

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091825\
 Data File : VN087889.D
 Acq On : 18 Sep 2025 12:24
 Operator : JC\MD
 Sample : VN0918WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 03:04:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	247991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	449383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	401198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	217500	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	220990	43.493	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.980%
35) Dibromofluoromethane	8.147	113	163340	50.343	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.680%
50) Toluene-d8	10.547	98	575111	47.359	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.720%
62) 4-Bromofluorobenzene	12.829	95	208329	48.239	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	72258	20.515	ug/l	97
3) Chloromethane	2.383	50	67308	18.595	ug/l	97
4) Vinyl Chloride	2.536	62	70429	16.781	ug/l	95
5) Bromomethane	2.977	94	41715	19.263	ug/l	95
6) Chloroethane	3.136	64	45572	15.450	ug/l	99
7) Trichlorofluoromethane	3.506	101	116999	19.028	ug/l	95
8) Diethyl Ether	3.959	74	42402	15.834	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	65089	18.708	ug/l	93
10) Methyl Iodide	4.583	142	42700	20.996	ug/l	97
11) Tert butyl alcohol	5.524	59	87897	99.646	ug/l	97
12) 1,1-Dichloroethene	4.336	96	61428	17.181	ug/l	91
13) Acrolein	4.177	56	85631	78.965	ug/l	99
14) Allyl chloride	5.012	41	107539	16.598	ug/l	96
15) Acrylonitrile	5.712	53	233463	93.847	ug/l	99
16) Acetone	4.418	43	192535	69.609	ug/l	95
17) Carbon Disulfide	4.706	76	188322	19.133	ug/l	98
18) Methyl Acetate	5.018	43	115840	20.002	ug/l	95
19) Methyl tert-butyl Ether	5.783	73	251732	18.768	ug/l	91
20) Methylene Chloride	5.265	84	83560	20.145	ug/l	90
21) trans-1,2-Dichloroethene	5.777	96	73879	19.066	ug/l	91
22) Diisopropyl ether	6.659	45	246344	17.619	ug/l	98
23) Vinyl Acetate	6.589	43	1037440	81.555	ug/l	98
24) 1,1-Dichloroethane	6.553	63	144974	18.911	ug/l	96
25) 2-Butanone	7.471	43	333596	91.673	ug/l	98
26) 2,2-Dichloropropane	7.477	77	120598	18.329	ug/l	100
27) cis-1,2-Dichloroethene	7.465	96	86902	18.759	ug/l	98
28) Bromochloromethane	7.800	49	73042	19.708	ug/l	91
29) Tetrahydrofuran	7.824	42	205264	87.649	ug/l	95
30) Chloroform	7.947	83	149408	19.094	ug/l	95
31) Cyclohexane	8.241	56	118242	18.501	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	130505	19.680	ug/l	95
36) 1,1-Dichloropropene	8.353	75	97406	19.569	ug/l	97
37) Ethyl Acetate	7.547	43	126884	18.655	ug/l	97
38) Carbon Tetrachloride	8.341	117	108060	21.988	ug/l	98
39) Methylcyclohexane	9.582	83	115212	21.024	ug/l	95
40) Benzene	8.588	78	311718	20.418	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	71687	20.347	ug/l	97
42) 1,2-Dichloroethane	8.653	62	121255	20.668	ug/l	98
43) Isopropyl Acetate	8.671	43	204929	19.298	ug/l	97
44) Trichloroethene	9.335	130	75101	21.547	ug/l	99
45) 1,2-Dichloropropane	9.606	63	78565	19.523	ug/l	100
46) Dibromomethane	9.688	93	61343	21.421	ug/l	97
47) Bromodichloromethane	9.871	83	124974	21.294	ug/l	95
48) Methyl methacrylate	9.665	41	92043	18.325	ug/l	95
49) 1,4-Dioxane	9.682	88	31702	486.942	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	644545	100.600	ug/l	99
52) Toluene	10.612	92	193968	20.494	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	120636	19.858	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	126892	20.117	ug/l	91
55) 1,1,2-Trichloroethane	10.994	97	81139	22.161	ug/l	98
56) Ethyl methacrylate	10.853	69	113642	19.422	ug/l	99
57) 1,3-Dichloropropane	11.141	76	132204	20.403	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	281261	88.810	ug/l	98
59) 2-Hexanone	11.176	43	404639	99.930	ug/l	95
60) Dibromochloromethane	11.341	129	92426	21.787	ug/l	96
61) 1,2-Dibromoethane	11.447	107	80253	20.787	ug/l	98
64) Tetrachloroethene	11.076	164	61916	22.244	ug/l	94
65) Chlorobenzene	11.871	112	213742	21.415	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	76183	22.991	ug/l	98
67) Ethyl Benzene	11.941	91	353859	20.476	ug/l	99
68) m/p-Xylenes	12.047	106	276580	43.639	ug/l	95
69) o-Xylene	12.376	106	134094	21.589	ug/l	95
70) Styrene	12.388	104	224805	21.604	ug/l	98
71) Bromoform	12.559	173	60635	23.860	ug/l #	100
73) Isopropylbenzene	12.676	105	347954	19.798	ug/l	100
74) N-amyl acetate	12.541	43	19787	2.971	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.918	83	122482	20.242	ug/l	97
76) 1,2,3-Trichloropropane	12.970	75	154605	30.312	ug/l	62
77) Bromobenzene	12.959	156	85656	20.670	ug/l	94
78) n-propylbenzene	13.012	91	439093	20.283	ug/l	99
79) 2-Chlorotoluene	13.100	91	251961	19.340	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	299614	20.095	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	35592	18.474	ug/l	89
82) 4-Chlorotoluene	13.200	91	258755	18.891	ug/l	95
83) tert-Butylbenzene	13.418	119	255240	20.543	ug/l	95
84) 1,2,4-Trimethylbenzene	13.459	105	298021	19.967	ug/l	98
85) sec-Butylbenzene	13.594	105	369333	20.031	ug/l	98
86) p-Isopropyltoluene	13.706	119	315034	20.692	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	171517	21.018	ug/l	96
88) 1,4-Dichlorobenzene	13.788	146	173720	20.456	ug/l	99
89) n-Butylbenzene	14.035	91	299386	19.800	ug/l	99
90) Hexachloroethane	14.312	117	59284	20.439	ug/l	89
91) 1,2-Dichlorobenzene	14.082	146	164245	21.215	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	27262	18.966	ug/l	93
93) 1,2,4-Trichlorobenzene	15.370	180	96023	20.654	ug/l	100
94) Hexachlorobutadiene	15.476	225	37484	22.616	ug/l	96
95) Naphthalene	15.611	128	306716	18.626	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	90300	19.868	ug/l	96

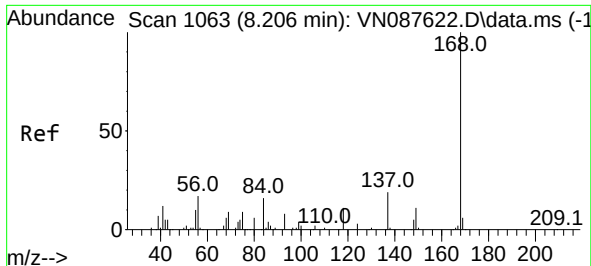
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Response via : Initial Calibration

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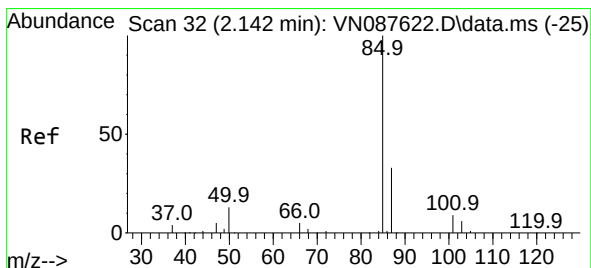
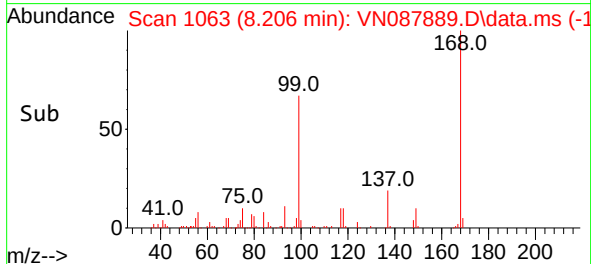
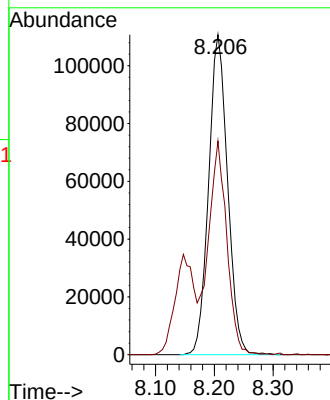
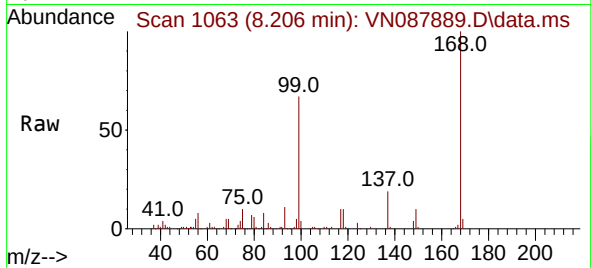
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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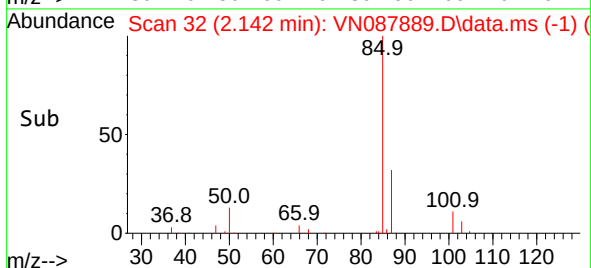
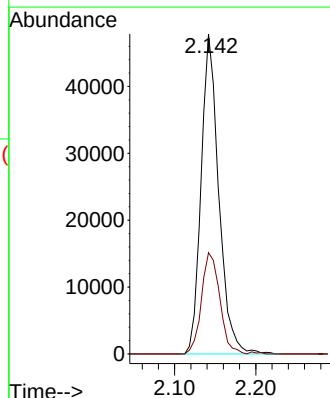
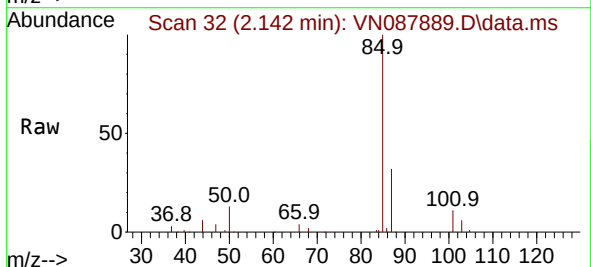
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MSVOA_N
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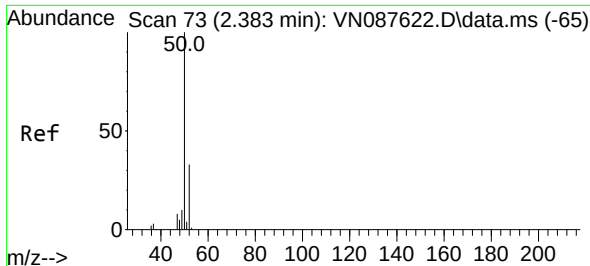
Tgt Ion:168 Resp: 247991
Ion Ratio Lower Upper
168 100
99 66.2 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 20.515 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

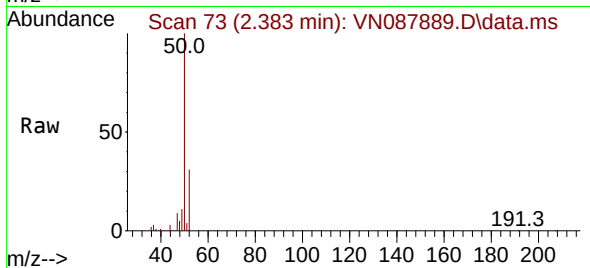
Tgt Ion: 85 Resp: 72258
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8



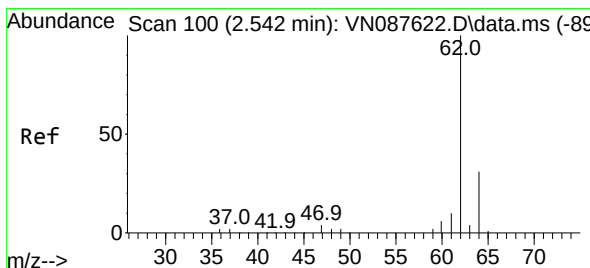
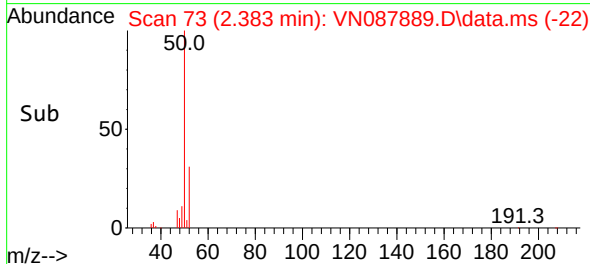
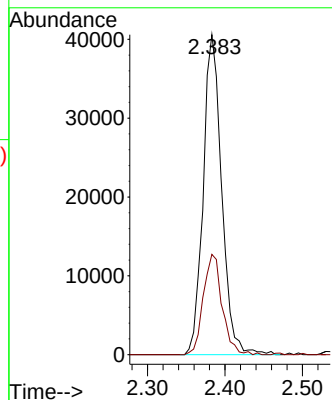


#3
Chloromethane
Concen: 18.595 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

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MSVOA_N
ClientSampleId :

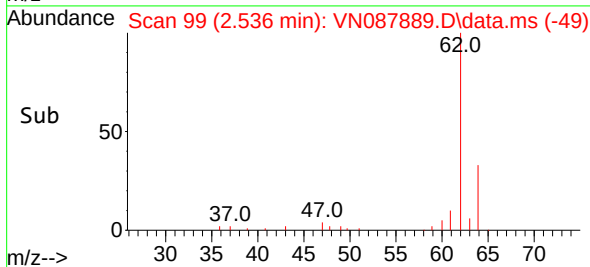
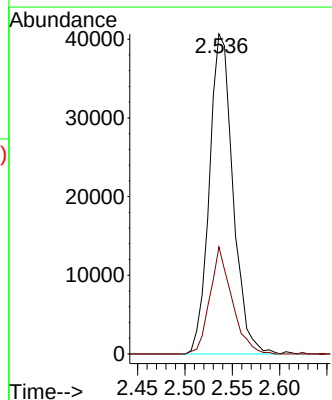
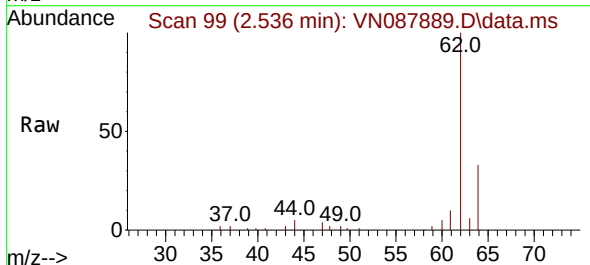


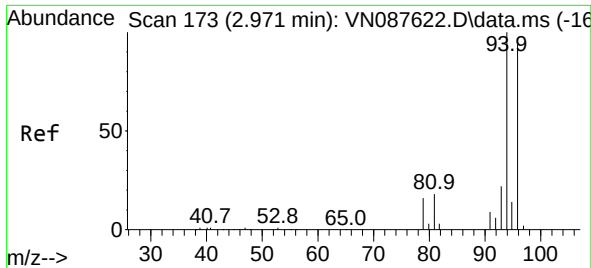
Tgt Ion: 50 Resp: 67308
Ion Ratio Lower Upper
50 100
52 31.3 26.2 39.4



#4
Vinyl Chloride
Concen: 16.781 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion: 62 Resp: 70429
Ion Ratio Lower Upper
62 100
64 33.4 24.6 37.0

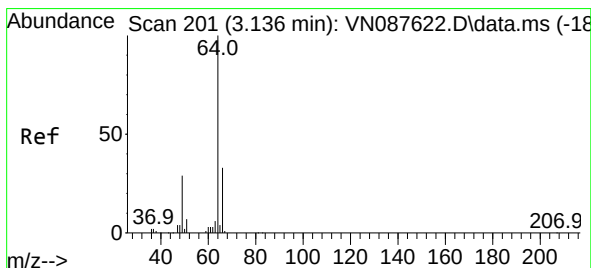
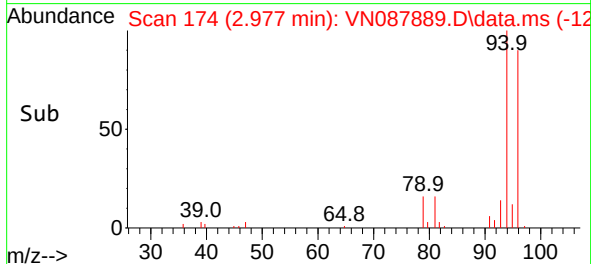
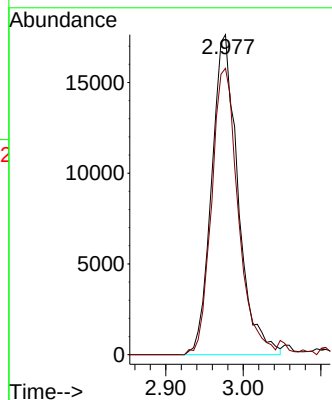
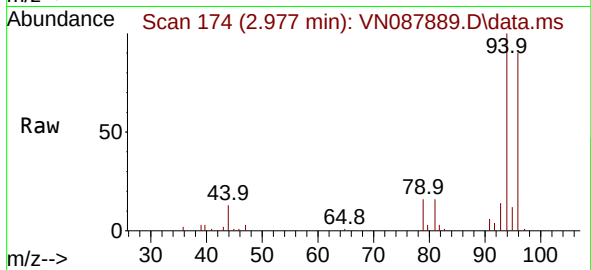




#5
Bromomethane
Concen: 19.263 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

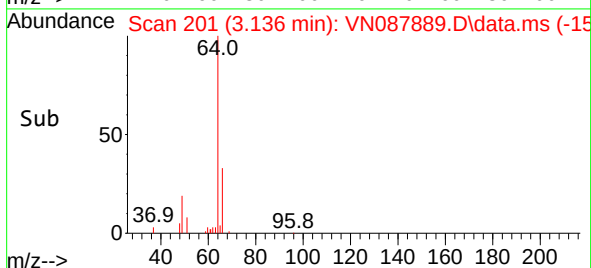
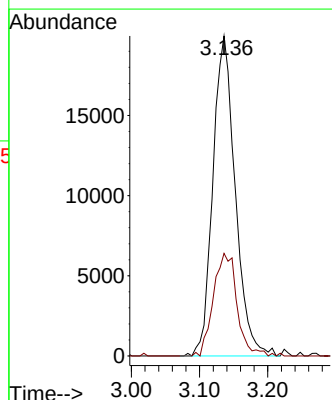
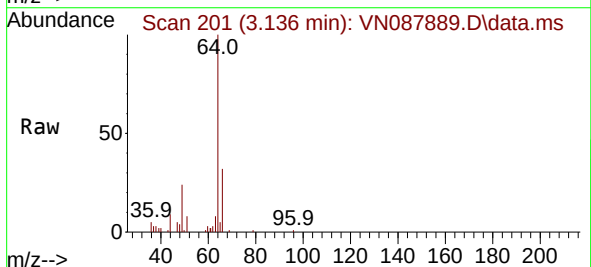
Instrument :
MSVOA_N
ClientSampleId :

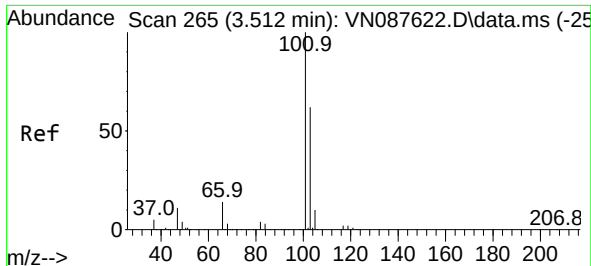
Tgt Ion: 94 Resp: 41715
Ion Ratio Lower Upper
94 100
96 89.5 75.4 113.2



#6
Chloroethane
Concen: 15.450 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion: 64 Resp: 45572
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.2

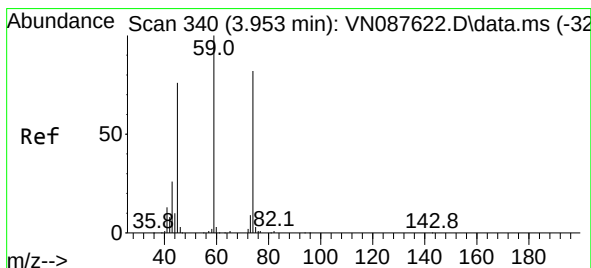
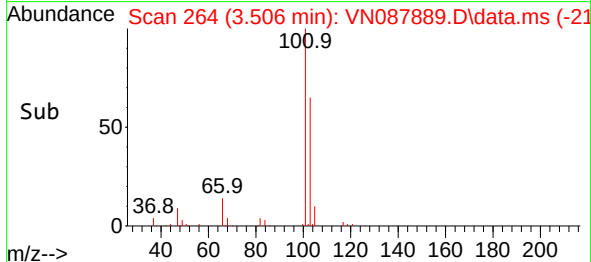
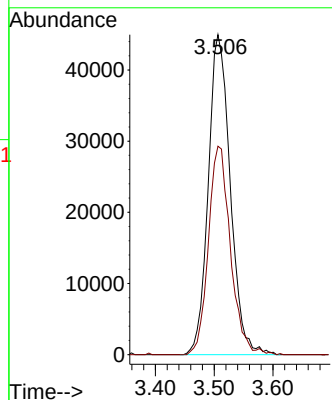
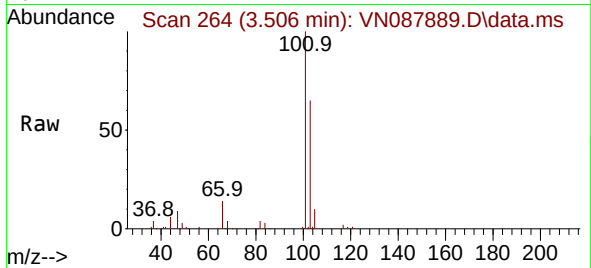




#7
 Trichlorofluoromethane
 Concen: 19.028 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN087889.D
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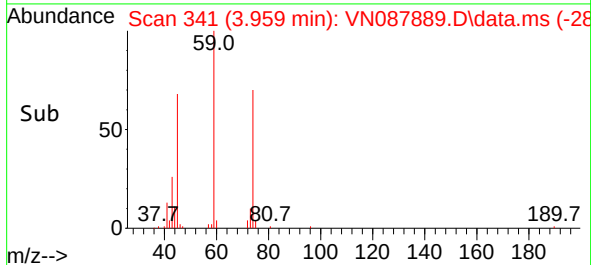
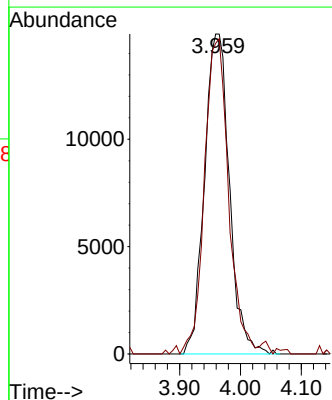
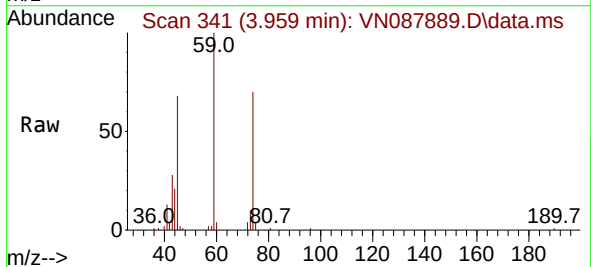
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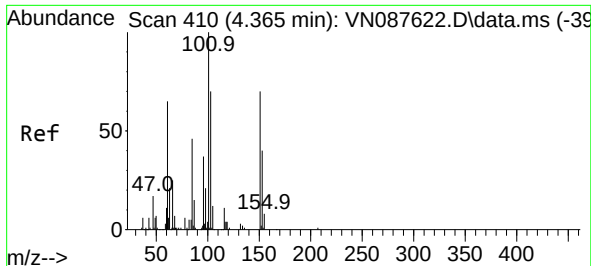
Tgt Ion:101 Resp: 116999
 Ion Ratio Lower Upper
 101 100
 103 65.2 49.4 74.0



#8
 Diethyl Ether
 Concen: 15.834 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087889.D
 Acq: 18 Sep 2025 12:24

Tgt Ion: 74 Resp: 42402
 Ion Ratio Lower Upper
 74 100
 45 95.1 50.6 151.9

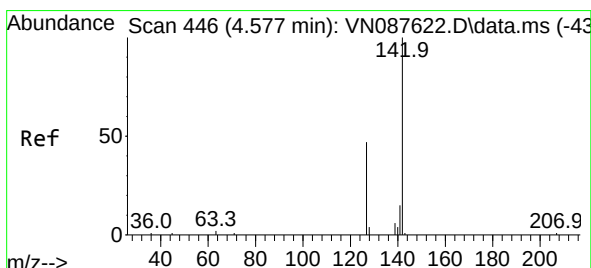
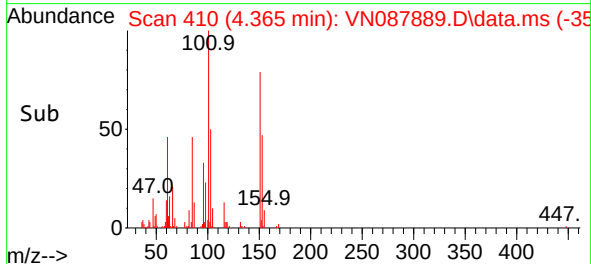
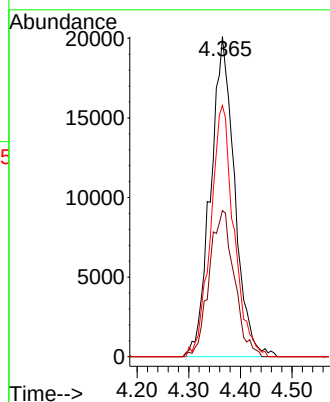
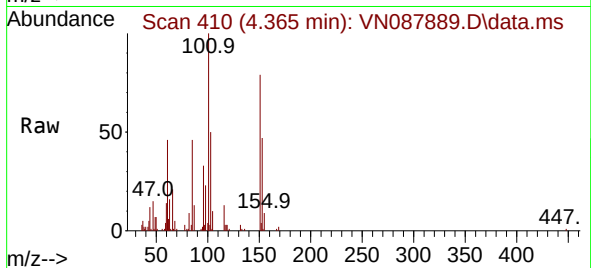




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.708 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087889.D
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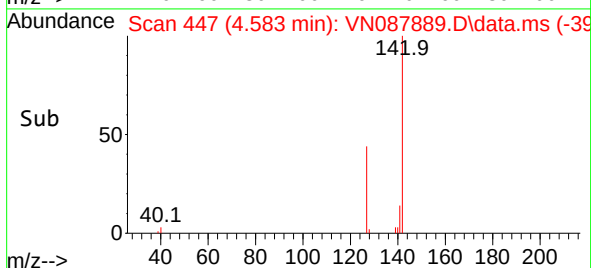
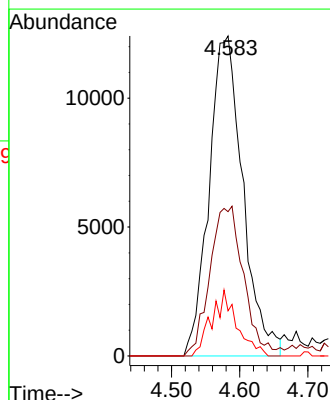
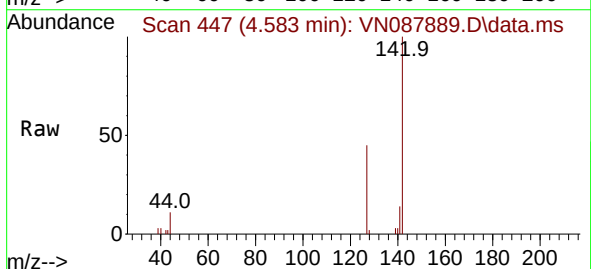
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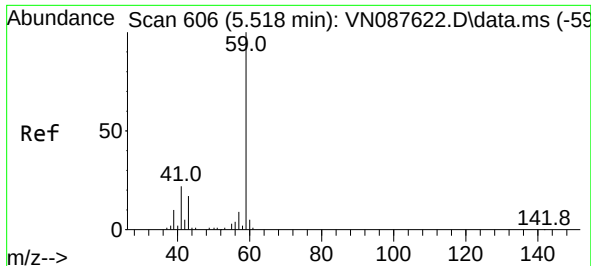
Tgt Ion:101 Resp: 65089
Ion Ratio Lower Upper
101 100
85 47.6 36.6 55.0
151 75.8 54.7 82.1



#10
Methyl Iodide
Concen: 20.996 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion:142 Resp: 42700
Ion Ratio Lower Upper
142 100
127 45.1 38.0 57.0
141 14.1 12.0 18.0

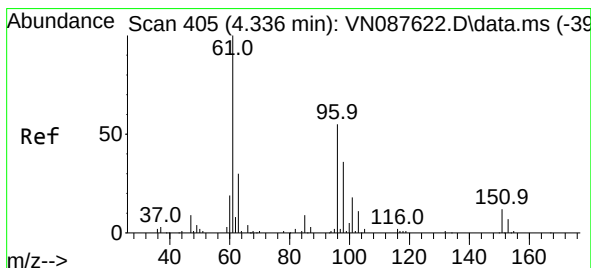
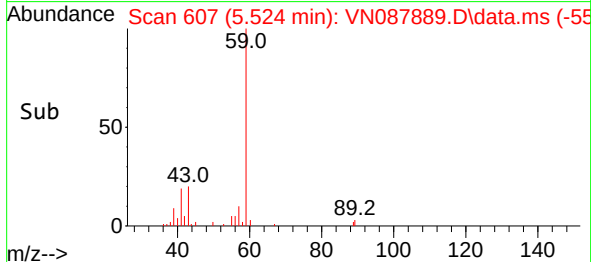
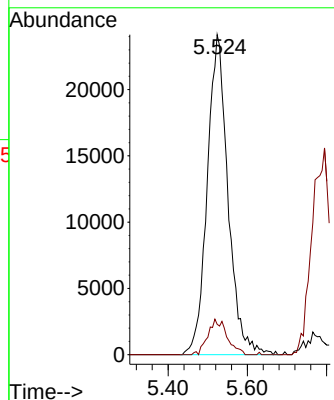
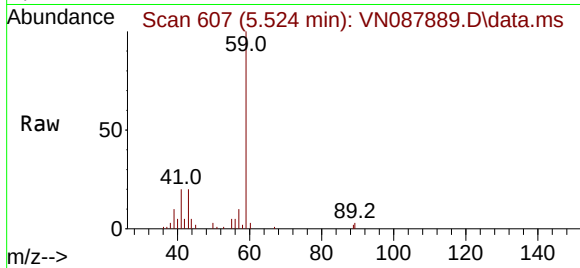




#11
Tert butyl alcohol
Concen: 99.646 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

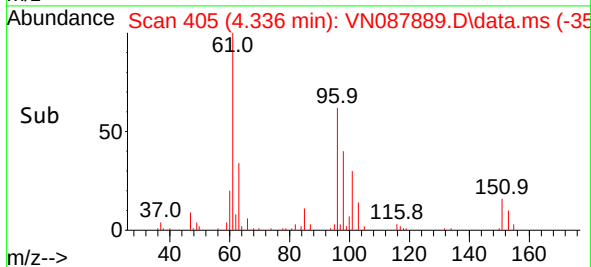
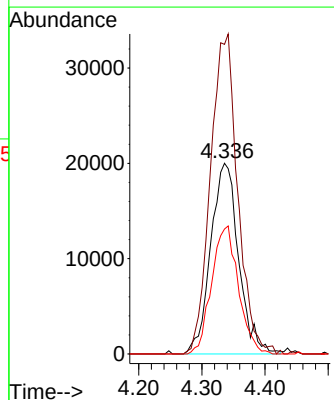
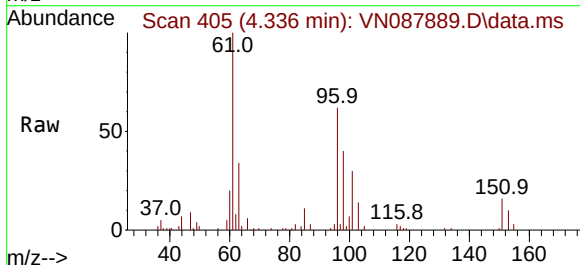
Instrument :
MSVOA_N
ClientSampleId :

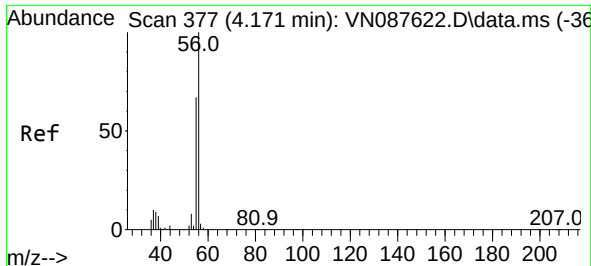
Tgt Ion: 59 Resp: 87897
Ion Ratio Lower Upper
59 100
57 10.2 9.0 13.4



#12
1,1-Dichloroethene
Concen: 17.181 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion: 96 Resp: 61428
Ion Ratio Lower Upper
96 100
61 162.3 143.8 215.8
98 65.5 52.1 78.1





#13

Acrolein

Concen: 78.965 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Instrument :

MSVOA_N

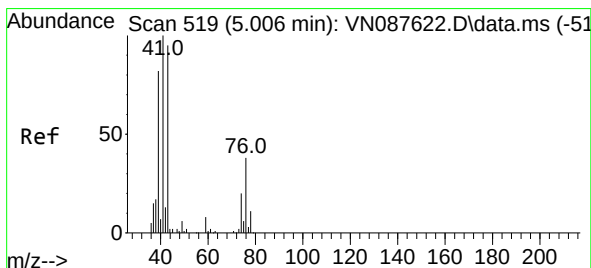
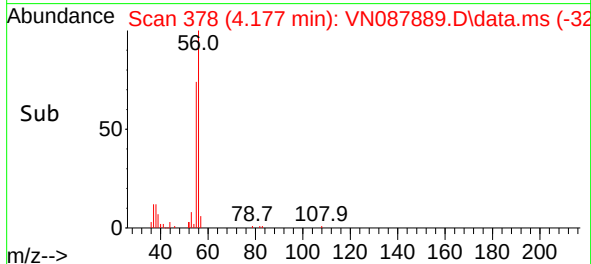
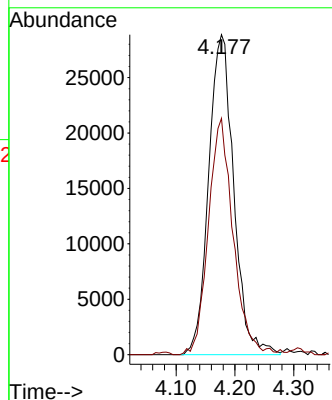
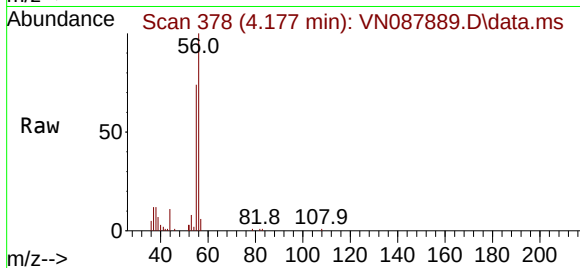
ClientSampleId :

Tgt Ion: 56 Resp: 85631

Ion Ratio Lower Upper

56 100

55 72.1 57.3 85.9



#14

Allyl chloride

Concen: 16.598 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.006 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

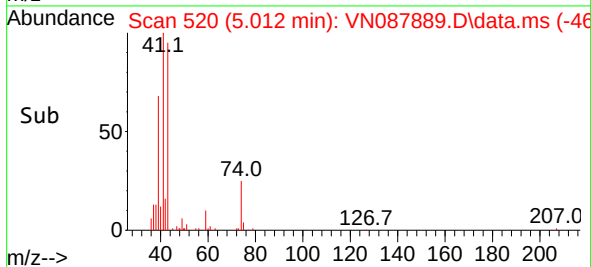
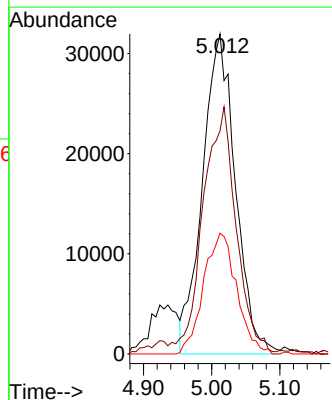
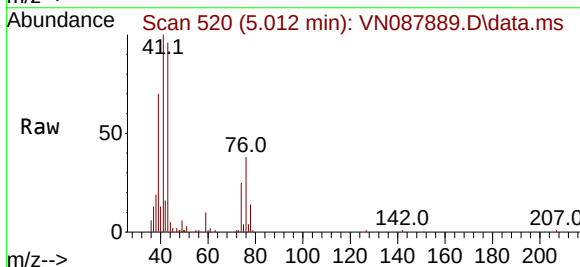
Tgt Ion: 41 Resp: 107539

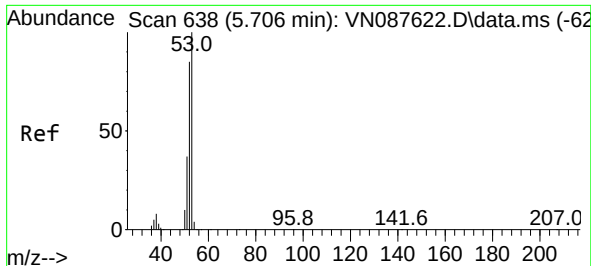
Ion Ratio Lower Upper

41 100

39 77.0 63.9 95.9

76 37.9 28.1 42.1

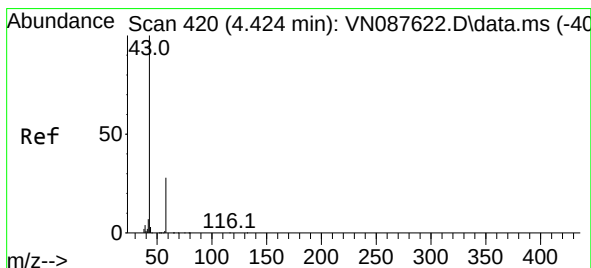
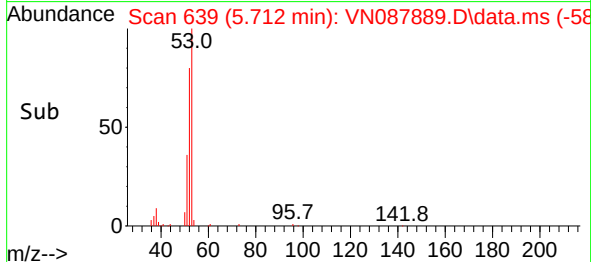
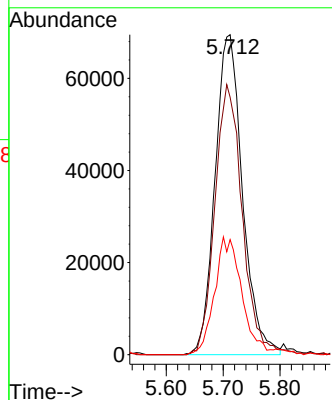
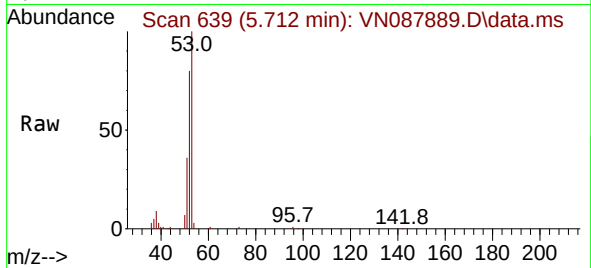




#15
Acrylonitrile
Concen: 93.847 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

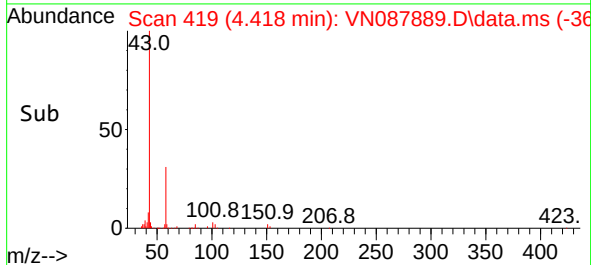
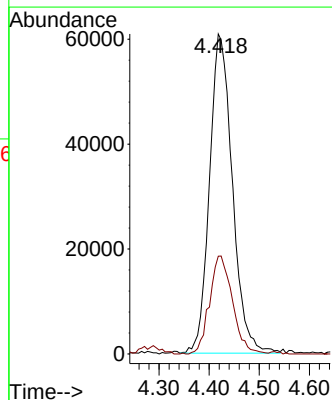
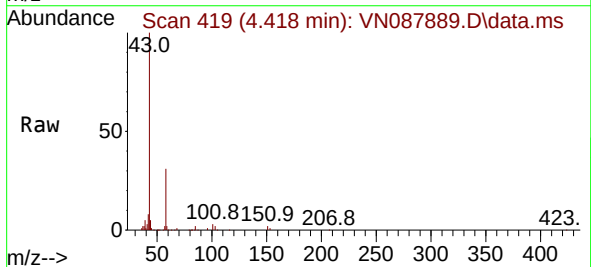
Instrument :
MSVOA_N
ClientSampleId :

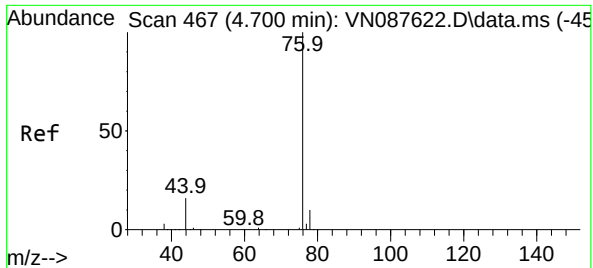
Tgt Ion: 53 Resp: 233463
Ion Ratio Lower Upper
53 100
52 84.4 67.6 101.4
51 36.4 30.1 45.1



#16
Acetone
Concen: 69.609 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion: 43 Resp: 192535
Ion Ratio Lower Upper
43 100
58 30.6 22.6 33.8

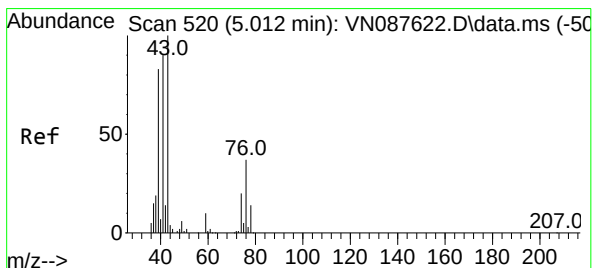
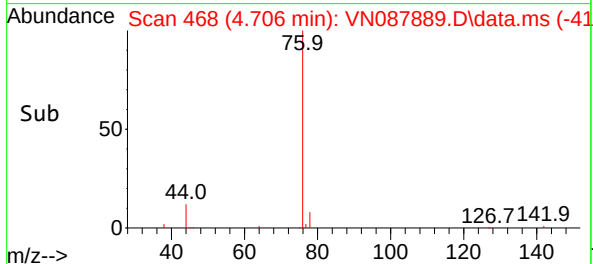
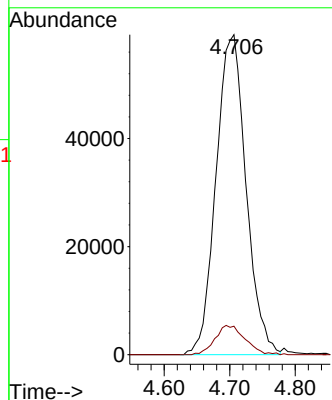
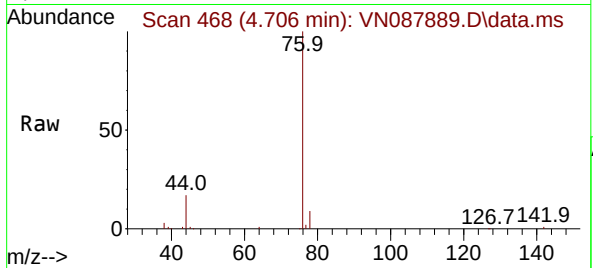




#17
Carbon Disulfide
Concen: 19.133 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

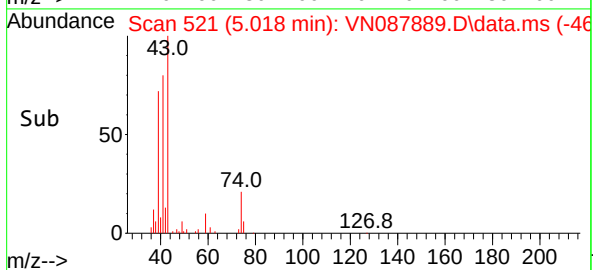
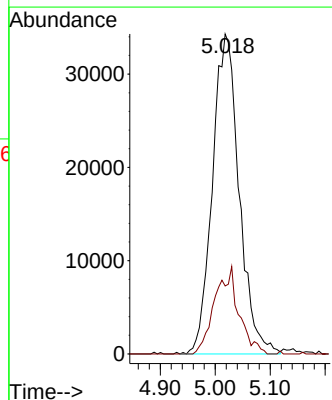
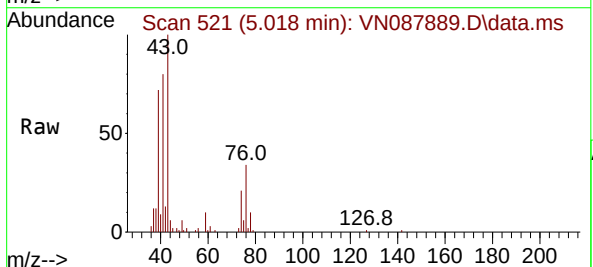
Instrument :
MSVOA_N
ClientSampleId :

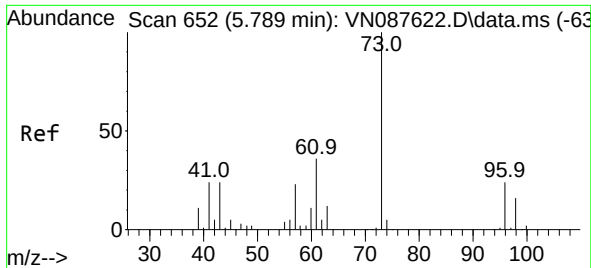
Tgt Ion: 76 Resp: 188322
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 20.002 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion: 43 Resp: 115840
Ion Ratio Lower Upper
43 100
74 24.6 17.6 26.4

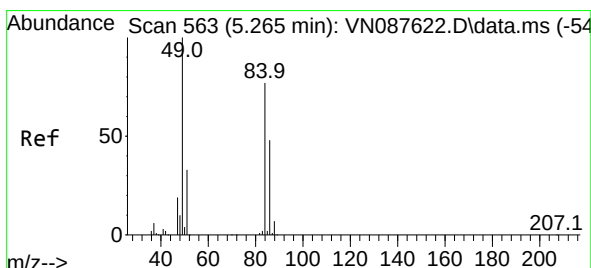
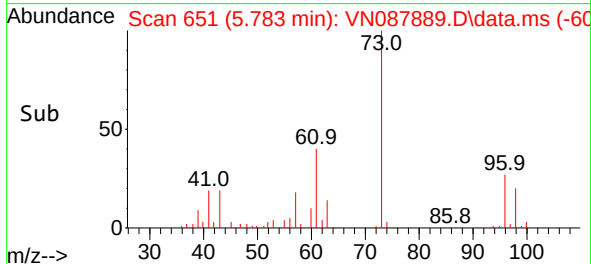
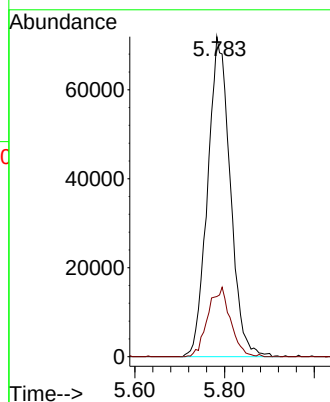
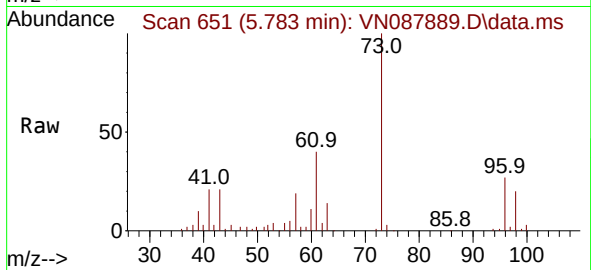




#19
Methyl tert-butyl Ether
Concen: 18.768 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

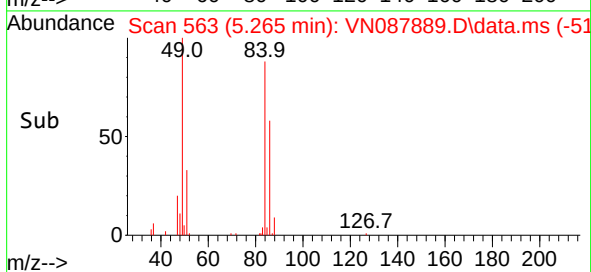
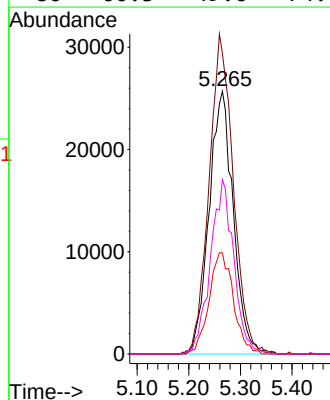
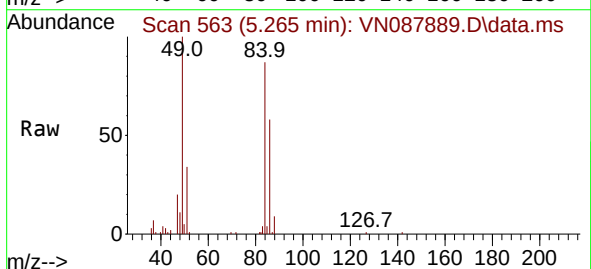
Instrument :
MSVOA_N
ClientSampleId :

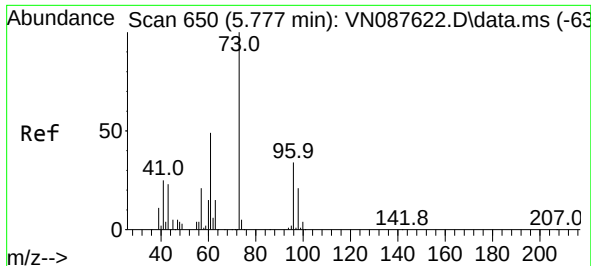
Tgt Ion: 73 Resp: 251732
Ion Ratio Lower Upper
73 100
57 18.8 18.4 27.6



#20
Methylene Chloride
Concen: 20.145 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion: 84 Resp: 83560
Ion Ratio Lower Upper
84 100
49 114.4 103.4 155.2
51 38.5 33.8 50.8
86 66.3 49.6 74.4

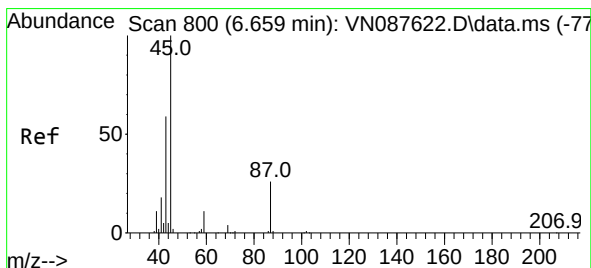
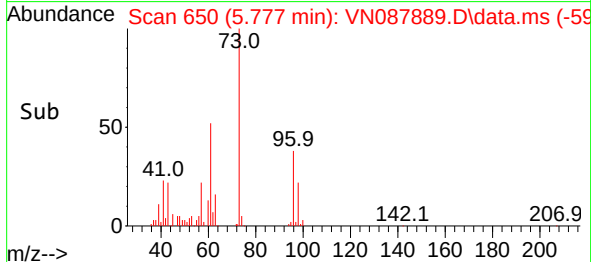
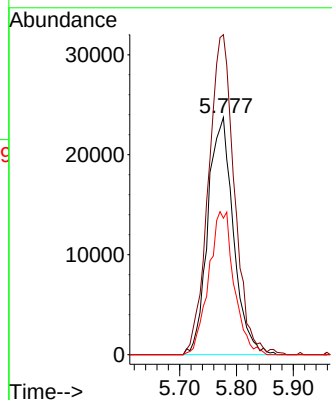
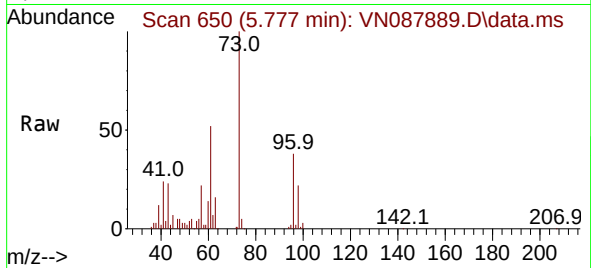




#21
trans-1,2-Dichloroethene
Concen: 19.066 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

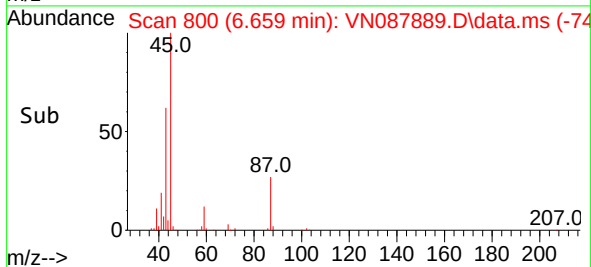
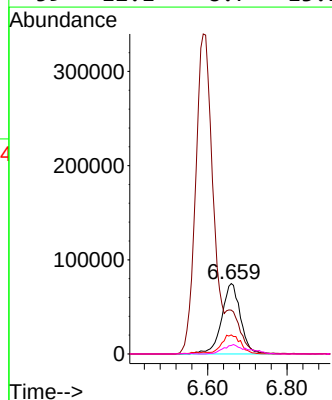
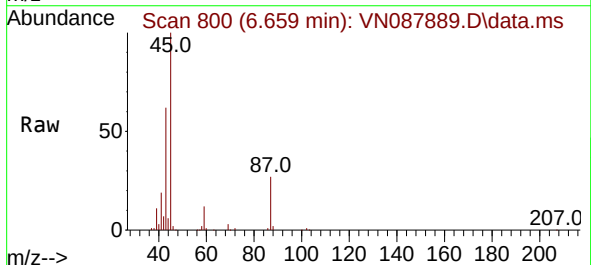
Instrument :
MSVOA_N
ClientSampleId :

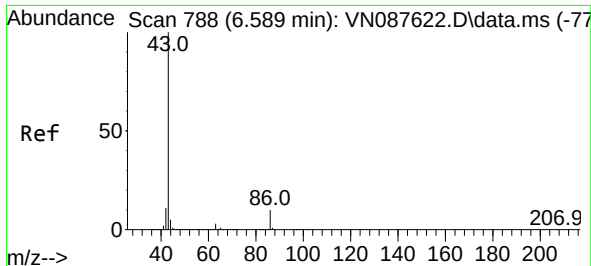
Tgt Ion: 96 Resp: 73879
Ion Ratio Lower Upper
96 100
61 134.9 118.0 177.0
98 57.5 50.0 75.0



#22
Diisopropyl ether
Concen: 17.619 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion: 45 Resp: 246344
Ion Ratio Lower Upper
45 100
43 61.6 47.7 71.5
87 27.0 21.4 32.0
59 12.1 8.7 13.1

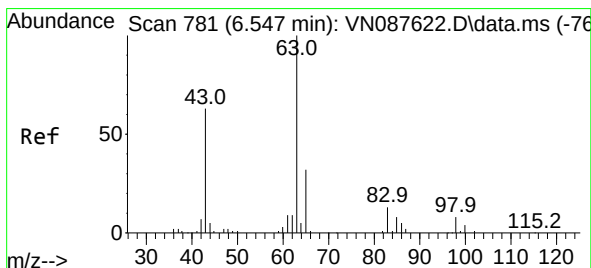
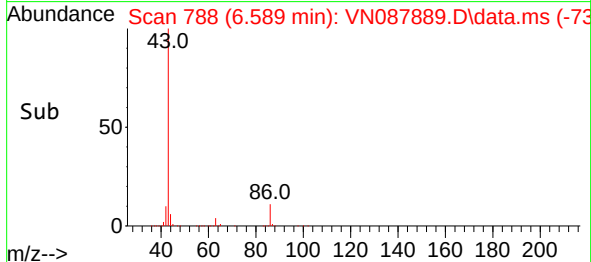
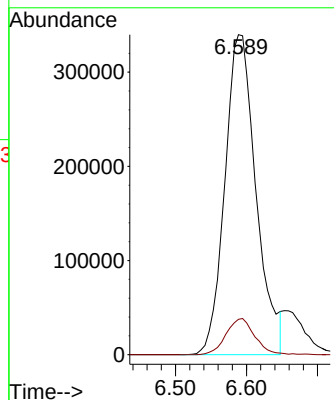
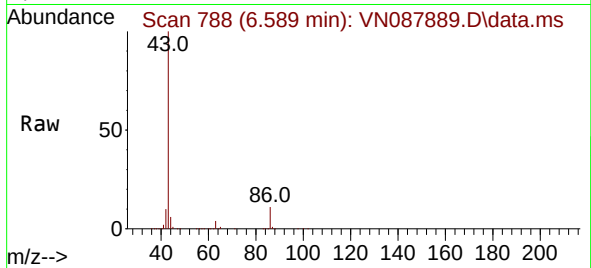




#23
 Vinyl Acetate
 Concen: 81.555 ug/l
 RT: 6.589 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN087889.D
 Acq: 18 Sep 2025 12:24

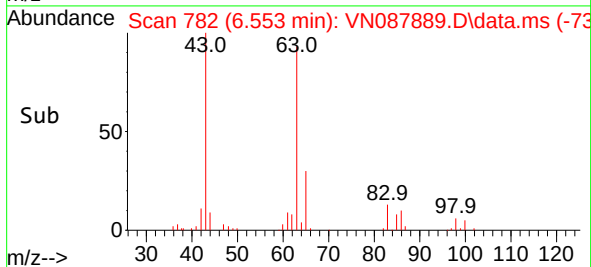
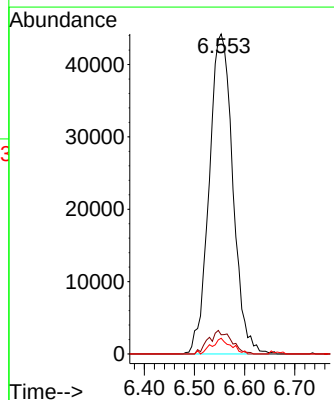
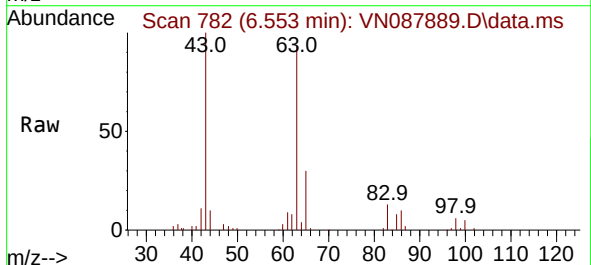
Instrument :
 MSVOA_N
 ClientSampleId :

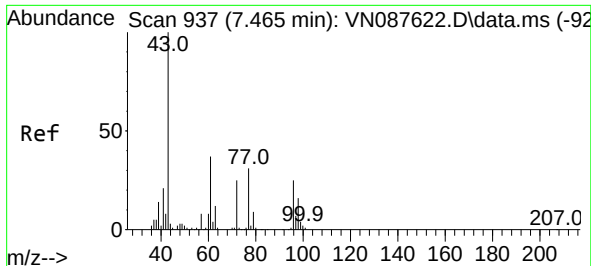
Tgt Ion: 43 Resp: 1037440
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 18.911 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087889.D
 Acq: 18 Sep 2025 12:24

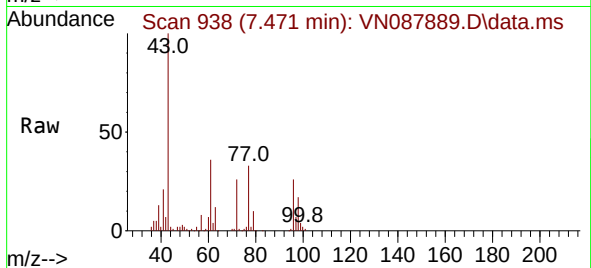
Tgt Ion: 63 Resp: 144974
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.8 11.4
 100 4.9 2.0 6.0



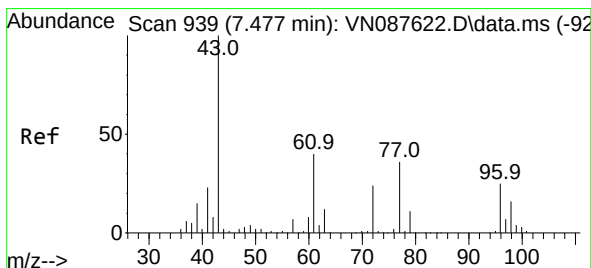
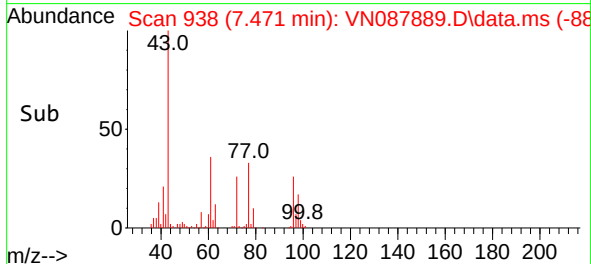
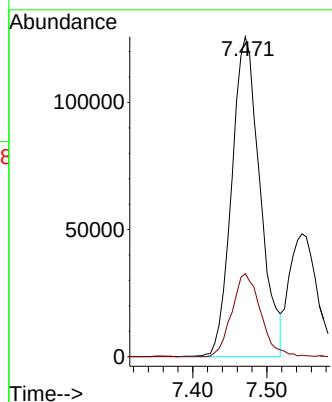


#25
2-Butanone
Concen: 91.673 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Instrument :
MSVOA_N
ClientSampleId :

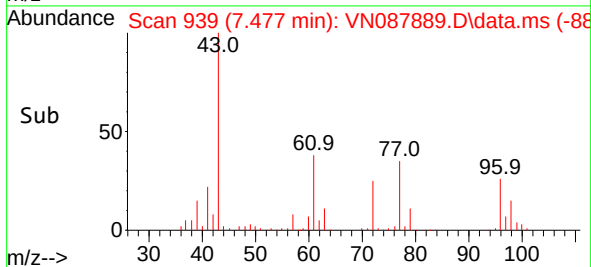
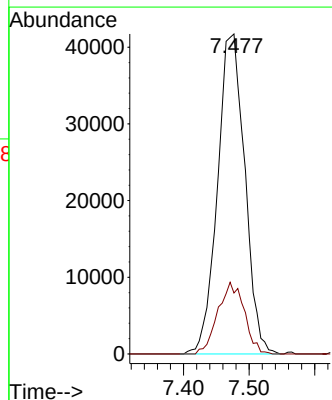
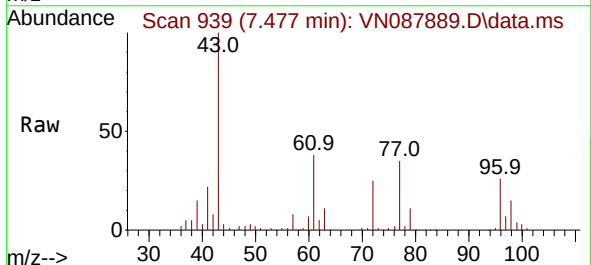


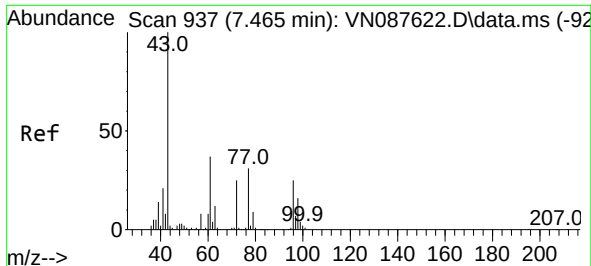
Tgt Ion: 43 Resp: 333596
Ion Ratio Lower Upper
43 100
72 26.0 19.9 29.9



#26
2,2-Dichloropropane
Concen: 18.329 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

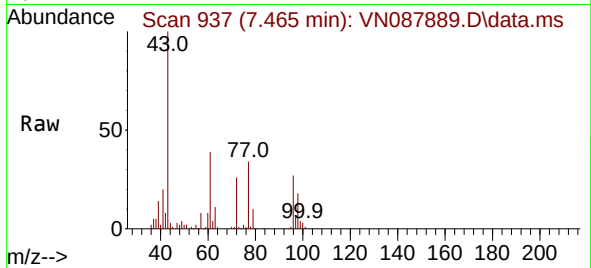
Tgt Ion: 77 Resp: 120598
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.7



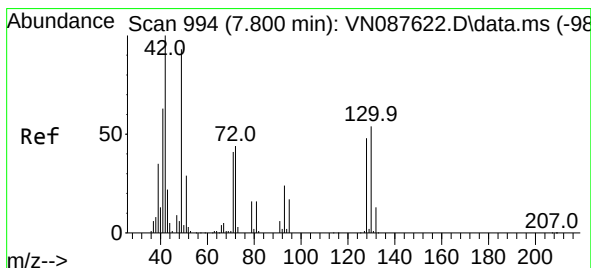
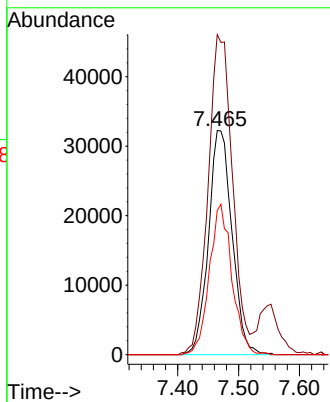
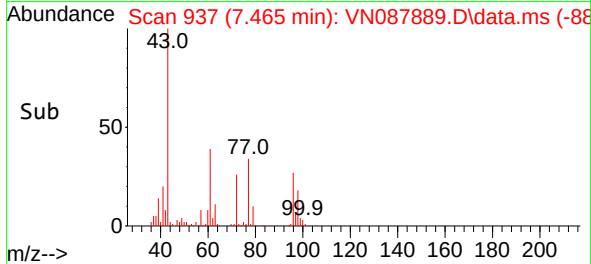


#27
 cis-1,2-Dichloroethene
 Concen: 18.759 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN087889.D
 Acq: 18 Sep 2025 12:24

Instrument :
 MSVOA_N
 ClientSampleId :

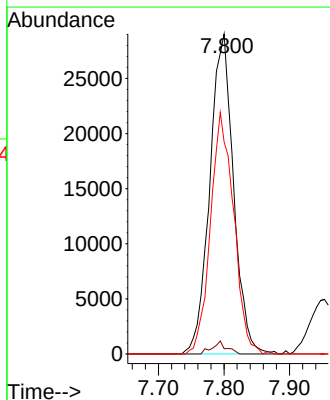
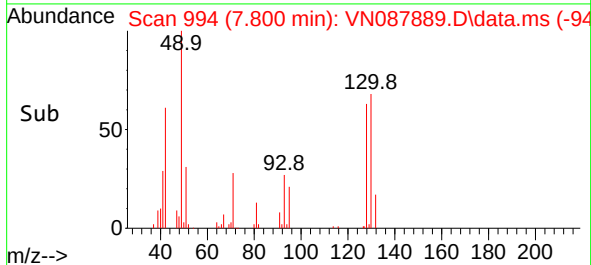
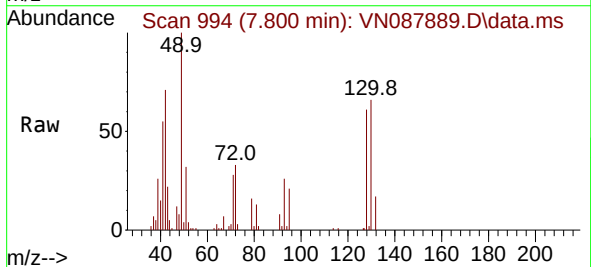


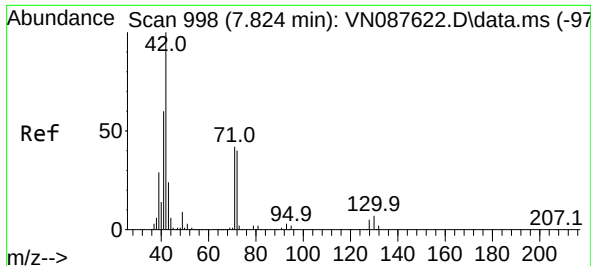
Tgt Ion: 96 Resp: 86902
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 301.8
 98 64.1 0.0 126.2



#28
 Bromochloromethane
 Concen: 19.708 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN087889.D
 Acq: 18 Sep 2025 12:24

Tgt Ion: 49 Resp: 73042
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 3.0
 130 73.9 53.1 79.7





#29

Tetrahydrofuran

Concen: 87.649 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

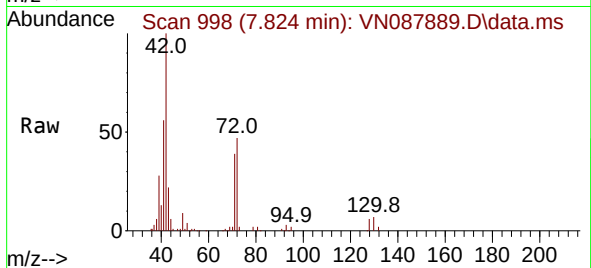
Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Instrument :

MSVOA_N

ClientSampleId :



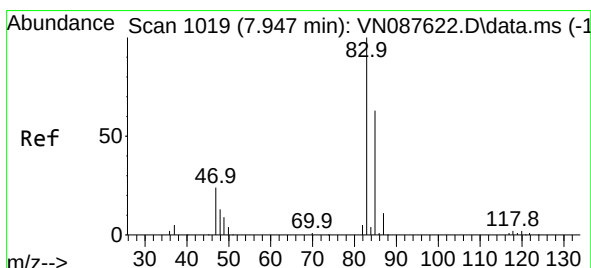
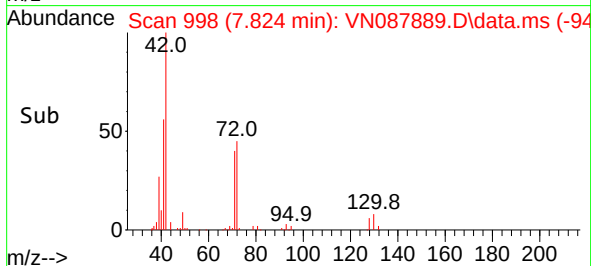
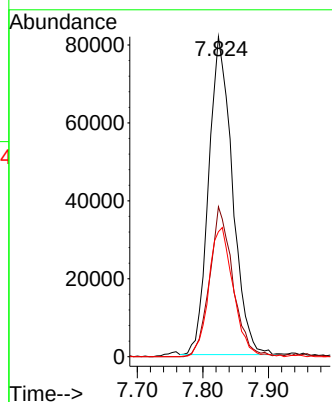
Tgt Ion: 42 Resp: 205264

Ion Ratio Lower Upper

42 100

72 46.0 33.7 50.5

71 42.2 31.9 47.9



#30

Chloroform

Concen: 19.094 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087889.D

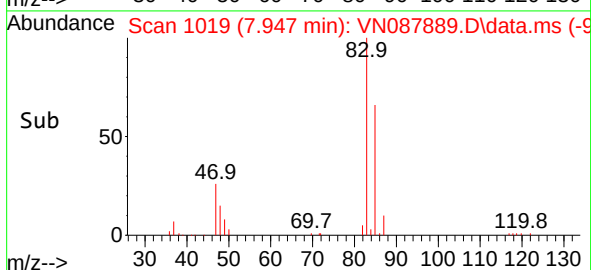
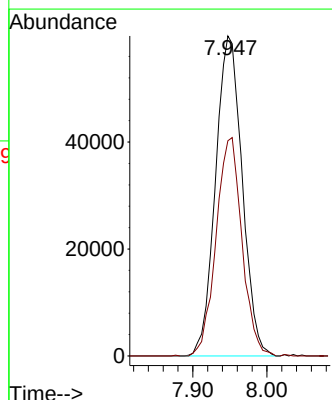
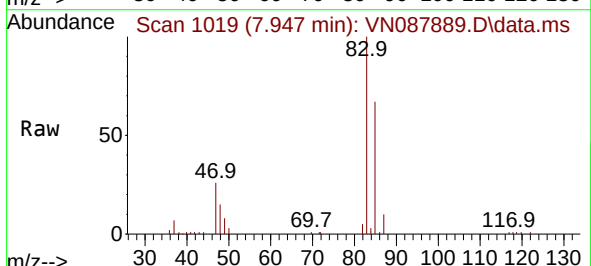
Acq: 18 Sep 2025 12:24

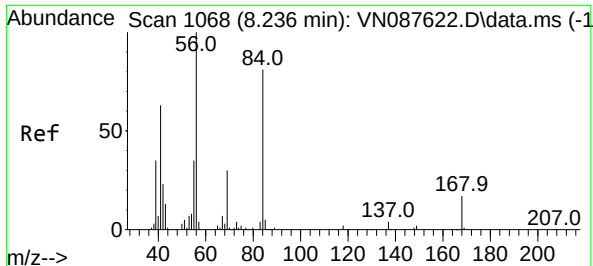
Tgt Ion: 83 Resp: 149408

Ion Ratio Lower Upper

83 100

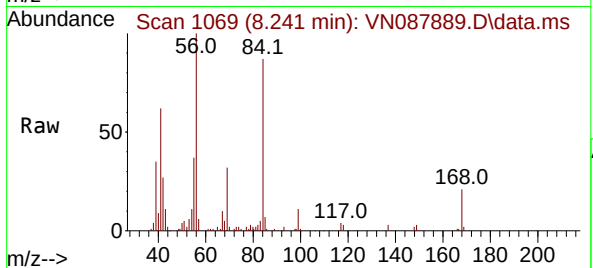
85 67.2 50.7 76.1



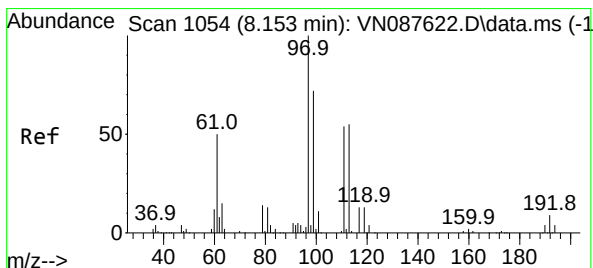
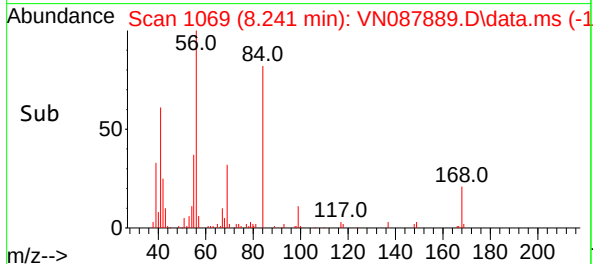
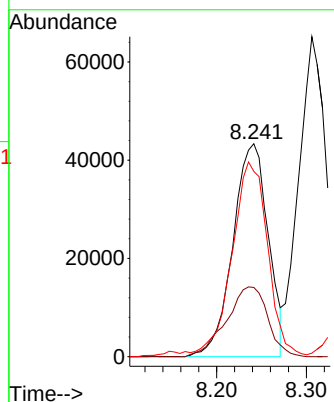


#31
Cyclohexane
Concen: 18.501 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Instrument :
MSVOA_N
ClientSampleId :

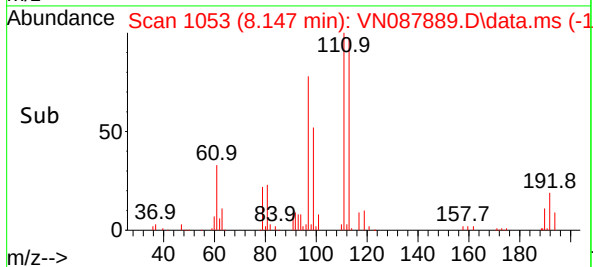
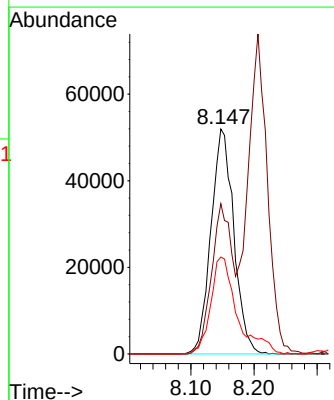
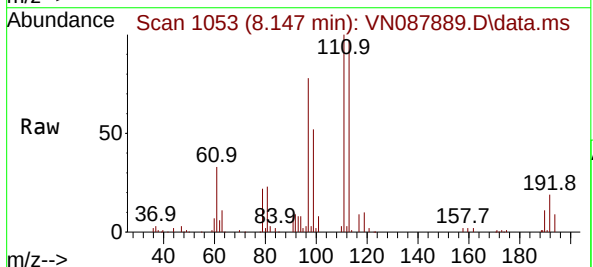


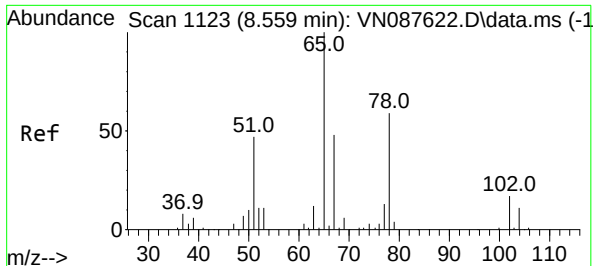
Tgt Ion: 56 Resp: 118242
Ion Ratio Lower Upper
56 100
69 32.5 23.7 35.5
84 85.5 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 19.680 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion: 97 Resp: 130505
Ion Ratio Lower Upper
97 100
99 59.6 52.2 78.2
61 49.6 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 43.493 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Instrument :

MSVOA_N

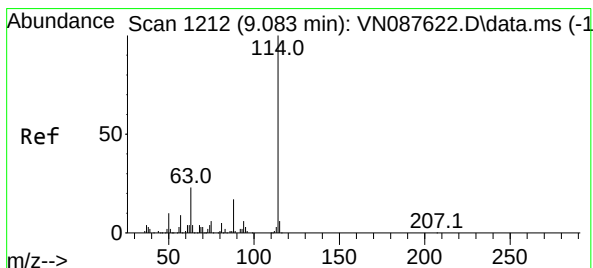
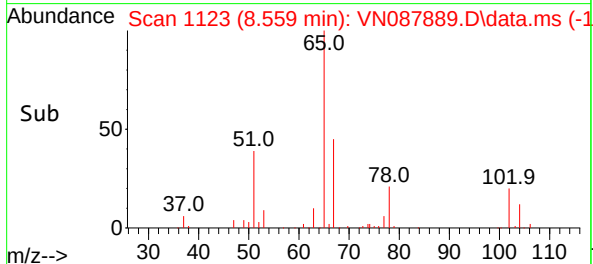
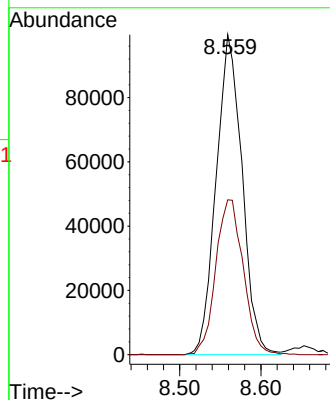
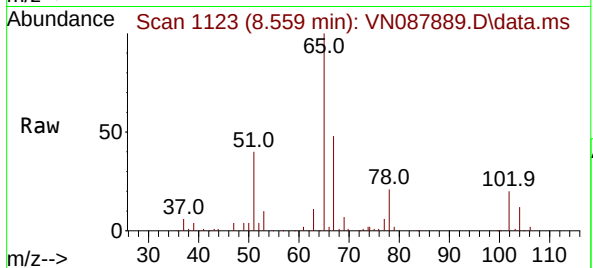
ClientSampleId :

Tgt Ion: 65 Resp: 220990

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

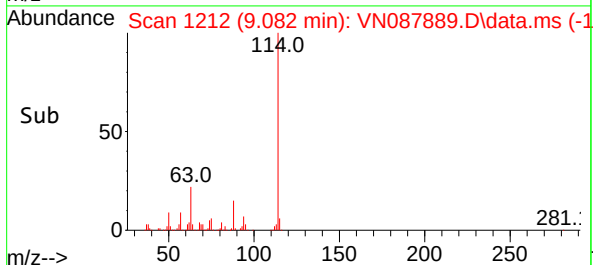
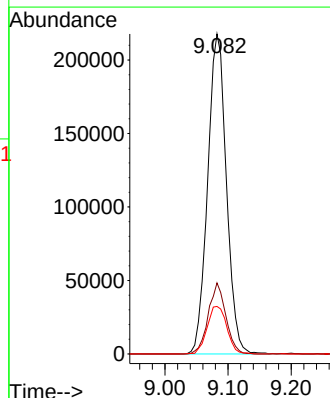
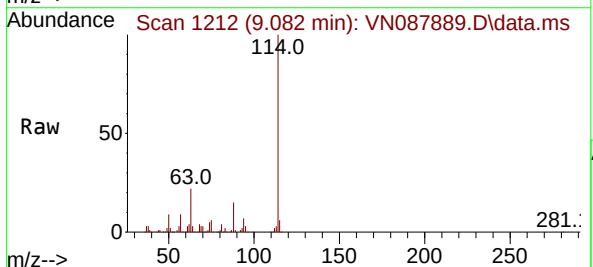
Tgt Ion: 114 Resp: 449383

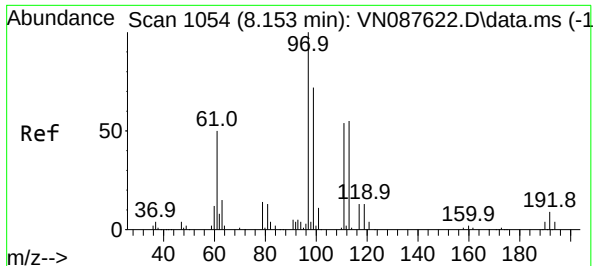
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.2

88 14.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.343 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Instrument :

MSVOA_N

ClientSampleId :

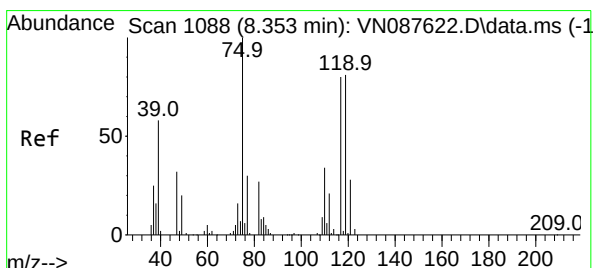
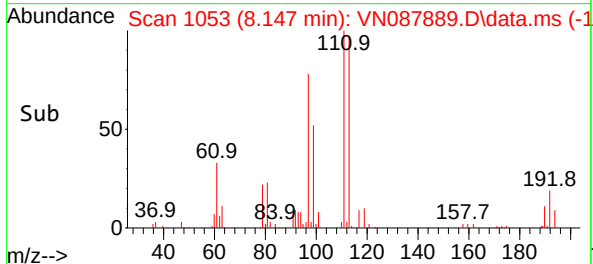
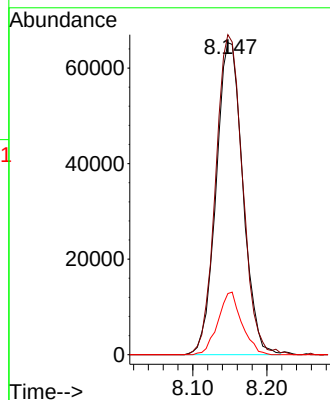
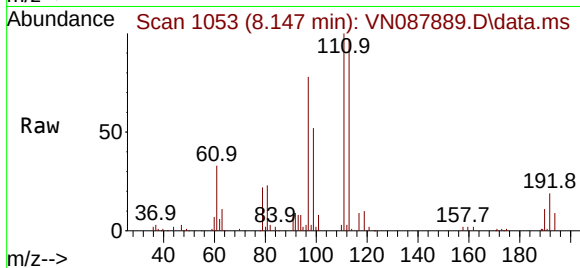
Tgt Ion:113 Resp: 163340

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 17.9 12.8 19.2



#36

1,1-Dichloropropene

Concen: 19.569 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

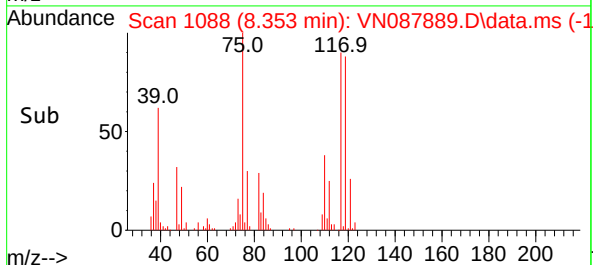
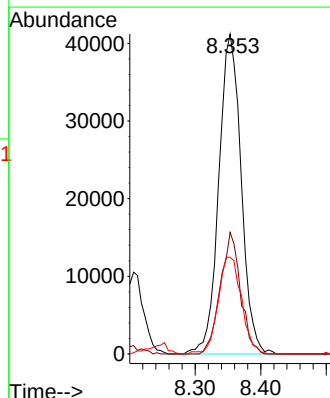
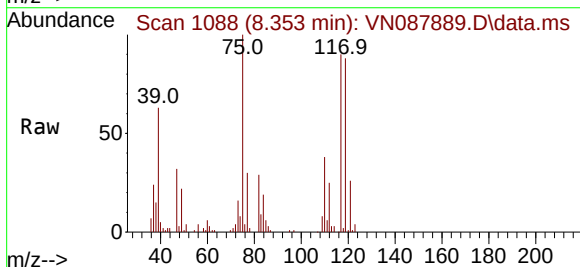
Tgt Ion: 75 Resp: 97406

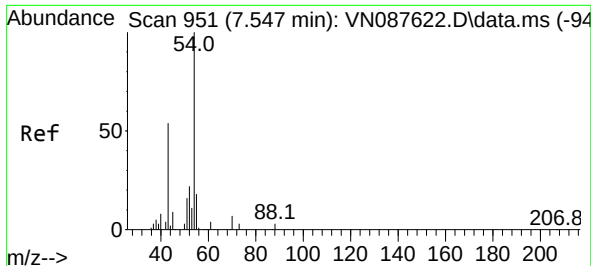
Ion Ratio Lower Upper

75 100

110 34.4 15.9 47.6

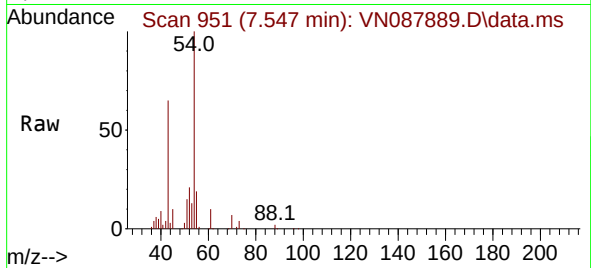
77 31.6 24.4 36.6



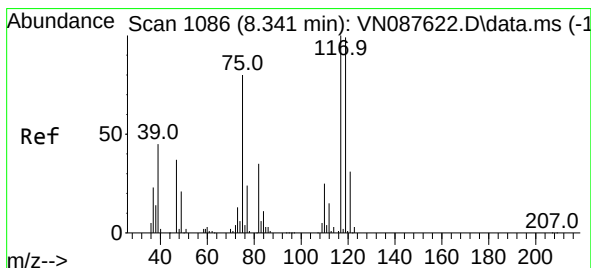
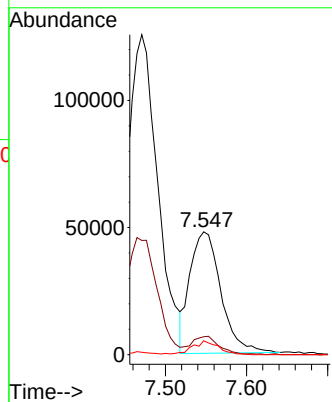
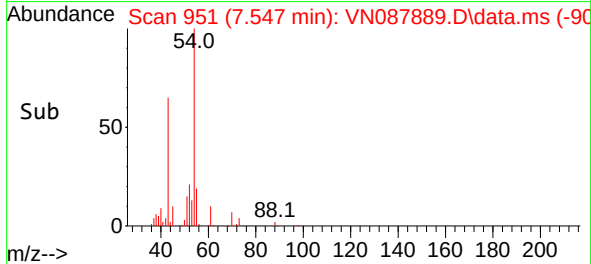


#37
Ethyl Acetate
Concen: 18.655 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Instrument :
MSVOA_N
ClientSampleId :

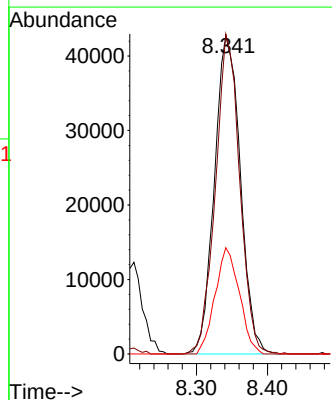
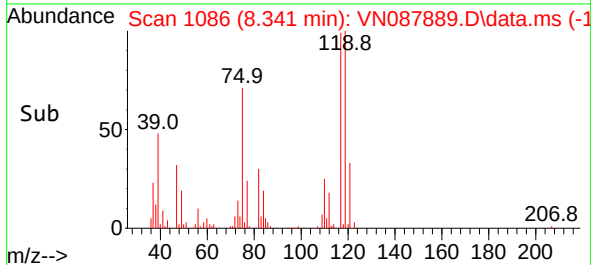
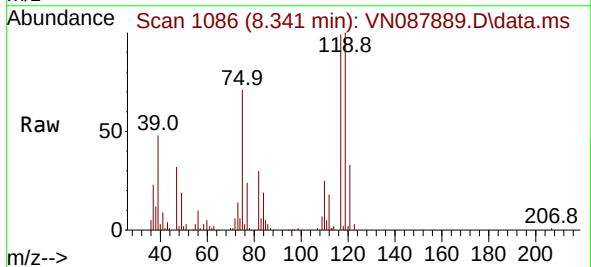


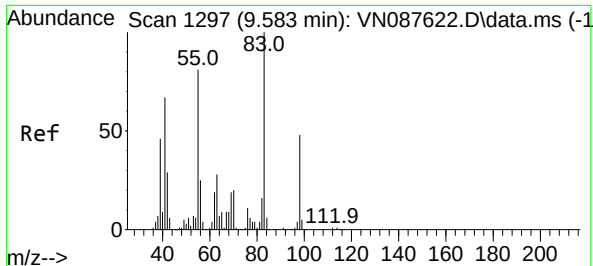
Tgt Ion: 43 Resp: 126884
Ion Ratio Lower Upper
43 100
61 13.1 9.3 13.9
70 9.5 7.0 10.6



#38
Carbon Tetrachloride
Concen: 21.988 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion: 117 Resp: 108060
Ion Ratio Lower Upper
117 100
119 100.7 79.0 118.6
121 33.4 25.0 37.6





#39

Methylcyclohexane

Concen: 21.024 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Instrument :

MSVOA_N

ClientSampleId :

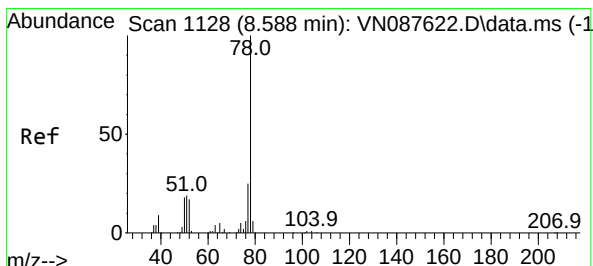
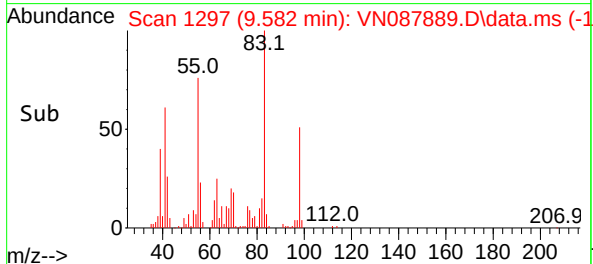
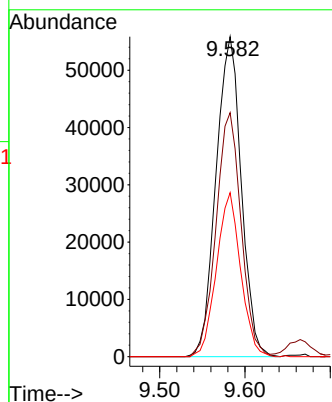
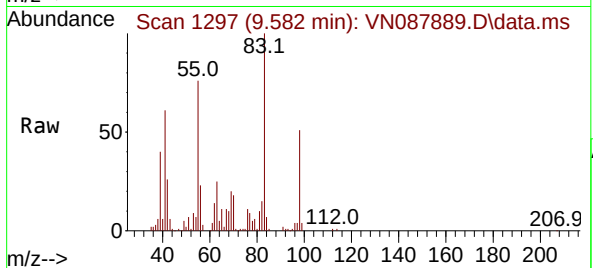
Tgt Ion: 83 Resp: 115212

Ion Ratio Lower Upper

83 100

55 76.3 64.6 96.8

98 51.2 38.4 57.6



#40

Benzene

Concen: 20.418 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087889.D

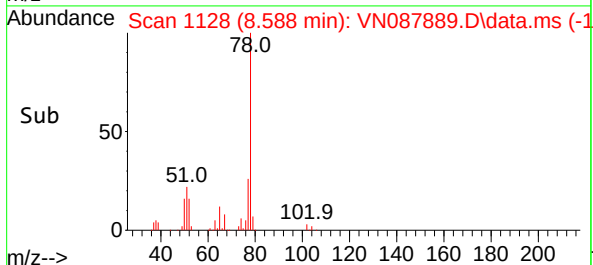
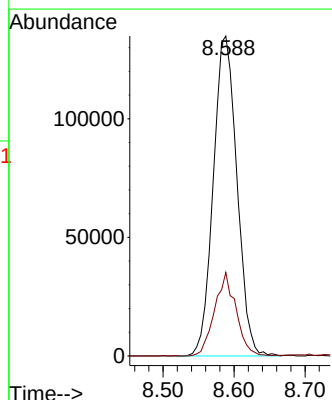
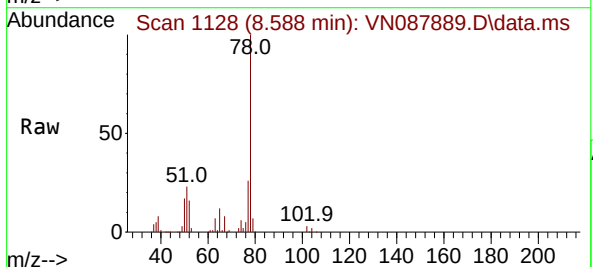
Acq: 18 Sep 2025 12:24

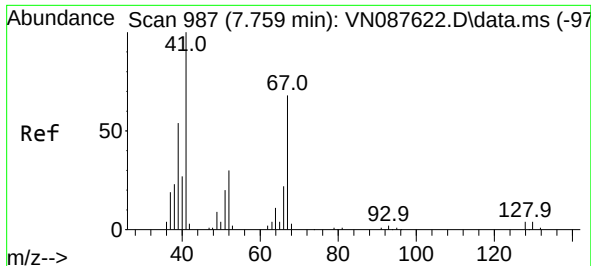
Tgt Ion: 78 Resp: 311718

Ion Ratio Lower Upper

78 100

77 26.1 19.7 29.5

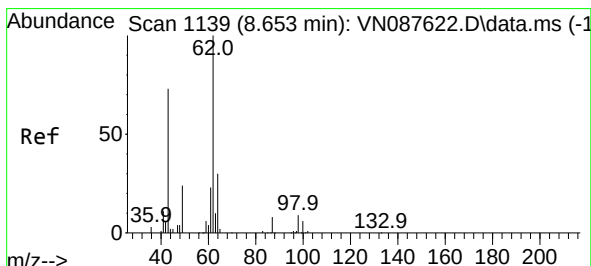
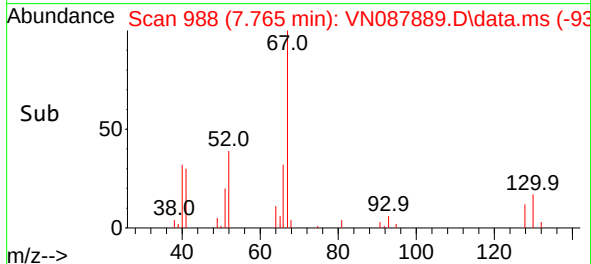
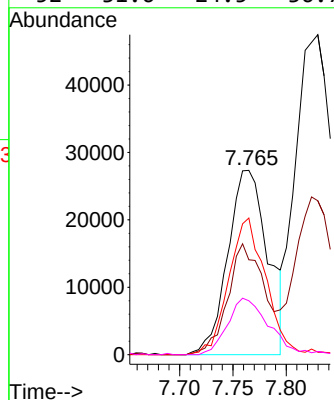
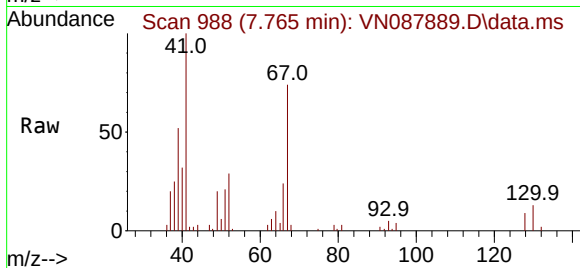




#41
Methacrylonitrile
Concen: 20.347 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

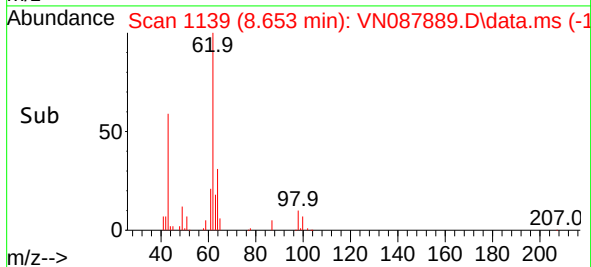
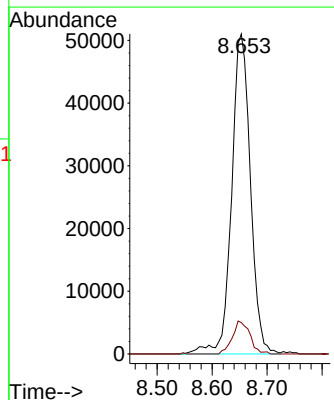
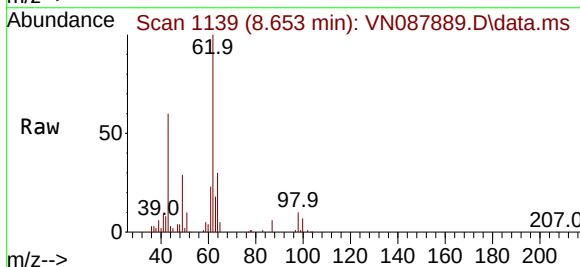
Instrument :
MSVOA_N
ClientSampleId :

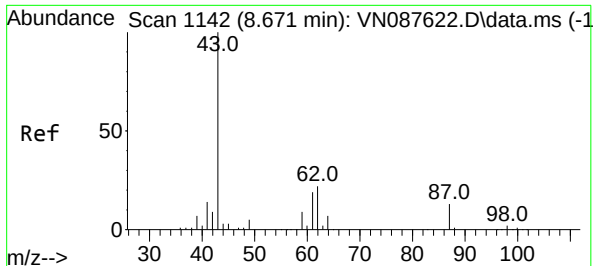
Tgt Ion: 41	Resp: 71687
Ion Ratio	Lower Upper
41 100	
39 53.4	45.4 68.0
67 68.0	55.3 82.9
52 31.6	24.5 36.7



#42
1,2-Dichloroethane
Concen: 20.668 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion: 62	Resp: 121255
Ion Ratio	Lower Upper
62 100	
98 9.6	0.0 17.4





#43

Isopropyl Acetate

Concen: 19.298 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Instrument :

MSVOA_N

ClientSampleId :

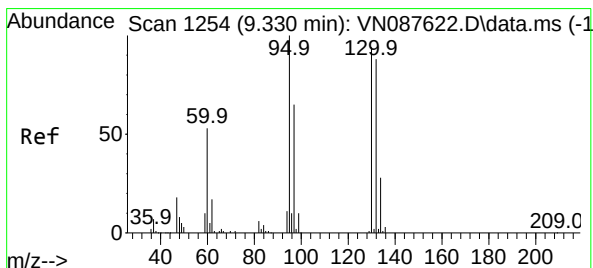
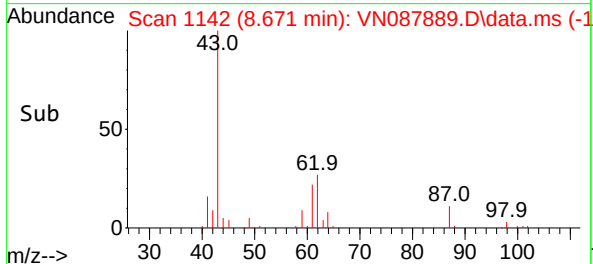
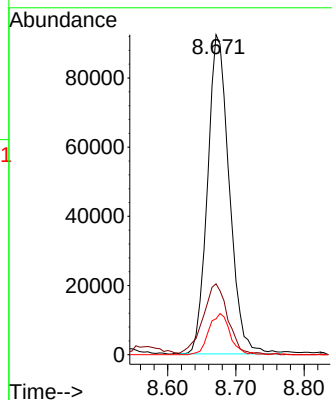
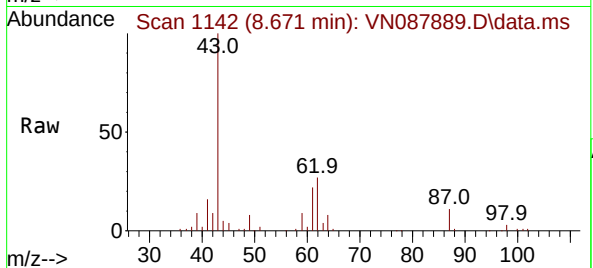
Tgt Ion: 43 Resp: 204929

Ion Ratio Lower Upper

43 100

61 25.6 18.8 28.2

87 12.6 9.6 14.4



#44

Trichloroethene

Concen: 21.547 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.006 min

Lab File: VN087889.D

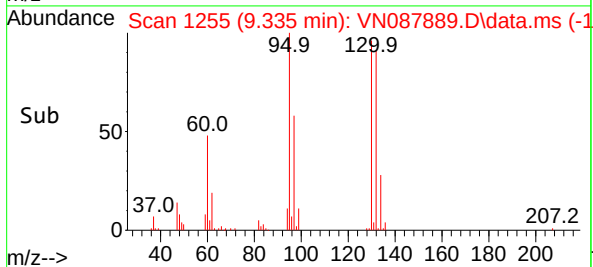
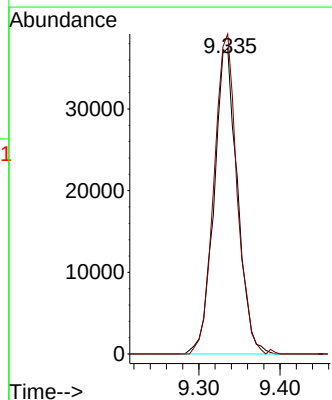
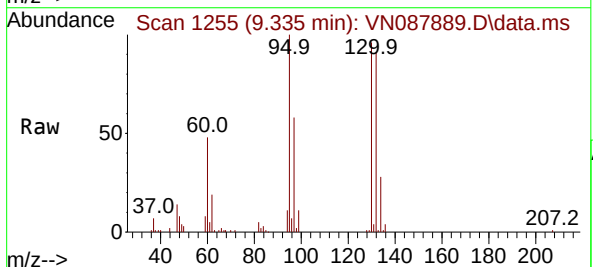
Acq: 18 Sep 2025 12:24

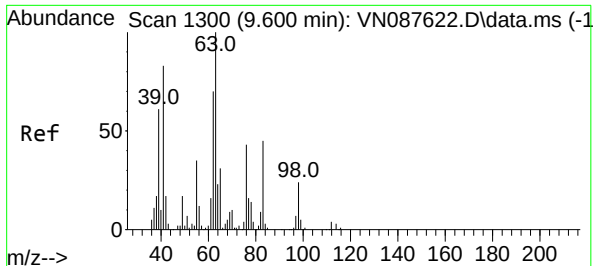
Tgt Ion:130 Resp: 75101

Ion Ratio Lower Upper

130 100

95 104.6 0.0 212.0





#45

1,2-Dichloropropane

Concen: 19.523 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Instrument :

MSVOA_N

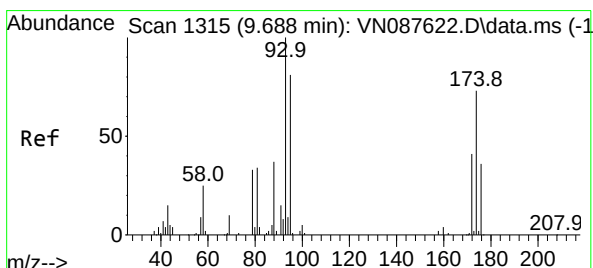
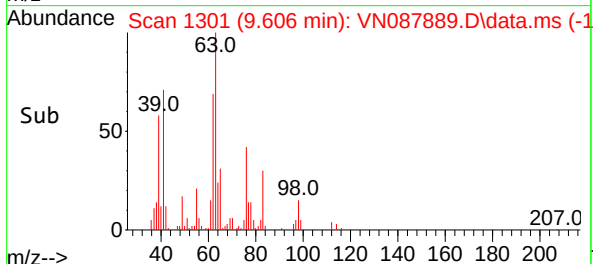
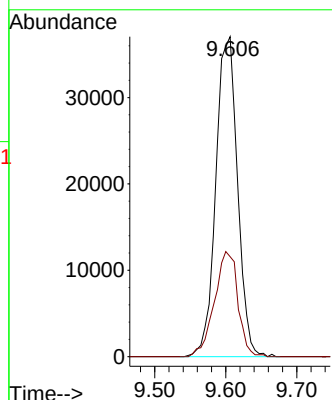
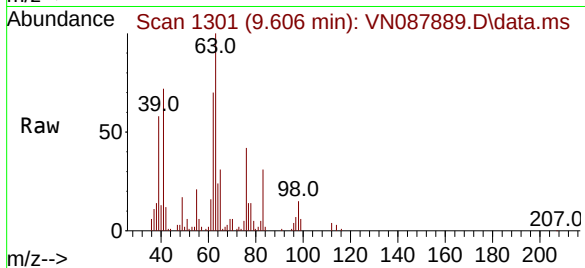
ClientSampleId :

Tgt Ion: 63 Resp: 78565

Ion Ratio Lower Upper

63 100

65 31.2 25.0 37.4



#46

Dibromomethane

Concen: 21.421 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

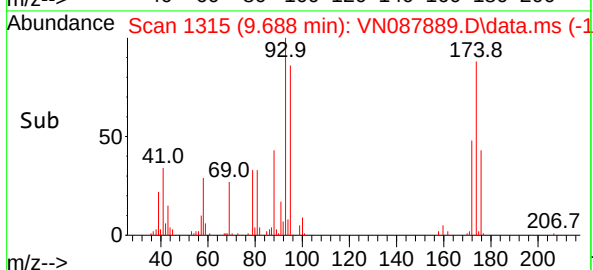
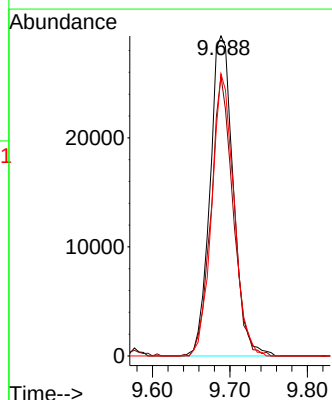
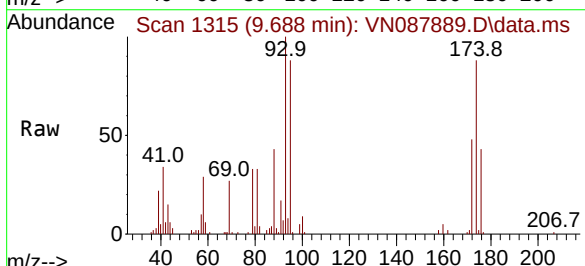
Tgt Ion: 93 Resp: 61343

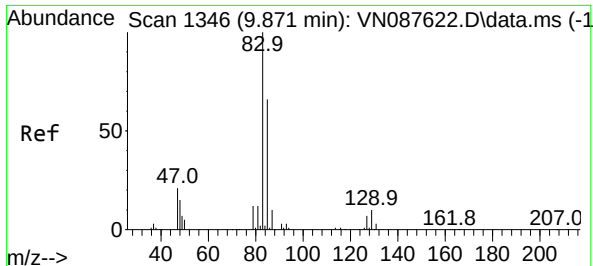
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

174 83.9 63.4 95.2

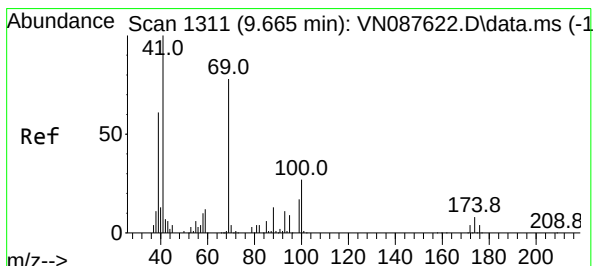
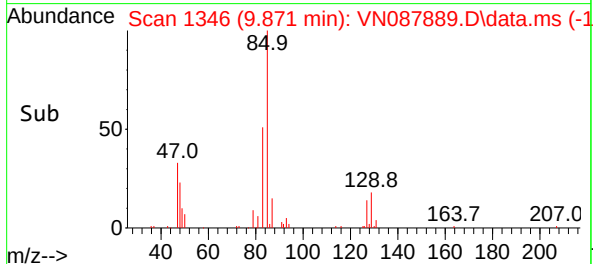
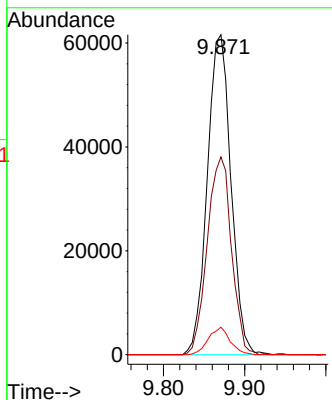
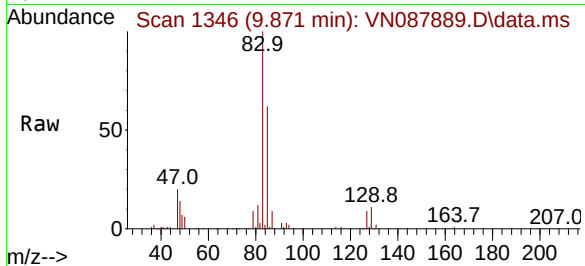




#47
Bromodichloromethane
Concen: 21.294 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

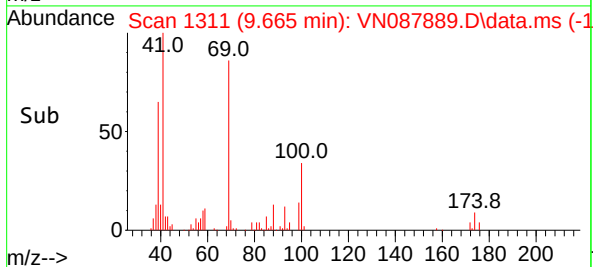
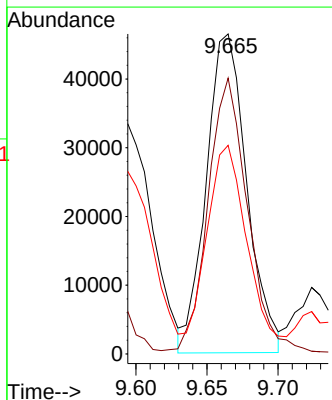
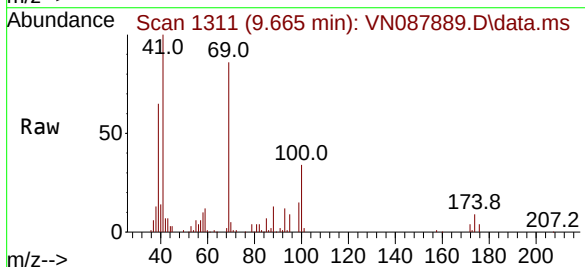
Instrument :
MSVOA_N
ClientSampleId :

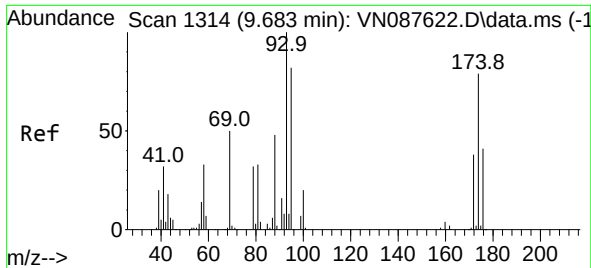
Tgt Ion: 83 Resp: 124974
Ion Ratio Lower Upper
83 100
85 61.8 52.5 78.7
127 8.6 5.8 8.6



#48
Methyl methacrylate
Concen: 18.325 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

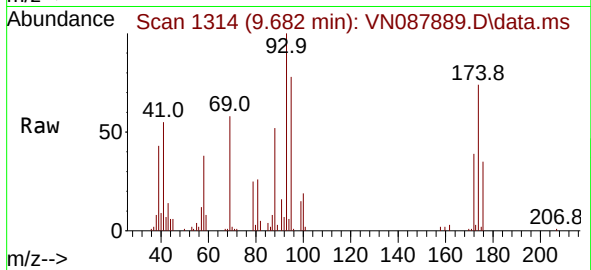
Tgt Ion: 41 Resp: 92043
Ion Ratio Lower Upper
41 100
69 85.7 62.7 94.1
39 66.8 52.9 79.3



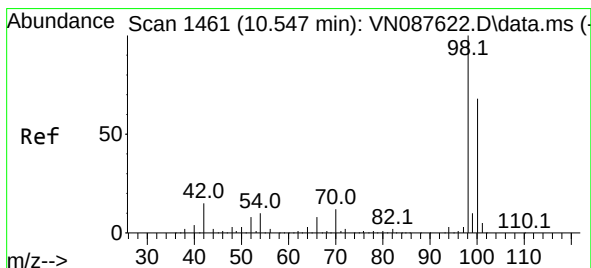
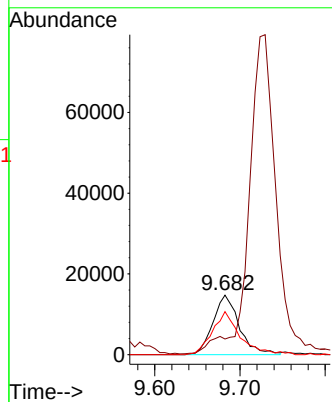
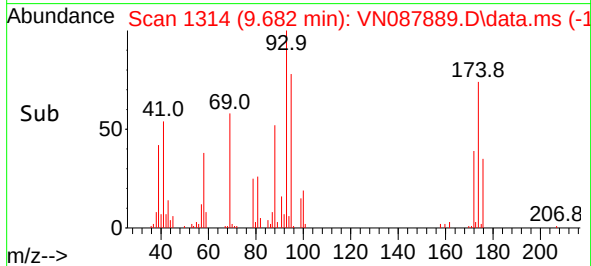


#49
1,4-Dioxane
Concen: 486.942 ug/l
RT: 9.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Instrument :
MSVOA_N
ClientSampleId :

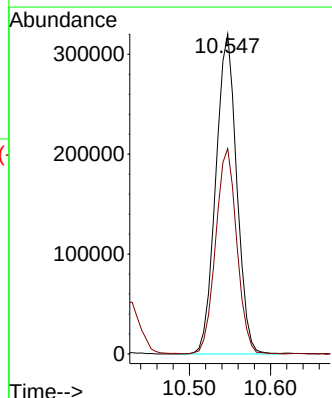
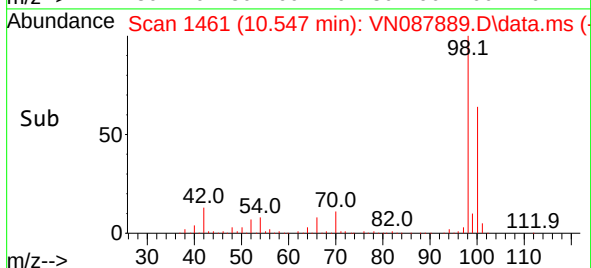
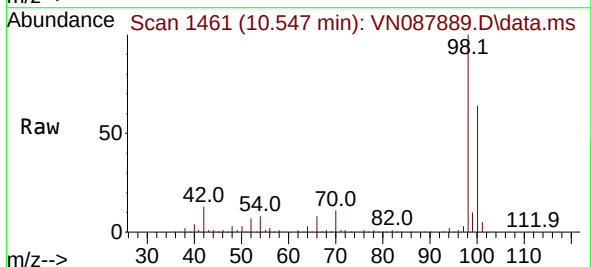


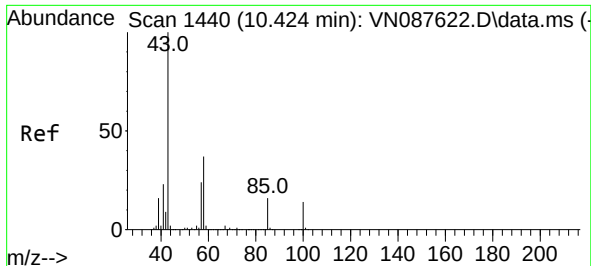
Tgt Ion: 88 Resp: 31702
Ion Ratio Lower Upper
88 100
43 19.8 0.0 0.0#
58 76.3 57.9 86.9



#50
Toluene-d8
Concen: 47.359 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion: 98 Resp: 575111
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2

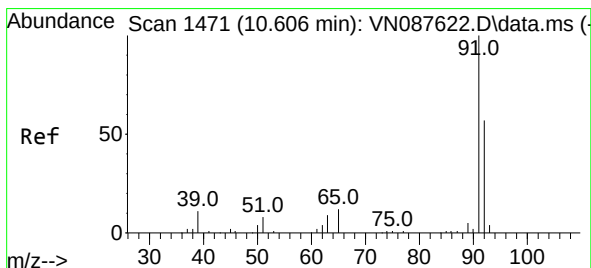
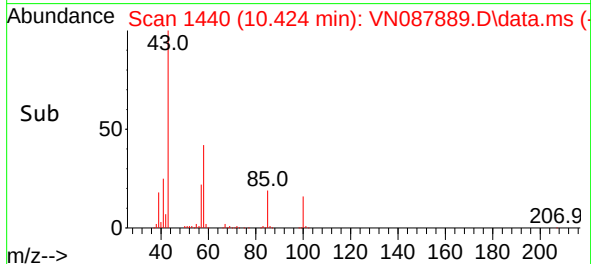
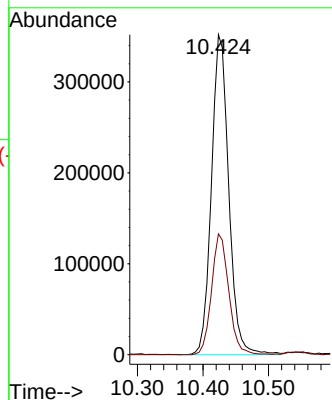
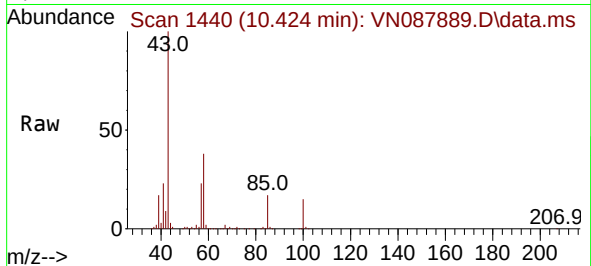




#51
4-Methyl-2-Pentanone
Concen: 100.600 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

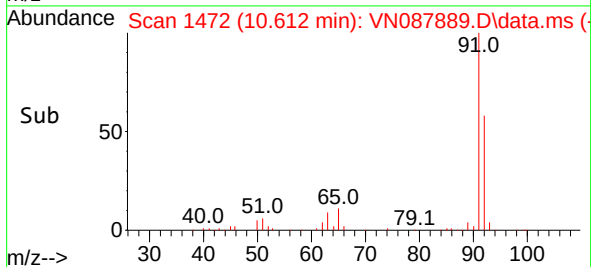
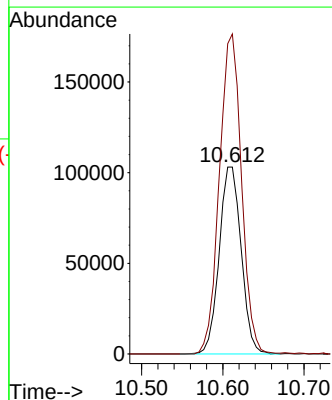
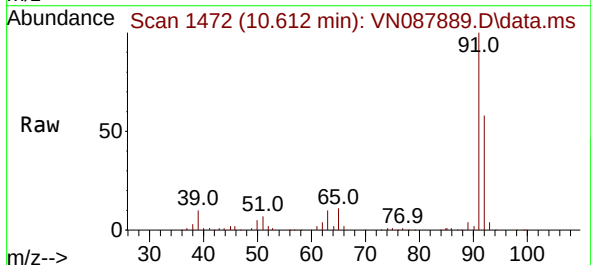
Instrument :
MSVOA_N
ClientSampleId :

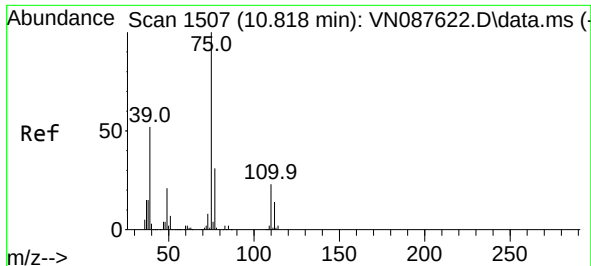
Tgt Ion: 43 Resp: 644545
Ion Ratio Lower Upper
43 100
58 37.6 29.6 44.4



#52
Toluene
Concen: 20.494 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion: 92 Resp: 193968
Ion Ratio Lower Upper
92 100
91 172.4 140.4 210.6

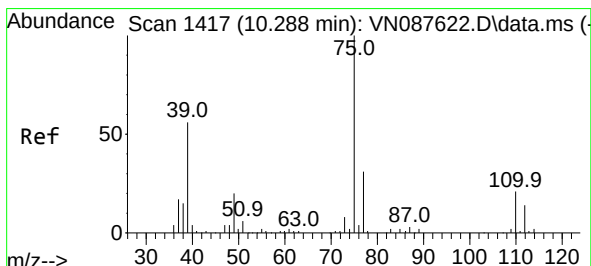
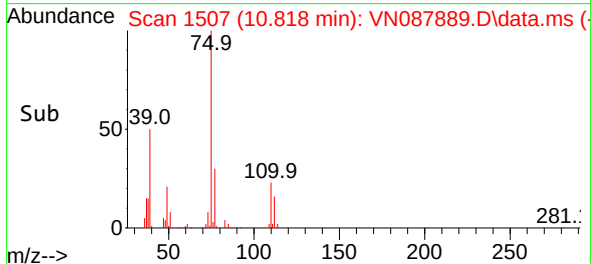
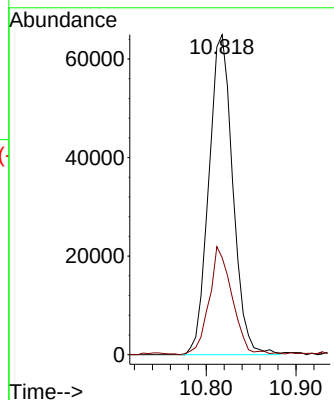
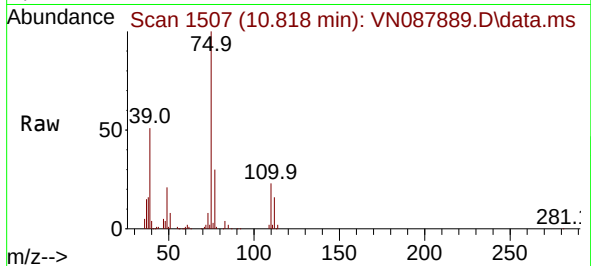




#53
 t-1,3-Dichloropropene
 Concen: 19.858 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087889.D
 Acq: 18 Sep 2025 12:24

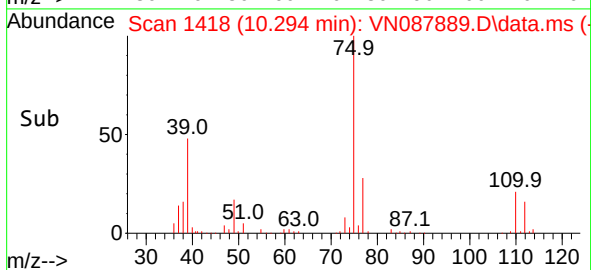
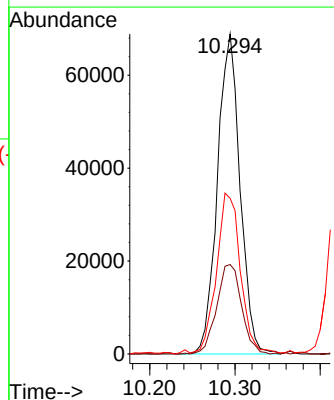
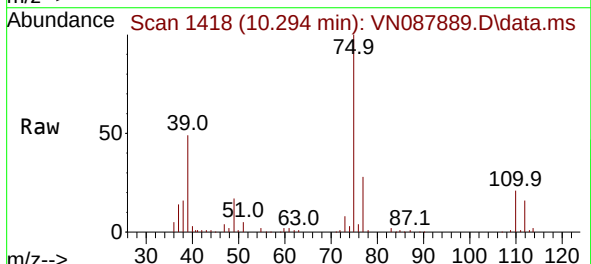
Instrument :
 MSVOA_N
 ClientSampleId :

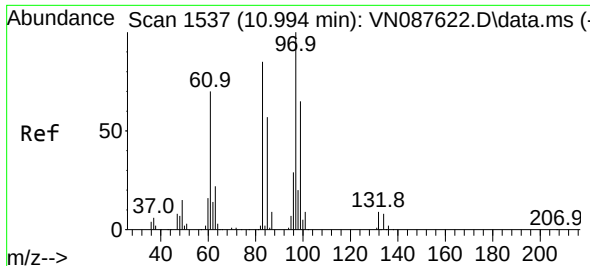
Tgt Ion: 75 Resp: 120636
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.117 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087889.D
 Acq: 18 Sep 2025 12:24

Tgt Ion: 75 Resp: 126892
 Ion Ratio Lower Upper
 75 100
 77 28.0 24.6 37.0
 39 48.3 45.2 67.8

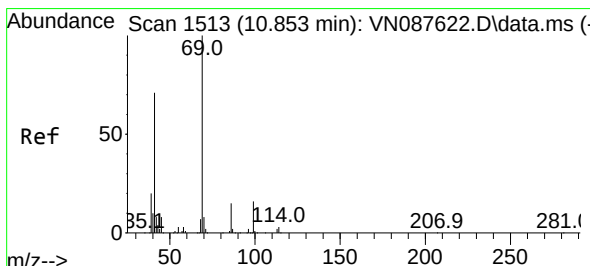
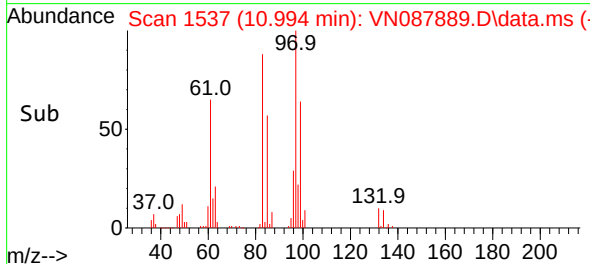
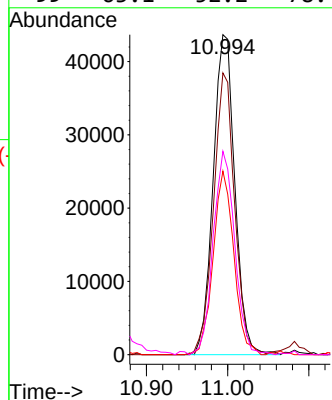
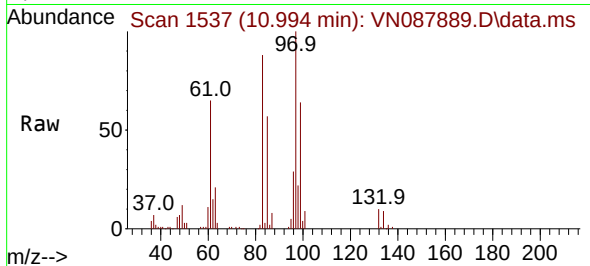




#55
1,1,2-Trichloroethane
Concen: 22.161 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

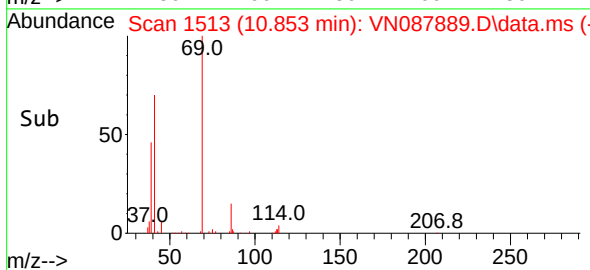
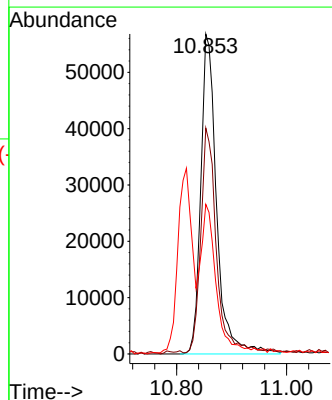
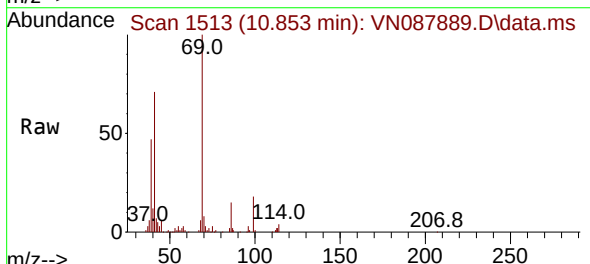
Instrument :
MSVOA_N
ClientSampleId :

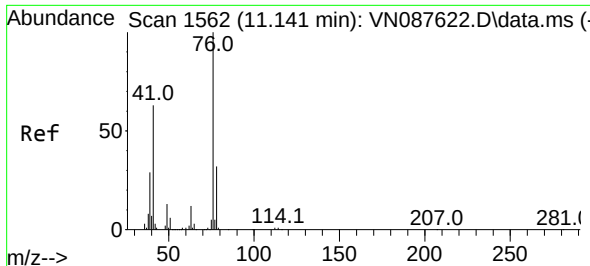
Tgt Ion:	97	Resp:	81139
Ion	Ratio	Lower	Upper
97	100		
83	88.1	68.2	102.4
85	57.4	45.5	68.3
99	63.1	52.2	78.4



#56
Ethyl methacrylate
Concen: 19.422 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion:	69	Resp:	113642
Ion	Ratio	Lower	Upper
69	100		
41	68.9	56.5	84.7
39	43.1	34.2	51.4





#57

1,3-Dichloropropane

Concen: 20.403 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Instrument :

MSVOA_N

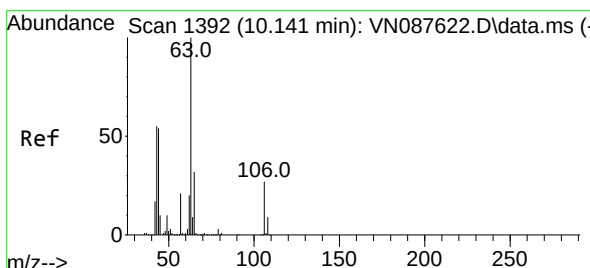
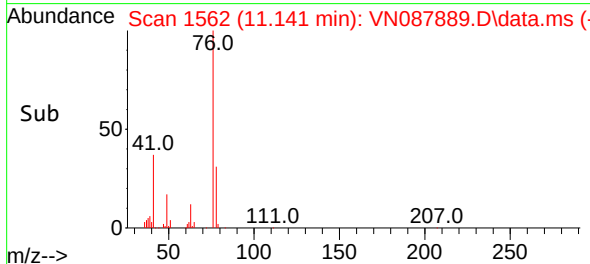
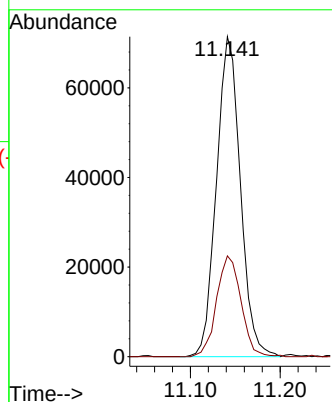
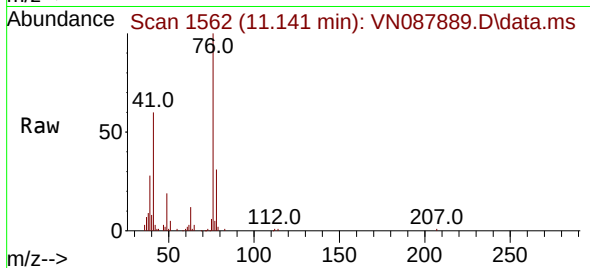
ClientSampleId :

Tgt Ion: 76 Resp: 132204

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 88.810 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087889.D

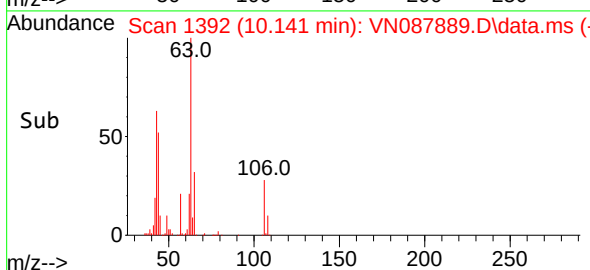
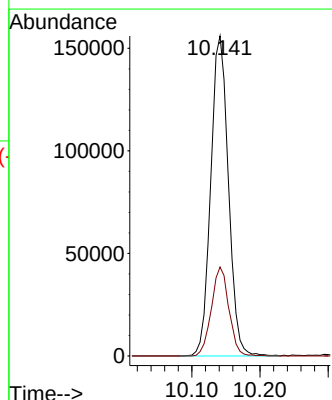
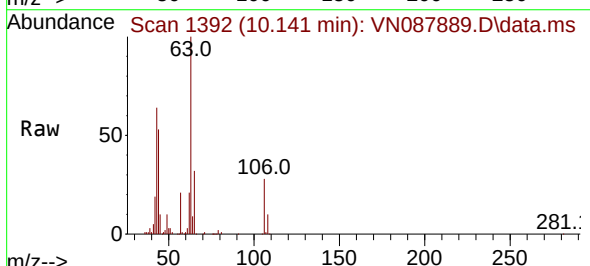
Acq: 18 Sep 2025 12:24

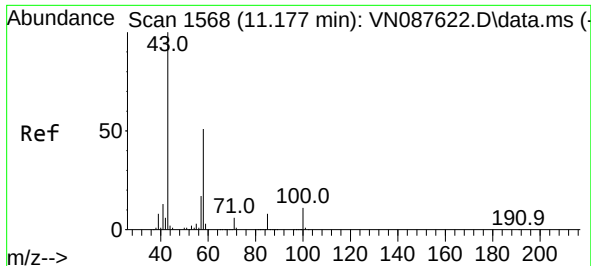
Tgt Ion: 63 Resp: 281261

Ion Ratio Lower Upper

63 100

106 27.5 21.1 31.7

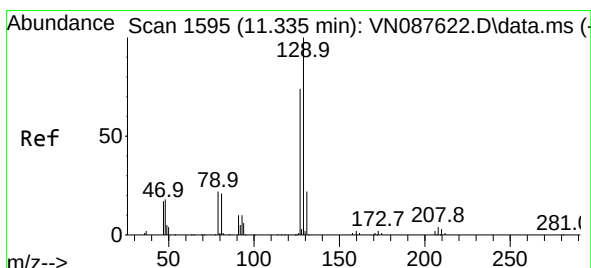
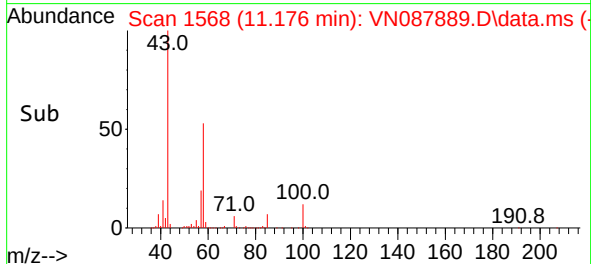
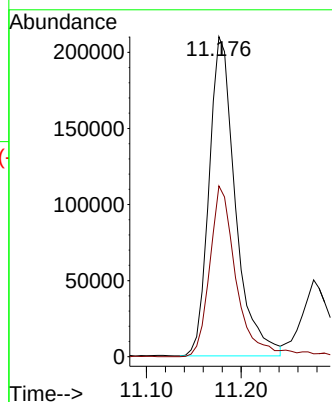
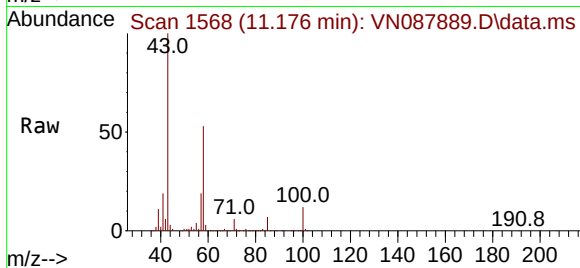




#59
2-Hexanone
Concen: 99.930 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

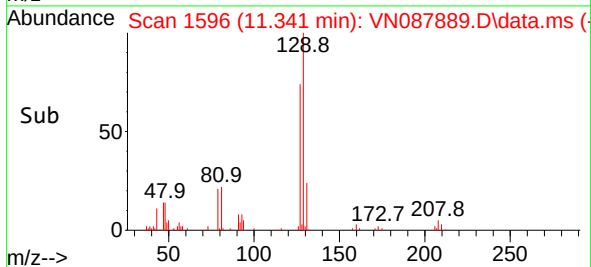
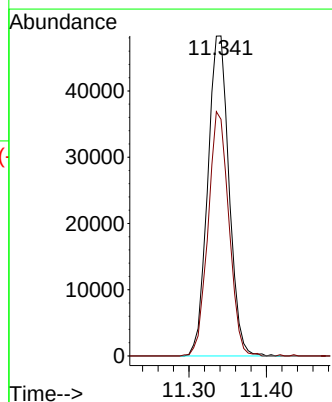
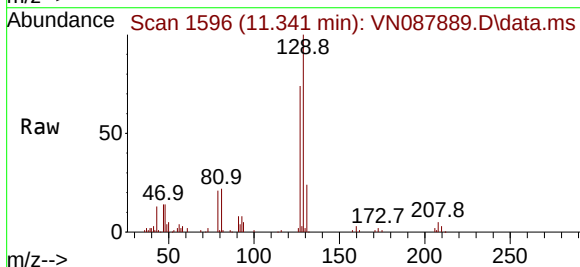
Instrument :
MSVOA_N
ClientSampleId :

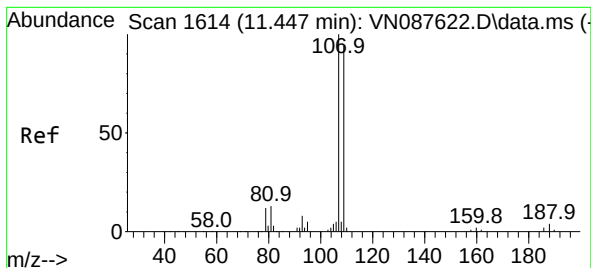
Tgt Ion: 43 Resp: 404639
Ion Ratio Lower Upper
43 100
58 55.5 25.9 77.8



#60
Dibromochloromethane
Concen: 21.787 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion:129 Resp: 92426
Ion Ratio Lower Upper
129 100
127 74.4 39.1 117.3

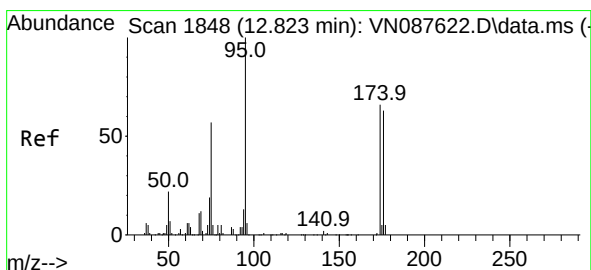
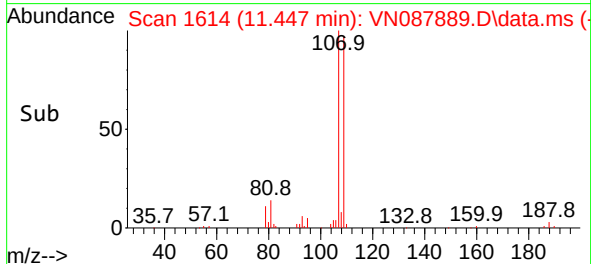
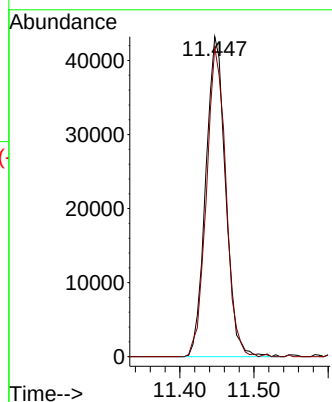
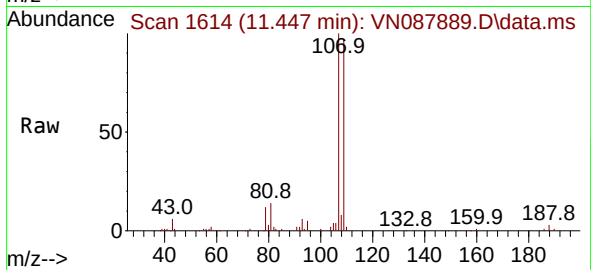




#61
1,2-Dibromoethane
Concen: 20.787 ug/l
RT: 11.447 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

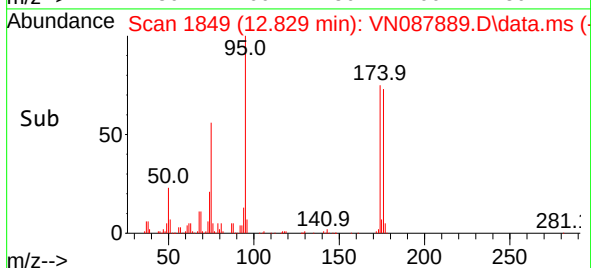
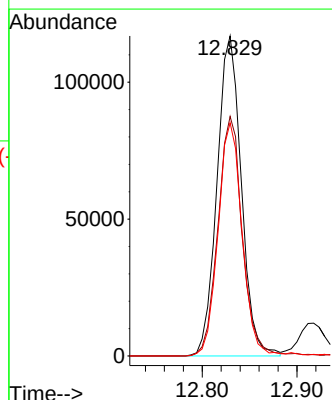
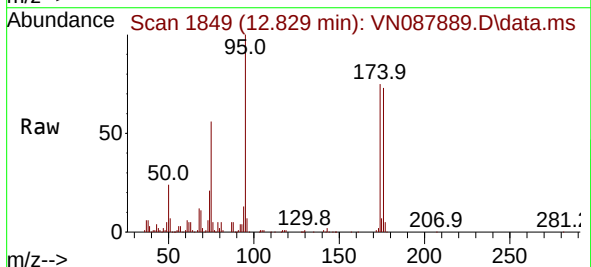
Instrument :
MSVOA_N
ClientSampleId :

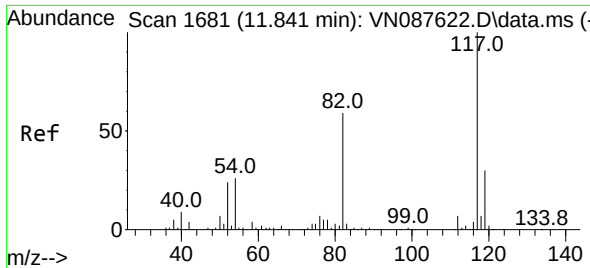
Tgt Ion:107 Resp: 80253
Ion Ratio Lower Upper
107 100
109 94.9 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 48.239 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion: 95 Resp: 208329
Ion Ratio Lower Upper
95 100
174 75.3 0.0 138.4
176 71.8 0.0 132.6

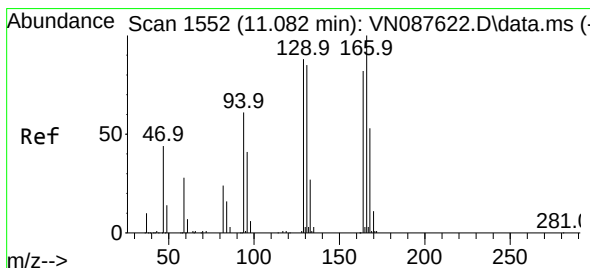
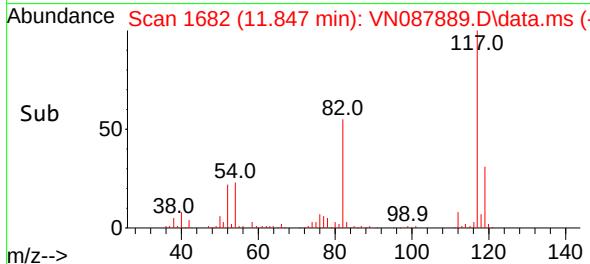
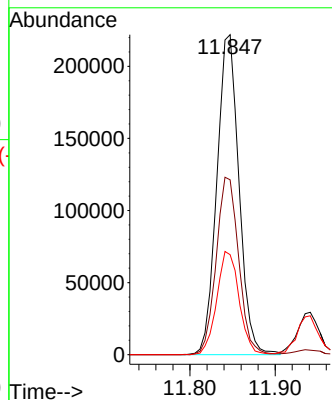
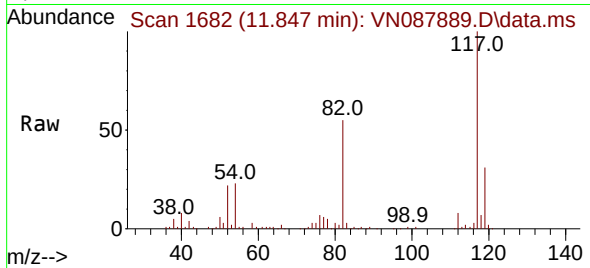




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

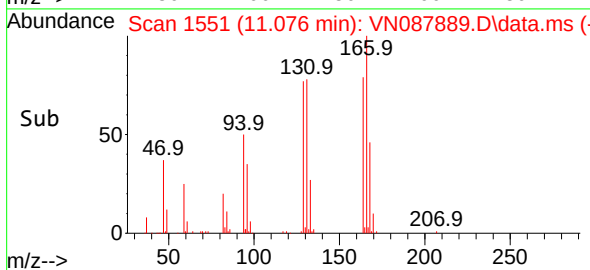
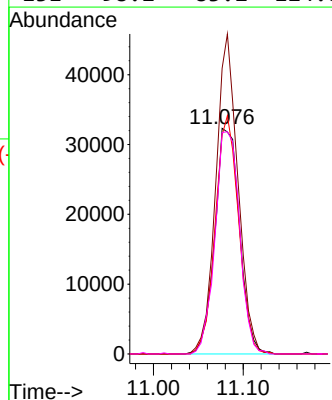
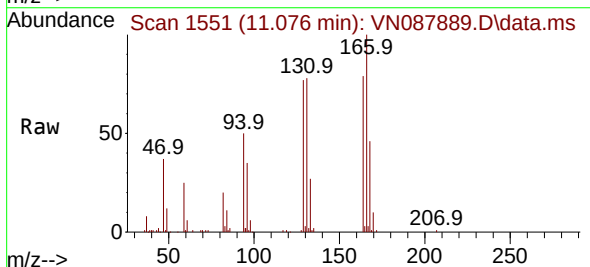
Instrument :
MSVOA_N
ClientSampleId :

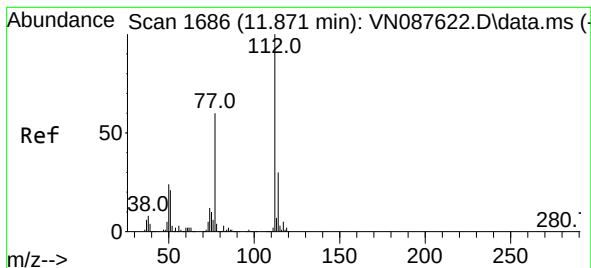
Tgt Ion:117 Resp: 401198
Ion Ratio Lower Upper
117 100
82 54.6 47.4 71.2
119 31.2 24.3 36.5



#64
Tetrachloroethene
Concen: 22.244 ug/l
RT: 11.076 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion:164 Resp: 61916
Ion Ratio Lower Upper
164 100
166 126.6 97.7 146.5
129 97.0 85.9 128.9
131 98.2 83.2 124.8





#65

Chlorobenzene

Concen: 21.415 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Instrument :

MSVOA_N

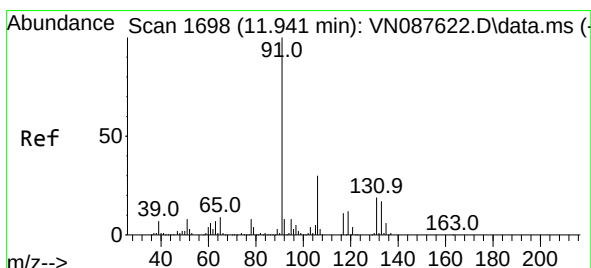
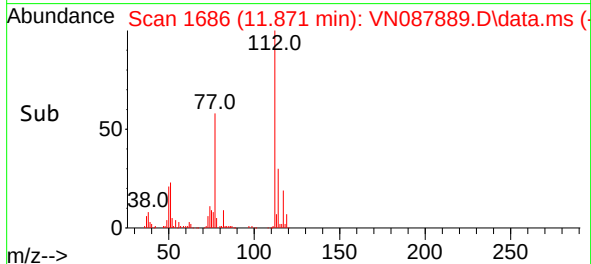
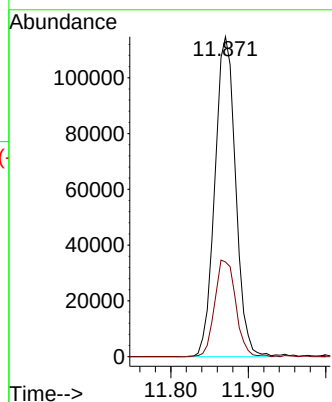
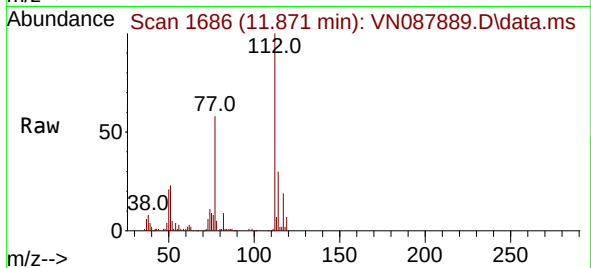
ClientSampleId :

Tgt Ion:112 Resp: 213742

Ion Ratio Lower Upper

112 100

114 29.6 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 22.991 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

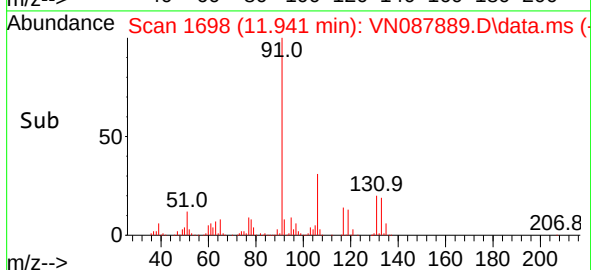
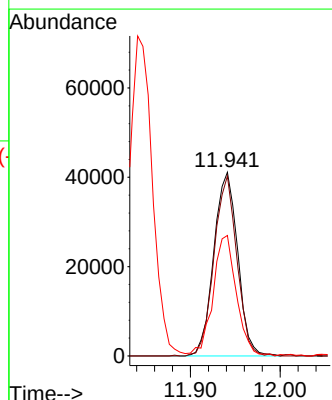
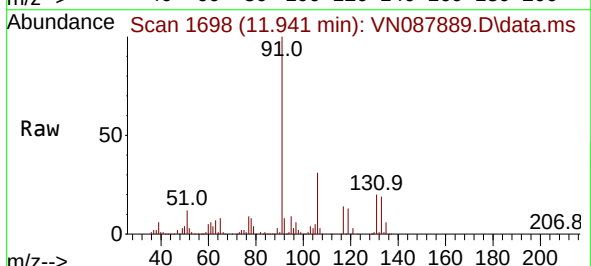
Tgt Ion:131 Resp: 76183

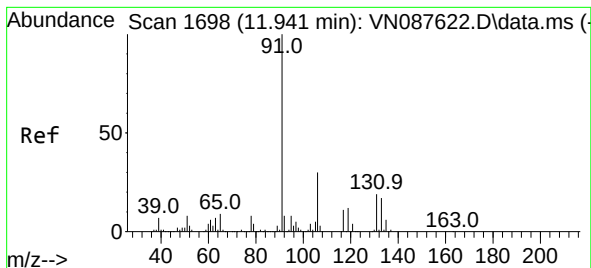
Ion Ratio Lower Upper

131 100

133 93.7 48.0 144.0

119 64.3 32.6 97.7





#67

Ethyl Benzene

Concen: 20.476 ug/l

RT: 11.941 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Instrument :

MSVOA_N

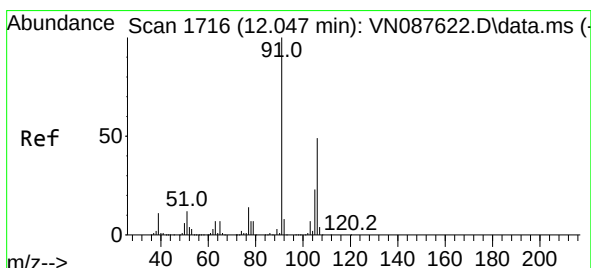
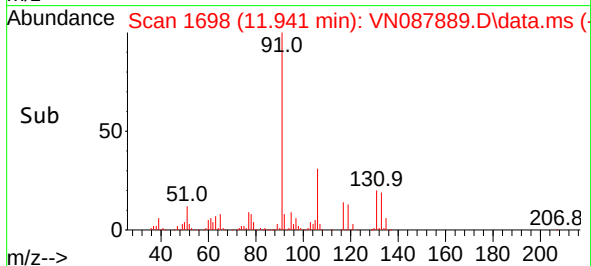
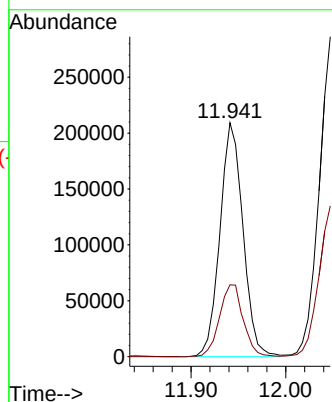
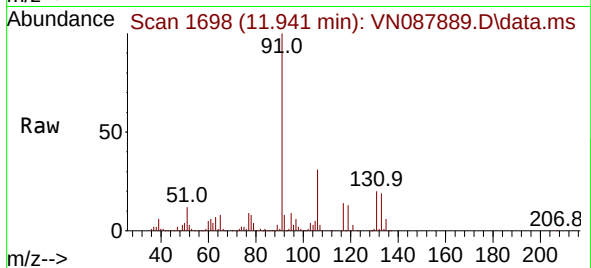
ClientSampleId :

Tgt Ion: 91 Resp: 353859

Ion Ratio Lower Upper

91 100

106 30.8 24.1 36.1



#68

m/p-Xylenes

Concen: 43.639 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN087889.D

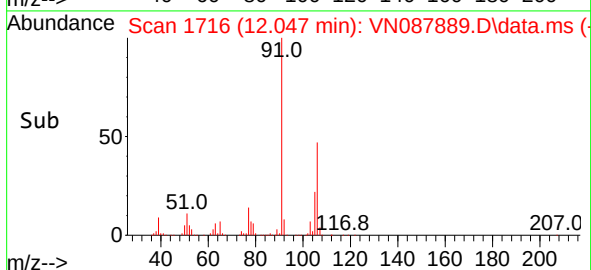
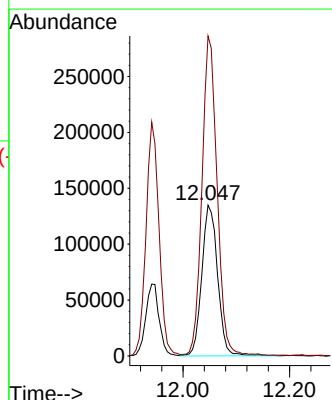
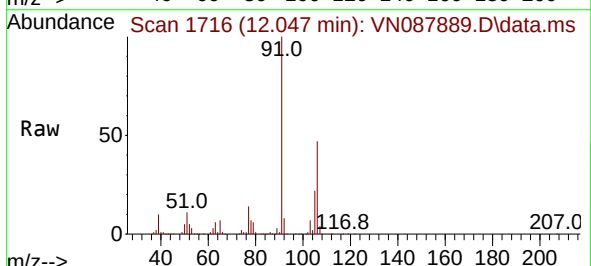
Acq: 18 Sep 2025 12:24

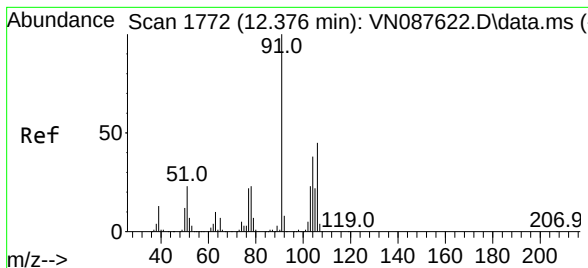
Tgt Ion:106 Resp: 276580

Ion Ratio Lower Upper

106 100

91 203.1 169.3 253.9

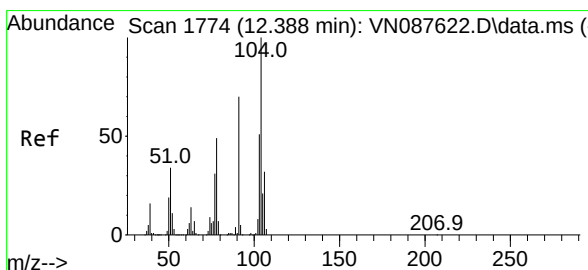
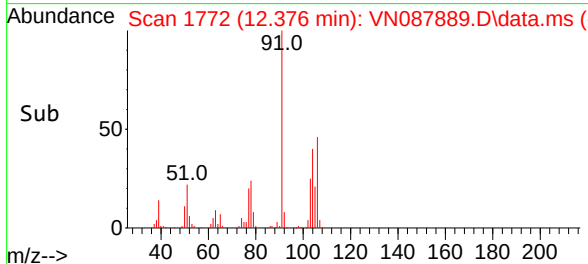
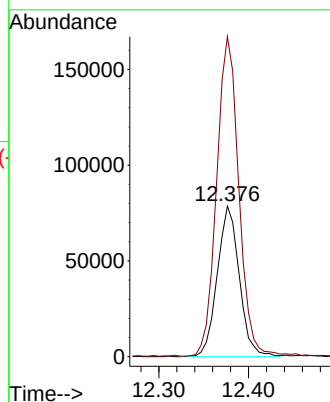
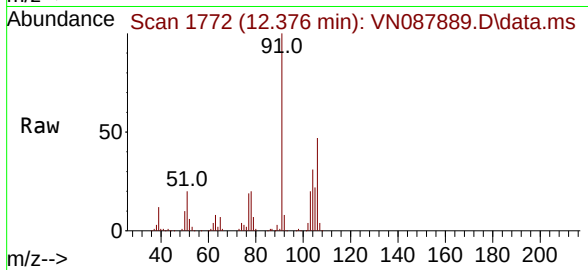




#69
o-Xylene
Concen: 21.589 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

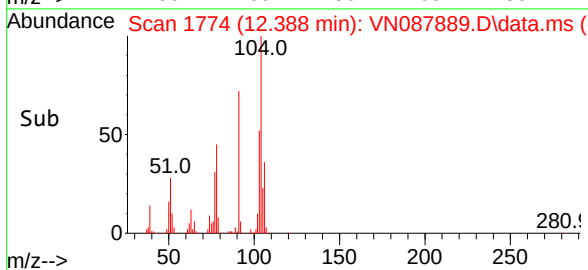
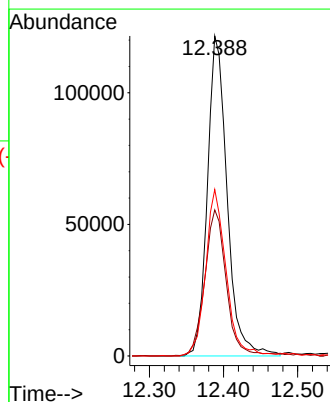
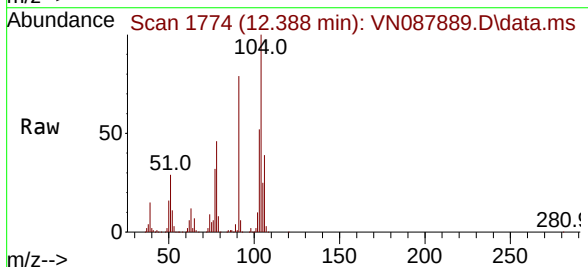
Instrument :
MSVOA_N
ClientSampleId :

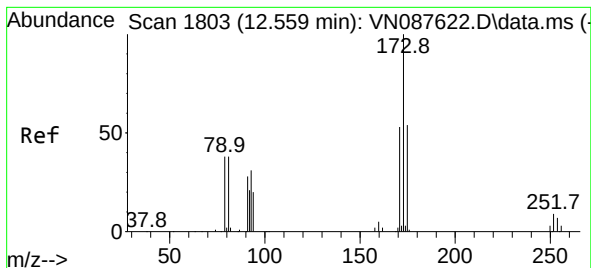
Tgt Ion:106 Resp: 134094
Ion Ratio Lower Upper
106 100
91 215.2 111.4 334.2



#70
Styrene
Concen: 21.604 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion:104 Resp: 224805
Ion Ratio Lower Upper
104 100
78 50.1 42.2 63.2
103 53.9 43.4 65.2





#71

Bromoform

Concen: 23.860 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087889.D

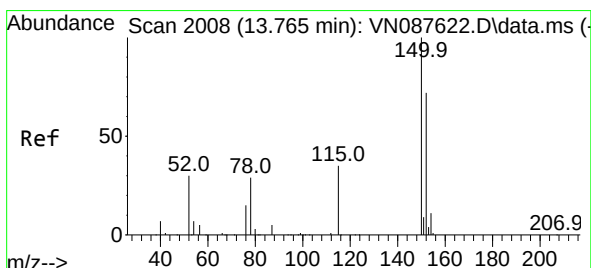
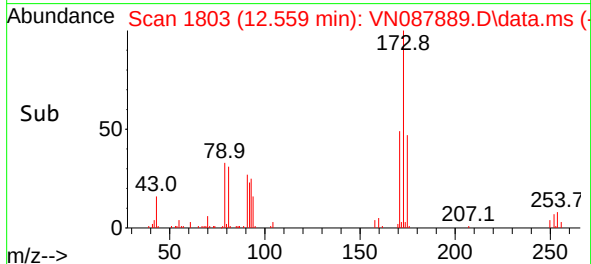
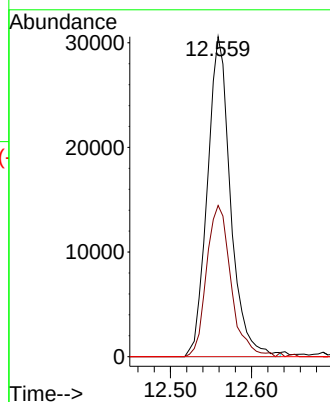
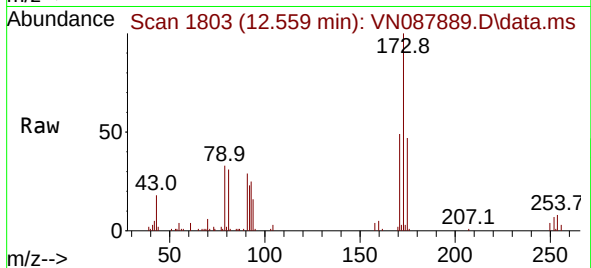
Acq: 18 Sep 2025 12:24

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	60635
Ion Ratio	Lower	Upper
173	100	
175	49.7	24.9 74.6
254	0.0	0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

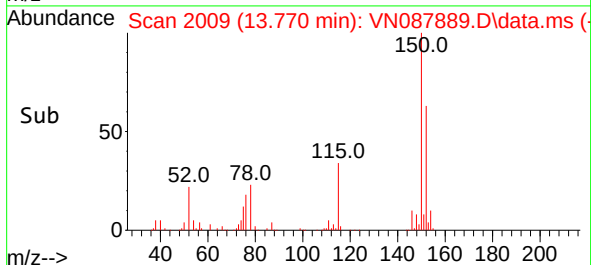
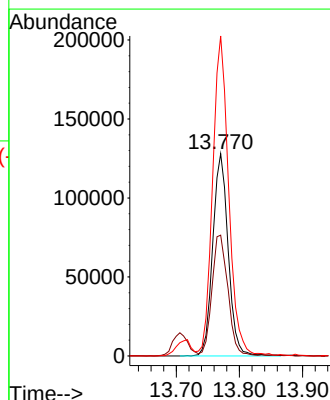
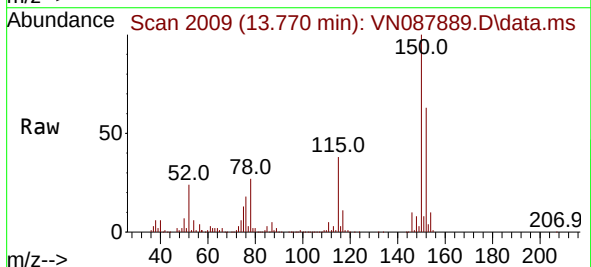
RT: 13.770 min Scan# 2009

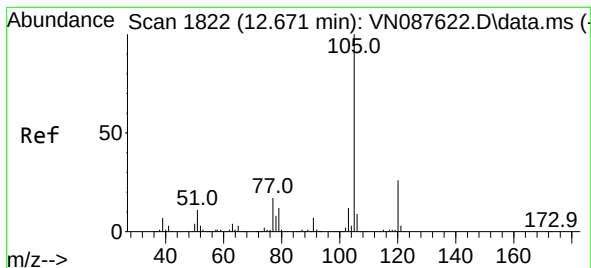
Delta R.T. 0.006 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Tgt Ion:152	Resp:	217500
Ion Ratio	Lower	Upper
152	100	
115	60.8	32.3 96.8
150	163.8	0.0 351.0





#73

Isopropylbenzene

Concen: 19.798 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Instrument :

MSVOA_N

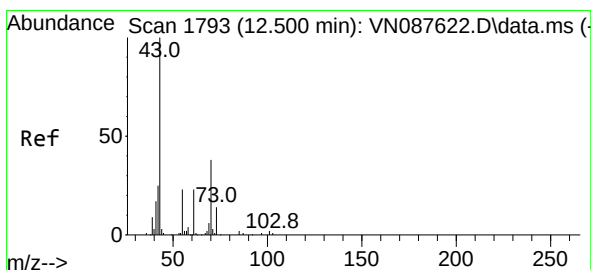
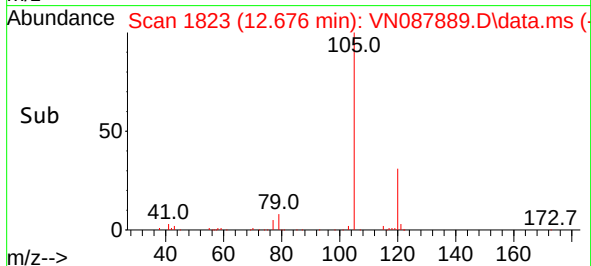
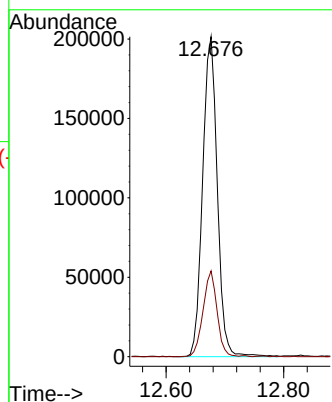
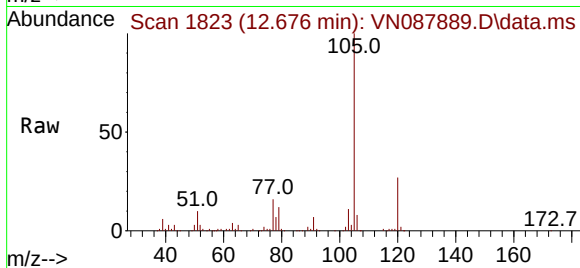
ClientSampleId :

Tgt Ion:105 Resp: 347954

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



#74

N-ethyl acetate

Concen: 2.971 ug/l

RT: 12.541 min Scan# 1800

Delta R.T. 0.041 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Tgt Ion: 43 Resp: 19787

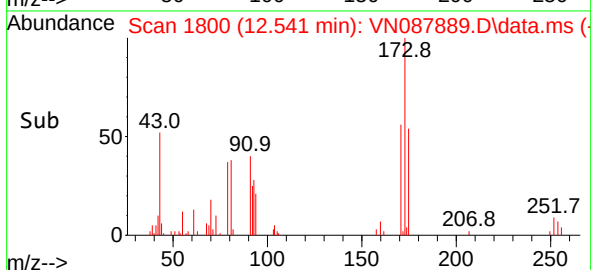
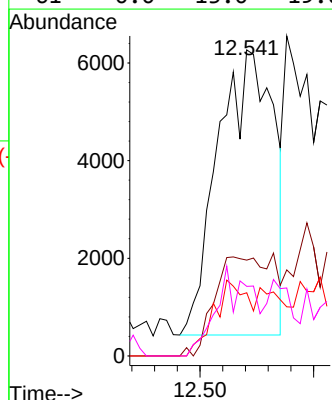
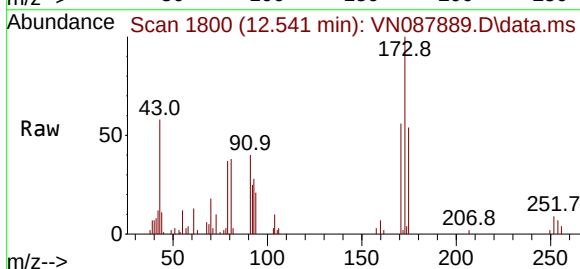
Ion Ratio Lower Upper

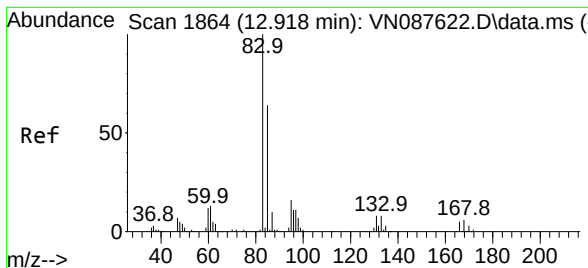
43 100

70 0.0 27.6 41.4#

55 10.1 13.0 19.6#

61 0.0 13.0 19.6#

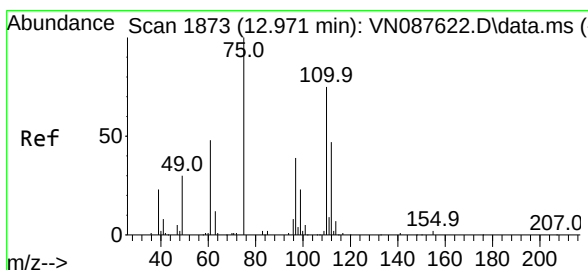
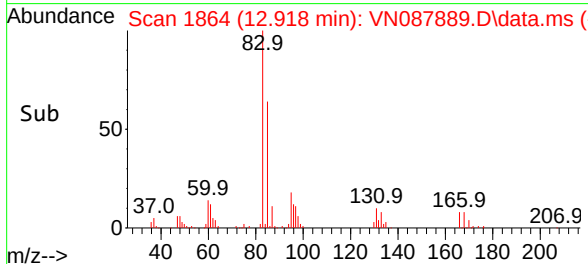
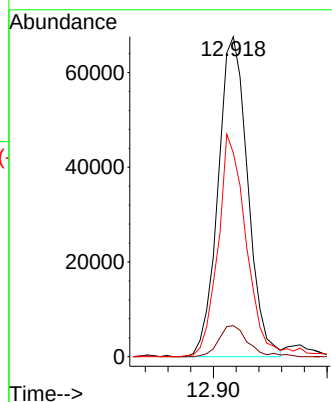
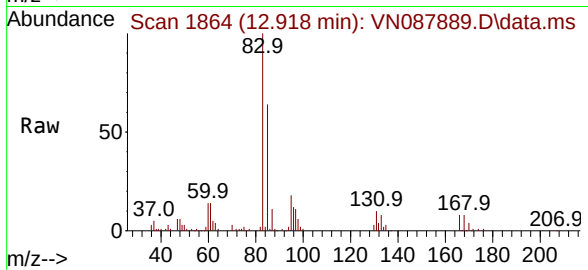




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.242 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN087889.D
 Acq: 18 Sep 2025 12:24

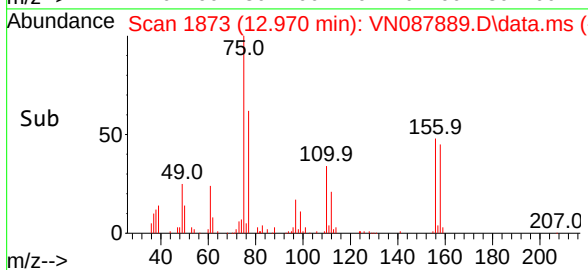
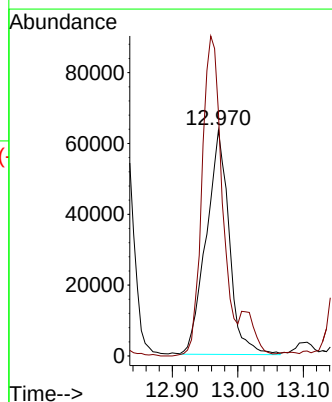
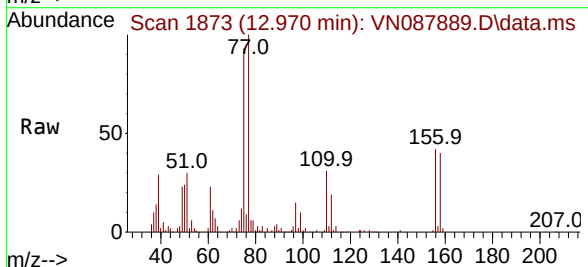
Instrument :
 MSVOA_N
 ClientSampleId :

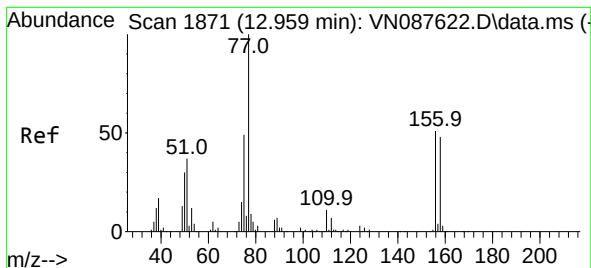
Tgt Ion: 83 Resp: 122482
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.8 14.4
 85 67.3 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 30.312 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087889.D
 Acq: 18 Sep 2025 12:24

Tgt Ion: 75 Resp: 154605
 Ion Ratio Lower Upper
 75 100
 77 124.8 89.1 267.4





#77

Bromobenzene

Concen: 20.670 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Instrument :

MSVOA_N

ClientSampleId :

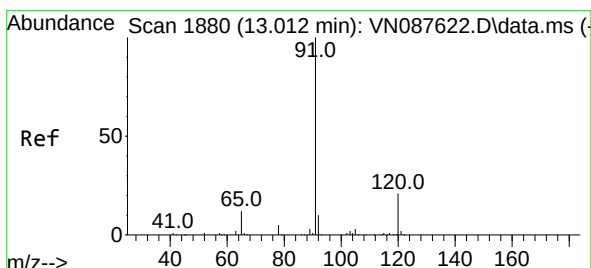
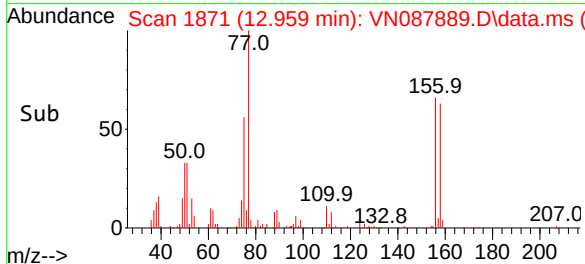
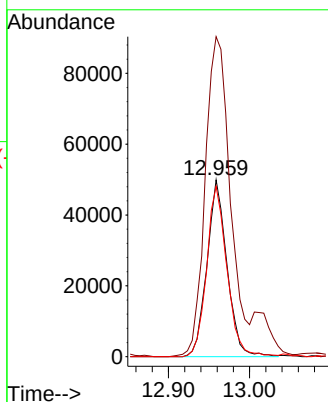
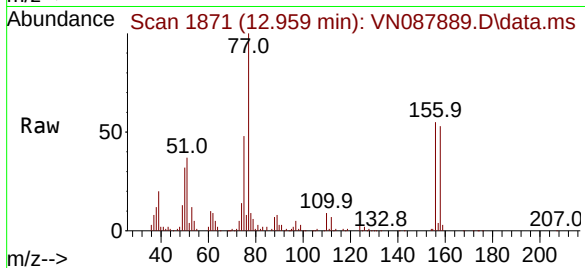
Tgt Ion:156 Resp: 85656

Ion Ratio Lower Upper

156 100

77 225.2 119.3 358.0

158 98.0 48.2 144.6



#78

n-propylbenzene

Concen: 20.283 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087889.D

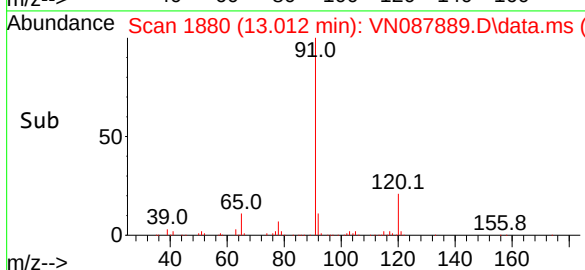
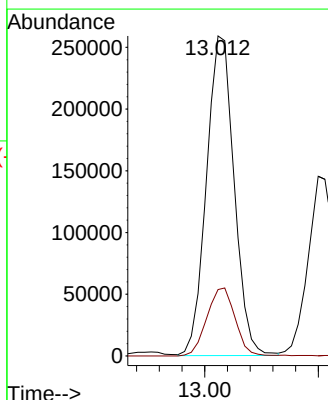
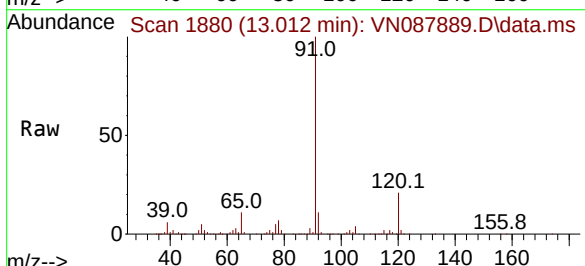
Acq: 18 Sep 2025 12:24

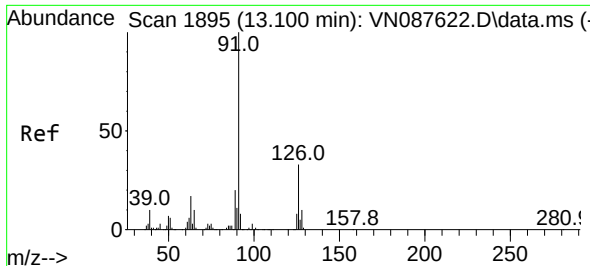
Tgt Ion: 91 Resp: 439093

Ion Ratio Lower Upper

91 100

120 21.8 10.7 32.1





#79

2-Chlorotoluene

Concen: 19.340 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Instrument :

MSVOA_N

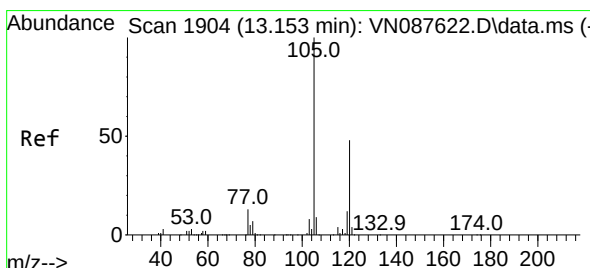
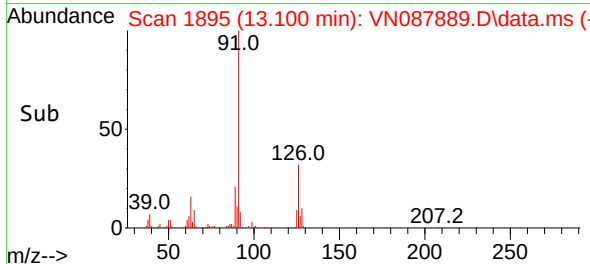
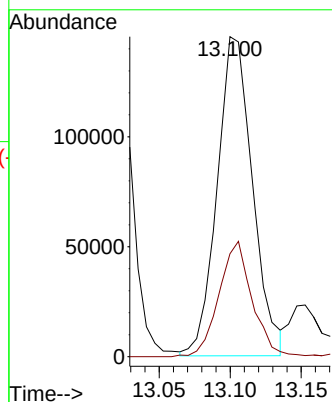
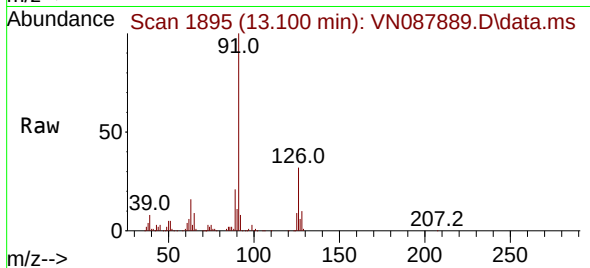
ClientSampleId :

Tgt Ion: 91 Resp: 251961

Ion Ratio Lower Upper

91 100

126 33.8 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 20.095 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VN087889.D

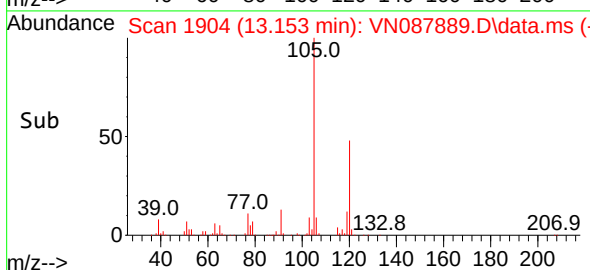
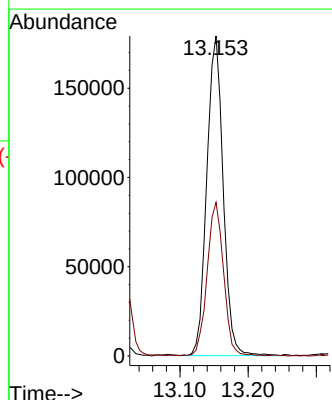
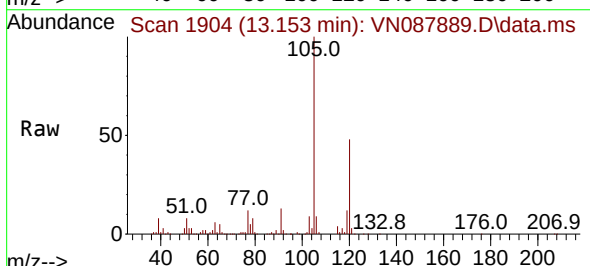
Acq: 18 Sep 2025 12:24

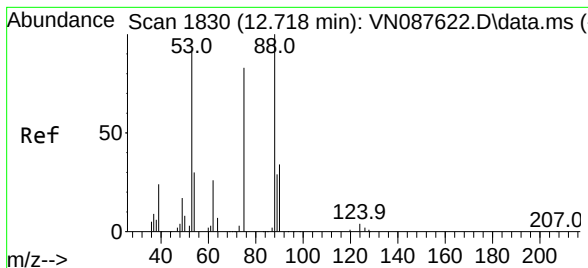
Tgt Ion: 105 Resp: 299614

Ion Ratio Lower Upper

105 100

120 48.0 23.2 69.6

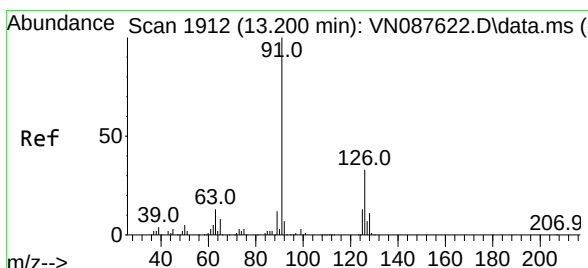
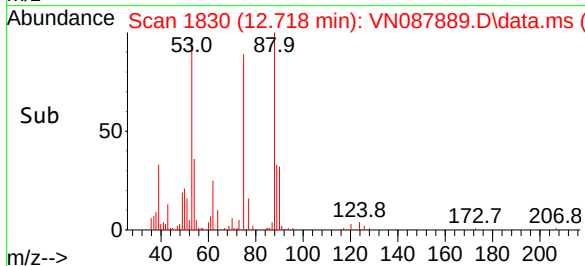
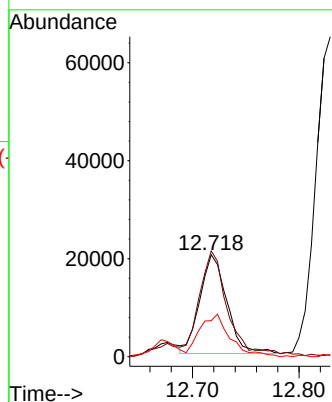
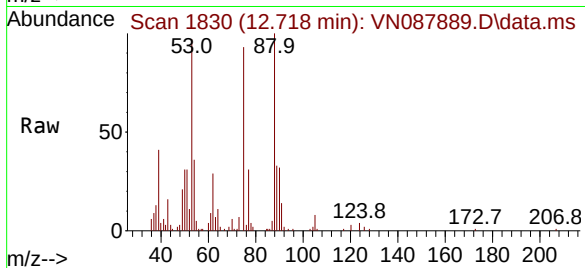




#81
trans-1,4-Dichloro-2-butene
Concen: 18.474 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

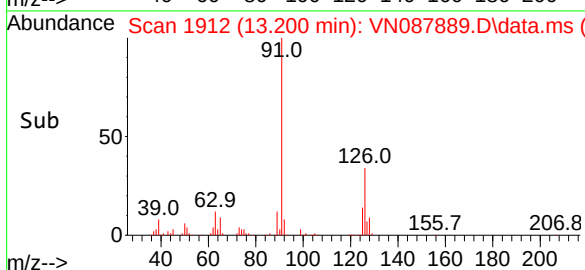
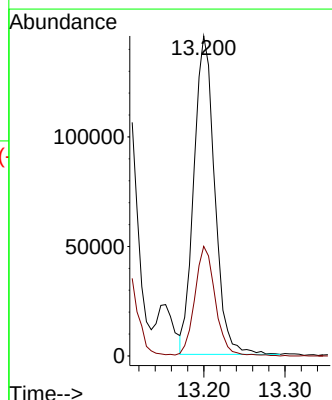
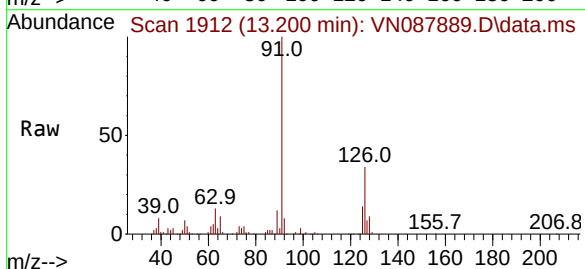
Instrument :
MSVOA_N
ClientSampleId :

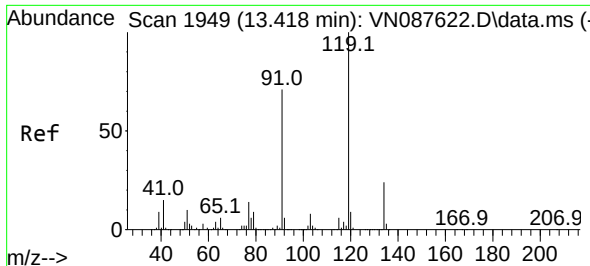
Tgt Ion: 75 Resp: 35592
Ion Ratio Lower Upper
75 100
53 112.6 101.8 152.6
89 48.4 35.6 53.4



#82
4-Chlorotoluene
Concen: 18.891 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

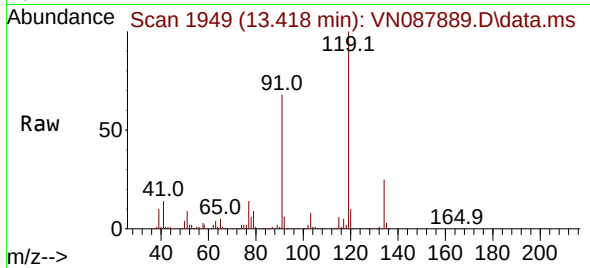
Tgt Ion: 91 Resp: 258755
Ion Ratio Lower Upper
91 100
126 34.2 15.6 46.8



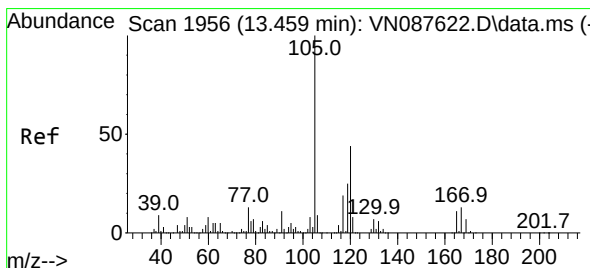
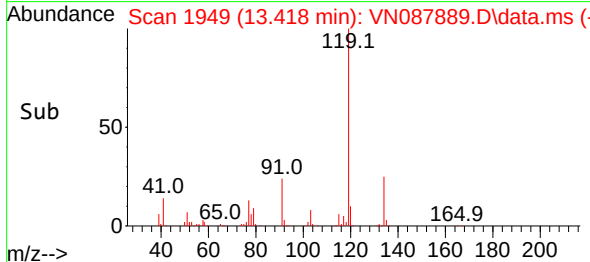
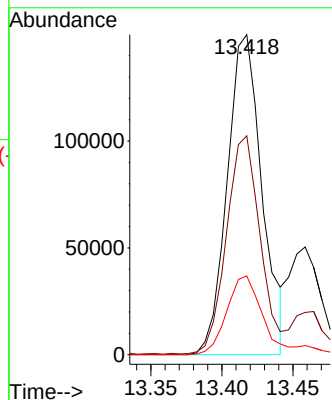


#83
 tert-Butylbenzene
 Concen: 20.543 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087889.D
 Acq: 18 Sep 2025 12:24

Instrument :
 MSVOA_N
 ClientSampleId :

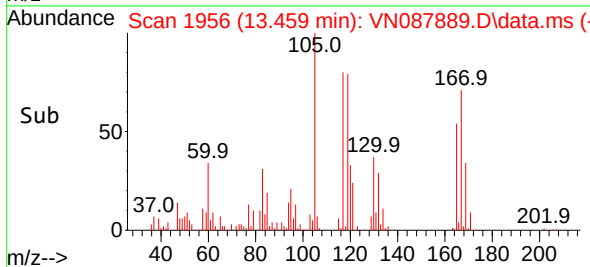
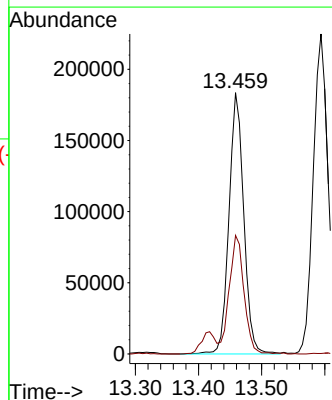
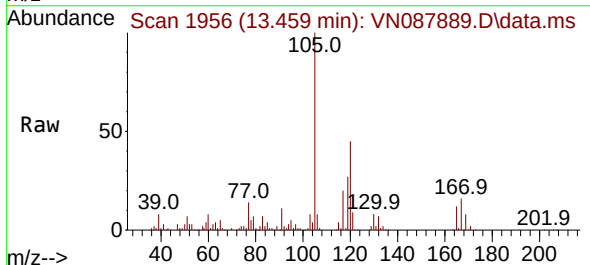


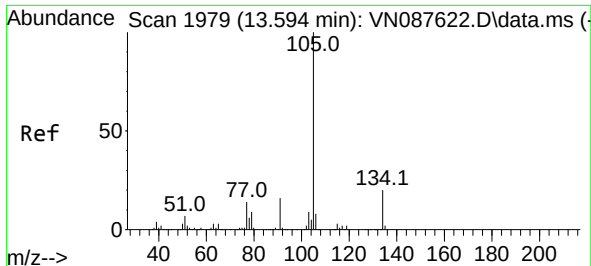
Tgt Ion:119 Resp: 255240
 Ion Ratio Lower Upper
 119 100
 91 65.9 35.0 105.0
 134 26.8 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.967 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087889.D
 Acq: 18 Sep 2025 12:24

Tgt Ion:105 Resp: 298021
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.0 66.0

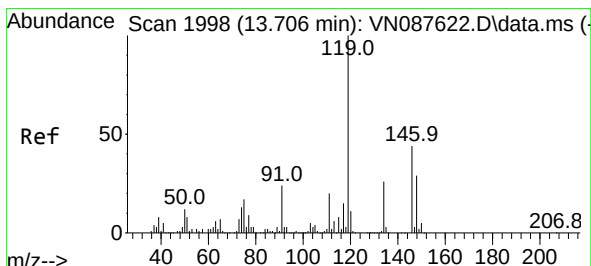
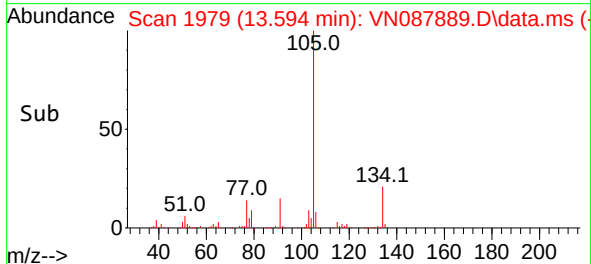
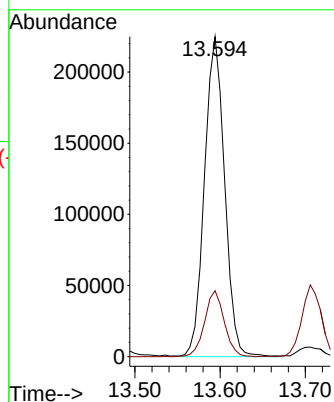
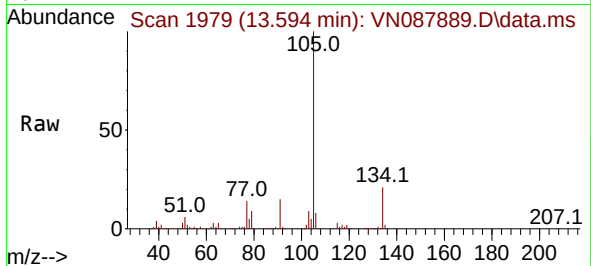




#85
sec-Butylbenzene
Concen: 20.031 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

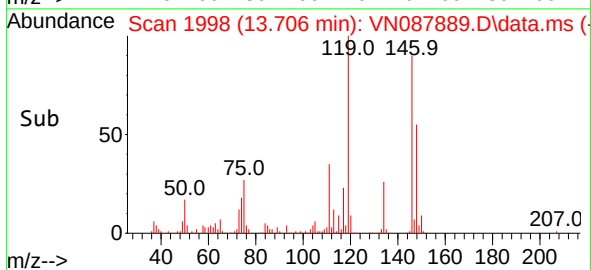
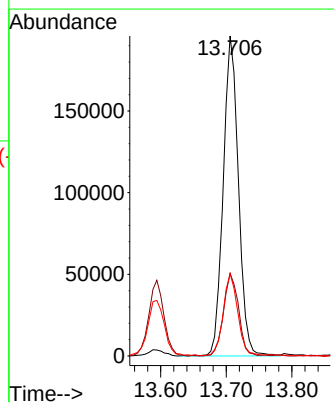
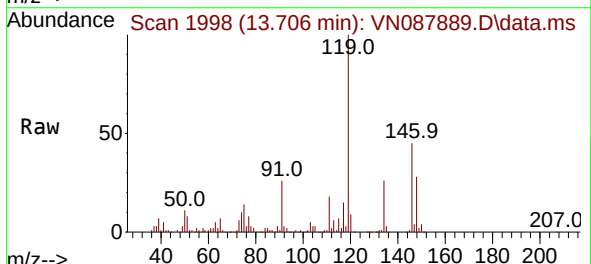
Instrument :
MSVOA_N
ClientSampleId :

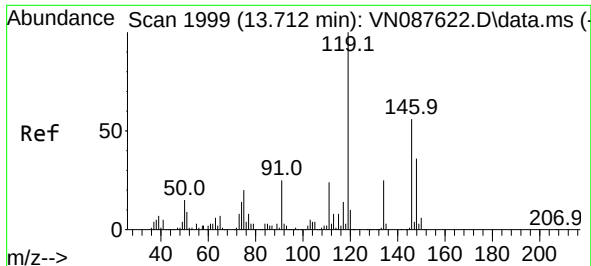
Tgt Ion:105 Resp: 369333
Ion Ratio Lower Upper
105 100
134 20.1 9.6 28.6



#86
p-Isopropyltoluene
Concen: 20.692 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion:119 Resp: 315034
Ion Ratio Lower Upper
119 100
134 25.5 12.7 38.0
91 24.7 12.5 37.5

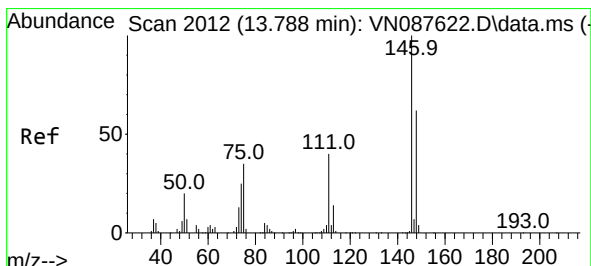
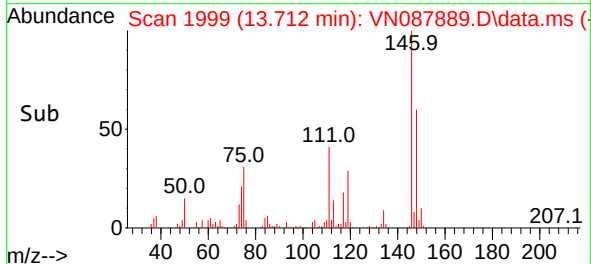
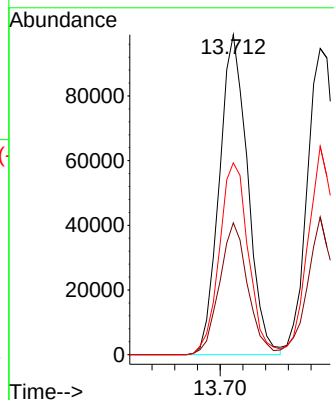
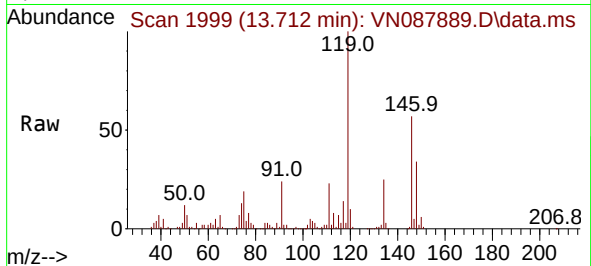




#87
1,3-Dichlorobenzene
Concen: 21.018 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

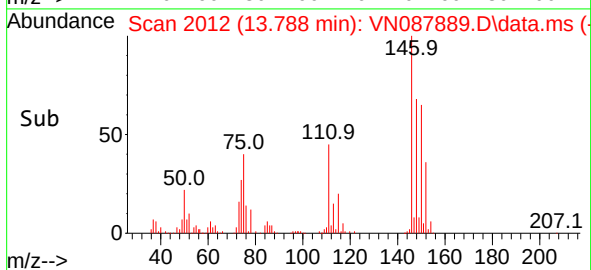
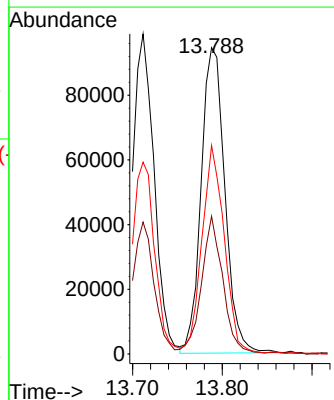
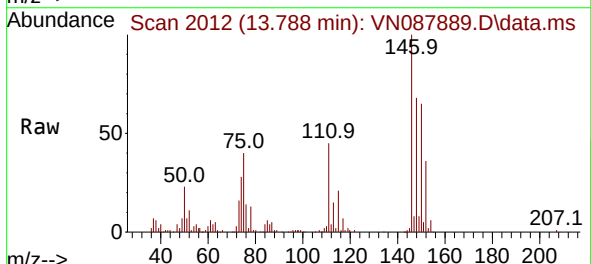
Instrument :
MSVOA_N
ClientSampleId :

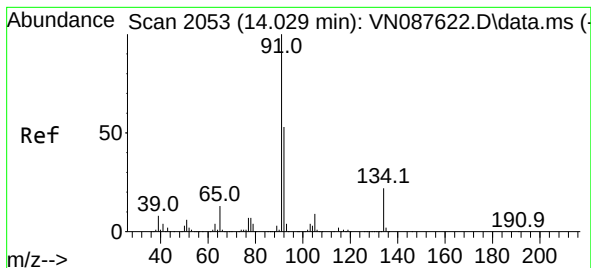
Tgt Ion:146 Resp: 171517
Ion Ratio Lower Upper
146 100
111 40.9 22.1 66.5
148 61.6 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 20.456 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion:146 Resp: 173720
Ion Ratio Lower Upper
146 100
111 40.0 21.0 63.0
148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 19.800 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Instrument :

MSVOA_N

ClientSampleId :

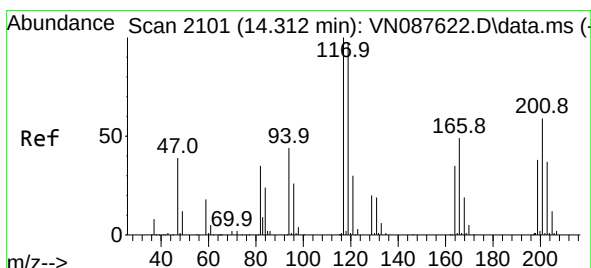
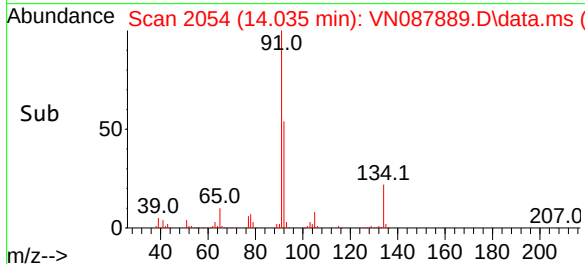
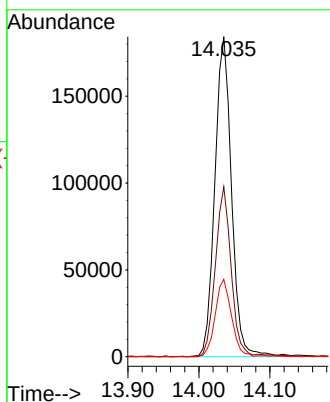
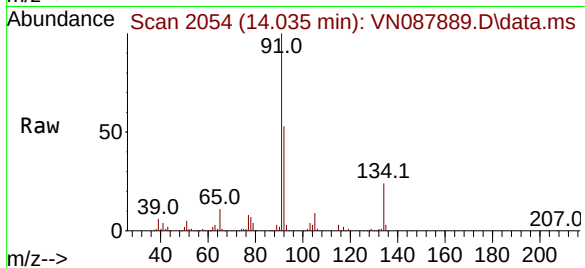
Tgt Ion: 91 Resp: 299386

Ion Ratio Lower Upper

91 100

92 50.8 25.9 77.8

134 23.6 11.7 35.0



#90

Hexachloroethane

Concen: 20.439 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087889.D

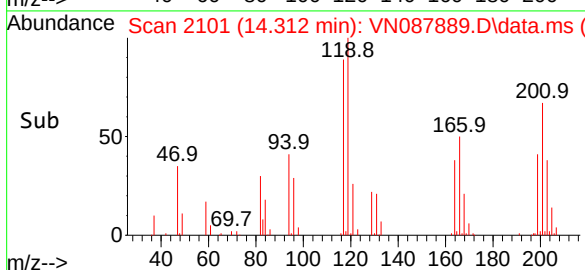
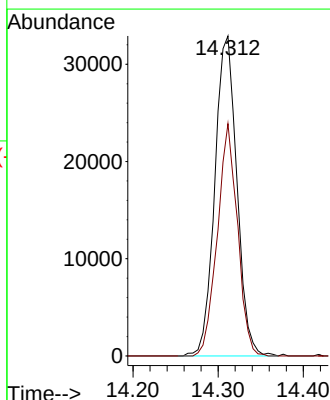
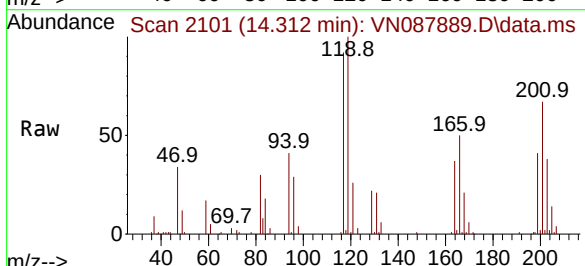
Acq: 18 Sep 2025 12:24

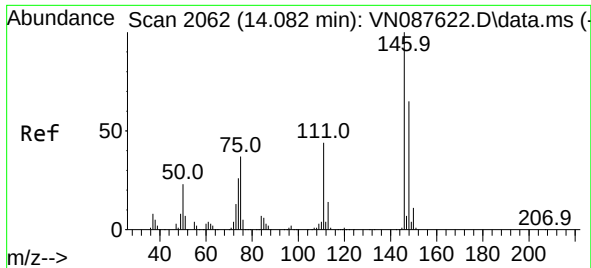
Tgt Ion: 117 Resp: 59284

Ion Ratio Lower Upper

117 100

201 66.3 29.1 87.4

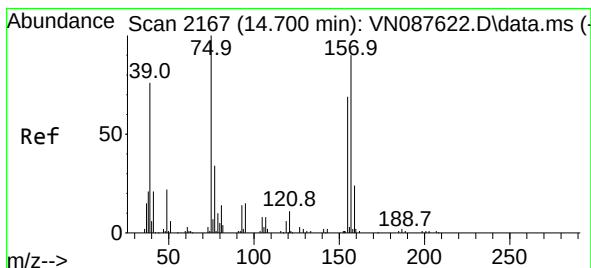
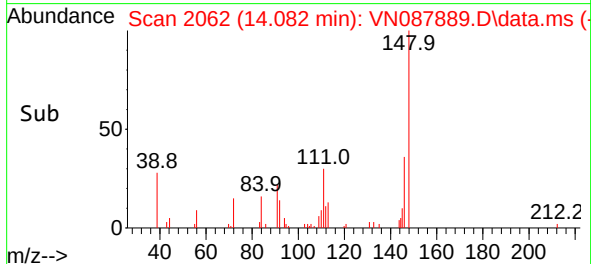
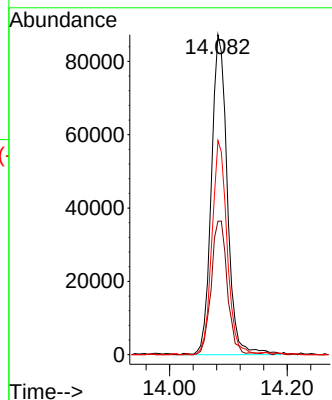
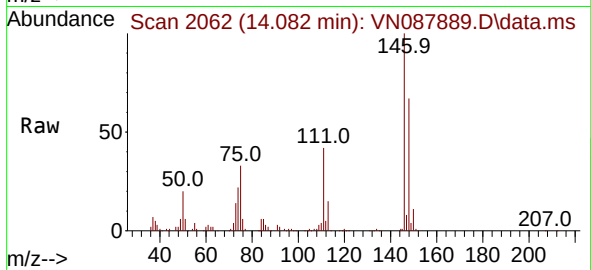




#91
1,2-Dichlorobenzene
Concen: 21.215 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

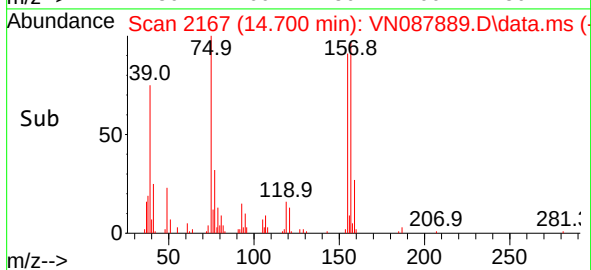
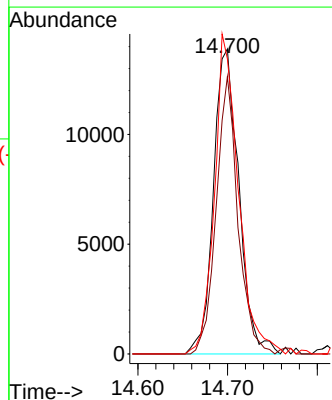
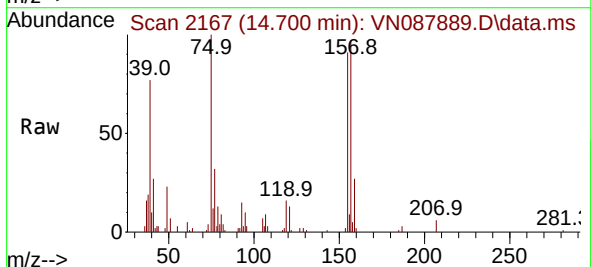
Instrument :
MSVOA_N
ClientSampleId :

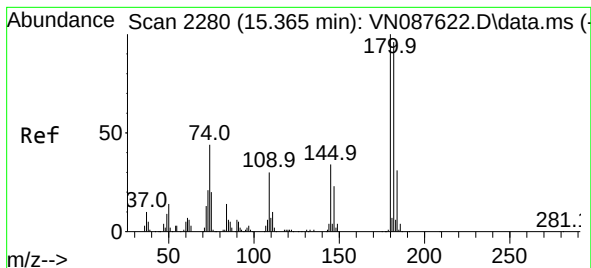
Tgt Ion:146 Resp: 164245
Ion Ratio Lower Upper
146 100
111 42.5 22.6 67.8
148 63.4 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.966 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087889.D
Acq: 18 Sep 2025 12:24

Tgt Ion: 75 Resp: 27262
Ion Ratio Lower Upper
75 100
155 78.2 36.6 109.9
157 99.2 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 20.654 ug/l

RT: 15.370 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Instrument :

MSVOA_N

ClientSampleId :

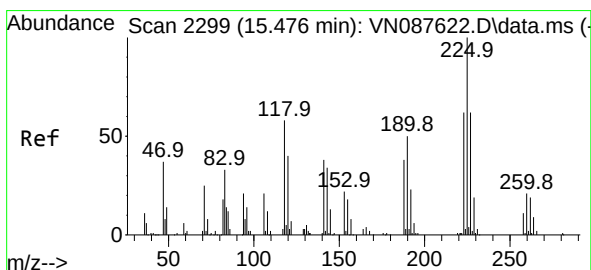
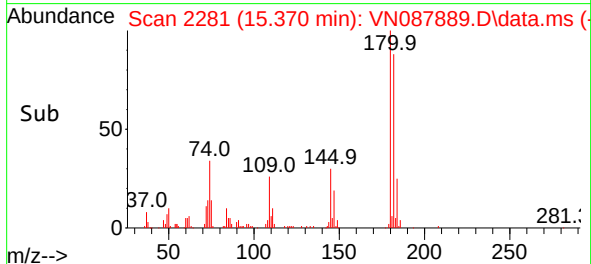
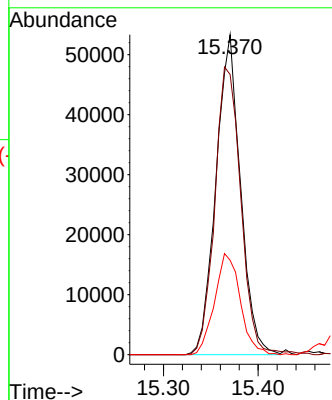
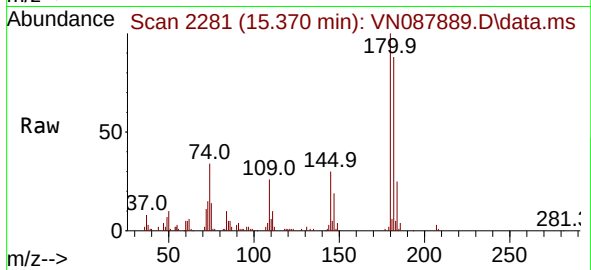
Tgt Ion:180 Resp: 96023

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.9

145 33.1 16.5 49.5



#94

Hexachlorobutadiene

Concen: 22.616 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

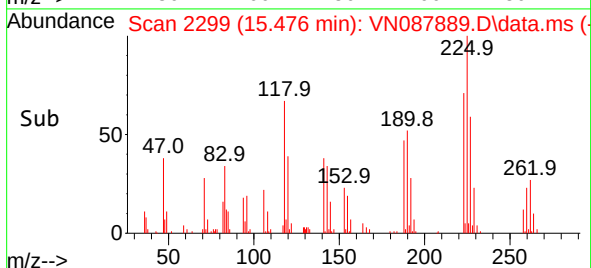
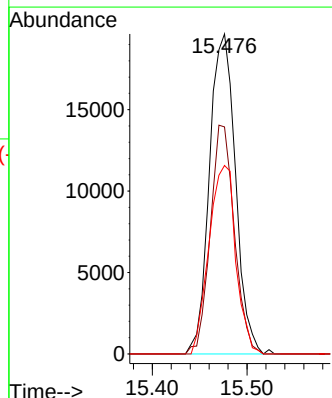
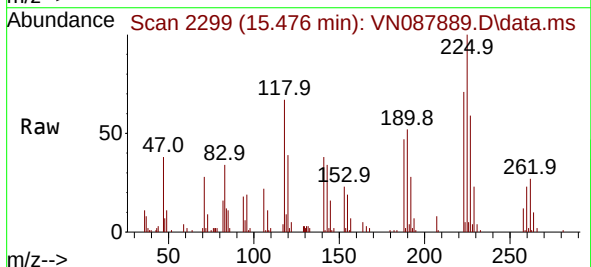
Tgt Ion:225 Resp: 37484

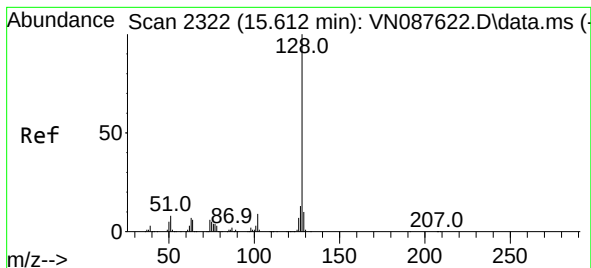
Ion Ratio Lower Upper

225 100

223 66.2 32.0 96.2

227 60.7 32.1 96.5





#95

Naphthalene

Concen: 18.626 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Instrument :

MSVOA_N

ClientSampleId :

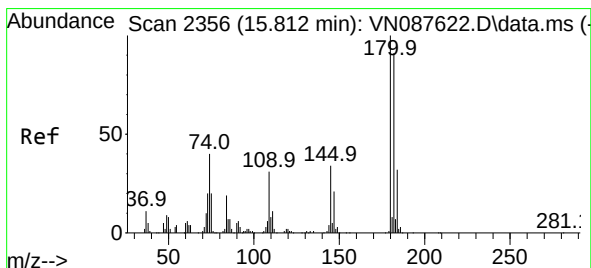
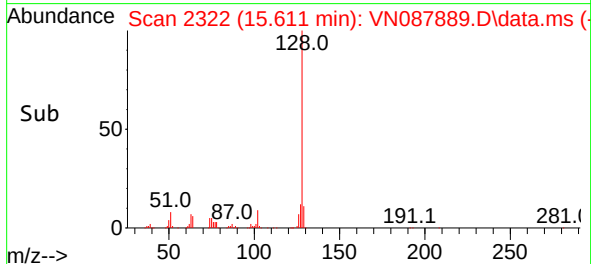
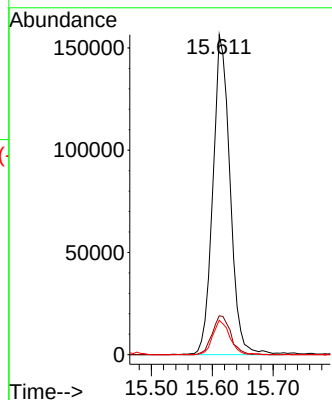
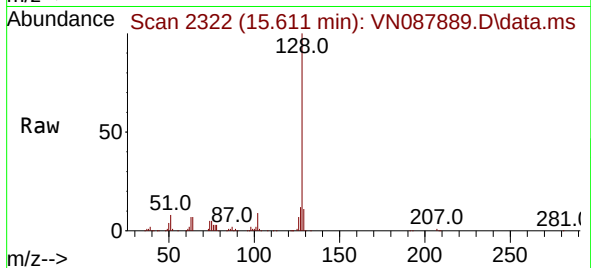
Tgt Ion:128 Resp: 306716

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.4 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.868 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN087889.D

Acq: 18 Sep 2025 12:24

Tgt Ion:180 Resp: 90300

Ion Ratio Lower Upper

180 100

182 98.5 46.8 140.3

145 35.8 17.3 52.0

