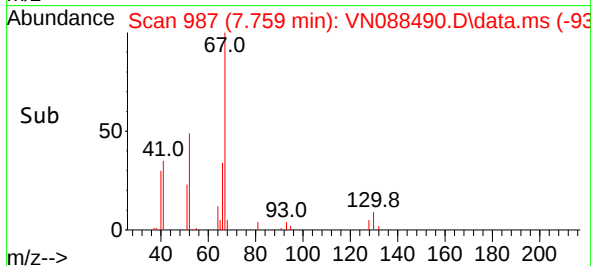


#41
Methacrylonitrile
Concen: 20.957 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :

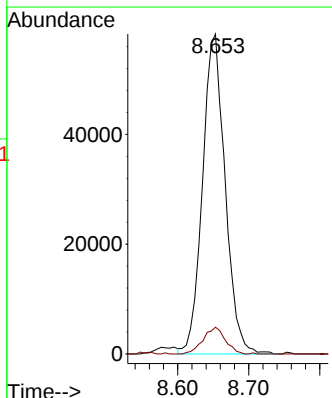
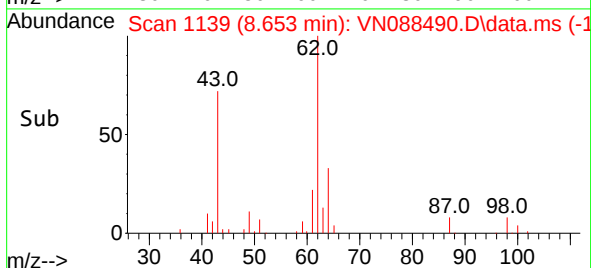
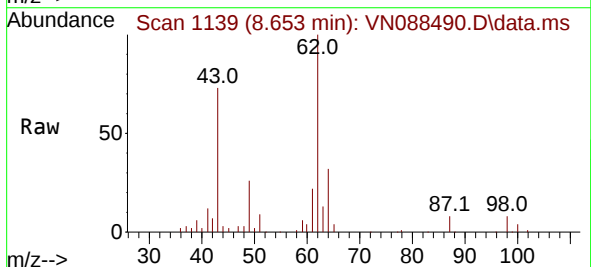


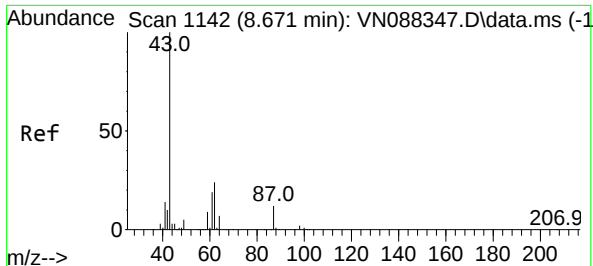
Tgt Ion: 41 Resp: 67725
Ion Ratio Lower Upper
41 100
39 59.2 46.3 69.5
67 65.4 54.7 82.1
52 32.7 27.2 40.8



#42
1,2-Dichloroethane
Concen: 23.256 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

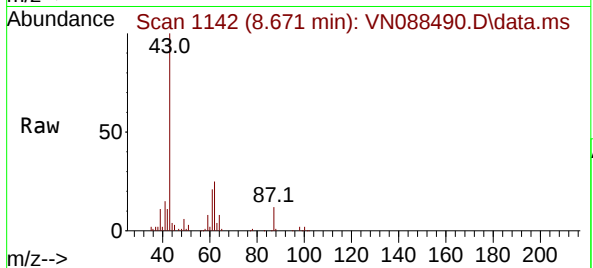
Tgt Ion: 62 Resp: 129220
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.2



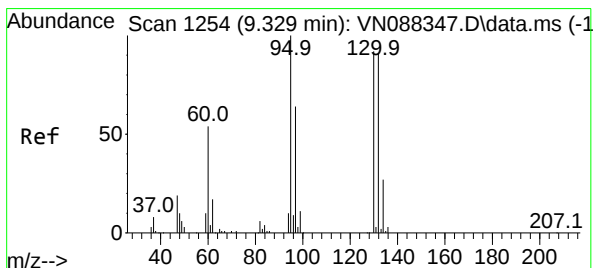
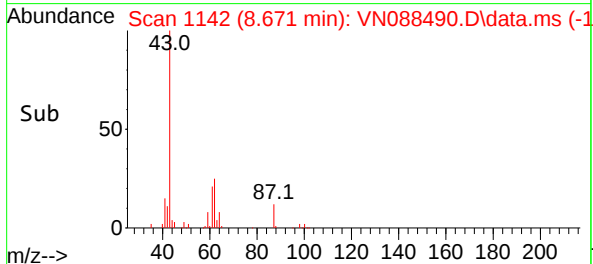
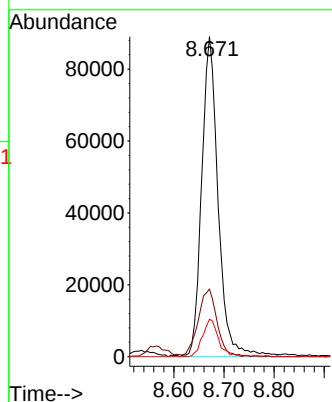


#43
Isopropyl Acetate
Concen: 20.396 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :

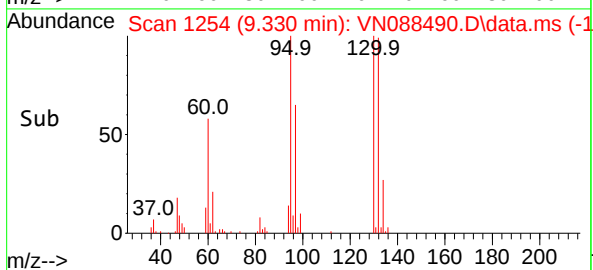
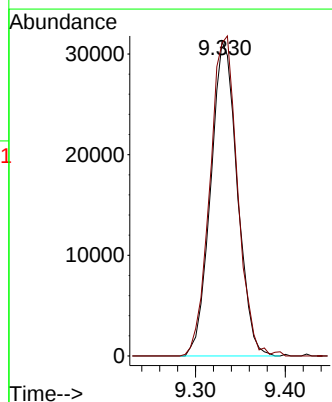
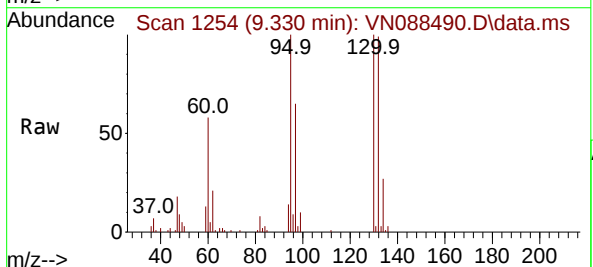


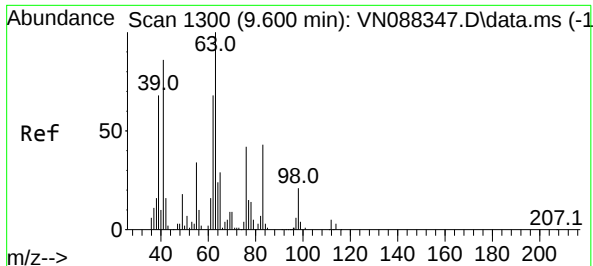
Tgt Ion: 43 Resp: 203323
Ion Ratio Lower Upper
43 100
61 24.2 18.7 28.1
87 11.1 9.1 13.7



#44
Trichloroethene
Concen: 18.676 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion:130 Resp: 64267
Ion Ratio Lower Upper
130 100
95 99.5 0.0 217.0





#45

1,2-Dichloropropane

Concen: 21.278 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

Instrument :

MSVOA_N

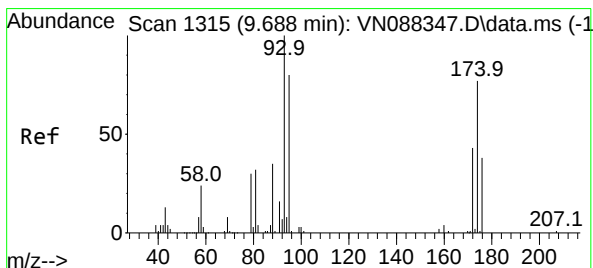
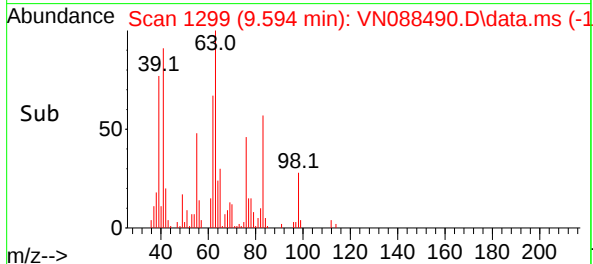
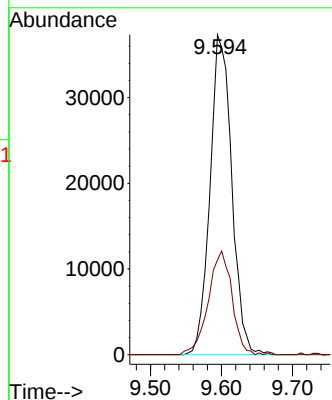
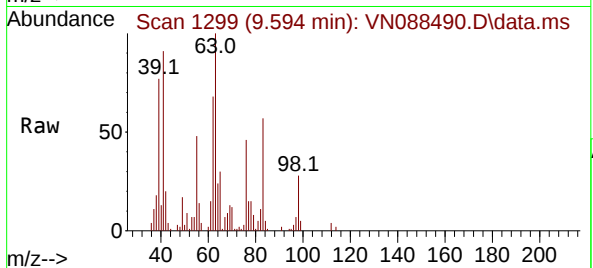
ClientSampleId :

Tgt Ion: 63 Resp: 79397

Ion Ratio Lower Upper

63 100

65 29.6 23.0 34.4



#46

Dibromomethane

Concen: 22.200 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

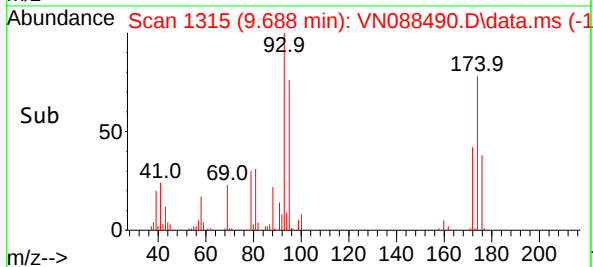
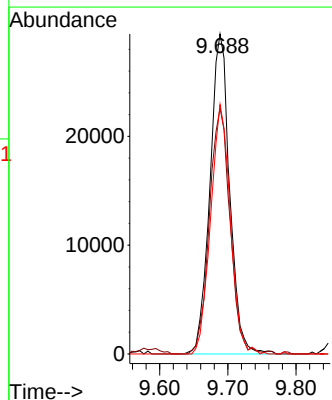
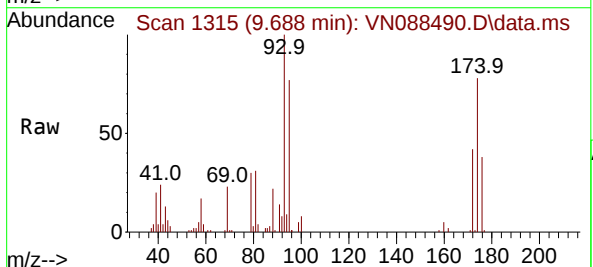
Tgt Ion: 93 Resp: 59119

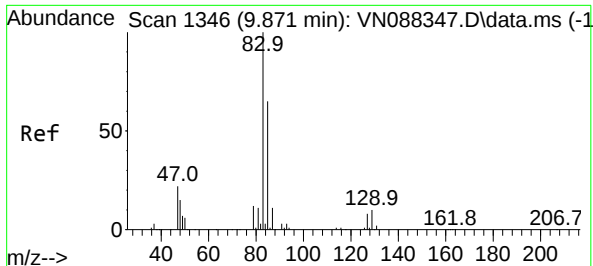
Ion Ratio Lower Upper

93 100

95 80.2 65.8 98.6

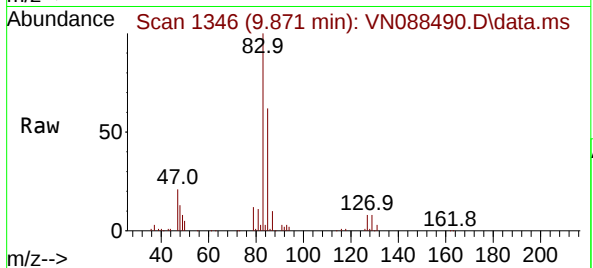
174 77.9 64.3 96.5



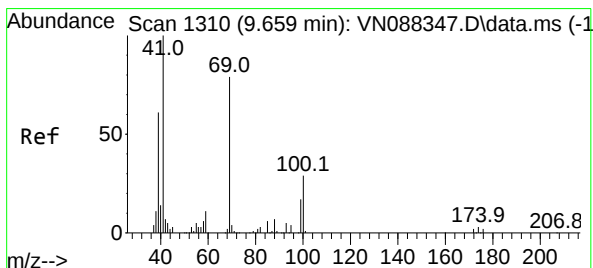
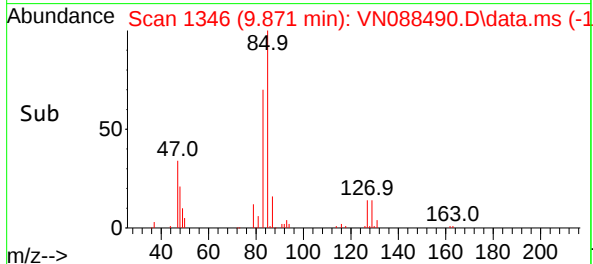
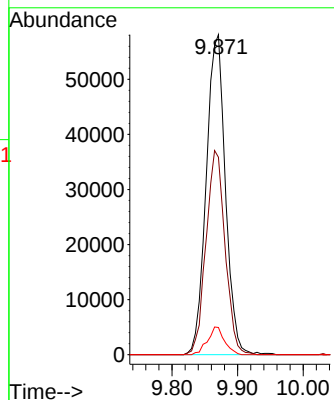


#47
Bromodichloromethane
Concen: 21.795 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :

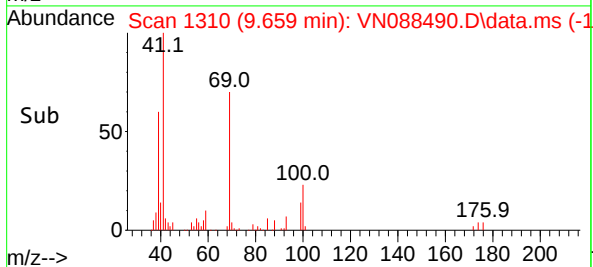
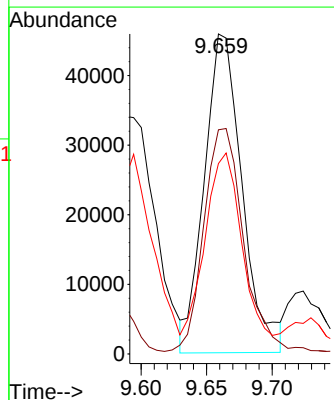
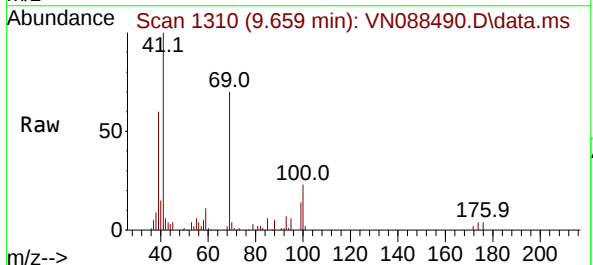


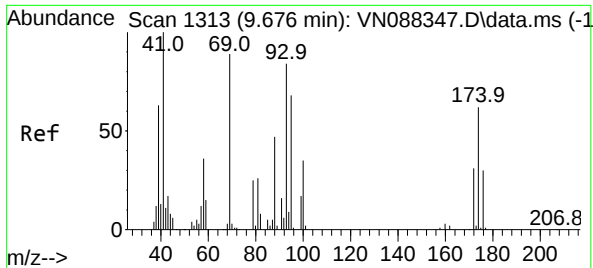
Tgt Ion: 83 Resp: 118421
Ion Ratio Lower Upper
83 100
85 61.7 51.9 77.9
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 20.205 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 41 Resp: 91902
Ion Ratio Lower Upper
41 100
69 75.0 62.4 93.6
39 64.7 52.6 79.0





#49

1,4-Dioxane

Concen: 333.550 ug/l

RT: 9.677 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

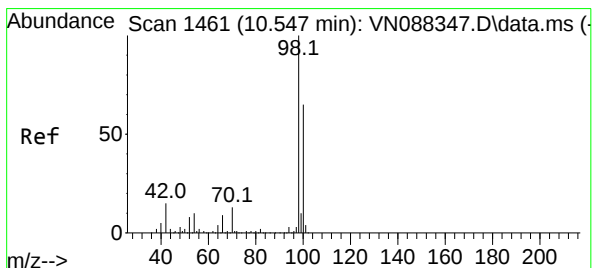
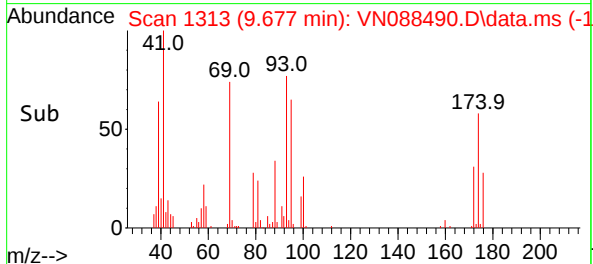
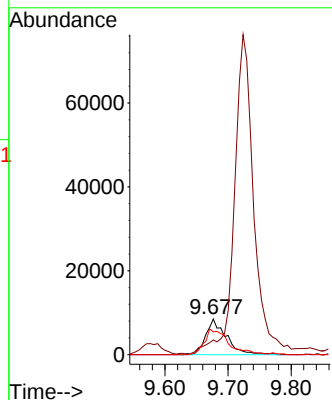
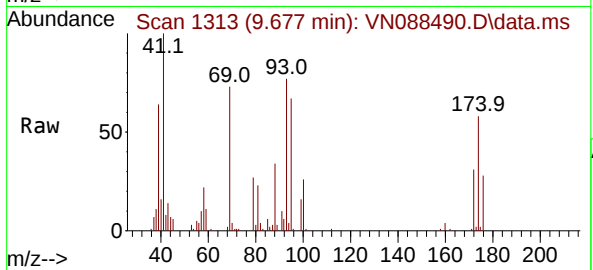
Tgt Ion: 88 Resp: 19294

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 82.9 62.0 93.0



#50

Toluene-d8

Concen: 51.495 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088490.D

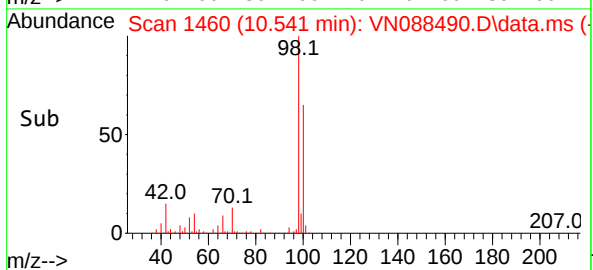
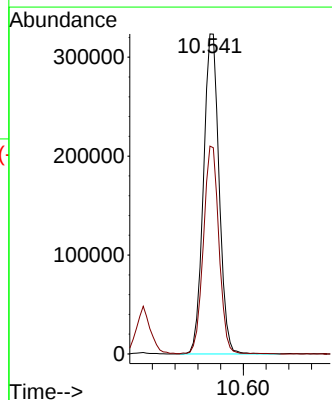
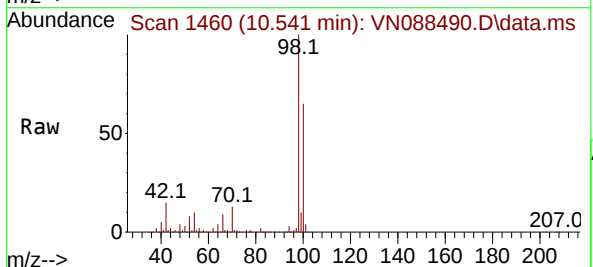
Acq: 10 Dec 2025 11:30

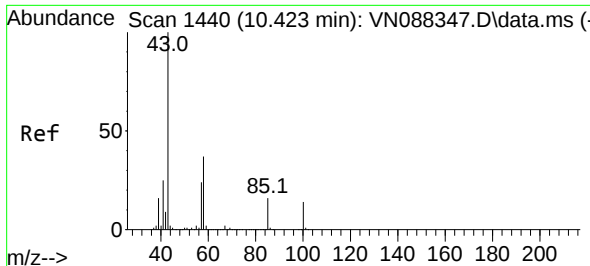
Tgt Ion: 98 Resp: 616050

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.2

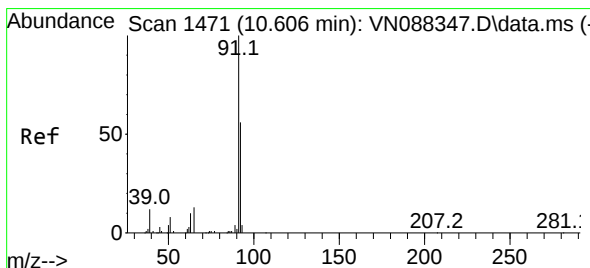
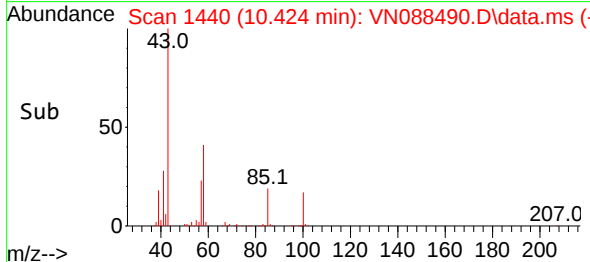
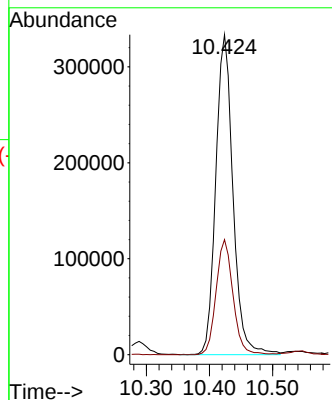
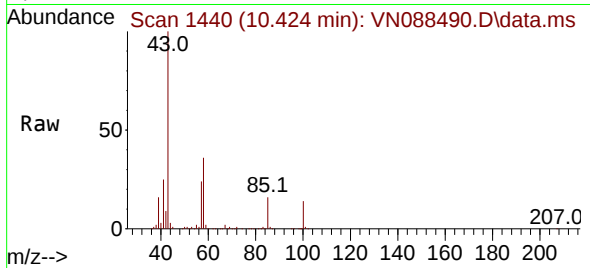




#51
4-Methyl-2-Pentanone
Concen: 107.495 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

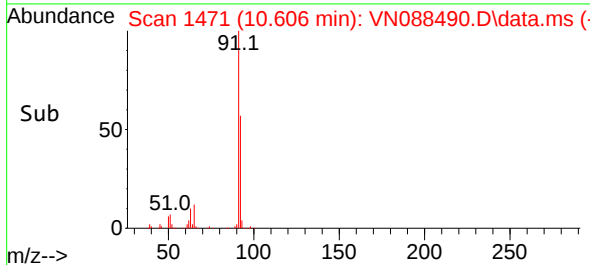
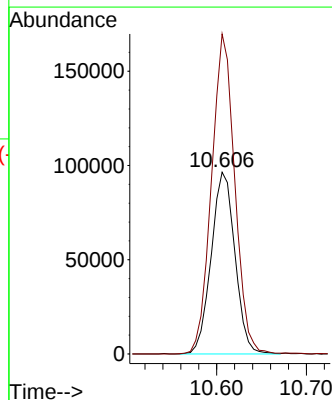
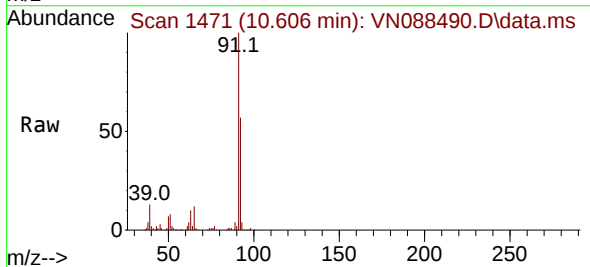
Instrument :
MSVOA_N
ClientSampleId :

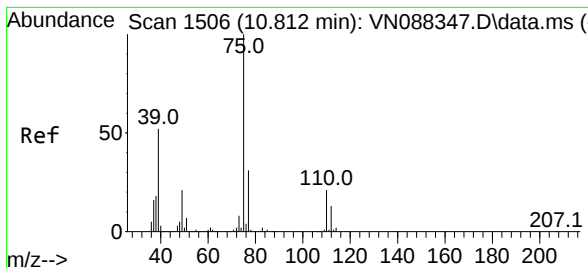
Tgt Ion: 43 Resp: 631633
Ion Ratio Lower Upper
43 100
58 35.3 29.1 43.7



#52
Toluene
Concen: 21.098 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 92 Resp: 177428
Ion Ratio Lower Upper
92 100
91 172.5 140.2 210.2

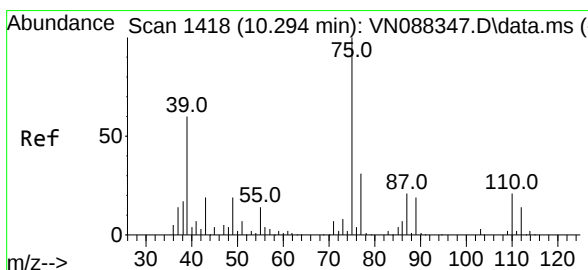
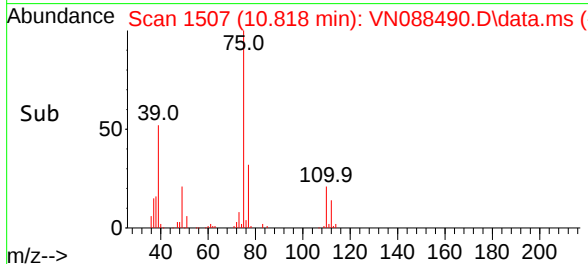
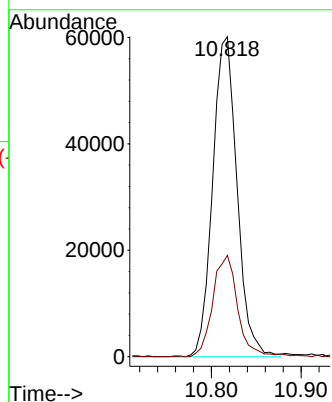
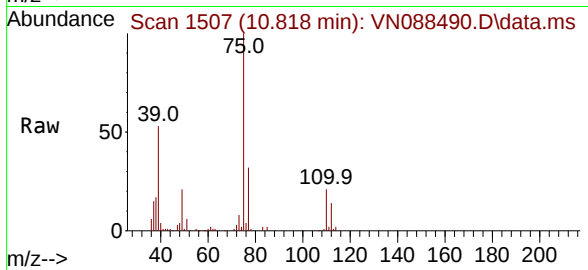




#53
t-1,3-Dichloropropene
Concen: 20.311 ug/l
RT: 10.818 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

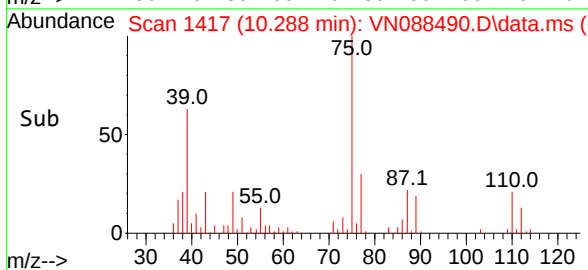
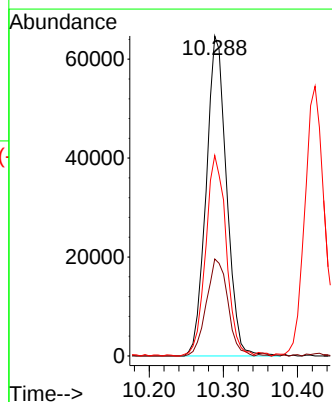
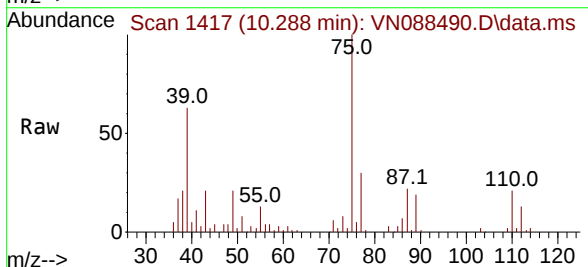
Instrument :
MSVOA_N
ClientSampleId :

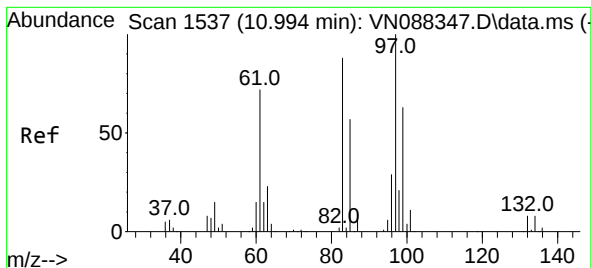
Tgt Ion: 75 Resp: 113278
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 21.110 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 75 Resp: 123813
Ion Ratio Lower Upper
75 100
77 30.3 24.5 36.7
39 62.7 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 21.220 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 69043

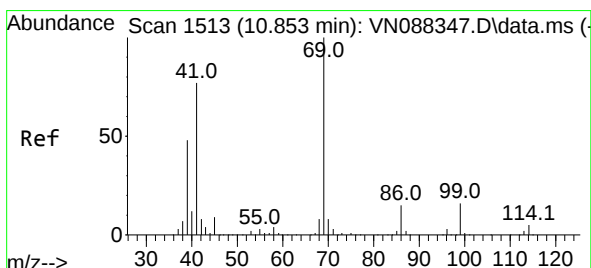
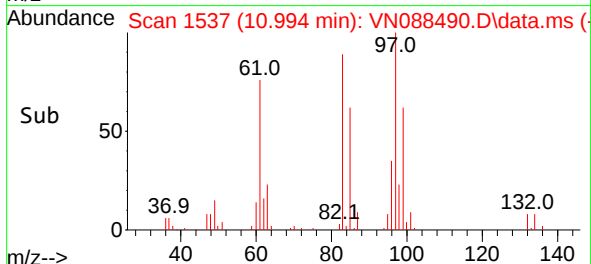
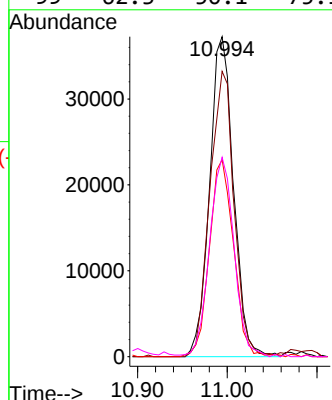
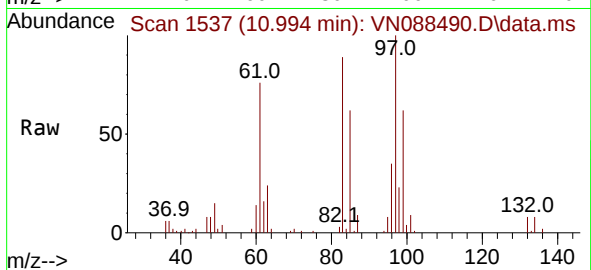
Ion Ratio Lower Upper

97 100

83 89.1 70.4 105.6

85 61.6 45.4 68.2

99 62.3 50.1 75.1



#56

Ethyl methacrylate

Concen: 20.289 ug/l

RT: 10.853 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

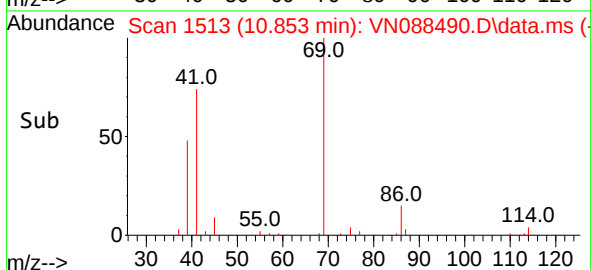
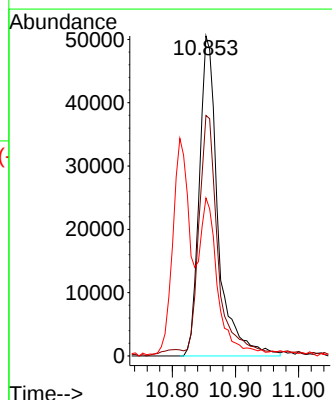
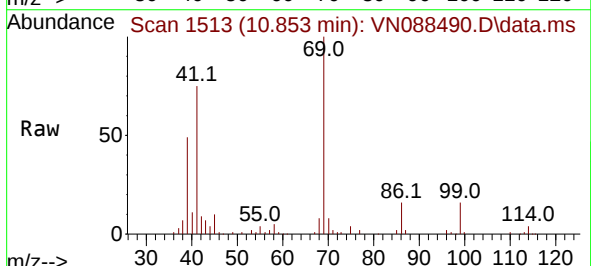
Tgt Ion: 69 Resp: 104275

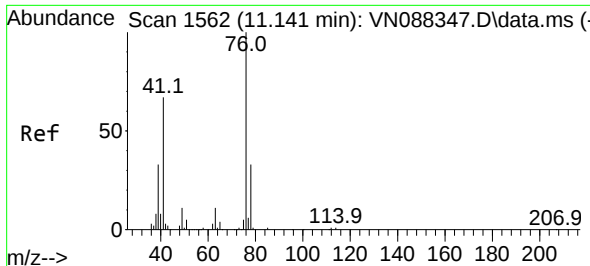
Ion Ratio Lower Upper

69 100

41 73.7 59.6 89.4

39 44.9 36.4 54.6





#57

1,3-Dichloropropane

Concen: 21.690 ug/l

RT: 11.141 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

Instrument :

MSVOA_N

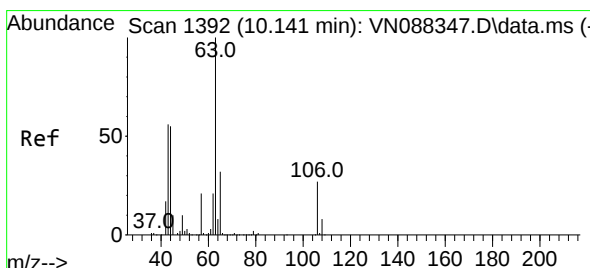
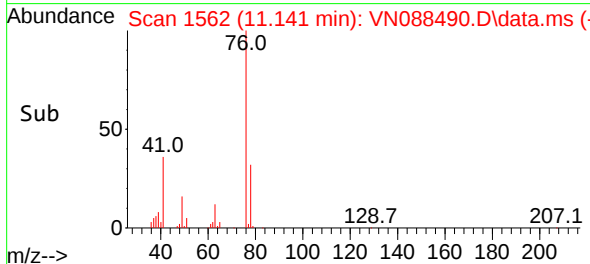
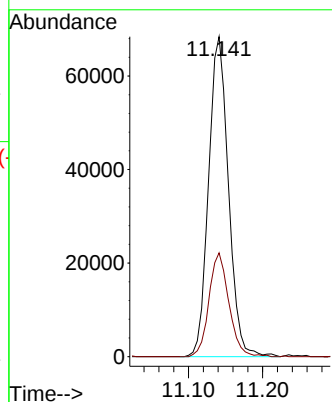
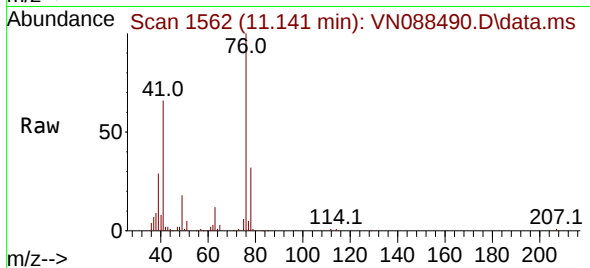
ClientSampleId :

Tgt Ion: 76 Resp: 127313

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 91.607 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN088490.D

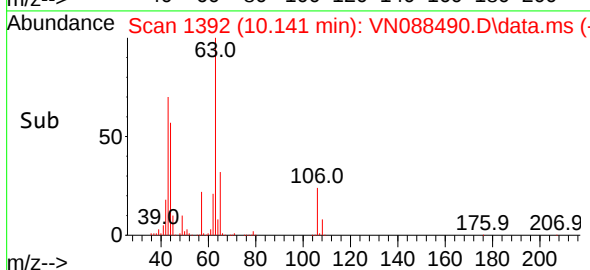
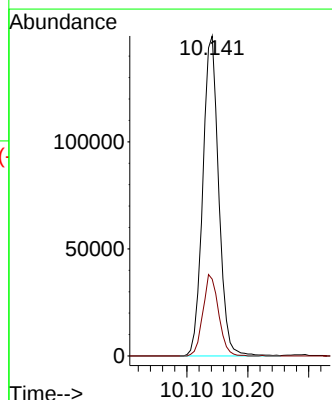
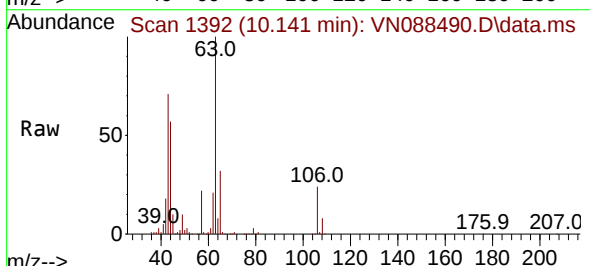
Acq: 10 Dec 2025 11:30

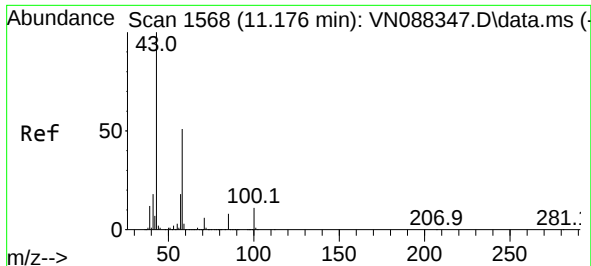
Tgt Ion: 63 Resp: 271429

Ion Ratio Lower Upper

63 100

106 25.0 20.5 30.7

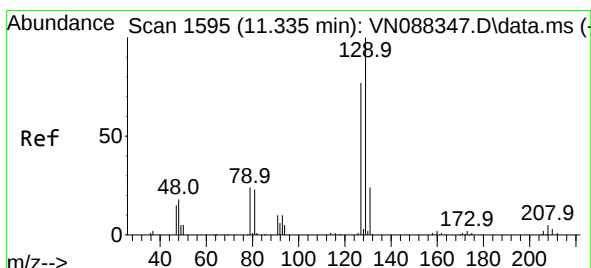
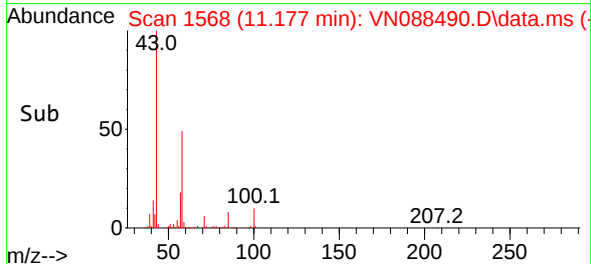
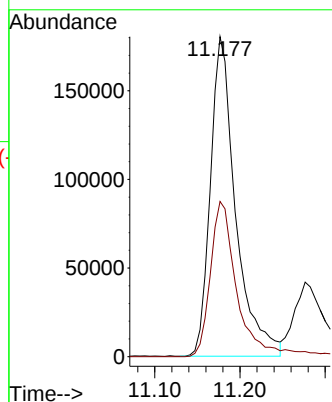
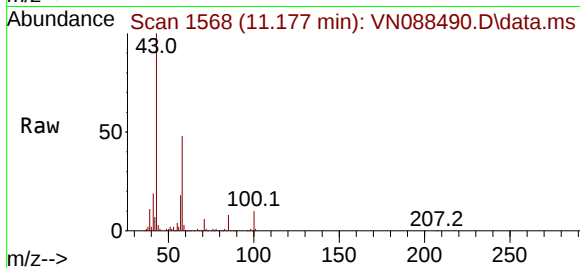




#59
2-Hexanone
Concen: 100.210 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

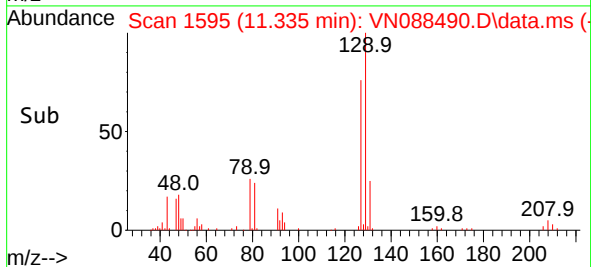
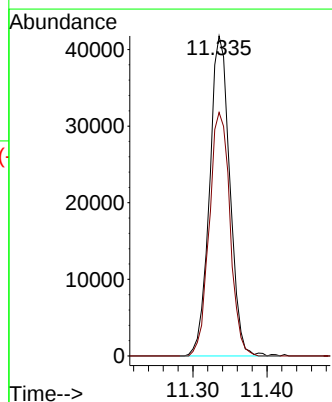
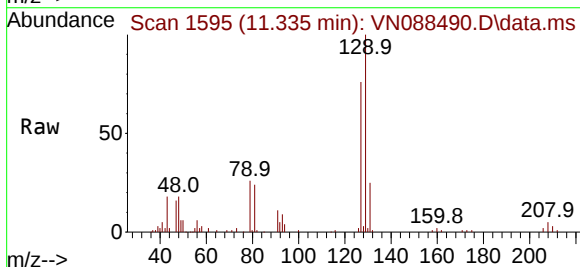
Instrument :
MSVOA_N
ClientSampleId :

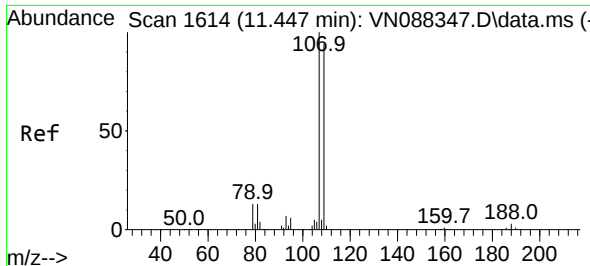
Tgt Ion: 43 Resp: 370935
Ion Ratio Lower Upper
43 100
58 52.6 25.3 75.9



#60
Dibromochloromethane
Concen: 21.369 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion:129 Resp: 79260
Ion Ratio Lower Upper
129 100
127 77.7 38.2 114.6

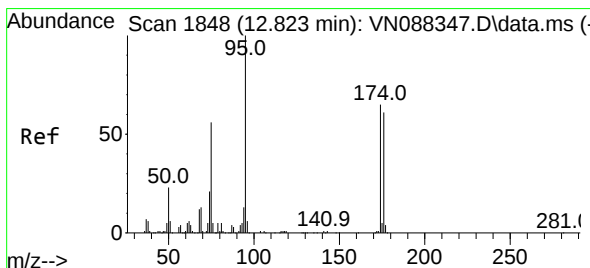
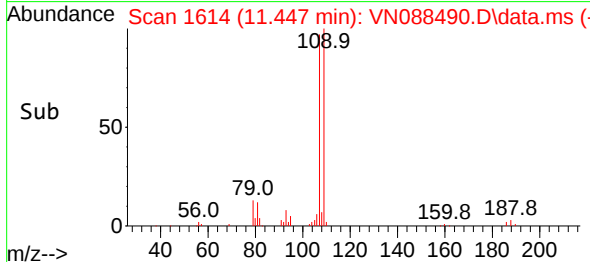
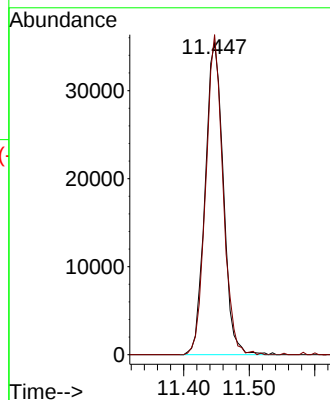
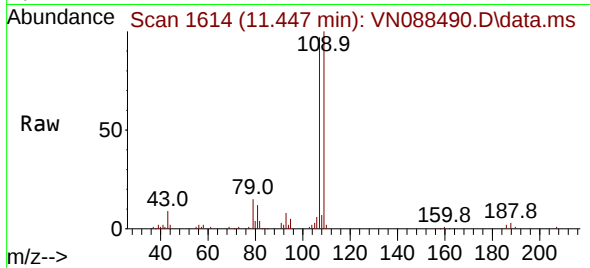




#61
1,2-Dibromoethane
Concen: 20.718 ug/l
RT: 11.447 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

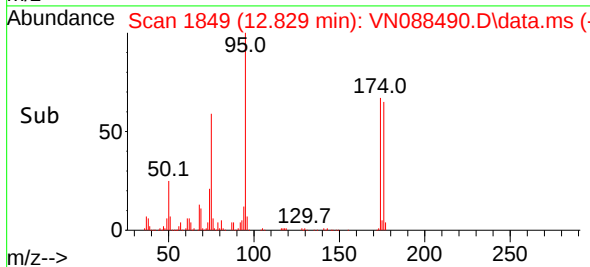
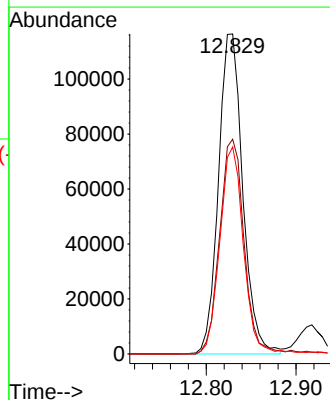
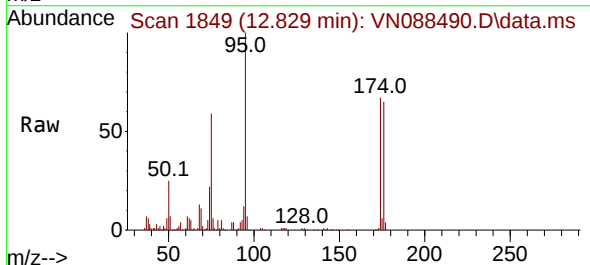
Instrument :
MSVOA_N
ClientSampleId :

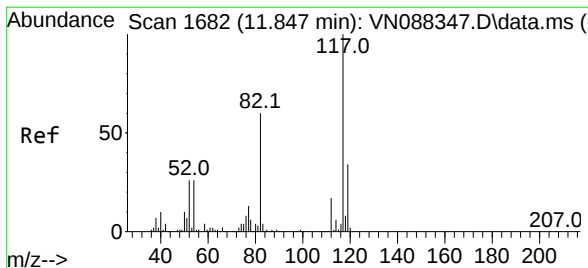
Tgt Ion:107 Resp: 68262
Ion Ratio Lower Upper
107 100
109 97.4 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 53.312 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 95 Resp: 218833
Ion Ratio Lower Upper
95 100
174 67.2 0.0 139.0
176 63.0 0.0 132.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

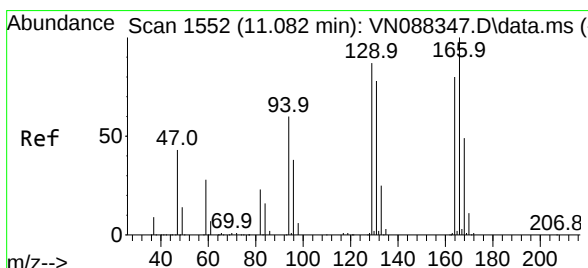
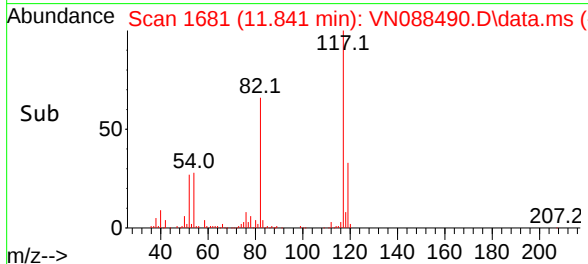
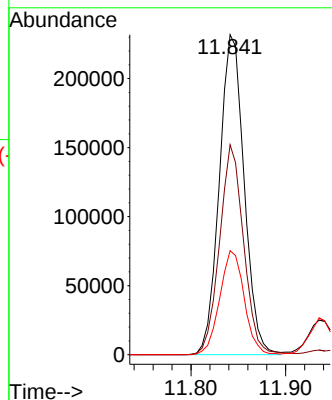
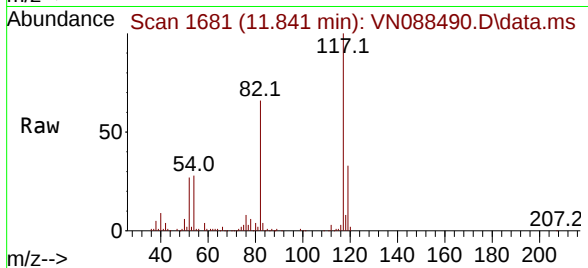
Tgt Ion:117 Resp: 421763

Ion Ratio Lower Upper

117 100

82 65.6 47.8 71.8

119 32.5 26.9 40.3



#64

Tetrachloroethene

Concen: 16.207 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

Tgt Ion:164 Resp: 54191

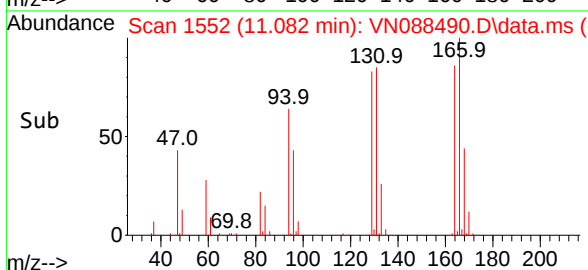
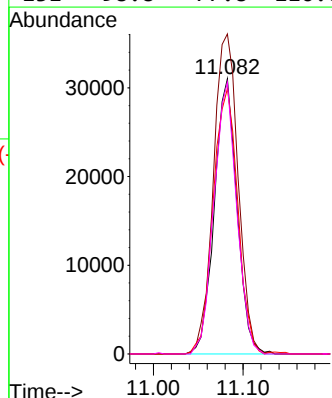
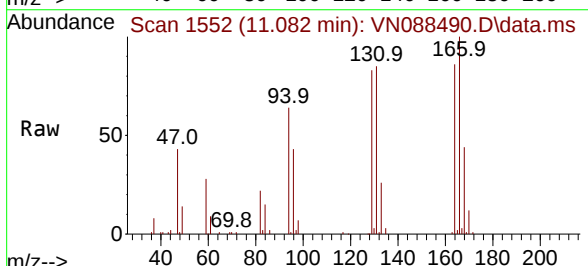
Ion Ratio Lower Upper

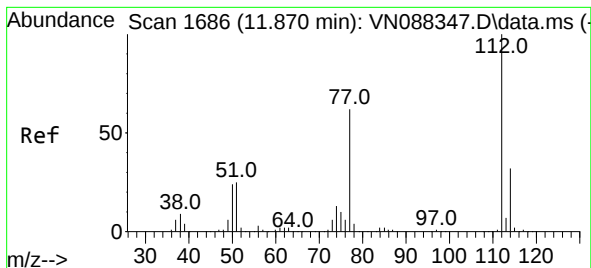
164 100

166 116.3 99.6 149.4

129 96.4 86.6 129.8

131 98.8 77.8 116.6

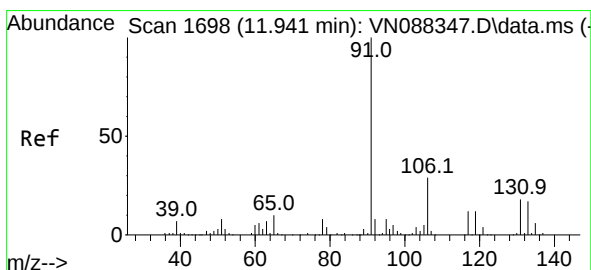
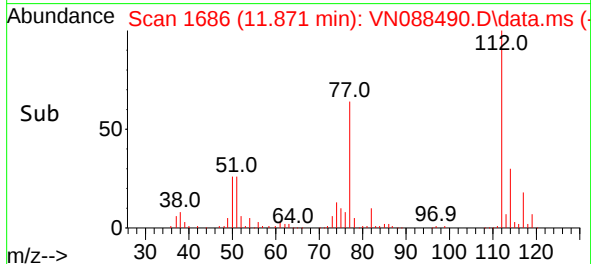
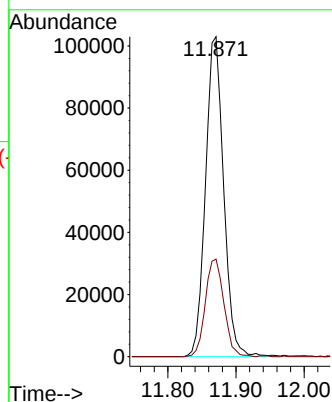
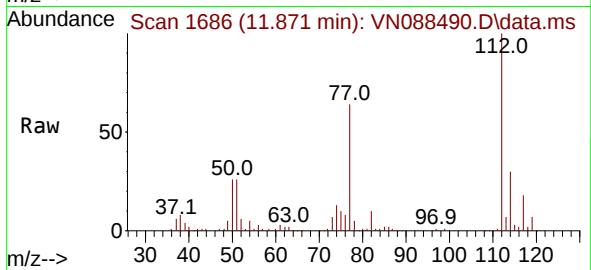




#65
Chlorobenzene
Concen: 20.150 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

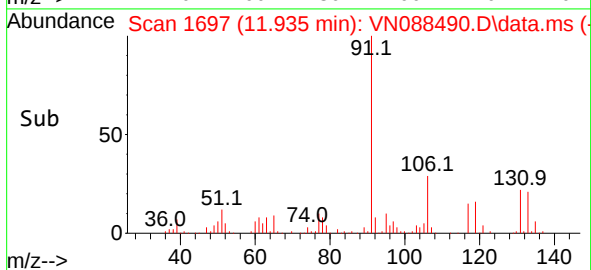
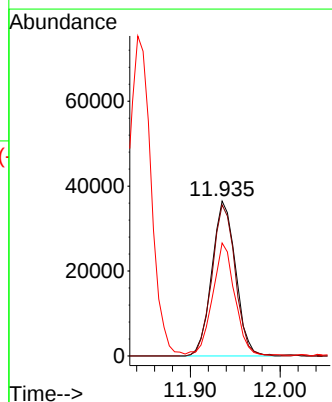
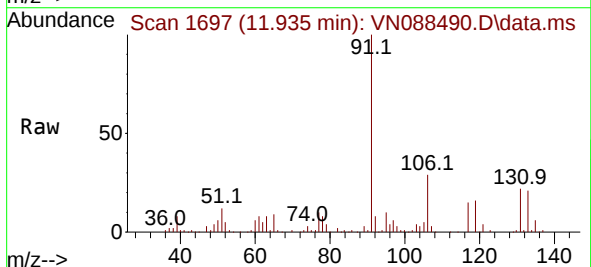
Instrument :
MSVOA_N
ClientSampleId :

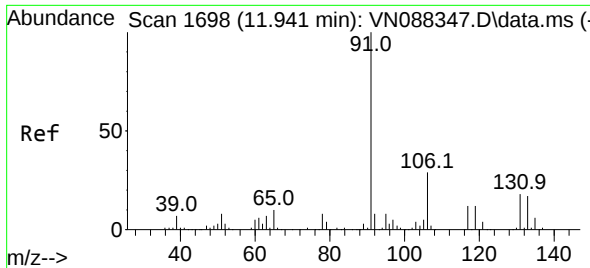
Tgt Ion:112 Resp: 190890
Ion Ratio Lower Upper
112 100
114 30.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.061 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion:131 Resp: 67294
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.2
119 67.4 33.4 100.1

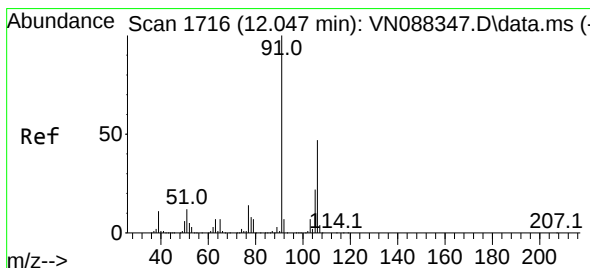
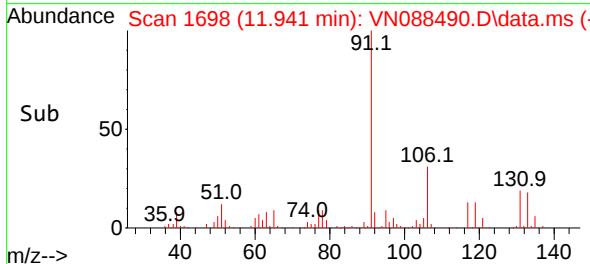
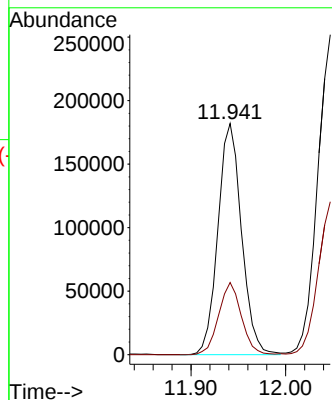
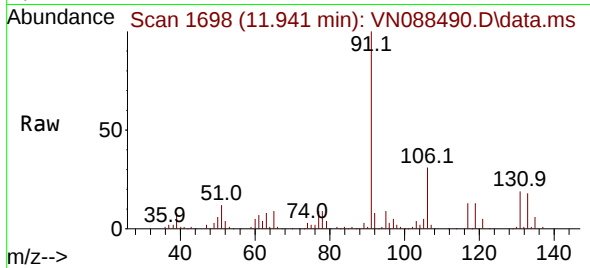




#67
Ethyl Benzene
Concen: 19.075 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

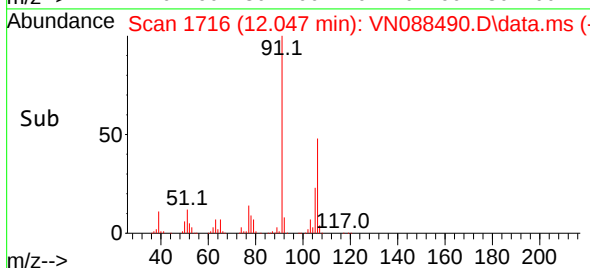
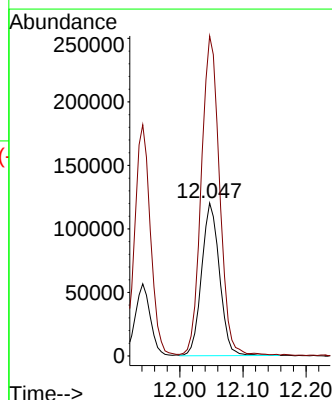
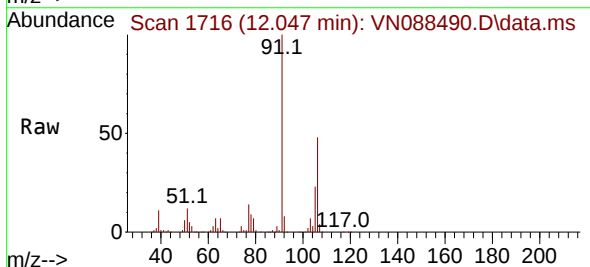
Instrument :
MSVOA_N
ClientSampleId :

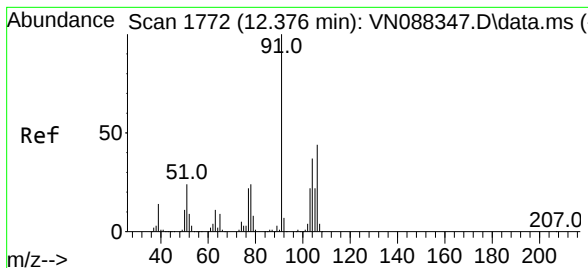
Tgt Ion: 91 Resp: 315850
Ion Ratio Lower Upper
91 100
106 31.2 23.6 35.4



#68
m/p-Xylenes
Concen: 38.527 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion:106 Resp: 236525
Ion Ratio Lower Upper
106 100
91 212.9 167.8 251.6

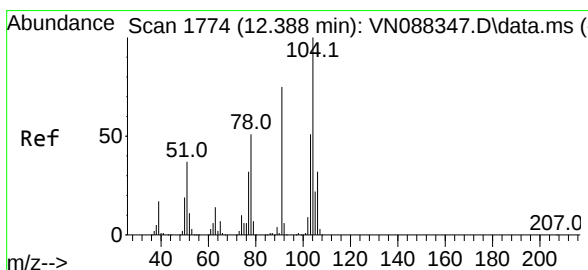
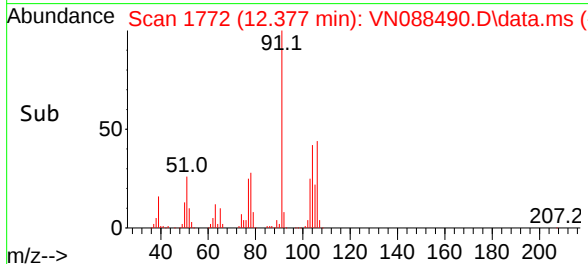
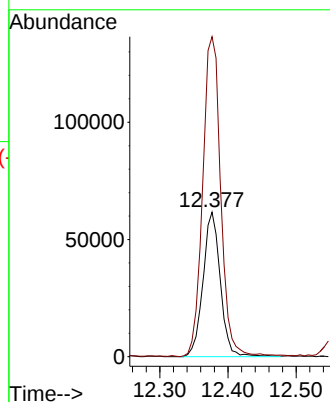
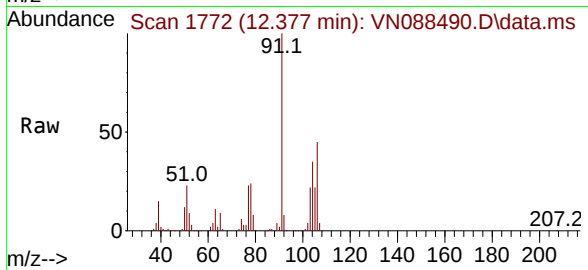




#69
o-Xylene
Concen: 18.598 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

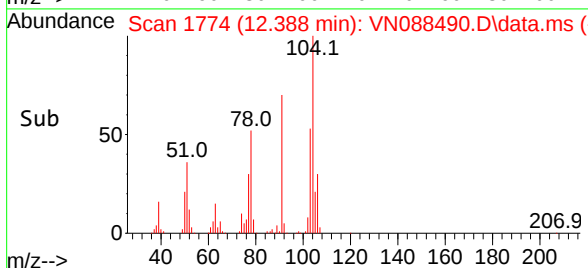
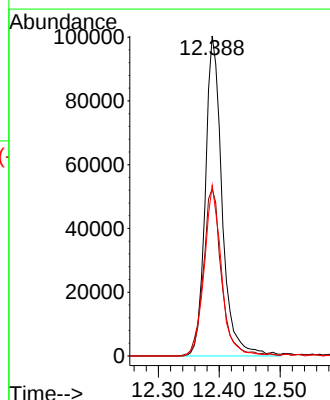
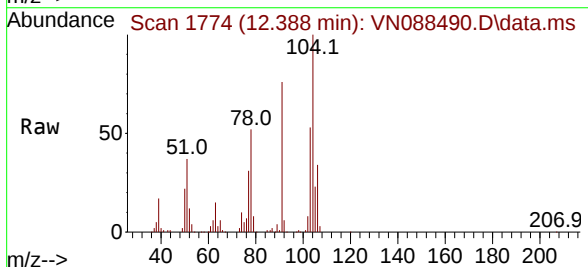
Instrument :
MSVOA_N
ClientSampleId :

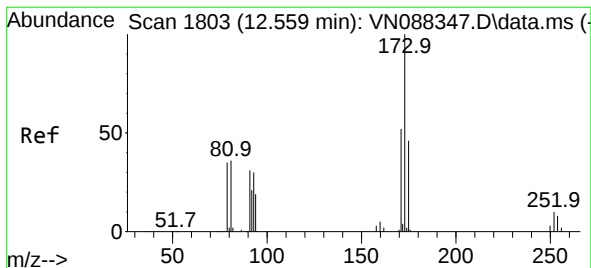
Tgt Ion:106 Resp: 108849
Ion Ratio Lower Upper
106 100
91 232.0 112.9 338.7



#70
Styrene
Concen: 20.264 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion:104 Resp: 192573
Ion Ratio Lower Upper
104 100
78 56.7 44.3 66.5
103 54.3 44.2 66.4





#71

Bromoform

Concen: 20.627 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

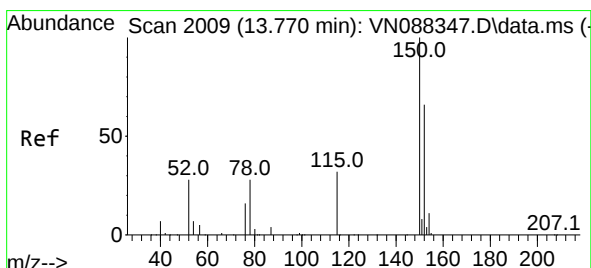
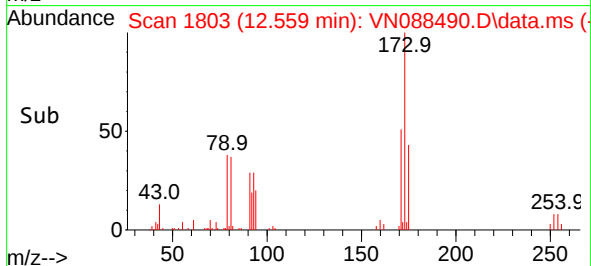
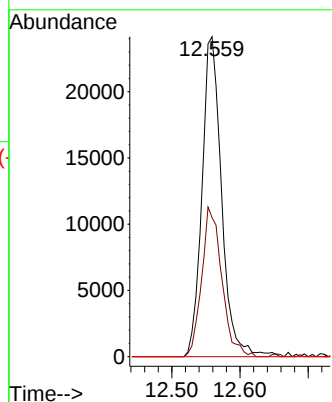
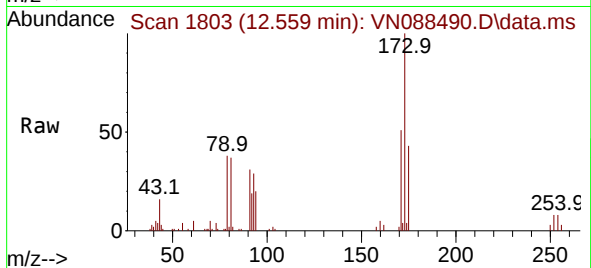
Tgt Ion:173 Resp: 48273

Ion Ratio Lower Upper

173 100

175 47.9 23.9 71.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.771 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

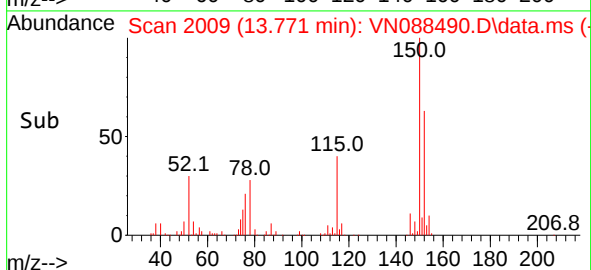
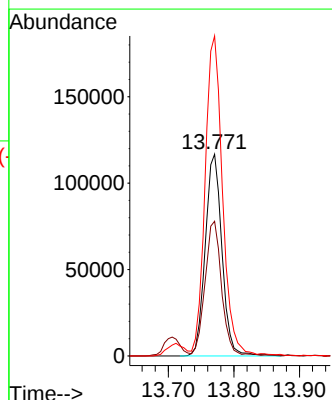
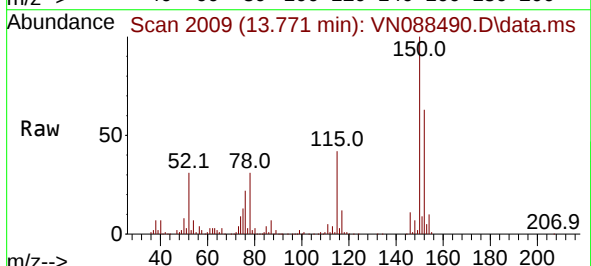
Tgt Ion:152 Resp: 207175

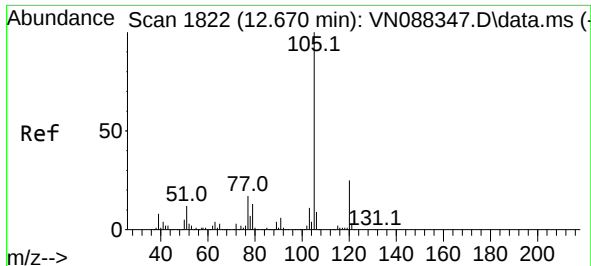
Ion Ratio Lower Upper

152 100

115 65.7 33.0 98.9

150 165.9 0.0 349.0

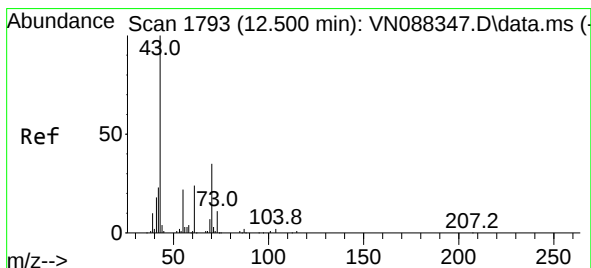
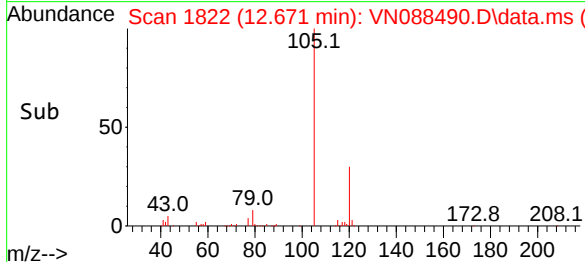
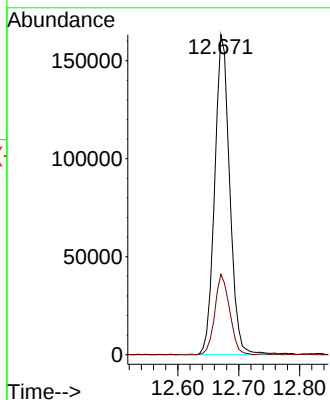
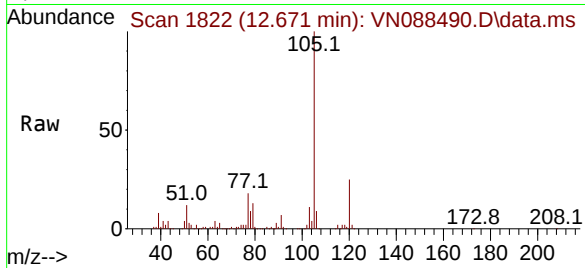




#73
Isopropylbenzene
Concen: 18.296 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

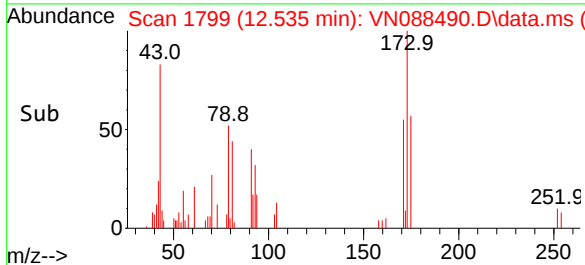
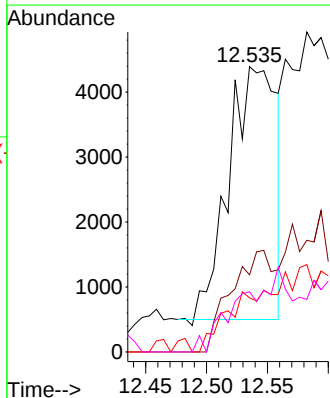
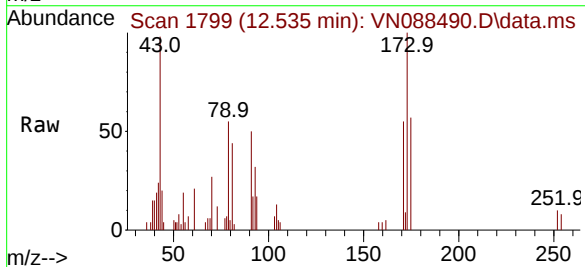
Instrument :
MSVOA_N
ClientSampleId :

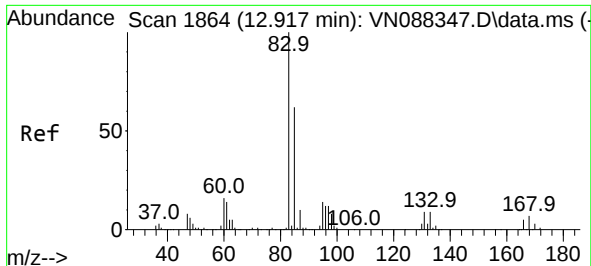
Tgt Ion:105 Resp: 280266
Ion Ratio Lower Upper
105 100
120 24.8 12.8 38.3



#74
N-ethyl acetate
Concen: 2.035 ug/l
RT: 12.535 min Scan# 1799
Delta R.T. 0.035 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 43 Resp: 10614
Ion Ratio Lower Upper
43 100
70 0.0 28.3 42.5#
55 16.2 17.7 26.5#
61 17.0 13.7 20.5

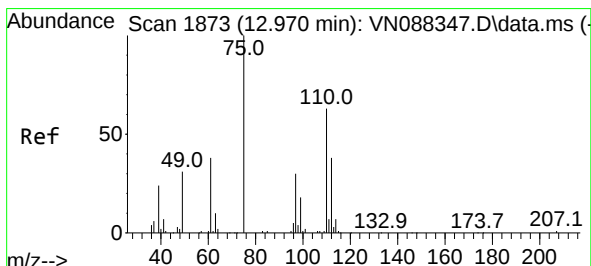
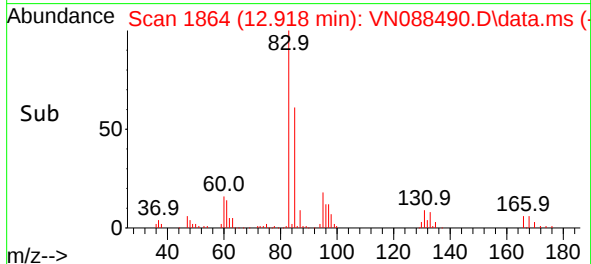
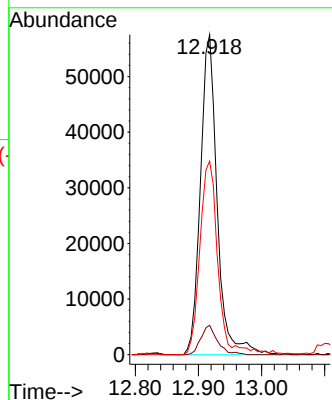
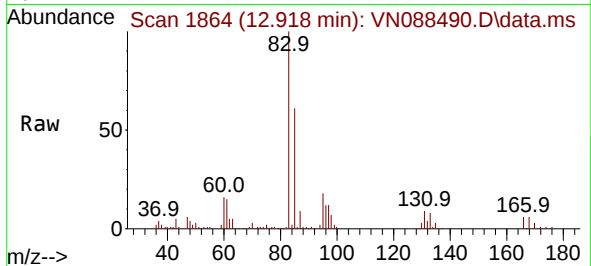




#75
1,1,2,2-Tetrachloroethane
Concen: 21.399 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

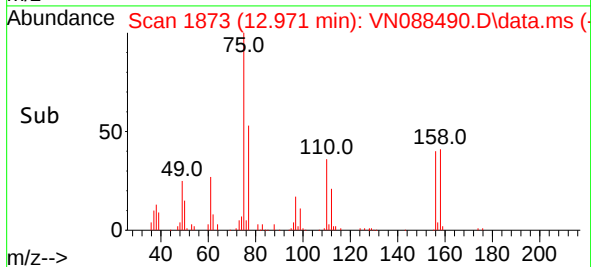
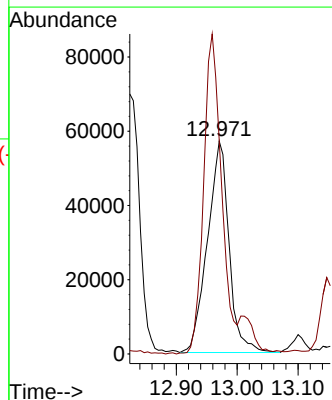
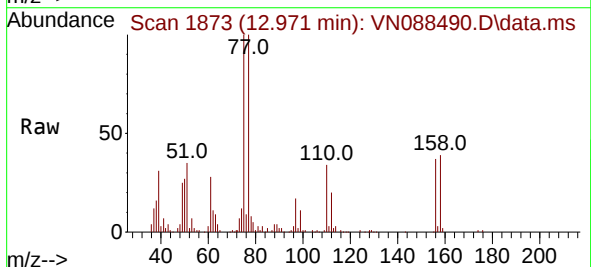
Instrument :
MSVOA_N
ClientSampleId :

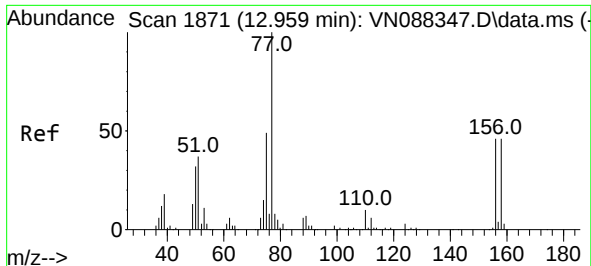
Tgt Ion: 83 Resp: 105969
Ion Ratio Lower Upper
83 100
131 9.1 4.8 14.4
85 64.8 32.1 96.5



#76
1,2,3-Trichloropropane
Concen: 28.877 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 75 Resp: 140125
Ion Ratio Lower Upper
75 100
77 126.0 87.2 261.6

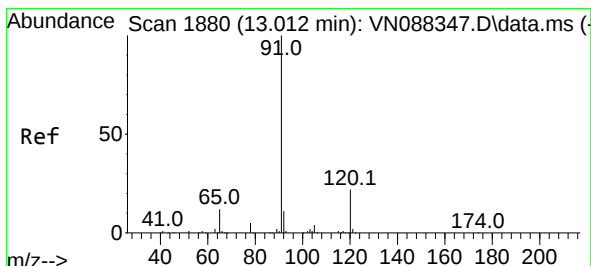
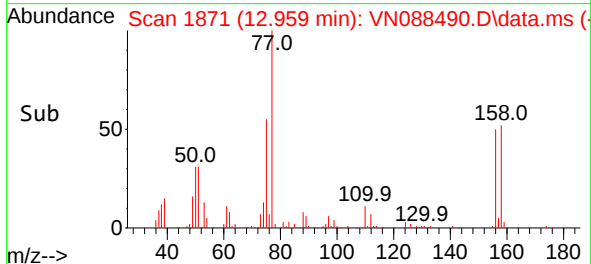
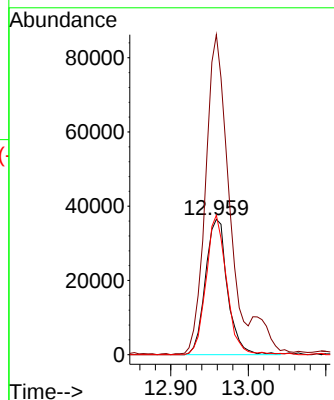
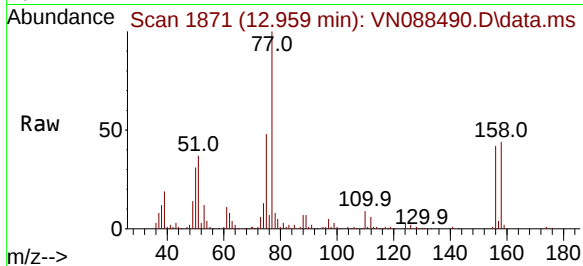




#77
Bromobenzene
Concen: 20.552 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

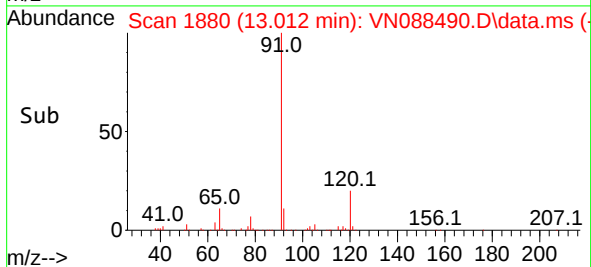
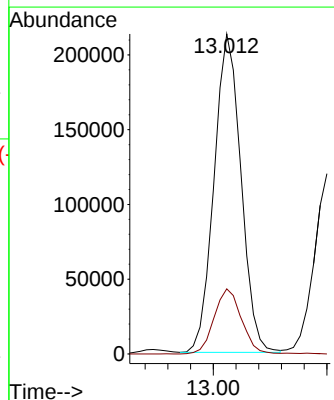
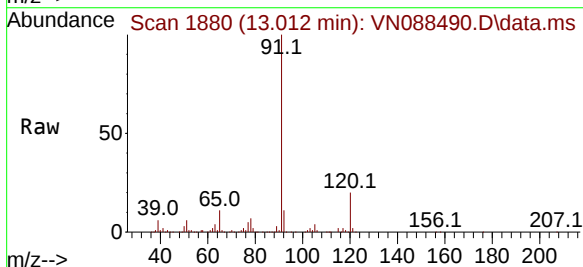
Instrument :
MSVOA_N
ClientSampleId :

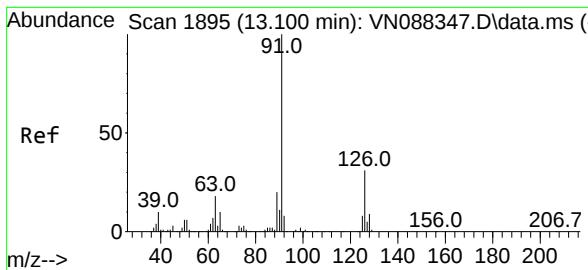
Tgt Ion:156 Resp: 72031
Ion Ratio Lower Upper
156 100
77 245.1 121.6 364.7
158 95.8 48.6 145.8



#78
n-propylbenzene
Concen: 18.707 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 91 Resp: 350570
Ion Ratio Lower Upper
91 100
120 21.0 10.9 32.6

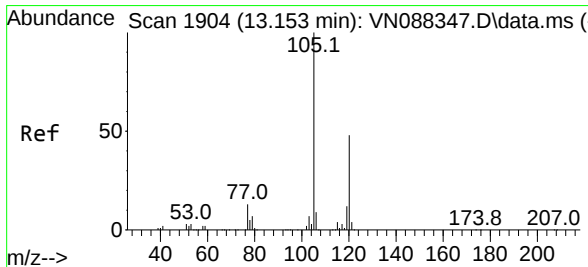
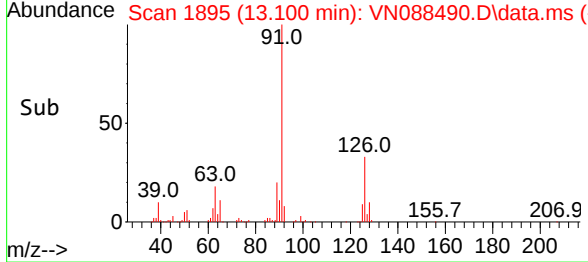
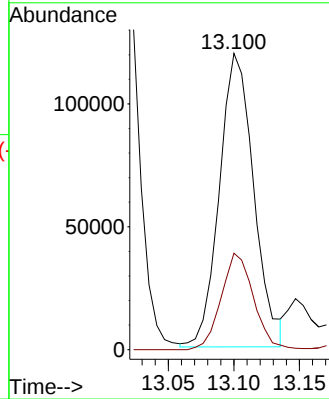
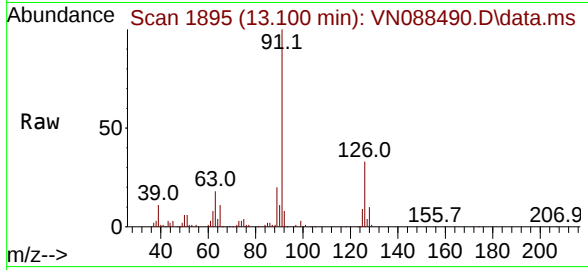




#79
2-Chlorotoluene
Concen: 19.043 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

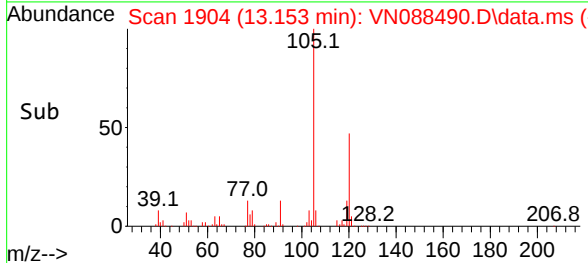
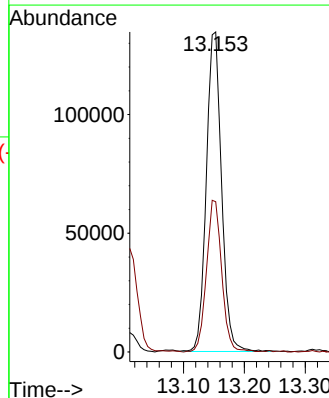
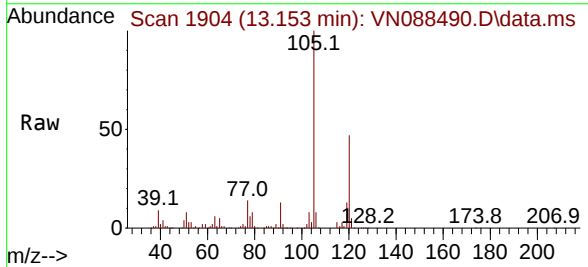
Instrument :
MSVOA_N
ClientSampleId :

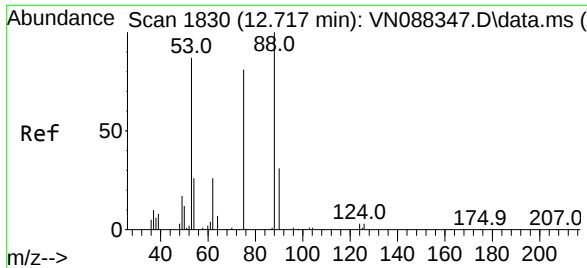
Tgt Ion: 91 Resp: 217924
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.9



#80
1,3,5-Trimethylbenzene
Concen: 18.458 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 105 Resp: 234298
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.5

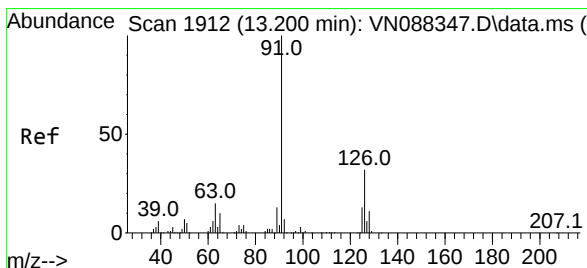
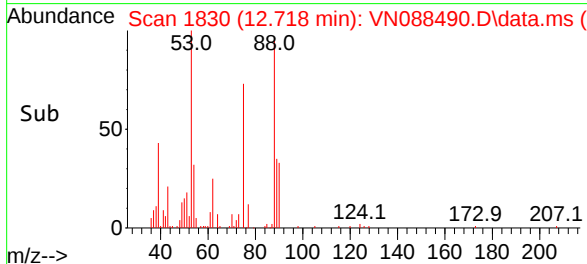
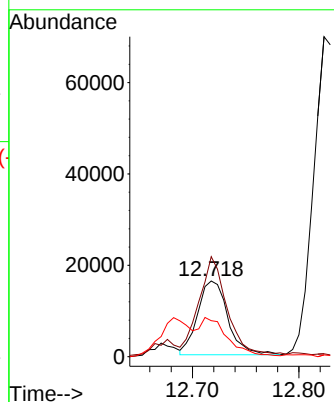
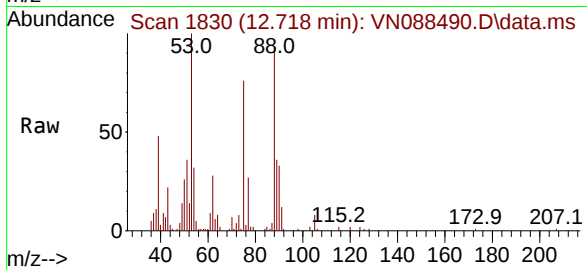




#81
trans-1,4-Dichloro-2-butene
Concen: 18.637 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

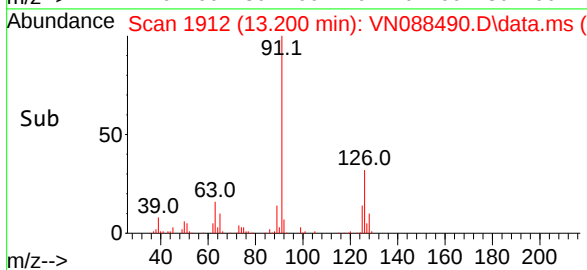
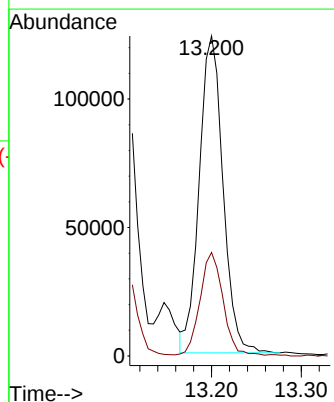
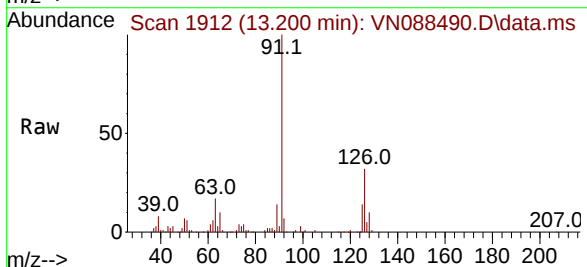
Instrument :
MSVOA_N
ClientSampleId :

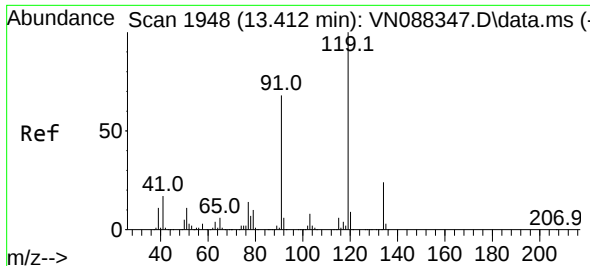
Tgt Ion: 75 Resp: 31878
Ion Ratio Lower Upper
75 100
53 121.9 92.2 138.4
89 51.1 0.0 0.0#



#82
4-Chlorotoluene
Concen: 19.975 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion: 91 Resp: 227044
Ion Ratio Lower Upper
91 100
126 32.1 15.6 46.7

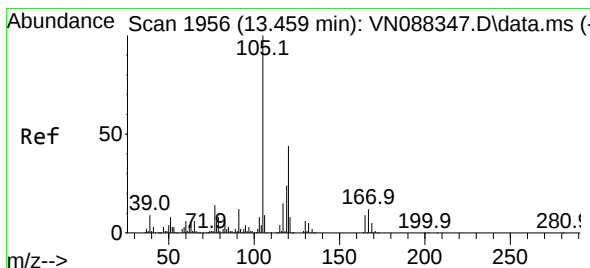
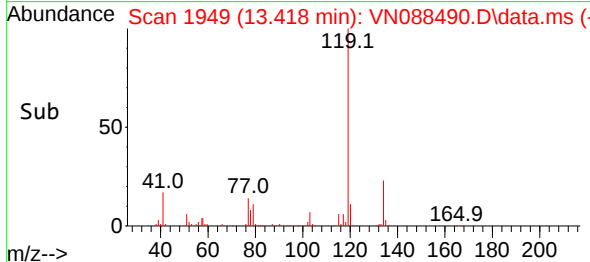
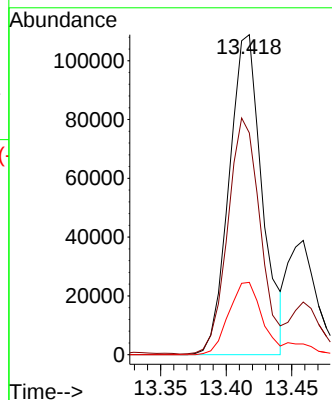
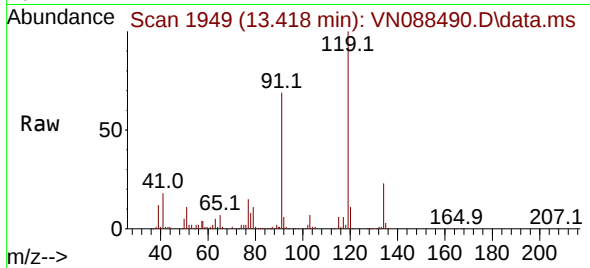




#83
tert-Butylbenzene
Concen: 17.715 ug/l
RT: 13.418 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

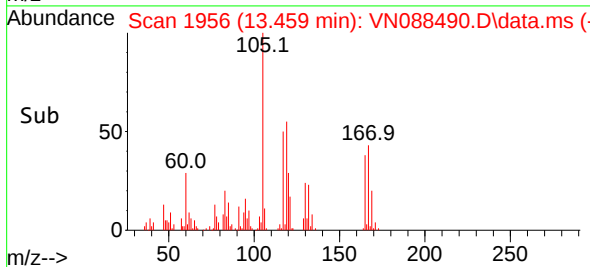
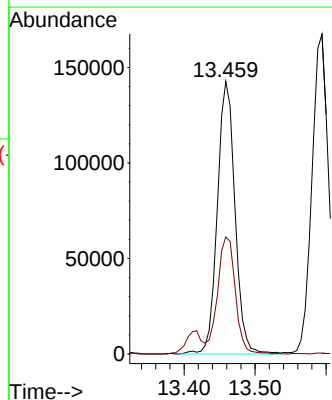
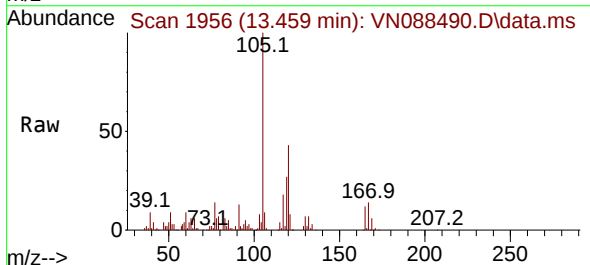
Instrument :
MSVOA_N
ClientSampleId :

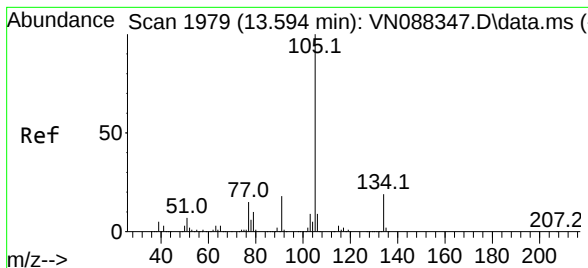
Tgt Ion:119 Resp: 191145
Ion Ratio Lower Upper
119 100
91 72.4 35.1 105.3
134 25.7 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 19.462 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion:105 Resp: 245542
Ion Ratio Lower Upper
105 100
120 43.2 22.1 66.1





#85

sec-Butylbenzene

Concen: 17.779 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

Instrument :

MSVOA_N

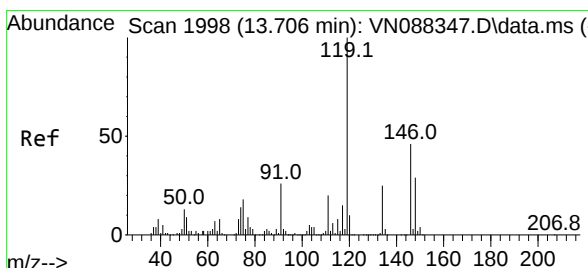
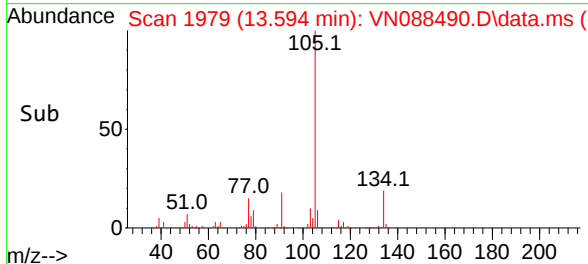
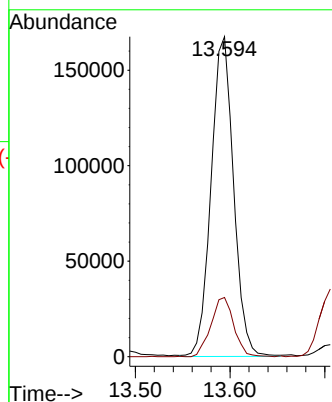
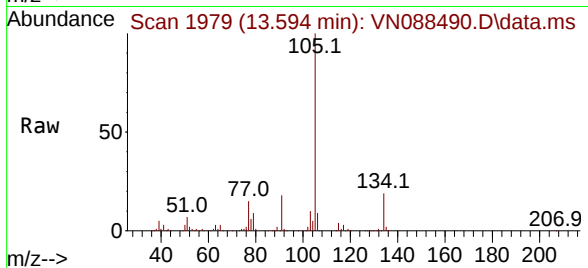
ClientSampleId :

Tgt Ion:105 Resp: 275594

Ion Ratio Lower Upper

105 100

134 18.9 9.5 28.5



#86

p-Isopropyltoluene

Concen: 18.094 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

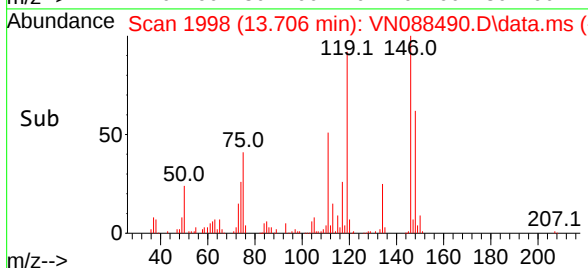
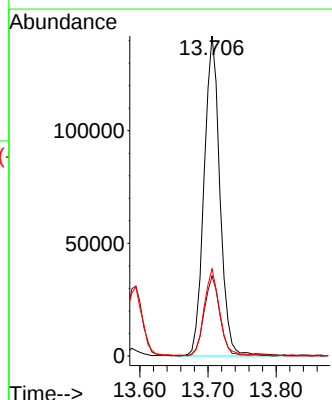
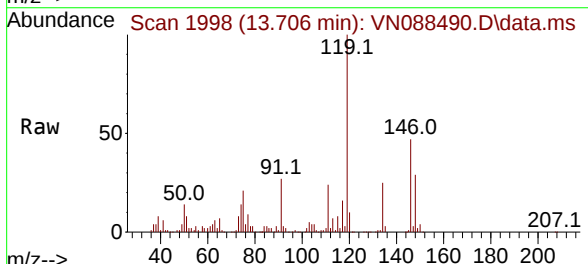
Tgt Ion:119 Resp: 230001

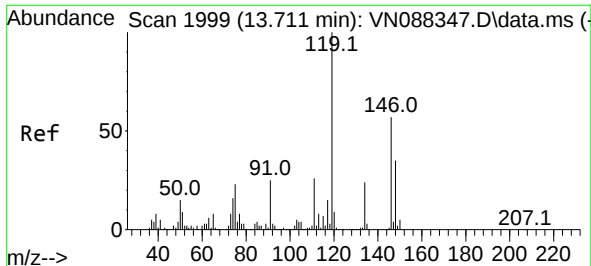
Ion Ratio Lower Upper

119 100

134 24.9 12.2 36.6

91 27.1 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 19.489 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

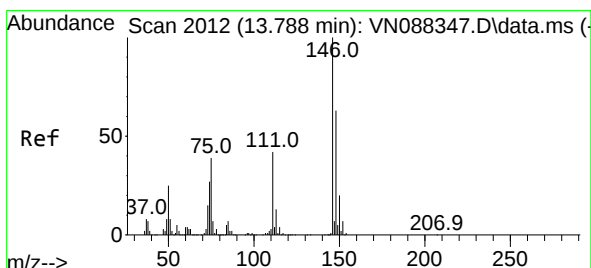
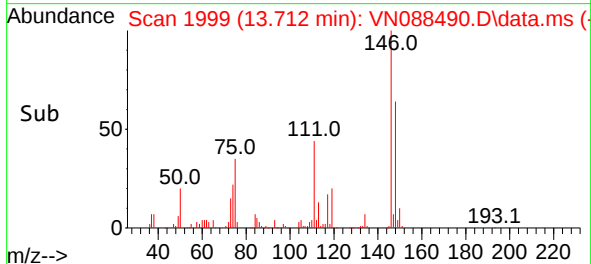
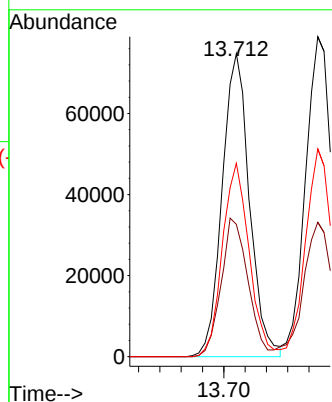
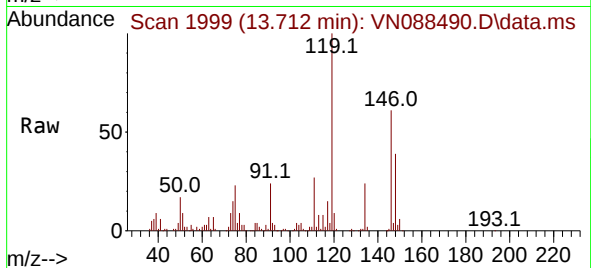
Tgt Ion:146 Resp: 132967

Ion Ratio Lower Upper

146 100

111 45.1 22.4 67.0

148 62.9 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 19.184 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

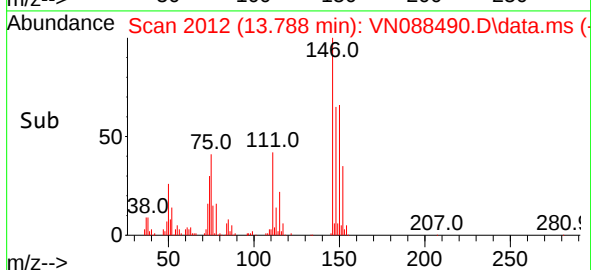
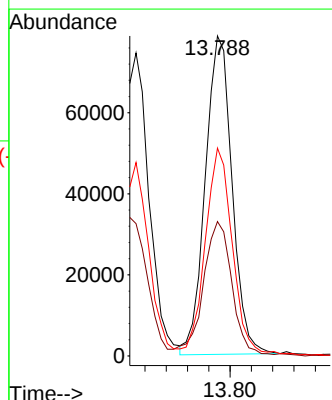
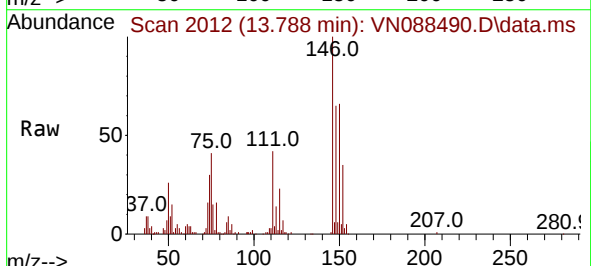
Tgt Ion:146 Resp: 137101

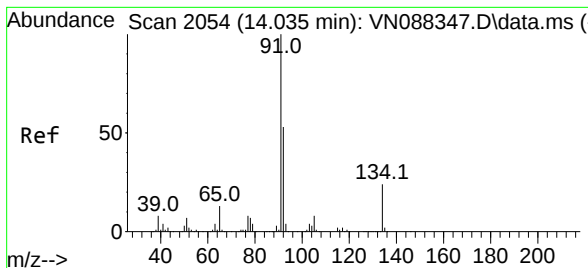
Ion Ratio Lower Upper

146 100

111 44.3 21.6 64.6

148 67.4 31.0 93.0





#89

n-Butylbenzene

Concen: 17.148 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

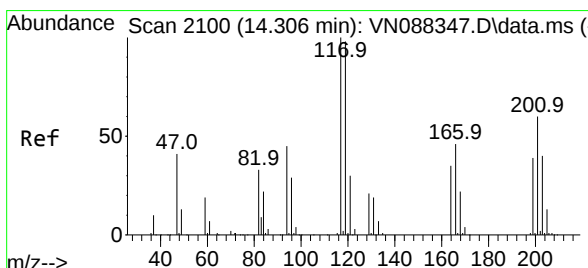
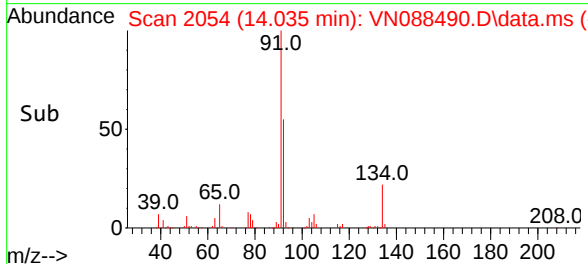
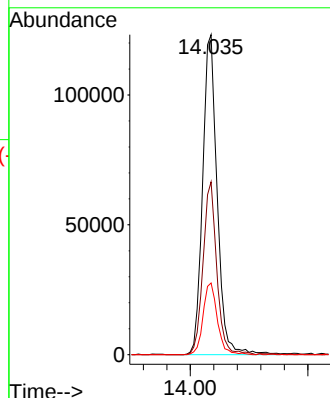
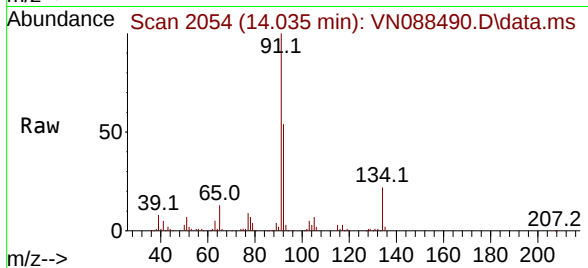
Tgt Ion: 91 Resp: 211634

Ion Ratio Lower Upper

91 100

92 51.2 26.1 78.3

134 22.0 11.7 35.1



#90

Hexachloroethane

Concen: 18.224 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. 0.000 min

Lab File: VN088490.D

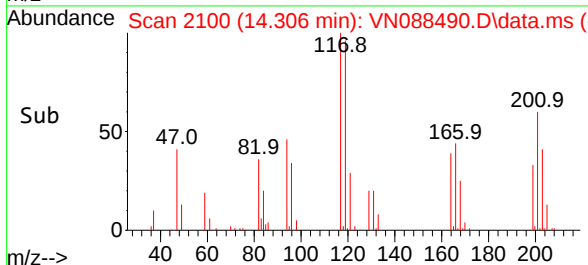
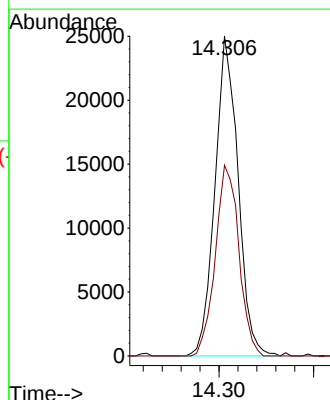
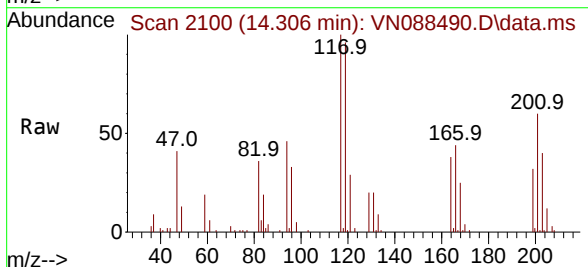
Acq: 10 Dec 2025 11:30

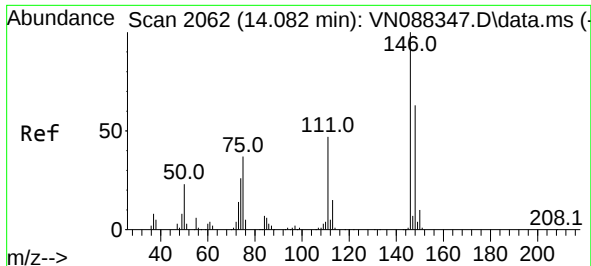
Tgt Ion: 117 Resp: 42318

Ion Ratio Lower Upper

117 100

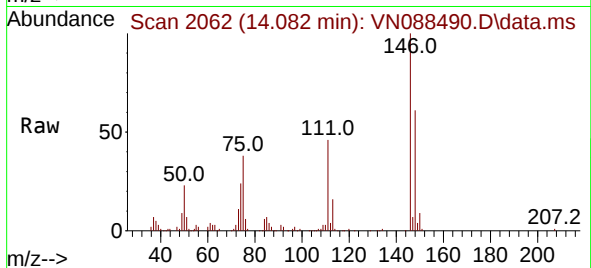
201 61.0 30.3 90.9



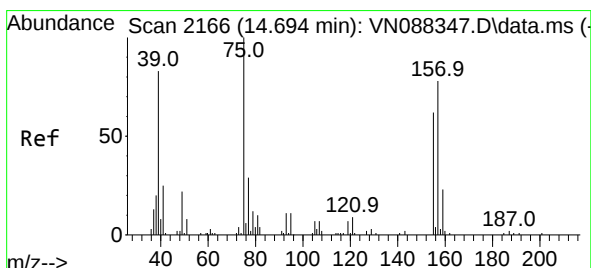
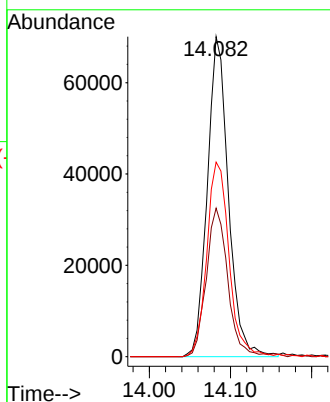
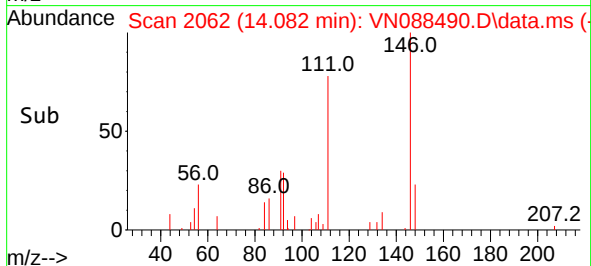


#91
1,2-Dichlorobenzene
Concen: 19.673 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

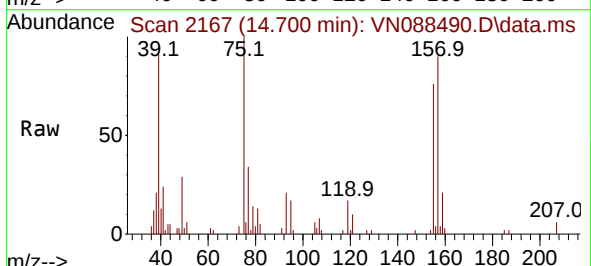
Instrument :
MSVOA_N
ClientSampleId :



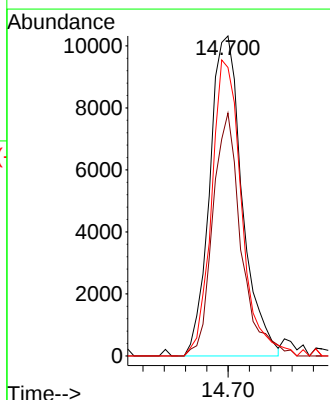
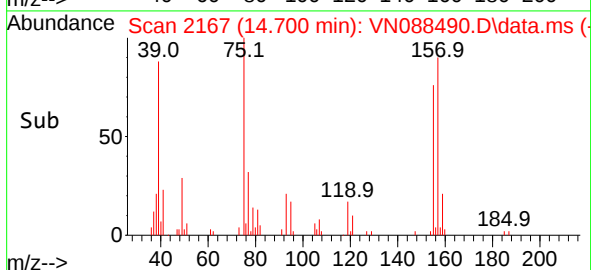
Tgt Ion:146 Resp: 126309
Ion Ratio Lower Upper
146 100
111 47.3 23.3 69.9
148 64.0 31.8 95.4

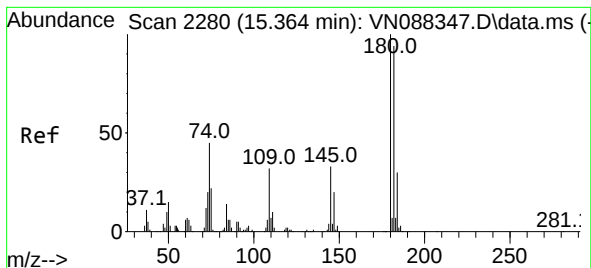


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.187 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30



Tgt Ion: 75 Resp: 21852
Ion Ratio Lower Upper
75 100
155 66.5 33.7 101.1
157 85.4 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 17.127 ug/l

RT: 15.370 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

Instrument :

MSVOA_N

ClientSampleId :

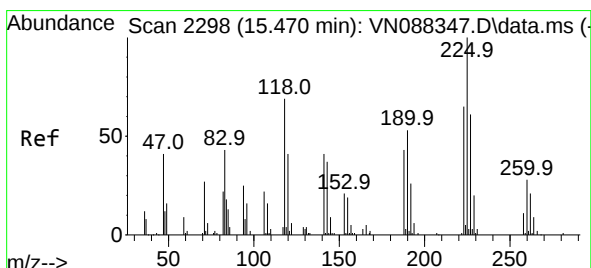
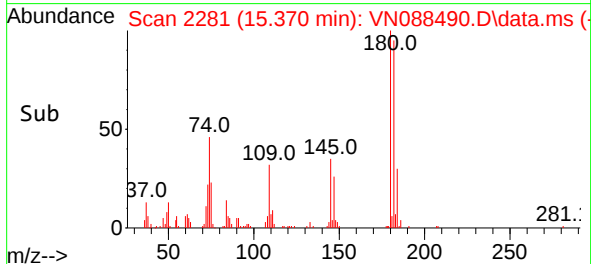
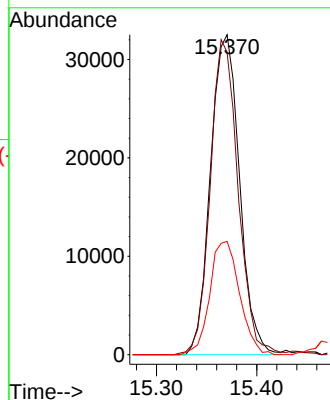
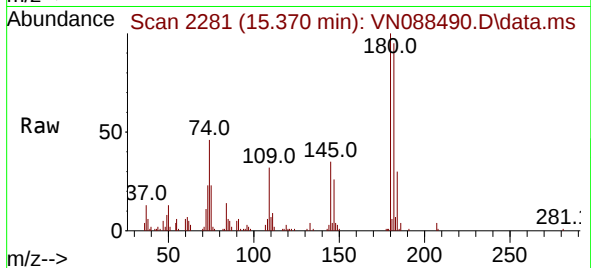
Tgt Ion:180 Resp: 65335

Ion Ratio Lower Upper

180 100

182 94.4 46.1 138.2

145 36.4 16.7 50.1



#94

Hexachlorobutadiene

Concen: 16.698 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN088490.D

Acq: 10 Dec 2025 11:30

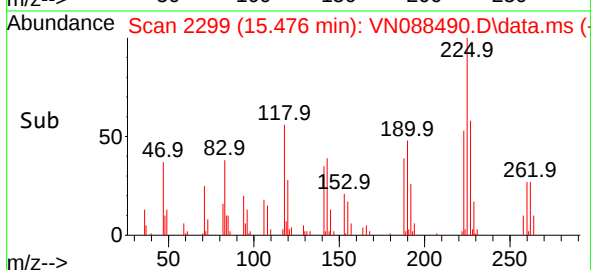
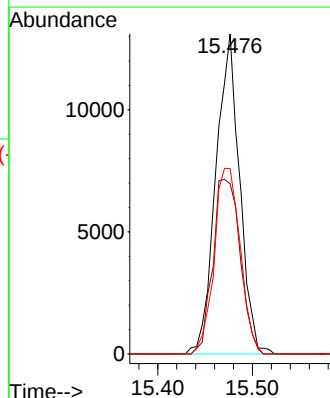
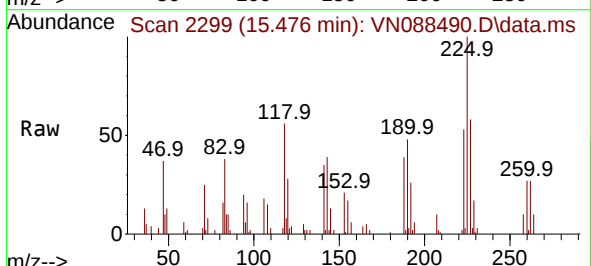
Tgt Ion:225 Resp: 22890

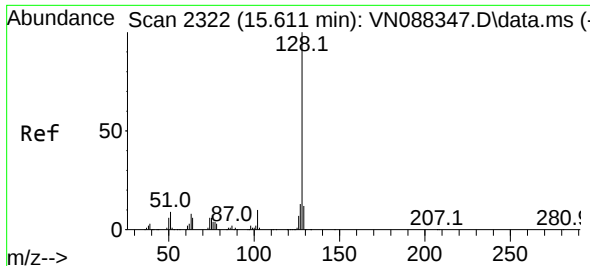
Ion Ratio Lower Upper

225 100

223 62.7 32.3 96.8

227 63.3 29.9 89.8

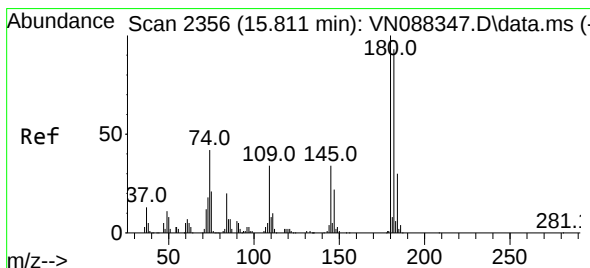
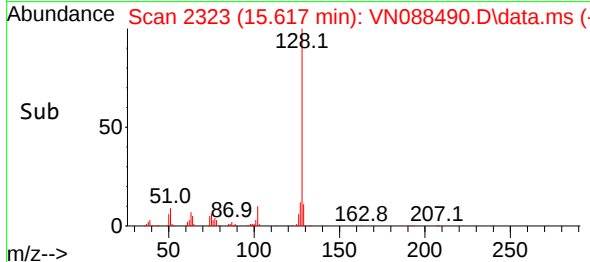
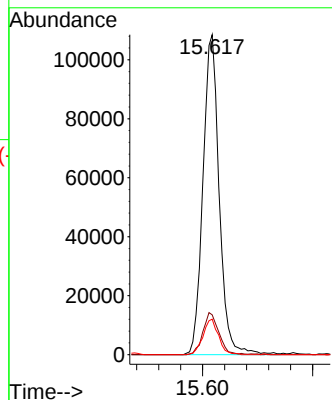
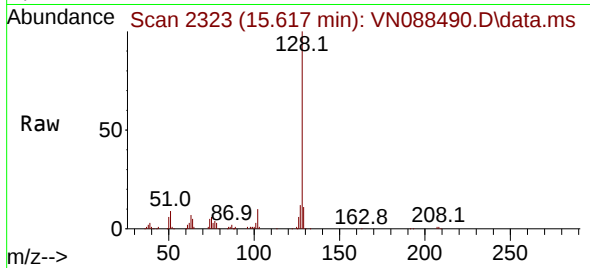




#95
Naphthalene
Concen: 16.853 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 222786
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.6 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 17.198 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088490.D
Acq: 10 Dec 2025 11:30

Tgt Ion:180 Resp: 63849
Ion Ratio Lower Upper
180 100
182 97.2 45.9 137.7
145 37.9 17.8 53.4

