

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092525\
 Data File : VN087948.D
 Acq On : 25 Sep 2025 12:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 26 07:27:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	252288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	466714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	446080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	240530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	197777	46.582	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.160%
35) Dibromofluoromethane	8.153	113	151123	44.597	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.200%
50) Toluene-d8	10.547	98	533078	44.735	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.460%
62) 4-Bromofluorobenzene	12.829	95	189525	44.495	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	139364	47.699	ug/l	94
3) Chloromethane	2.383	50	146395	48.936	ug/l	100
4) Vinyl Chloride	2.536	62	151034	49.486	ug/l	99
5) Bromomethane	2.965	94	100344	53.032	ug/l	98
6) Chloroethane	3.130	64	99120	49.948	ug/l	92
7) Trichlorofluoromethane	3.506	101	240668	48.431	ug/l	97
8) Diethyl Ether	3.965	74	94025	50.084	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	125130	47.643	ug/l	96
10) Methyl Iodide	4.583	142	135349	57.259	ug/l	99
11) Tert butyl alcohol	5.530	59	165748	271.032	ug/l	100
12) 1,1-Dichloroethene	4.330	96	129291	48.788	ug/l	98
13) Acrolein	4.177	56	197153	251.254	ug/l	95
14) Allyl chloride	5.018	41	213241	49.426	ug/l	96
15) Acrylonitrile	5.706	53	503222	262.332	ug/l	99
16) Acetone	4.424	43	468375	268.115	ug/l	99
17) Carbon Disulfide	4.706	76	384315	46.415	ug/l	98
18) Methyl Acetate	5.018	43	242249	55.411	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	537240	51.896	ug/l	99
20) Methylene Chloride	5.265	84	173671	49.116	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	155843	47.970	ug/l	91
22) Diisopropyl ether	6.659	45	518759	51.507	ug/l	96
23) Vinyl Acetate	6.589	43	2369316	279.393	ug/l	99
24) 1,1-Dichloroethane	6.553	63	291853	49.600	ug/l	99
25) 2-Butanone	7.471	43	704136	263.713	ug/l	99
26) 2,2-Dichloropropane	7.471	77	259162	49.573	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	190867	49.376	ug/l	97
28) Bromochloromethane	7.794	49	147175	46.036	ug/l	99
29) Tetrahydrofuran	7.824	42	457315	267.483	ug/l	100
30) Chloroform	7.947	83	317816	49.398	ug/l	94
31) Cyclohexane	8.236	56	228674	48.030	ug/l	93
32) 1,1,1-Trichloroethane	8.147	97	266706	49.059	ug/l	97
36) 1,1-Dichloropropene	8.353	75	200491	49.205	ug/l	99
37) Ethyl Acetate	7.547	43	271630	50.766	ug/l	99
38) Carbon Tetrachloride	8.341	117	223861	47.879	ug/l	96
39) Methylcyclohexane	9.583	83	214941	47.819	ug/l	92
40) Benzene	8.588	78	666089	49.372	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	138556	50.108	ug/l	95
42) 1,2-Dichloroethane	8.653	62	244954	48.653	ug/l	100
43) Isopropyl Acetate	8.677	43	430144	51.072	ug/l	100
44) Trichloroethene	9.335	130	154701	48.005	ug/l	90
45) 1,2-Dichloropropane	9.606	63	165068	48.794	ug/l	100
46) Dibromomethane	9.688	93	130372	48.839	ug/l	98
47) Bromodichloromethane	9.871	83	262338	50.106	ug/l #	95
48) Methyl methacrylate	9.665	41	199338	51.109	ug/l	100
49) 1,4-Dioxane	9.683	88	64630	1121.681	ug/l #	80
51) 4-Methyl-2-Pentanone	10.424	43	1401468	266.670	ug/l	99
52) Toluene	10.612	92	416920	49.246	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	269484	50.291	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	275428	49.489	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	171693	49.877	ug/l	94
56) Ethyl methacrylate	10.859	69	261831	52.640	ug/l	98
57) 1,3-Dichloropropane	11.141	76	284575	50.261	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	770678	329.535	ug/l	98
59) 2-Hexanone	11.177	43	979848	281.970	ug/l	99
60) Dibromochloromethane	11.341	129	202551	50.045	ug/l	99
61) 1,2-Dibromoethane	11.447	107	181192	49.721	ug/l	100
64) Tetrachloroethene	11.082	164	130193	47.913	ug/l	99
65) Chlorobenzene	11.871	112	469450	49.453	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.941	131	168546	49.235	ug/l	97
67) Ethyl Benzene	11.941	91	792036	50.002	ug/l	96
68) m/p-Xylenes	12.053	106	623352	102.897	ug/l	100
69) o-Xylene	12.376	106	289389	49.721	ug/l	96
70) Styrene	12.388	104	517296	51.750	ug/l	99
71) Bromoform	12.559	173	142241	51.214	ug/l #	97
73) Isopropylbenzene	12.676	105	761718	51.096	ug/l	100
74) N-amyl acetate	12.506	43	136623	27.815	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.918	83	266185	49.558	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	345606	72.892	ug/l	61
77) Bromobenzene	12.959	156	194458	49.027	ug/l	98
78) n-propylbenzene	13.012	91	941142	50.495	ug/l	100
79) 2-Chlorotoluene	13.106	91	560153	49.359	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	665058	51.577	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	86617	50.728	ug/l	96
82) 4-Chlorotoluene	13.200	91	587172	51.348	ug/l	99
83) tert-Butylbenzene	13.418	119	551238	50.507	ug/l	95
84) 1,2,4-Trimethylbenzene	13.459	105	685359	51.819	ug/l	98
85) sec-Butylbenzene	13.594	105	812735	50.791	ug/l	98
86) p-Isopropyltoluene	13.706	119	693261	51.153	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	391597	50.593	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	388440	48.833	ug/l	97
89) n-Butylbenzene	14.035	91	646997	50.515	ug/l	99
90) Hexachloroethane	14.312	117	138063	48.769	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	375646	50.350	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	61668	49.412	ug/l	99
93) 1,2,4-Trichlorobenzene	15.370	180	219388	49.803	ug/l	97
94) Hexachlorobutadiene	15.476	225	78163	48.209	ug/l	97
95) Naphthalene	15.617	128	735834	52.038	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	212763	49.682	ug/l	99

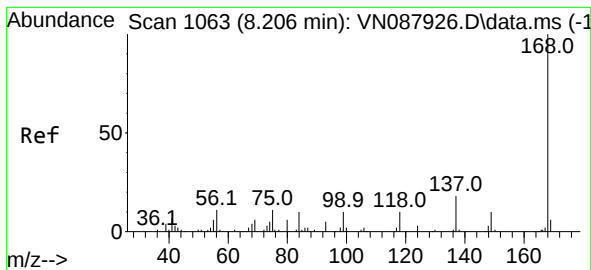
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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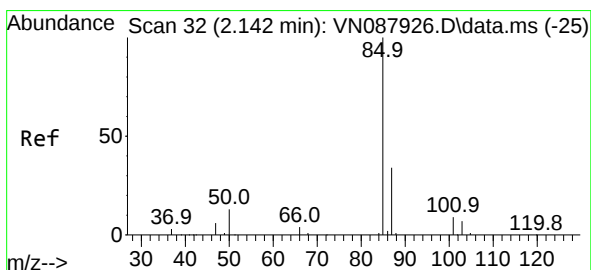
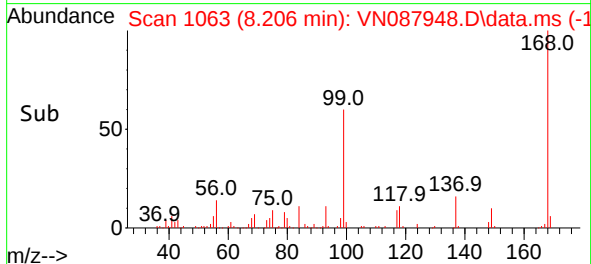
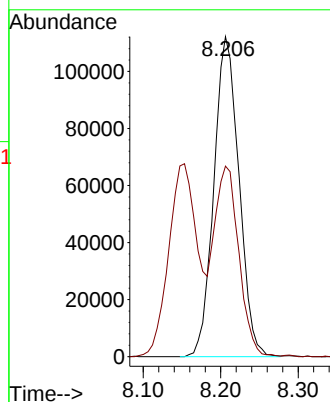
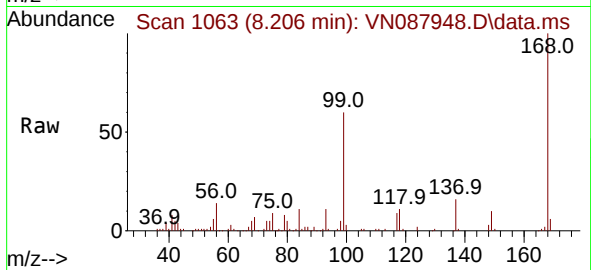
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

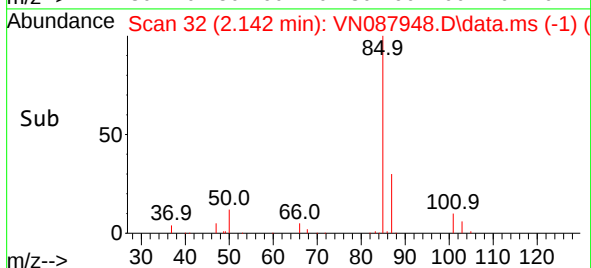
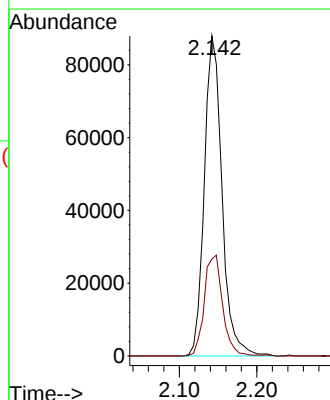
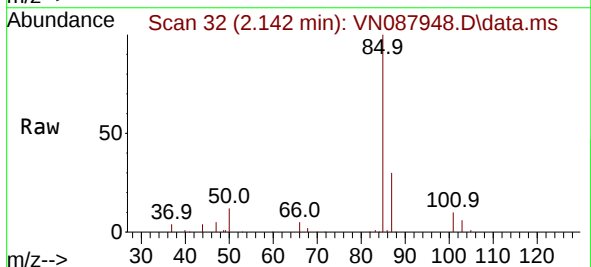
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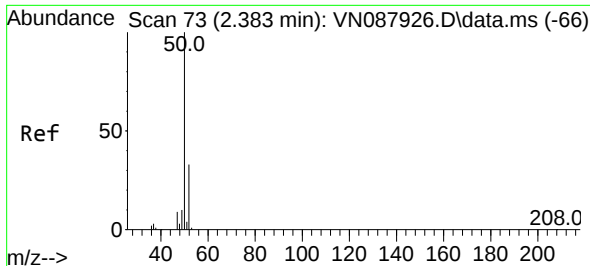
Tgt Ion:168 Resp: 252288
Ion Ratio Lower Upper
168 100
99 59.4 52.2 78.2



#2
Dichlorodifluoromethane
Concen: 47.699 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion: 85 Resp: 139364
Ion Ratio Lower Upper
85 100
87 30.3 16.9 50.6

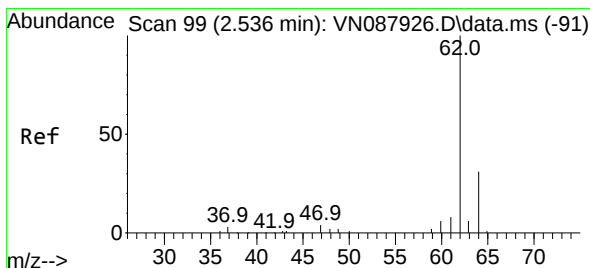
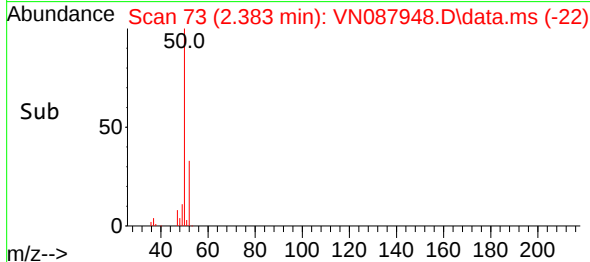
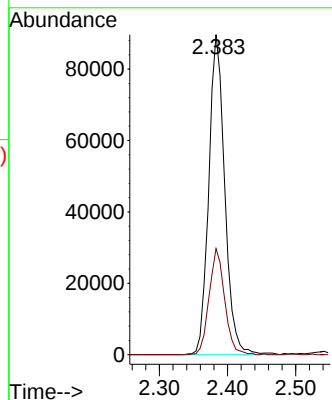
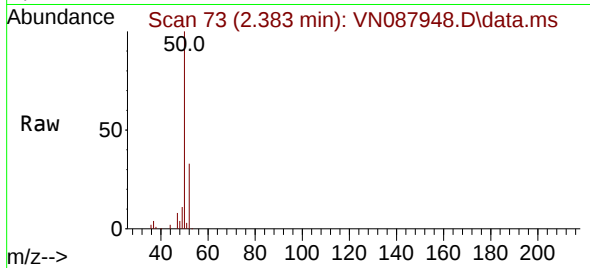




#3
Chloromethane
Concen: 48.936 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

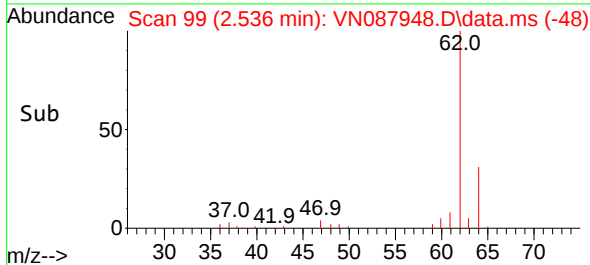
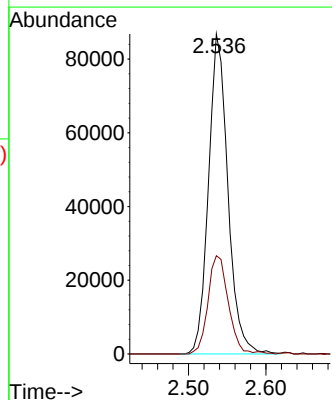
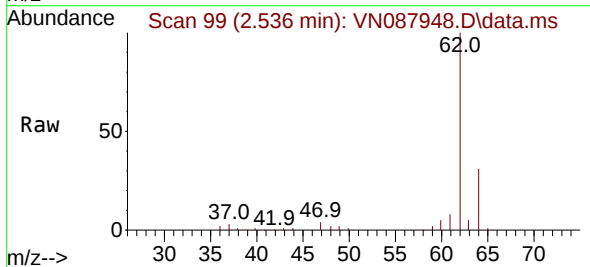
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ClientSampleId :

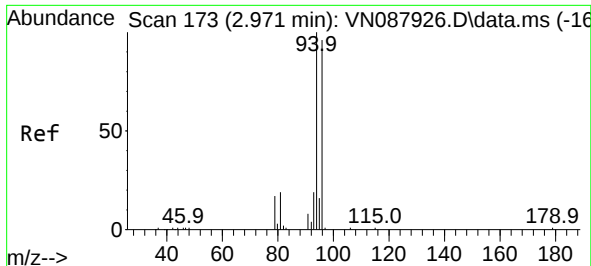
Tgt Ion: 50 Resp: 146395
Ion Ratio Lower Upper
50 100
52 33.2 26.6 40.0



#4
Vinyl Chloride
Concen: 49.486 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion: 62 Resp: 151034
Ion Ratio Lower Upper
62 100
64 30.7 25.2 37.8

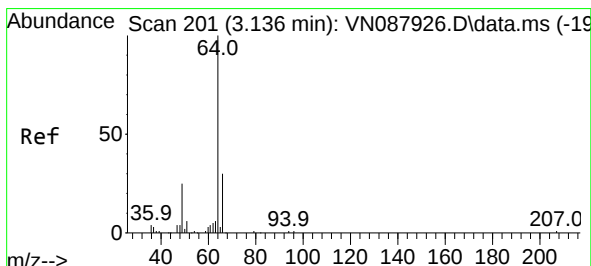
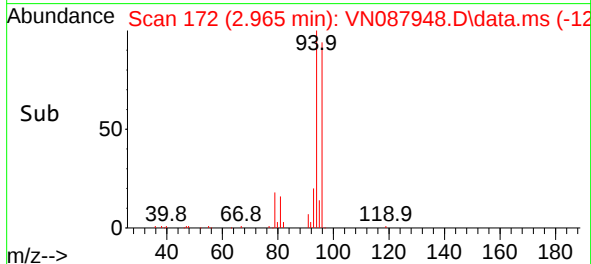
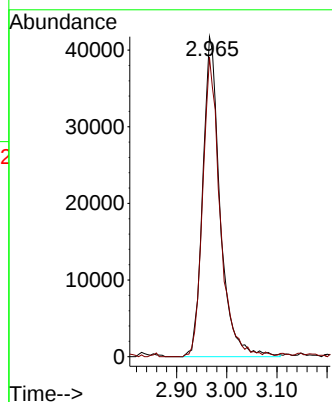
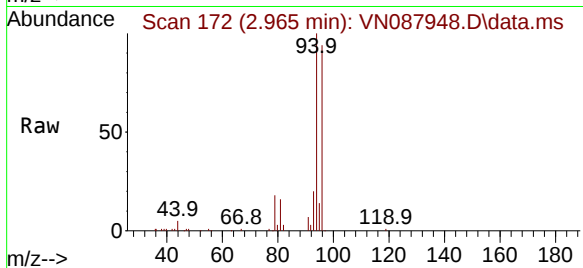




#5
Bromomethane
Concen: 53.032 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

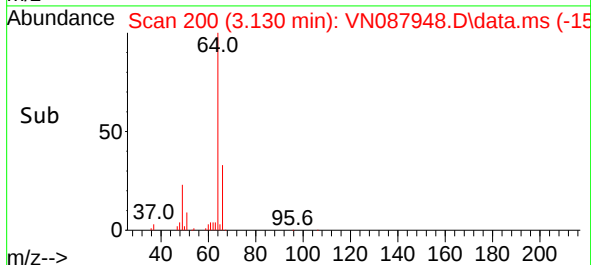
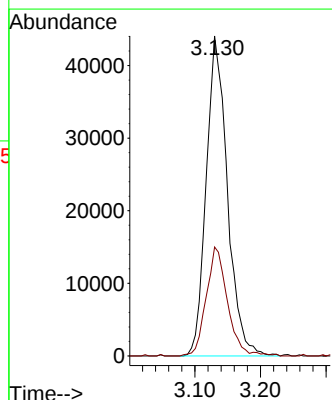
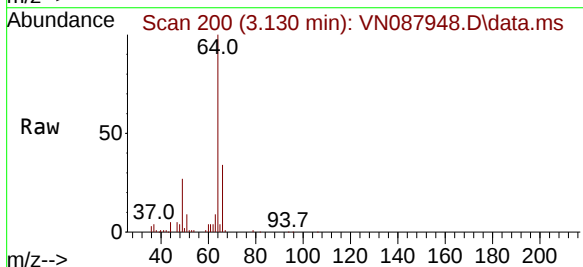
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 100344
Ion Ratio Lower Upper
94 100
96 93.6 76.8 115.2



#6
Chloroethane
Concen: 49.948 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion: 64 Resp: 99120
Ion Ratio Lower Upper
64 100
66 34.1 23.8 35.8

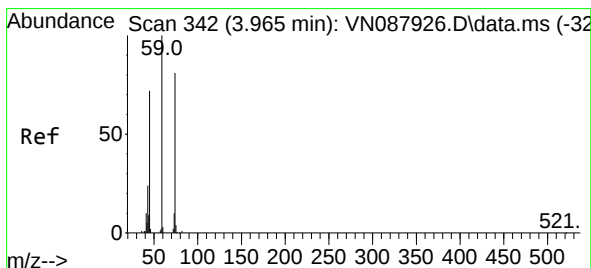
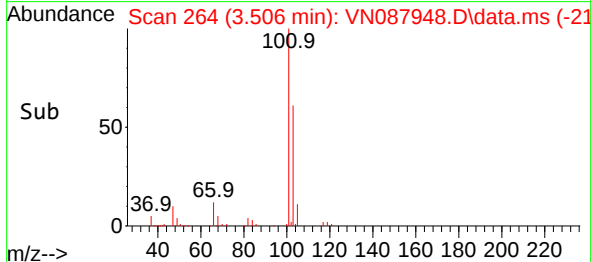
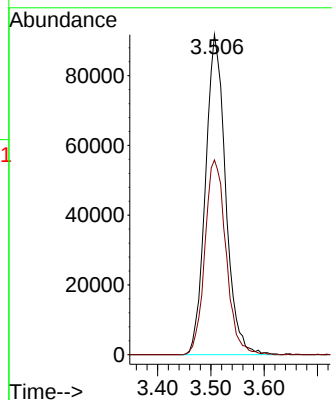
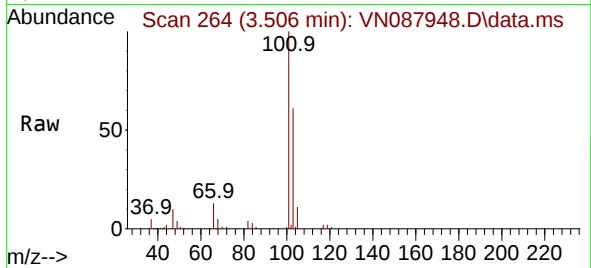




#7
 Trichlorofluoromethane
 Concen: 48.431 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN087948.D
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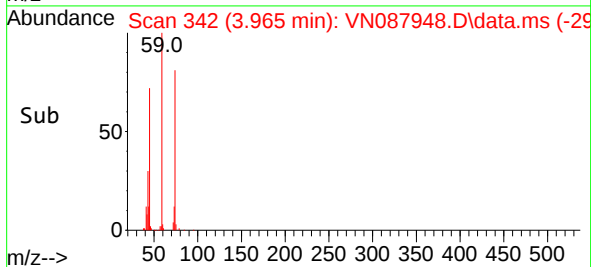
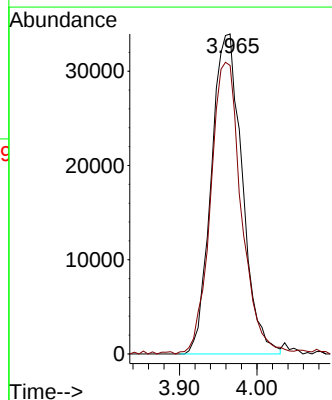
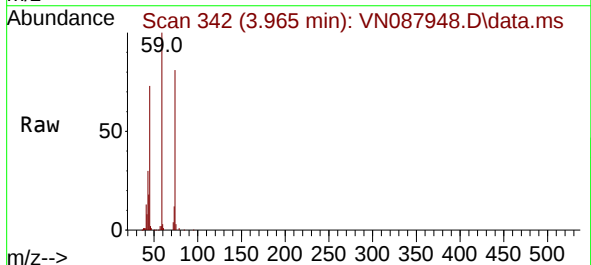
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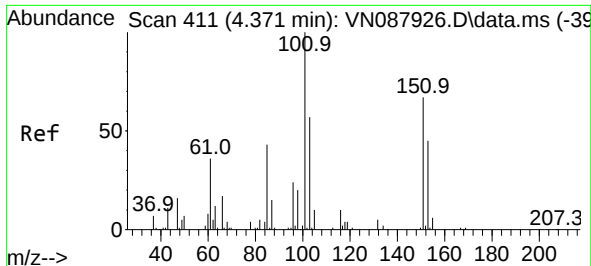
Tgt Ion:101 Resp: 240668
 Ion Ratio Lower Upper
 101 100
 103 60.9 50.2 75.4



#8
 Diethyl Ether
 Concen: 50.084 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN087948.D
 Acq: 25 Sep 2025 12:04

Tgt Ion: 74 Resp: 94025
 Ion Ratio Lower Upper
 74 100
 45 91.1 45.4 136.1

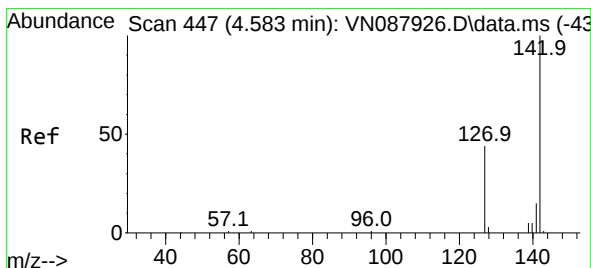
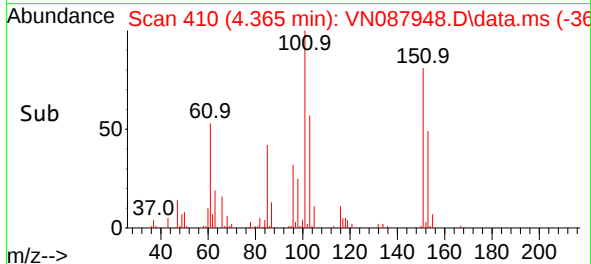
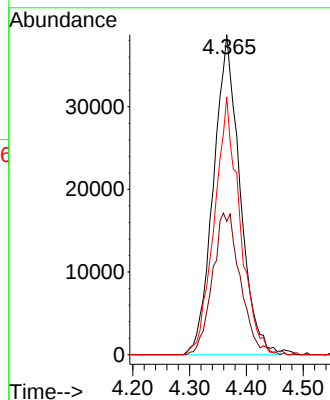
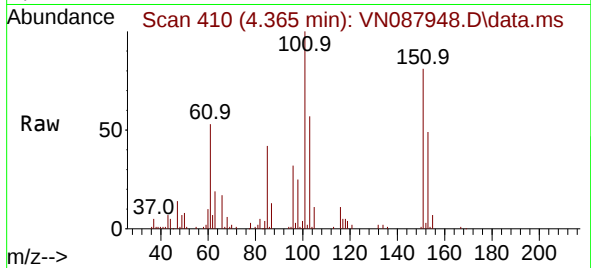




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.643 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087948.D
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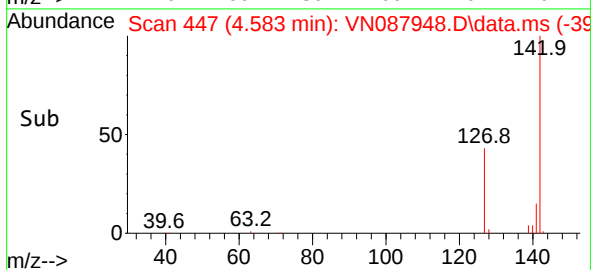
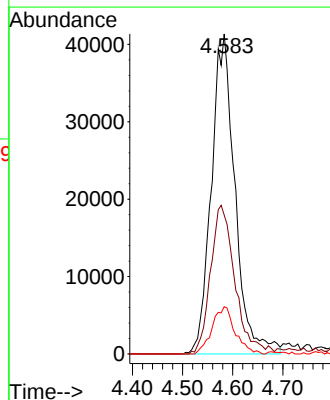
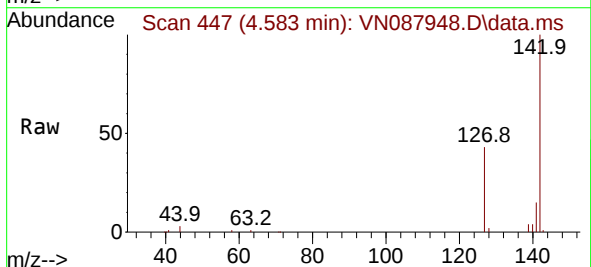
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ClientSampleId :

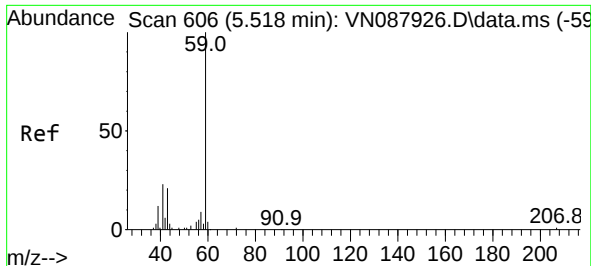
Tgt Ion:101 Resp: 125130
Ion Ratio Lower Upper
101 100
85 46.8 36.5 54.7
151 78.0 58.6 87.8



#10
Methyl Iodide
Concen: 57.259 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

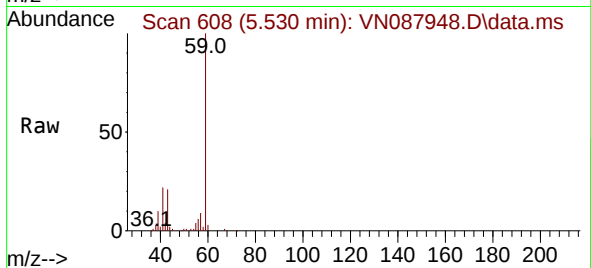
Tgt Ion:142 Resp: 135349
Ion Ratio Lower Upper
142 100
127 43.4 35.3 52.9
141 14.7 11.8 17.8



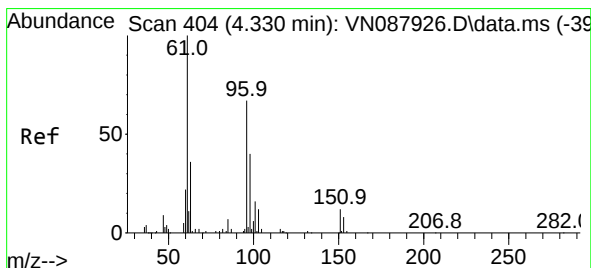
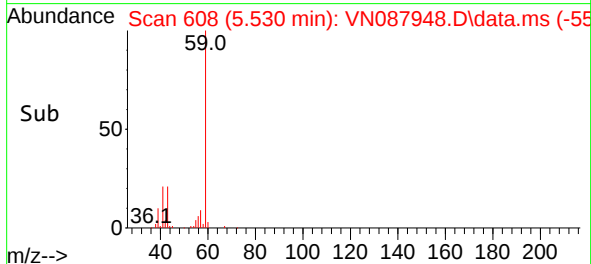
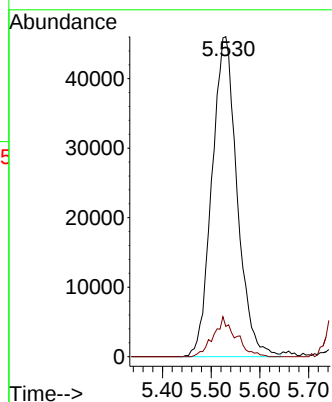


#11
Tert butyl alcohol
Concen: 271.032 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Instrument :
MSVOA_N
ClientSampleId :

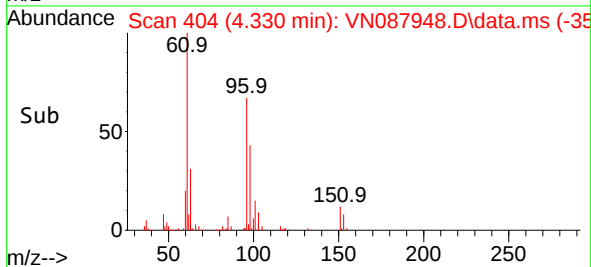
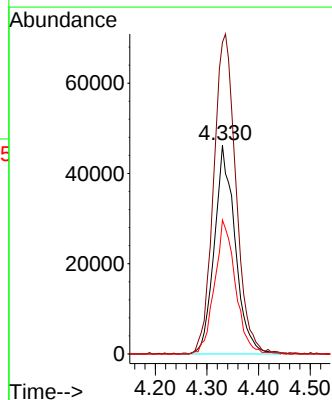
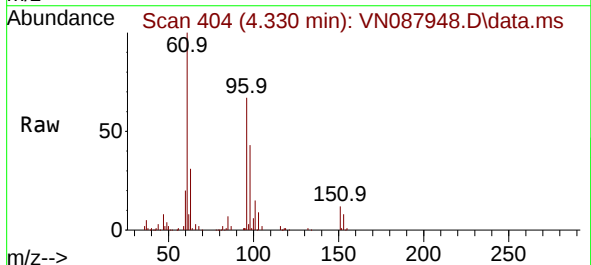


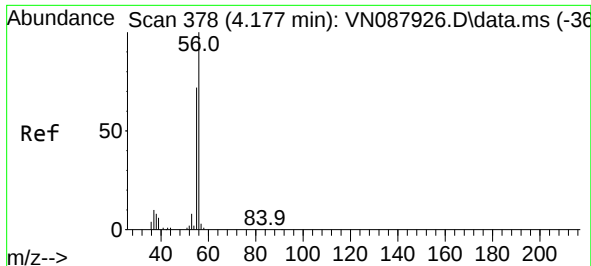
Tgt Ion: 59 Resp: 165748
Ion Ratio Lower Upper
59 100
57 11.1 8.8 13.2



#12
1,1-Dichloroethene
Concen: 48.788 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion: 96 Resp: 129291
Ion Ratio Lower Upper
96 100
61 149.3 119.2 178.8
98 64.2 47.5 71.3





#13

Acrolein

Concen: 251.254 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Instrument :

MSVOA_N

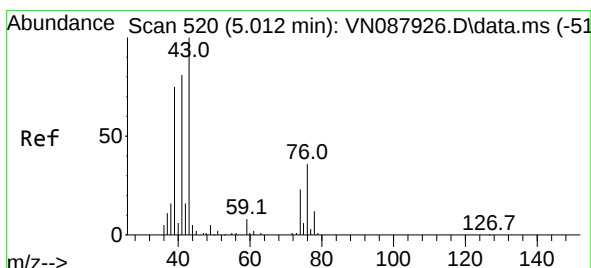
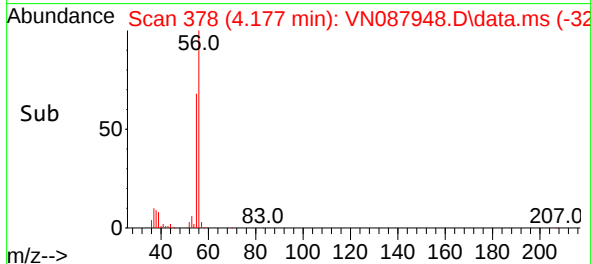
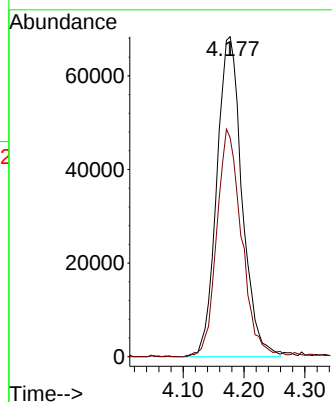
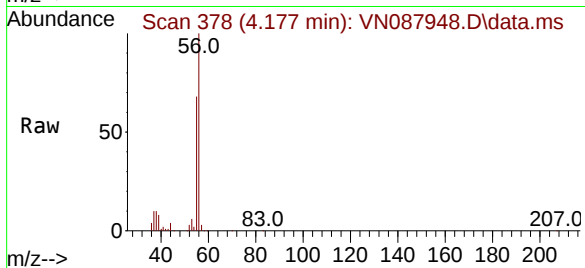
ClientSampleId :

Tgt Ion: 56 Resp: 197153

Ion Ratio Lower Upper

56 100

55 70.2 59.3 88.9



#14

Allyl chloride

Concen: 49.426 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

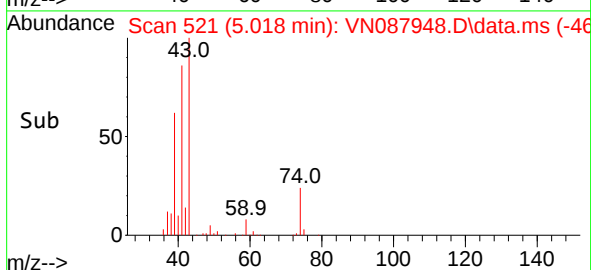
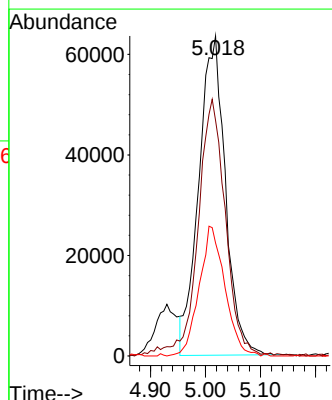
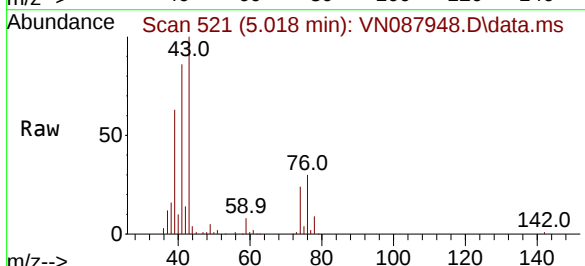
Tgt Ion: 41 Resp: 213241

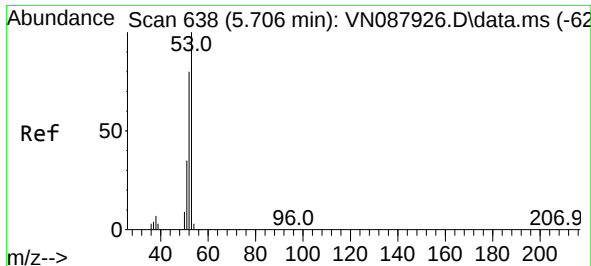
Ion Ratio Lower Upper

41 100

39 83.2 63.8 95.8

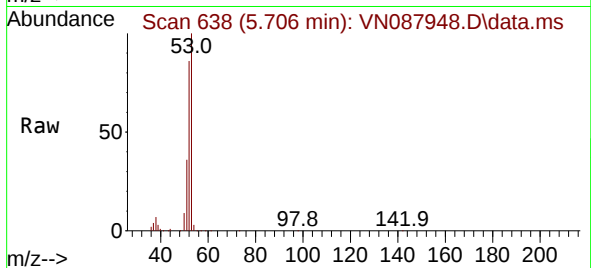
76 39.3 33.0 49.6



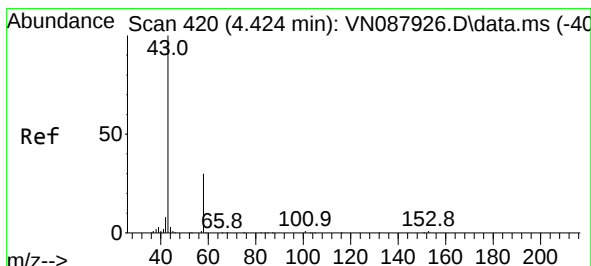
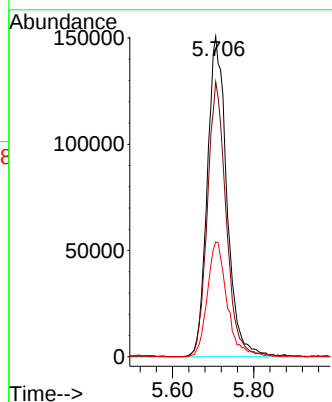
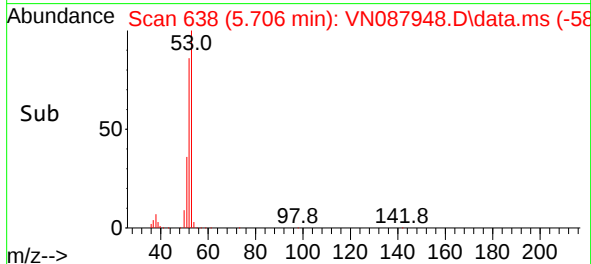


#15
Acrylonitrile
Concen: 262.332 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Instrument :
MSVOA_N
ClientSampleId :

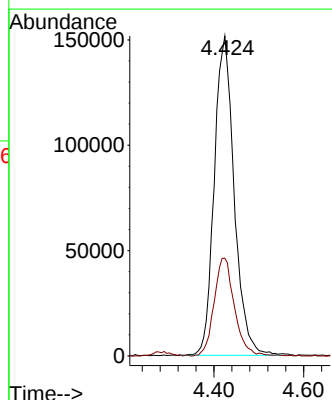
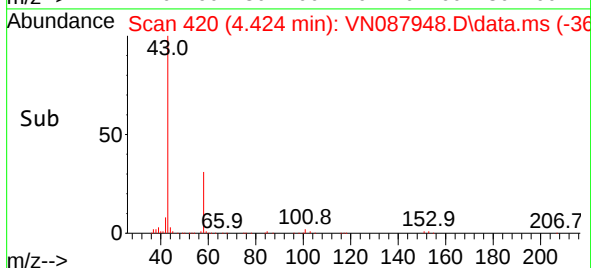
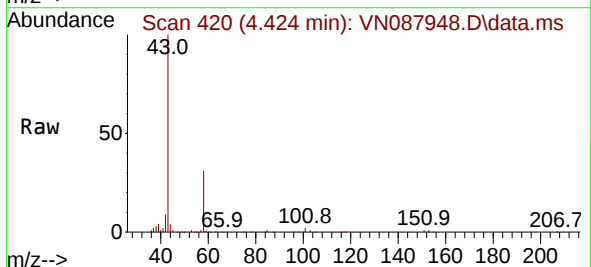


Tgt Ion: 53 Resp: 503222
Ion Ratio Lower Upper
53 100
52 82.5 66.6 99.8
51 36.4 29.0 43.4



#16
Acetone
Concen: 268.115 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion: 43 Resp: 468375
Ion Ratio Lower Upper
43 100
58 30.4 24.1 36.1

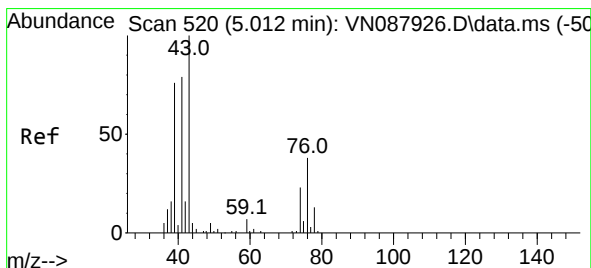
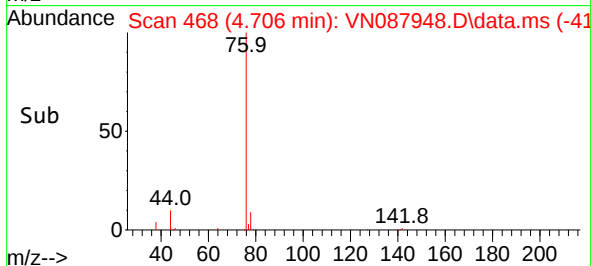
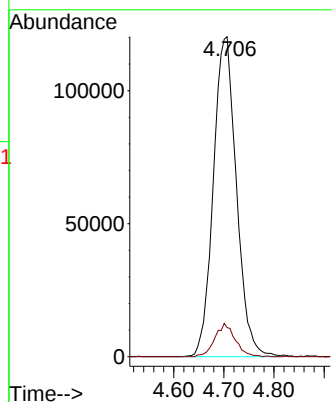
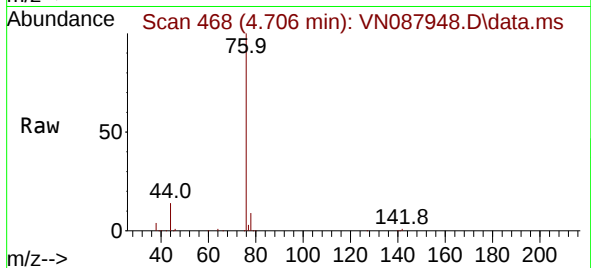




#17
Carbon Disulfide
Concen: 46.415 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

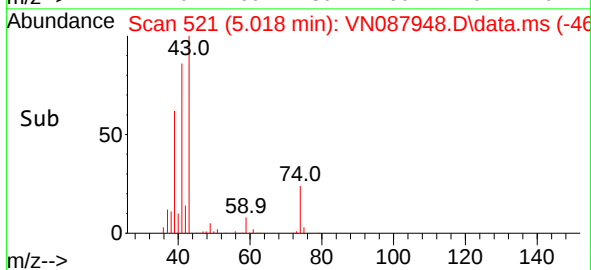
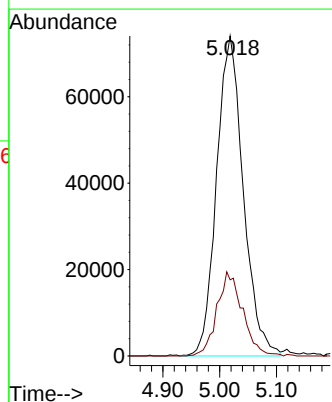
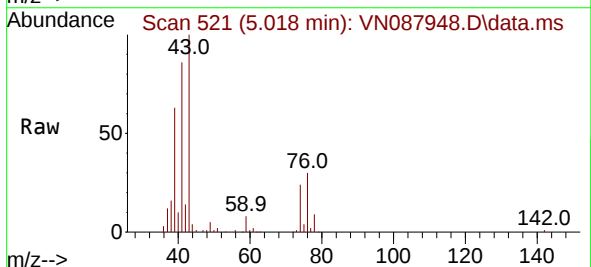
Instrument :
MSVOA_N
ClientSampleId :

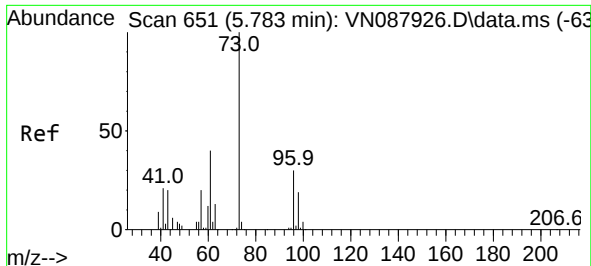
Tgt Ion: 76 Resp: 384315
Ion Ratio Lower Upper
76 100
78 9.1 6.7 10.1



#18
Methyl Acetate
Concen: 55.411 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion: 43 Resp: 242249
Ion Ratio Lower Upper
43 100
74 25.1 19.7 29.5

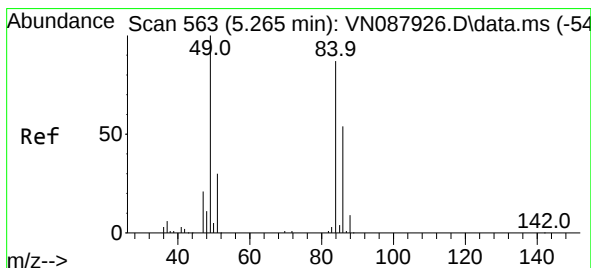
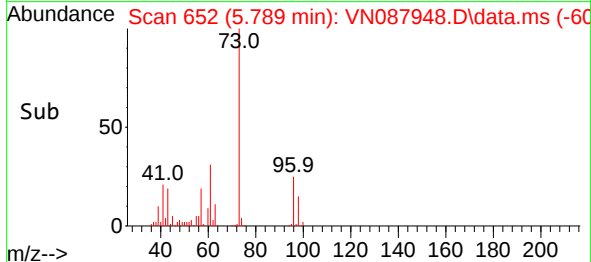
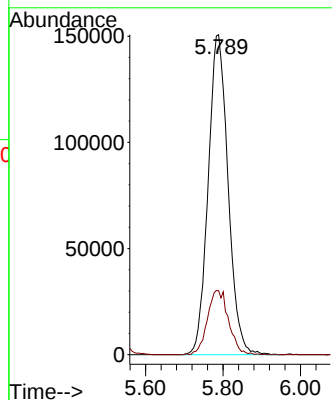
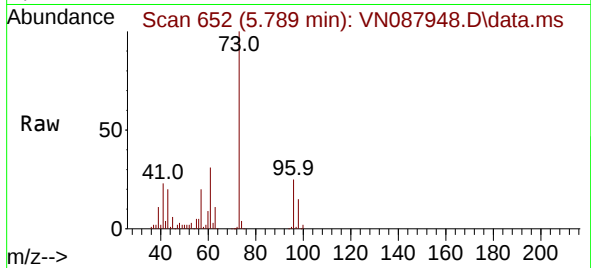




#19
Methyl tert-butyl Ether
Concen: 51.896 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

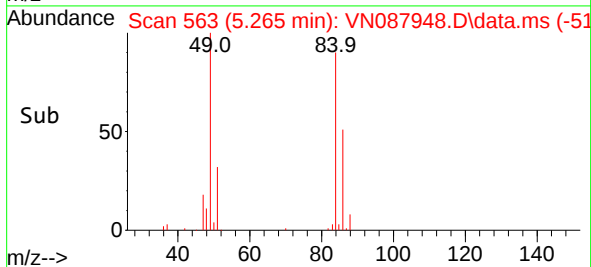
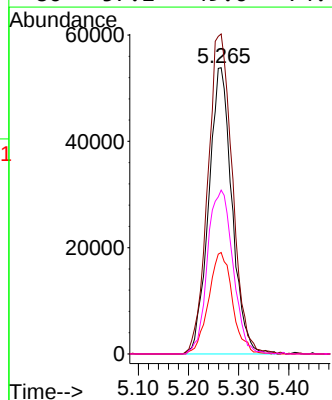
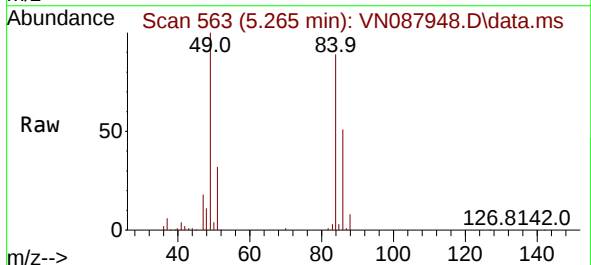
Instrument :
MSVOA_N
ClientSampleId :

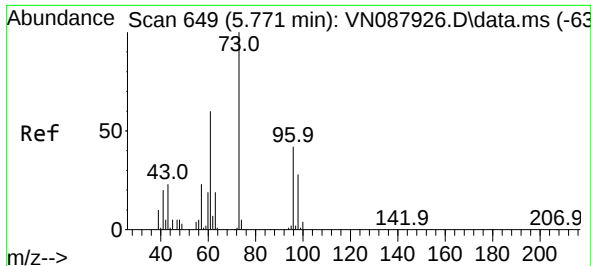
Tgt Ion: 73 Resp: 537240
Ion Ratio Lower Upper
73 100
57 20.0 16.3 24.5



#20
Methylene Chloride
Concen: 49.116 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

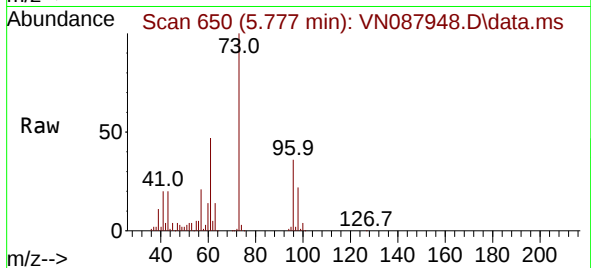
Tgt Ion: 84 Resp: 173671
Ion Ratio Lower Upper
84 100
49 111.8 92.1 138.1
51 35.4 27.7 41.5
86 57.2 49.6 74.4



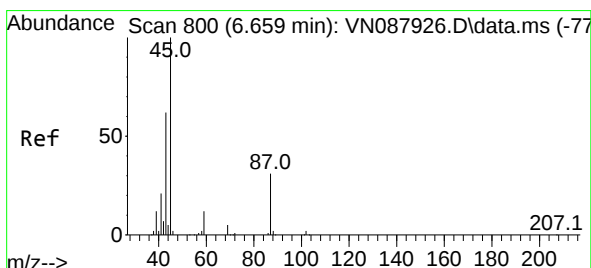
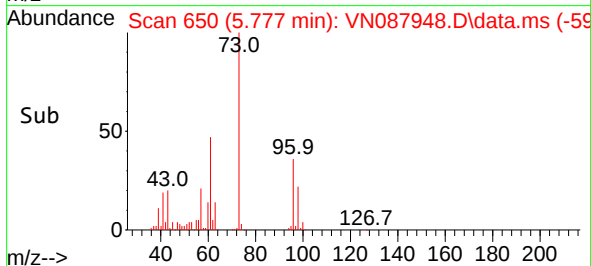
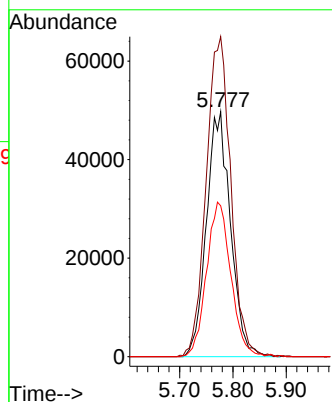


#21
trans-1,2-Dichloroethene
Concen: 47.970 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Instrument :
MSVOA_N
ClientSampleId :

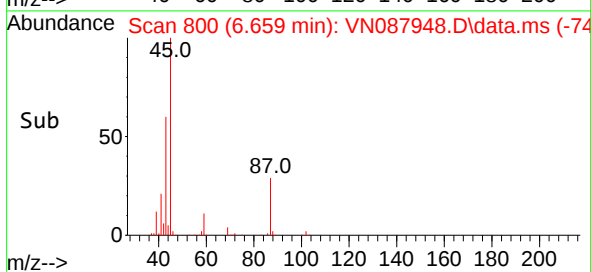
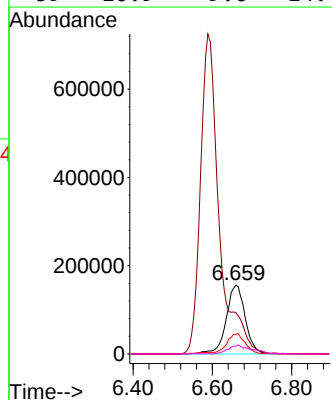
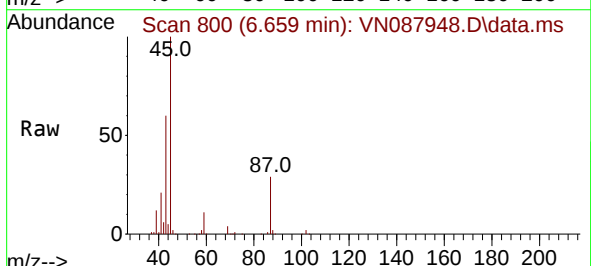


Tgt Ion: 96 Resp: 155843
Ion Ratio Lower Upper
96 100
61 130.1 114.4 171.6
98 61.6 53.6 80.4



#22
Diisopropyl ether
Concen: 51.507 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion: 45 Resp: 518759
Ion Ratio Lower Upper
45 100
43 60.2 49.9 74.9
87 28.7 25.2 37.8
59 10.9 9.6 14.4

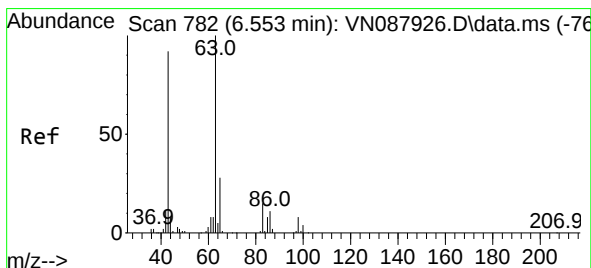
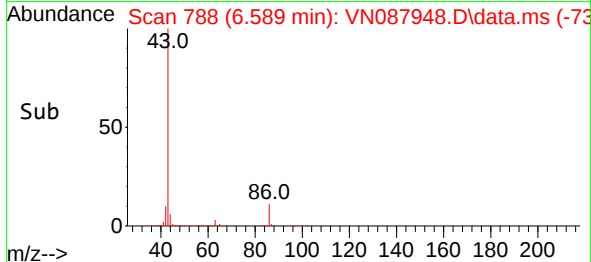
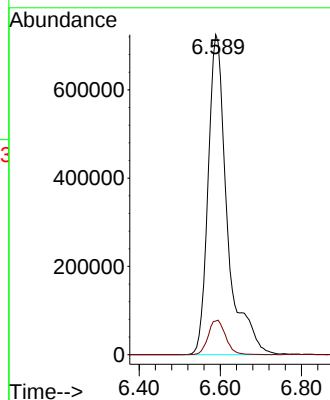
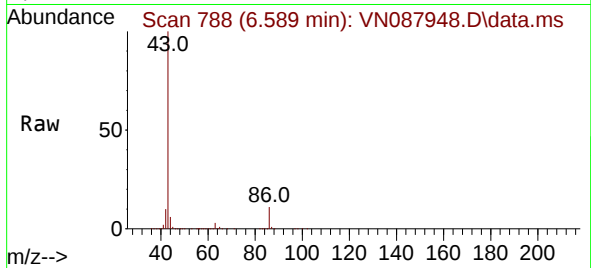




#23
 Vinyl Acetate
 Concen: 279.393 ug/l
 RT: 6.589 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN087948.D
 Acq: 25 Sep 2025 12:04

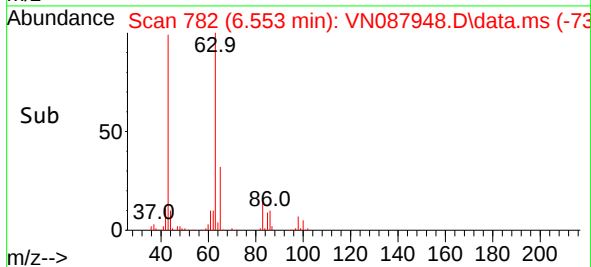
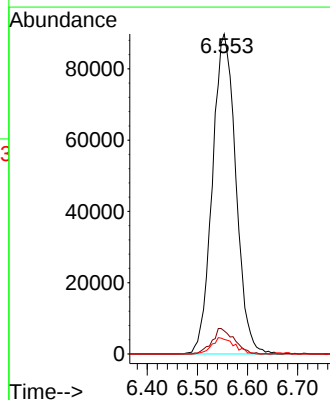
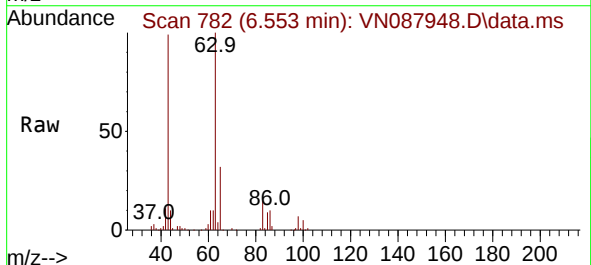
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 43 Resp: 2369316
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 49.600 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087948.D
 Acq: 25 Sep 2025 12:04

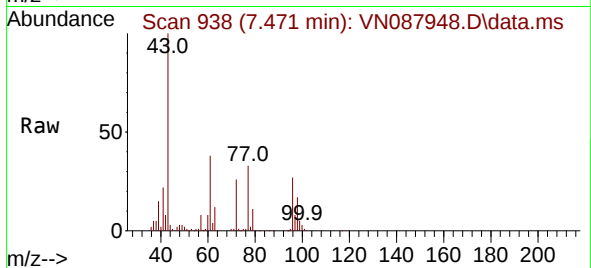
Tgt Ion: 63 Resp: 291853
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.5
 100 4.6 2.1 6.5



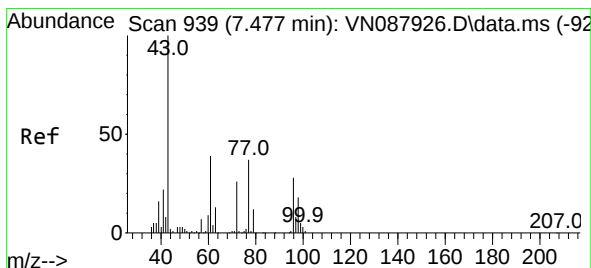
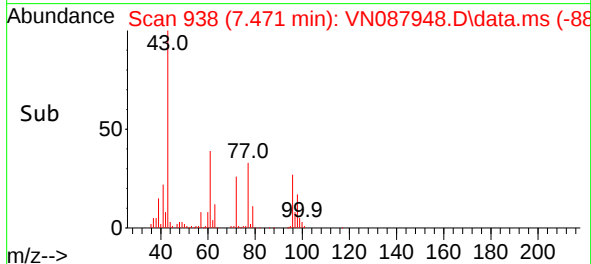
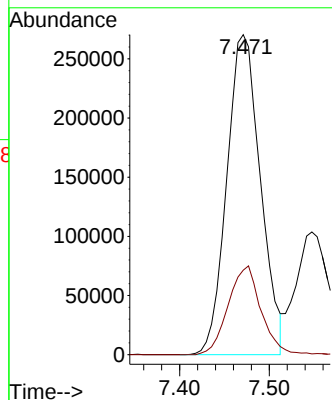


#25
2-Butanone
Concen: 263.713 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Instrument :
MSVOA_N
ClientSampleId :

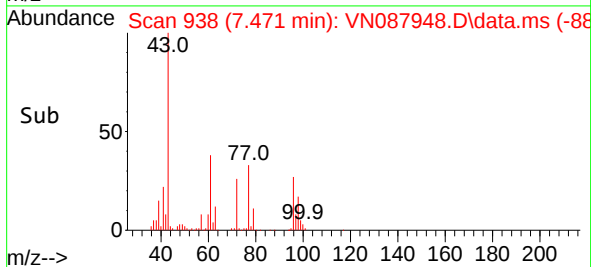
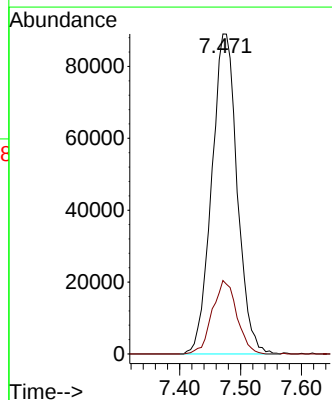
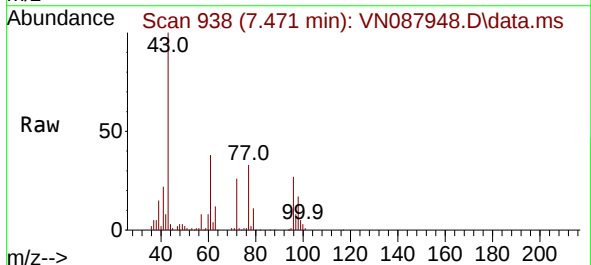


Tgt Ion: 43 Resp: 704136
Ion Ratio Lower Upper
43 100
72 26.4 21.5 32.3



#26
2,2-Dichloropropane
Concen: 49.573 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

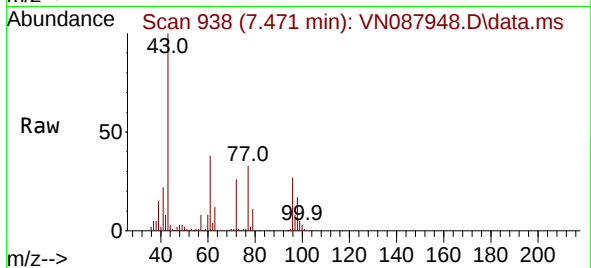
Tgt Ion: 77 Resp: 259162
Ion Ratio Lower Upper
77 100
97 22.1 11.5 34.5



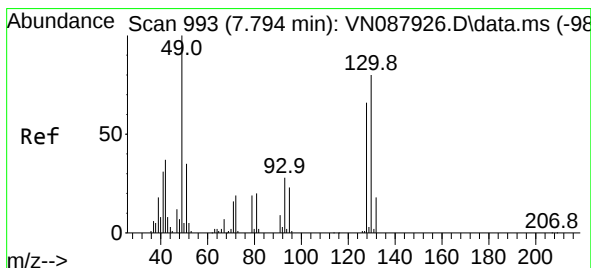
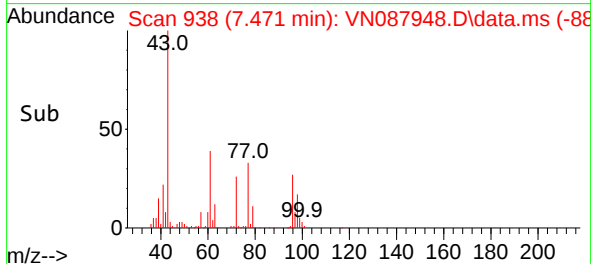
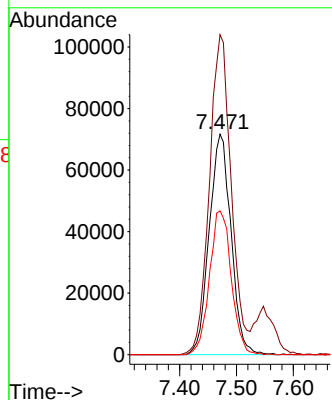


#27
 cis-1,2-Dichloroethene
 Concen: 49.376 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087948.D
 Acq: 25 Sep 2025 12:04

Instrument :
 MSVOA_N
 ClientSampleId :

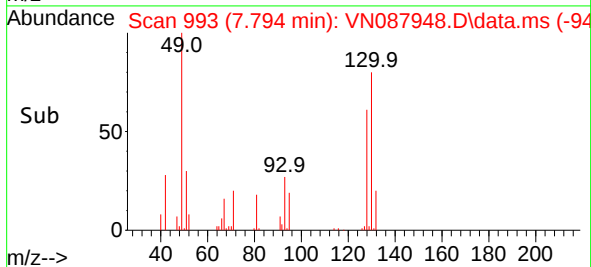
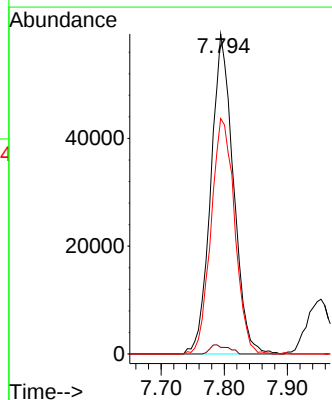
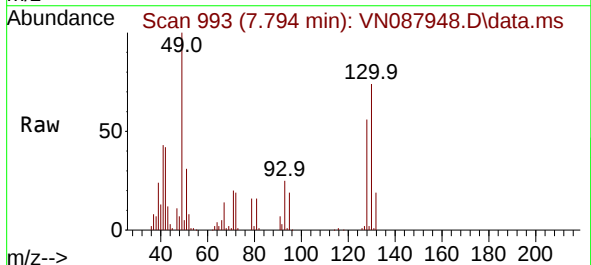


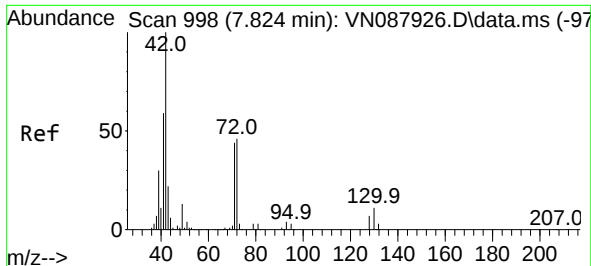
Tgt Ion: 96 Resp: 190867
 Ion Ratio Lower Upper
 96 100
 61 145.7 0.0 283.0
 98 65.1 0.0 127.6



#28
 Bromochloromethane
 Concen: 46.036 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN087948.D
 Acq: 25 Sep 2025 12:04

Tgt Ion: 49 Resp: 147175
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.4
 130 77.0 62.6 94.0





#29

Tetrahydrofuran

Concen: 267.483 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

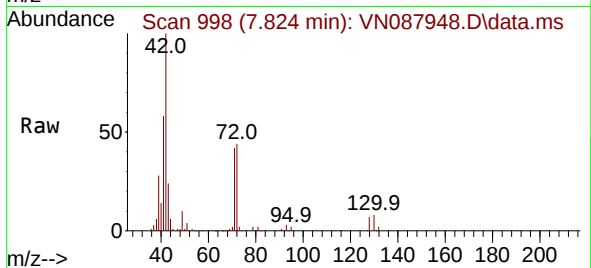
Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :



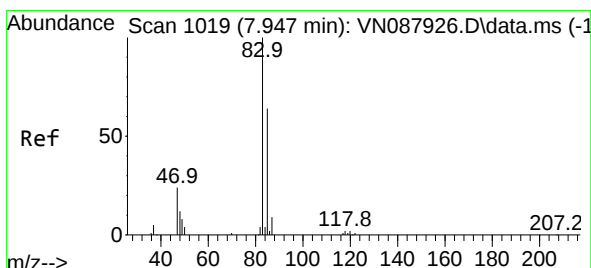
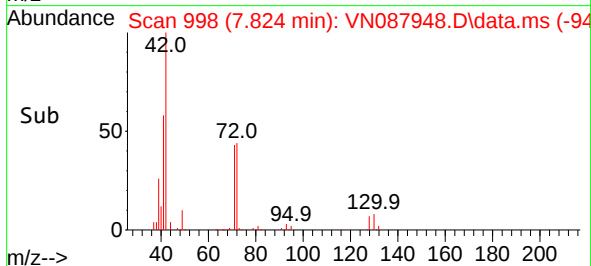
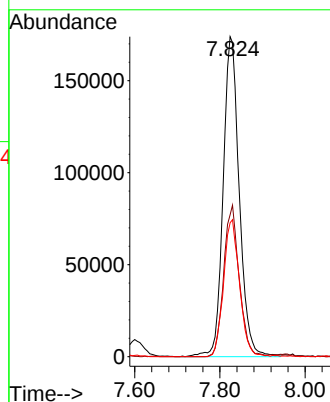
Tgt Ion: 42 Resp: 457315

Ion Ratio Lower Upper

42 100

72 45.5 36.5 54.7

71 42.4 33.8 50.8



#30

Chloroform

Concen: 49.398 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087948.D

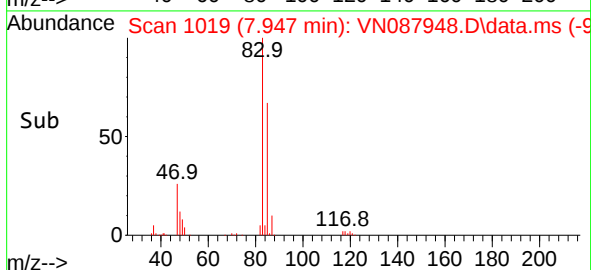
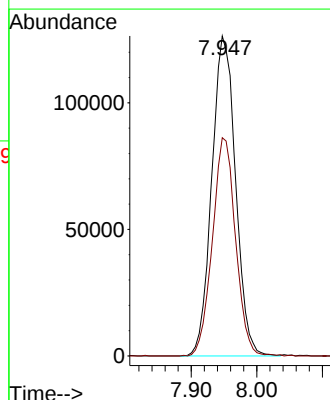
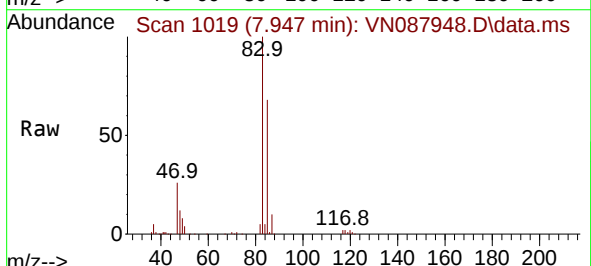
Acq: 25 Sep 2025 12:04

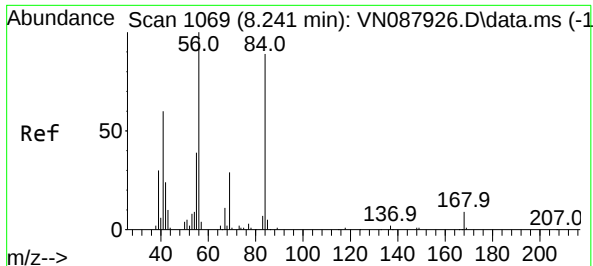
Tgt Ion: 83 Resp: 317816

Ion Ratio Lower Upper

83 100

85 68.2 50.9 76.3





#31

Cyclohexane

Concen: 48.030 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

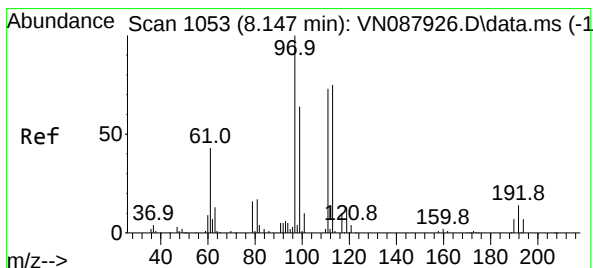
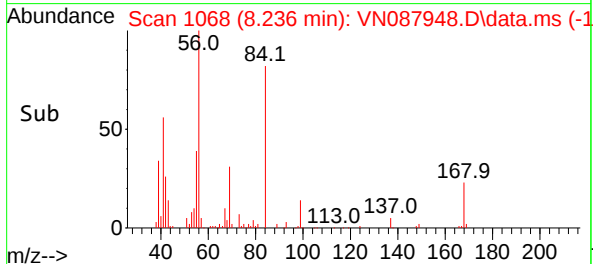
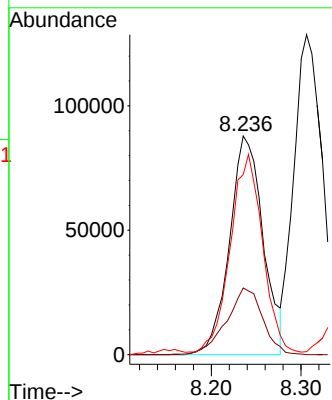
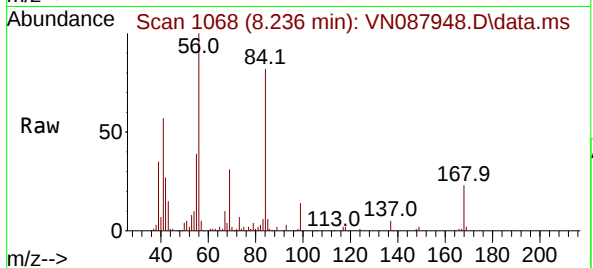
Tgt Ion: 56 Resp: 228674

Ion Ratio Lower Upper

56 100

69 30.3 23.4 35.0

84 80.7 70.8 106.2



#32

1,1,1-Trichloroethane

Concen: 49.059 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

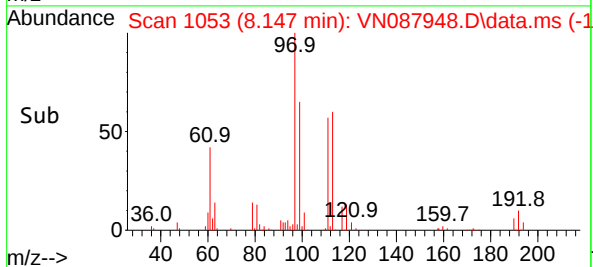
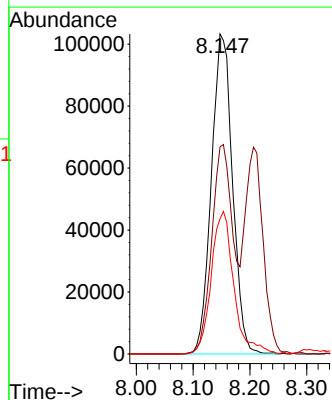
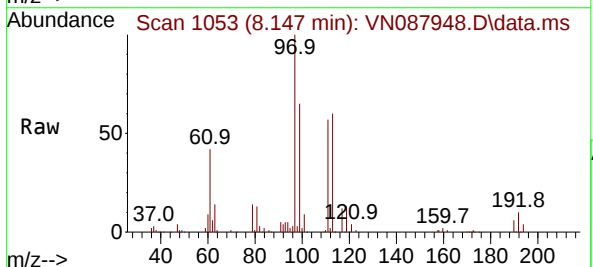
Tgt Ion: 97 Resp: 266706

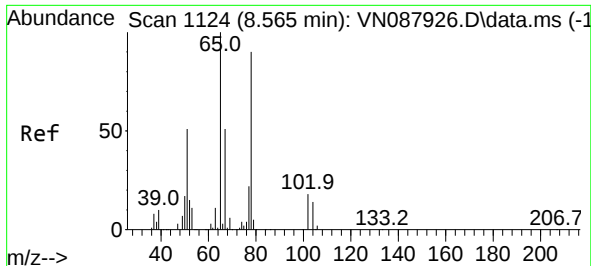
Ion Ratio Lower Upper

97 100

99 66.8 51.1 76.7

61 47.5 38.6 58.0

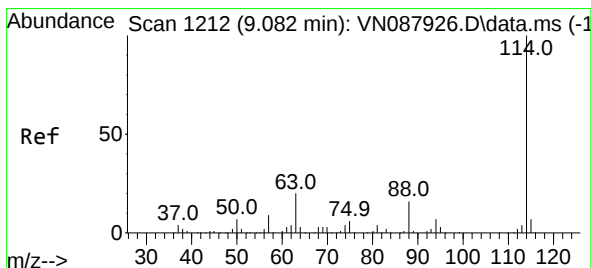
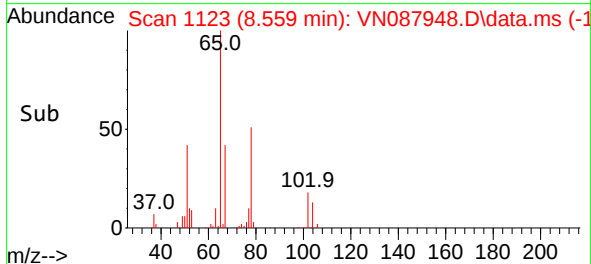
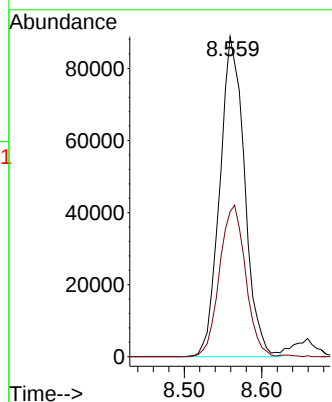
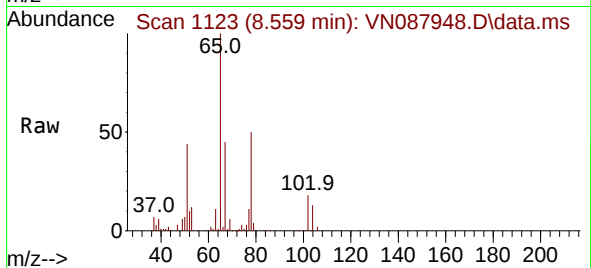




#33
 1,2-Dichloroethane-d4
 Concen: 46.582 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: VN087948.D
 Acq: 25 Sep 2025 12:04

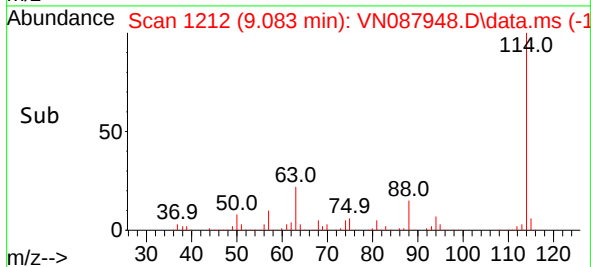
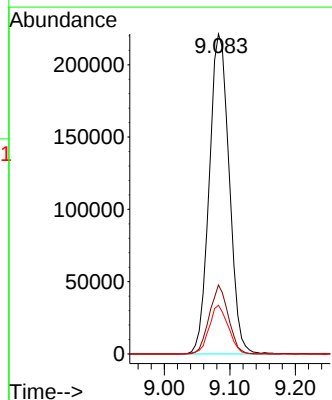
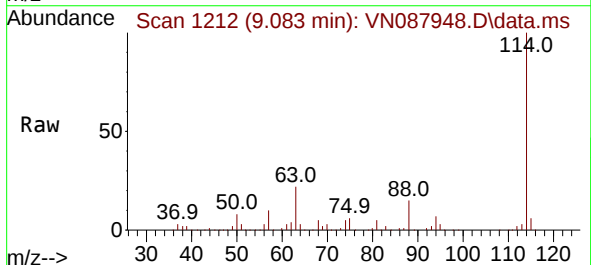
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 65 Resp: 197777
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.083 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087948.D
 Acq: 25 Sep 2025 12:04

Tgt Ion: 114 Resp: 466714
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 40.0
 88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 44.597 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

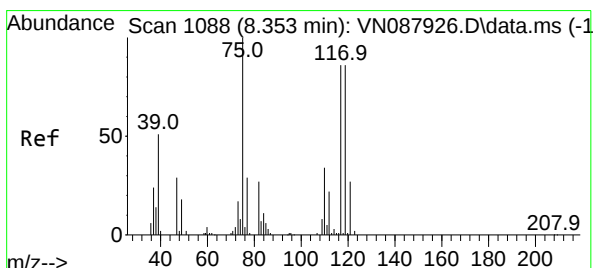
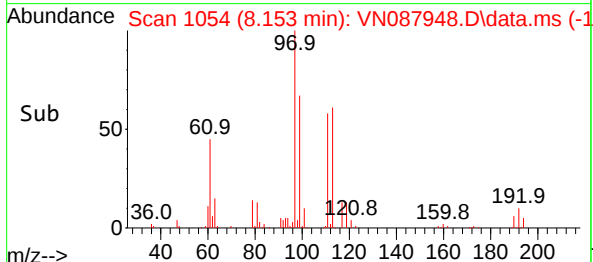
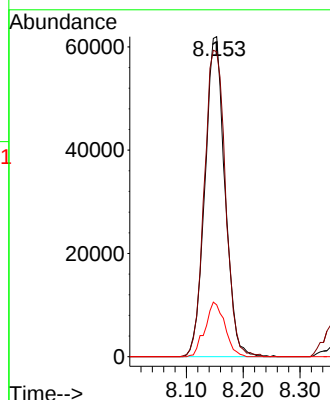
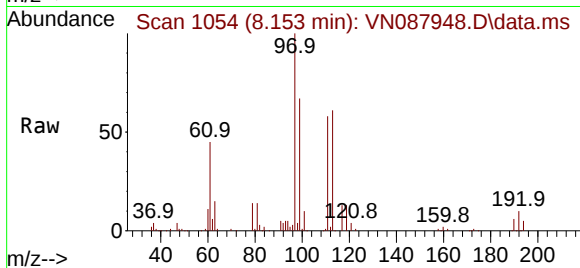
Tgt Ion:113 Resp: 151123

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

192 16.9 14.2 21.2



#36

1,1-Dichloropropene

Concen: 49.205 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

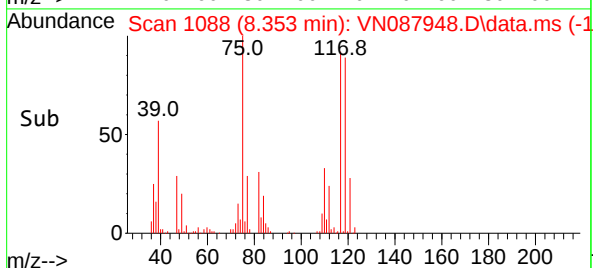
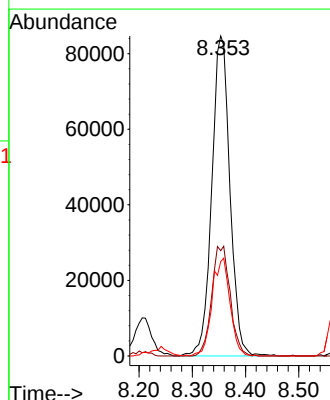
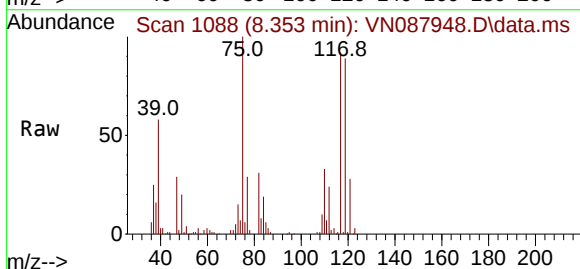
Tgt Ion: 75 Resp: 200491

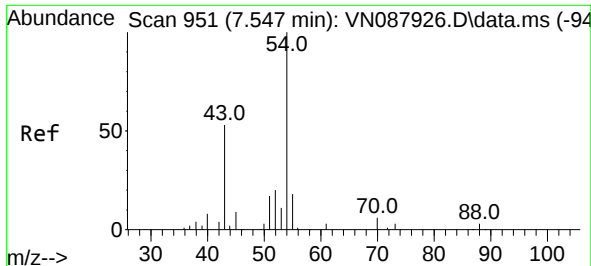
Ion Ratio Lower Upper

75 100

110 35.0 17.1 51.3

77 30.3 24.8 37.2

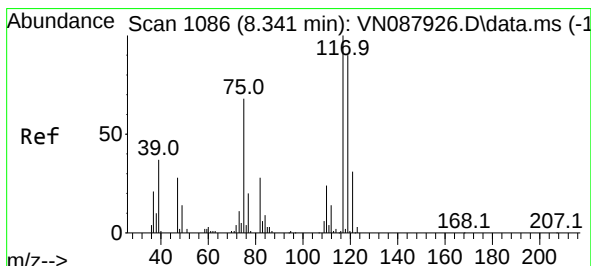
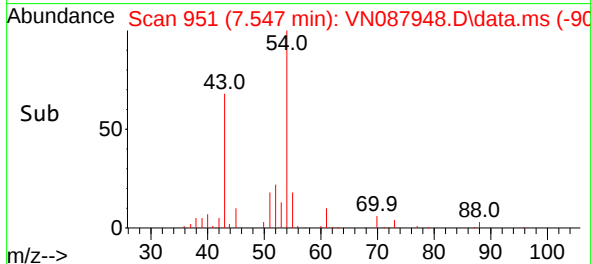
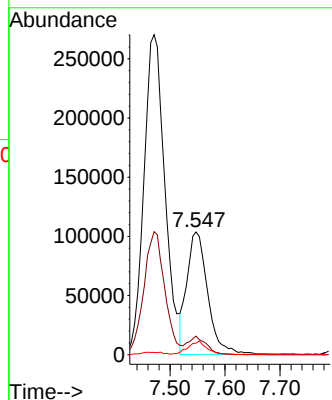
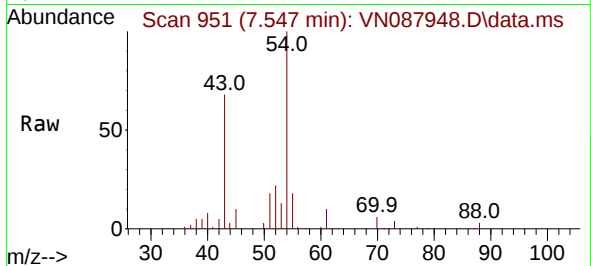




#37
Ethyl Acetate
Concen: 50.766 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

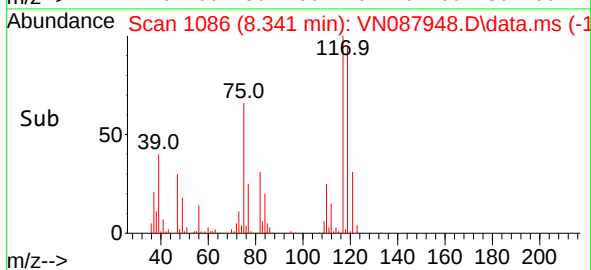
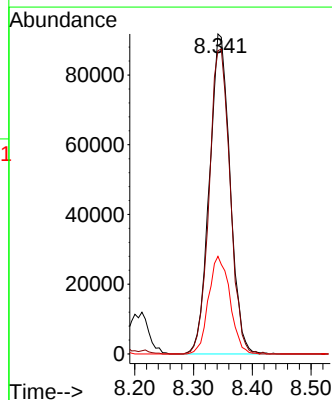
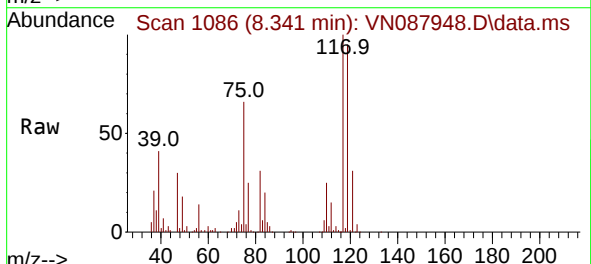
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 271630
Ion Ratio Lower Upper
43 100
61 13.1 10.7 16.1
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 47.879 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion: 117 Resp: 223861
Ion Ratio Lower Upper
117 100
119 94.8 72.1 108.1
121 30.5 24.6 36.8





#39

Methylcyclohexane

Concen: 47.819 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

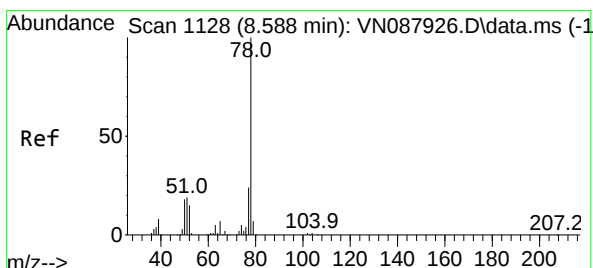
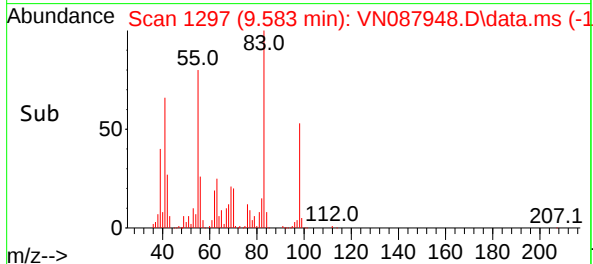
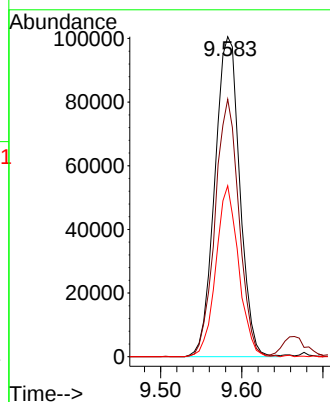
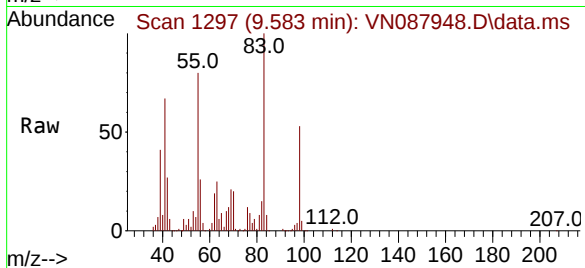
Tgt Ion: 83 Resp: 214941

Ion Ratio Lower Upper

83 100

55 80.5 59.9 89.9

98 53.4 37.4 56.2



#40

Benzene

Concen: 49.372 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN087948.D

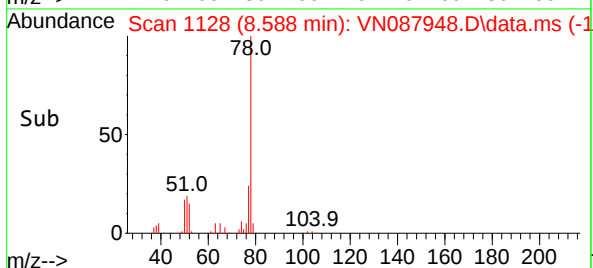
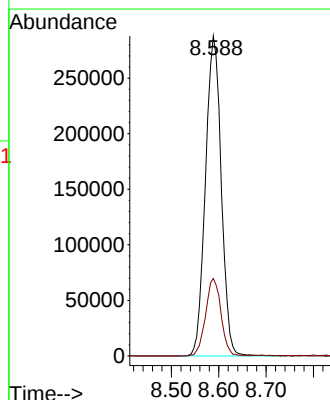
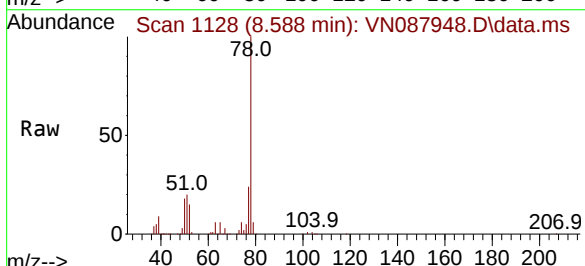
Acq: 25 Sep 2025 12:04

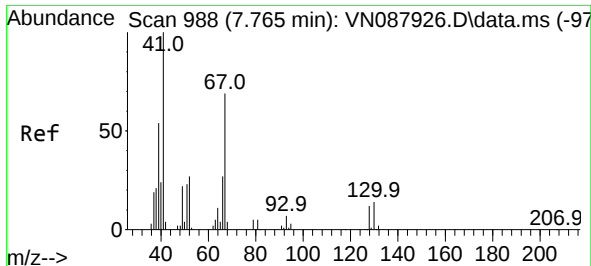
Tgt Ion: 78 Resp: 666089

Ion Ratio Lower Upper

78 100

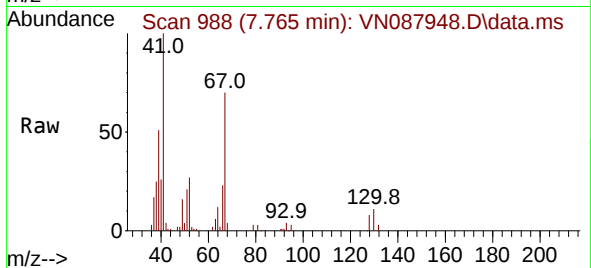
77 24.2 19.0 28.6



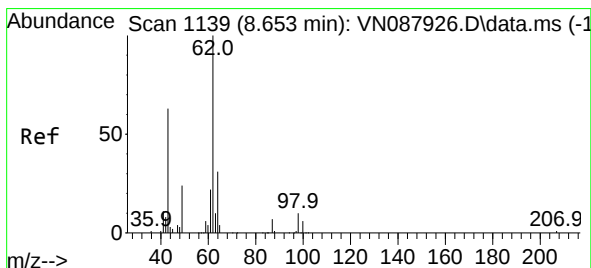
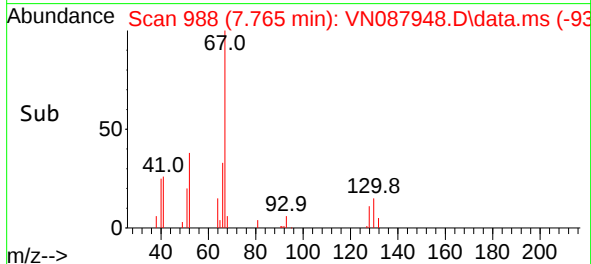
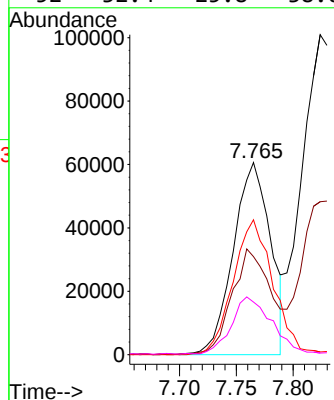


#41
Methacrylonitrile
Concen: 50.108 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Instrument :
MSVOA_N
ClientSampleId :

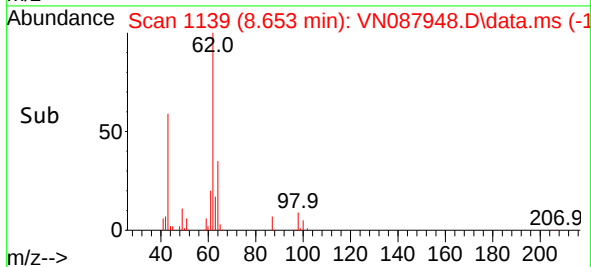
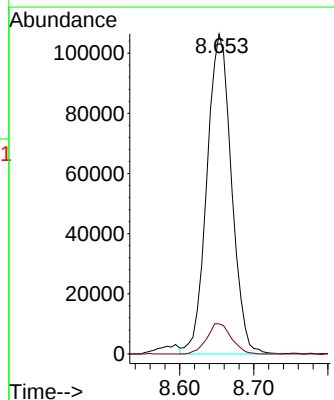
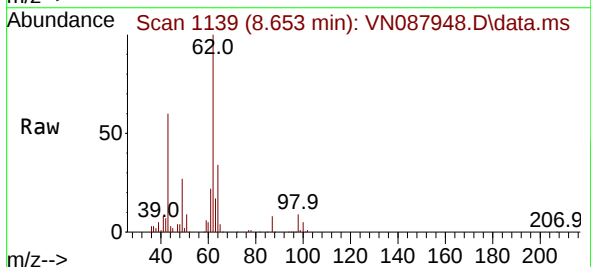


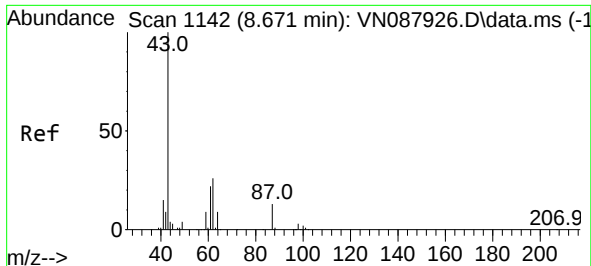
Tgt Ion:	41	Resp:	138556
Ion Ratio	Lower	Upper	
41	100		
39	59.6	43.5	65.3
67	76.2	57.6	86.4
52	32.4	25.8	38.6



#42
1,2-Dichloroethane
Concen: 48.653 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

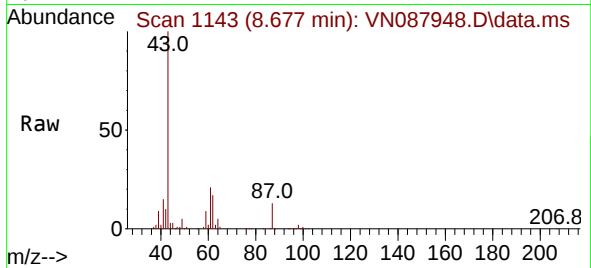
Tgt Ion:	62	Resp:	244954
Ion Ratio	Lower	Upper	
62	100		
98	9.5	0.0	18.6



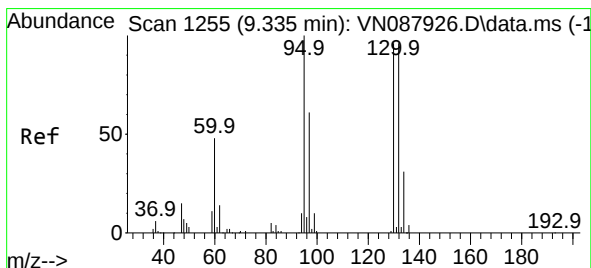
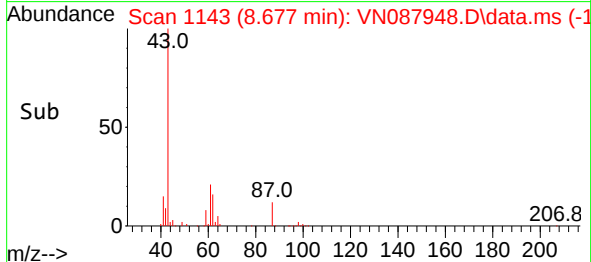
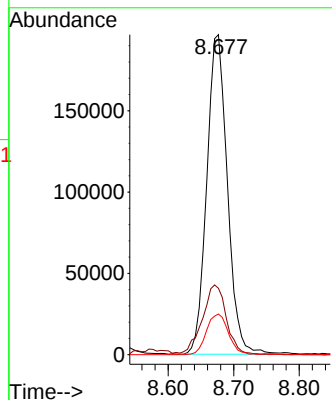


#43
Isopropyl Acetate
Concen: 51.072 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Instrument :
MSVOA_N
ClientSampleId :

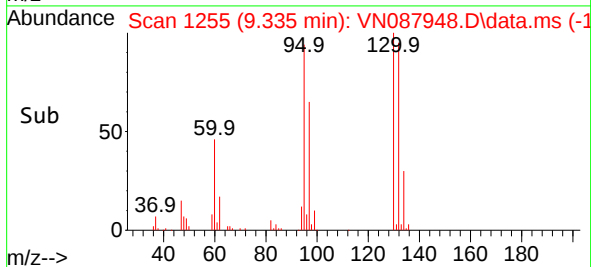
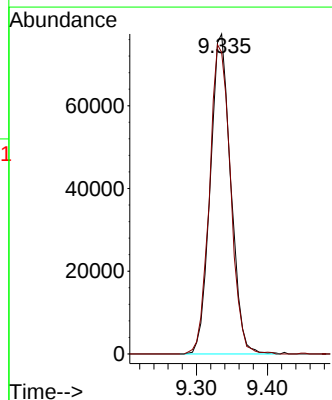
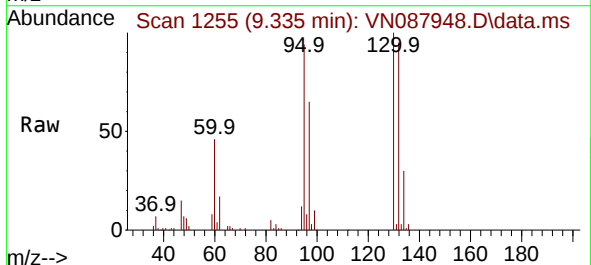


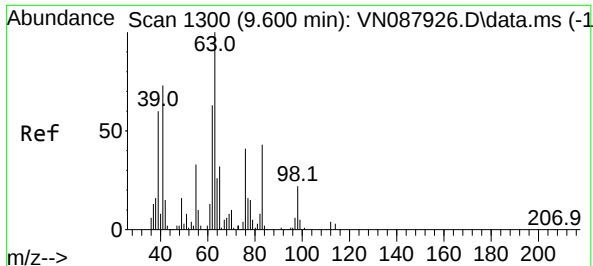
Tgt Ion: 43 Resp: 430144
Ion Ratio Lower Upper
43 100
61 25.1 20.2 30.2
87 13.5 10.9 16.3



#44
Trichloroethene
Concen: 48.005 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion:130 Resp: 154701
Ion Ratio Lower Upper
130 100
95 94.2 0.0 208.0





#45

1,2-Dichloropropane

Concen: 48.794 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Instrument :

MSVOA_N

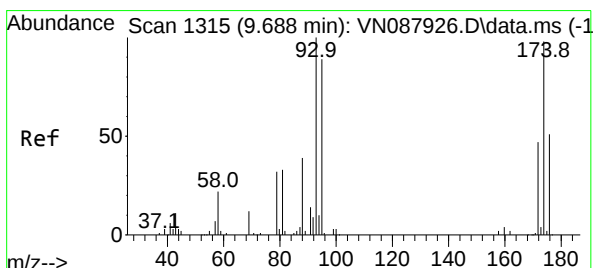
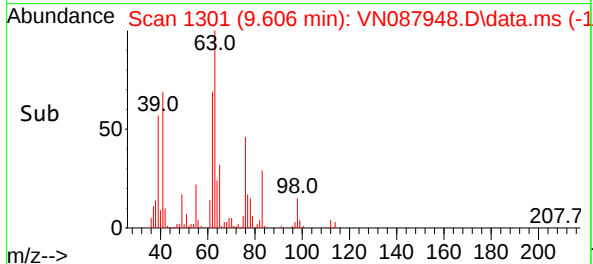
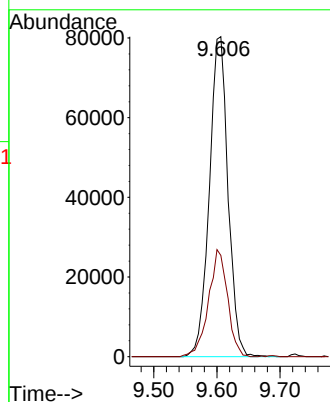
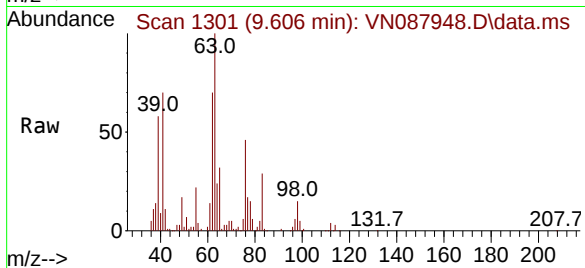
ClientSampleId :

Tgt Ion: 63 Resp: 165068

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.0



#46

Dibromomethane

Concen: 48.839 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

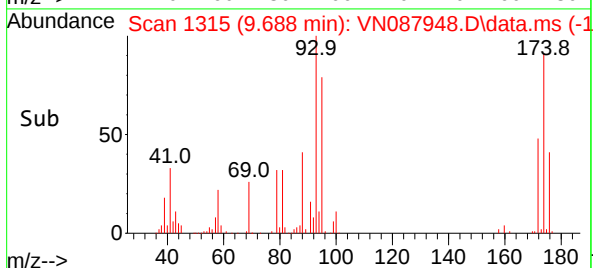
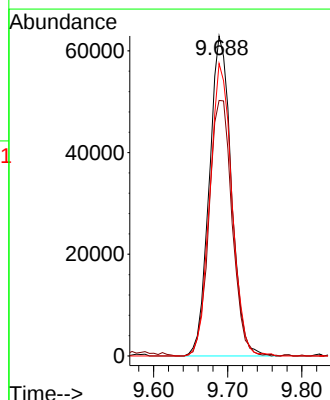
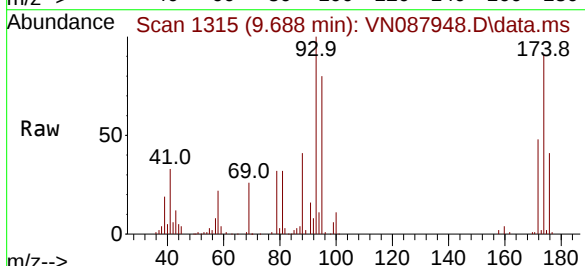
Tgt Ion: 93 Resp: 130372

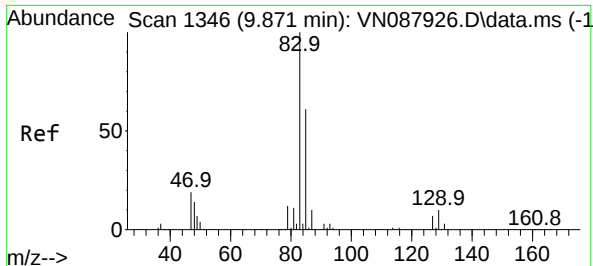
Ion Ratio Lower Upper

93 100

95 83.3 67.6 101.4

174 91.4 75.4 113.0





#47

Bromodichloromethane

Concen: 50.106 ug/l

RT: 9.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087948.D

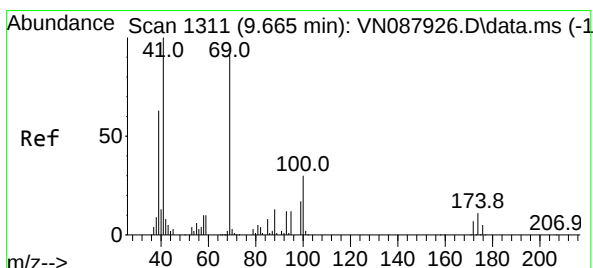
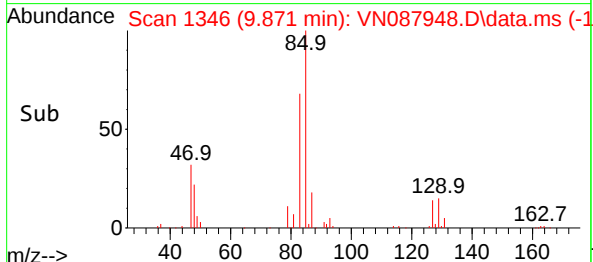
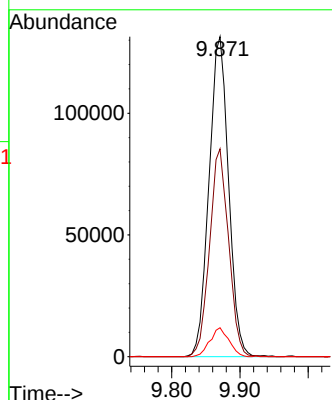
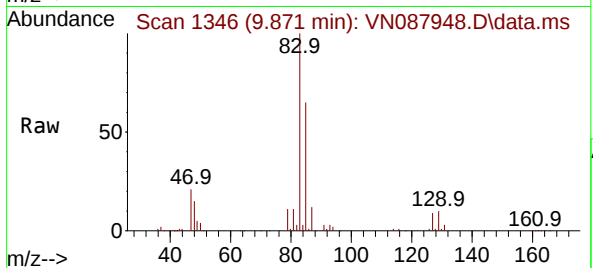
Acq: 25 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	262338
Ion	Ratio	Lower	Upper
83	100		
85	64.9	49.1	73.7
127	9.1	5.9	8.9#



#48

Methyl methacrylate

Concen: 51.109 ug/l

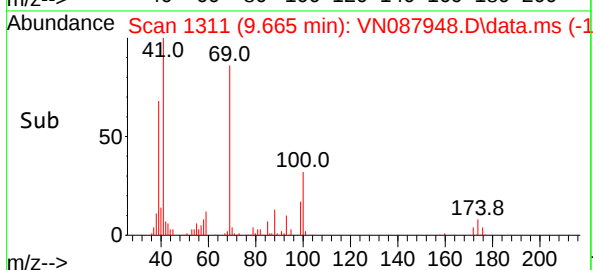
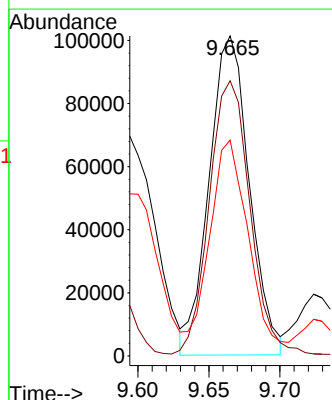
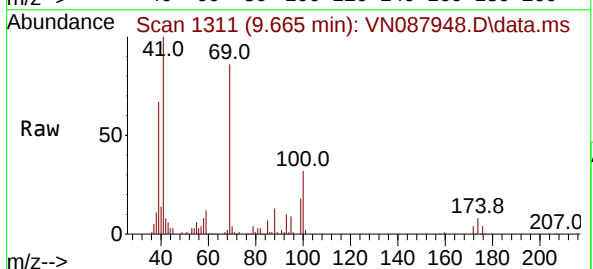
RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Tgt Ion:	41	Resp:	199338
Ion	Ratio	Lower	Upper
41	100		
69	88.5	70.9	106.3
39	66.6	52.9	79.3





#49

1,4-Dioxane

Concen: 1121.681 ug/l

RT: 9.683 min Scan# 11

Delta R.T. 0.006 min

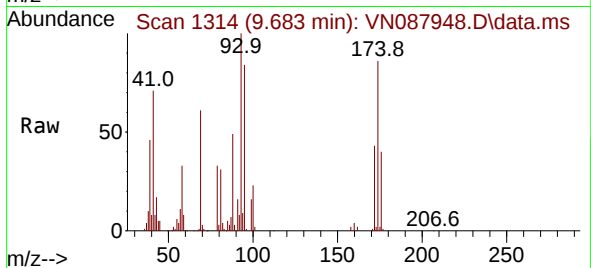
Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :



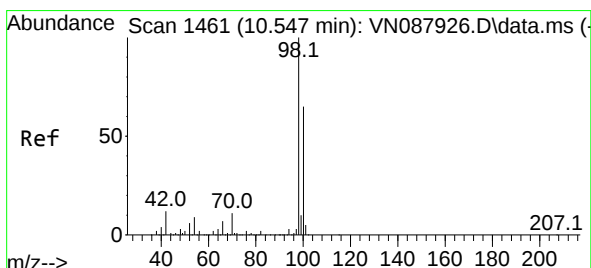
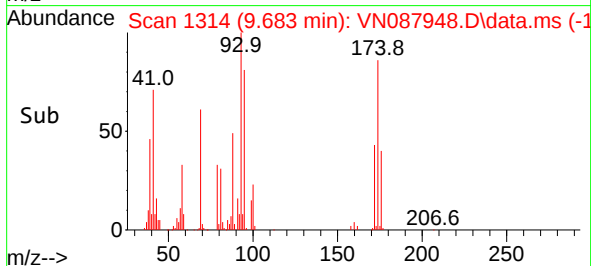
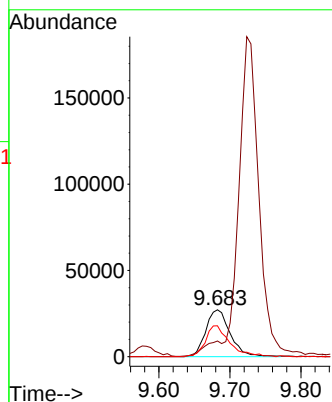
Tgt Ion: 88 Resp: 64630

Ion Ratio Lower Upper

88 100

43 0.0 22.6 33.8#

58 65.6 57.4 86.2



#50

Toluene-d8

Concen: 44.735 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087948.D

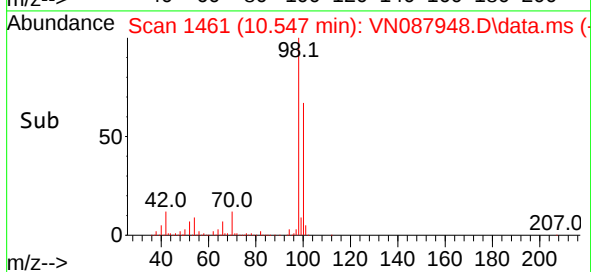
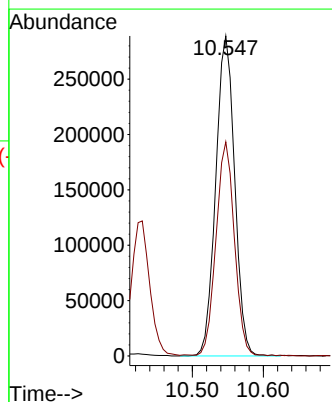
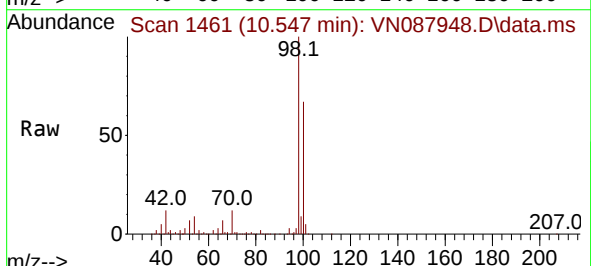
Acq: 25 Sep 2025 12:04

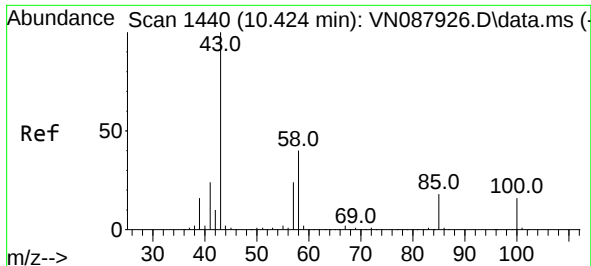
Tgt Ion: 98 Resp: 533078

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 266.670 ug/l

RT: 10.424 min Scan# 1440

Delta R.T. 0.000 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Instrument :

MSVOA_N

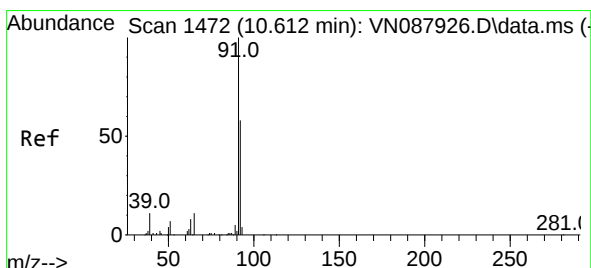
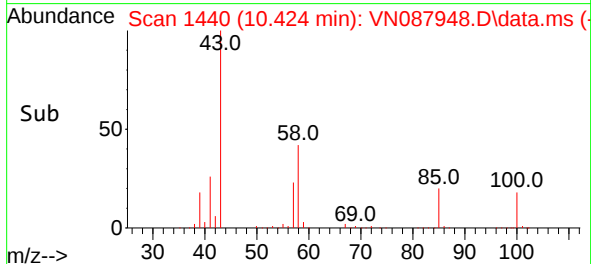
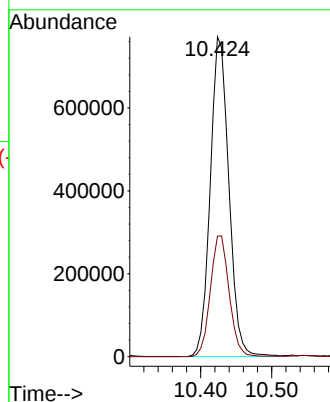
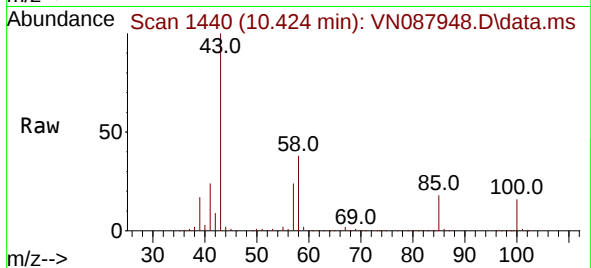
ClientSampleId :

Tgt Ion: 43 Resp: 1401468

Ion Ratio Lower Upper

43 100

58 38.4 31.0 46.6



#52

Toluene

Concen: 49.246 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VN087948.D

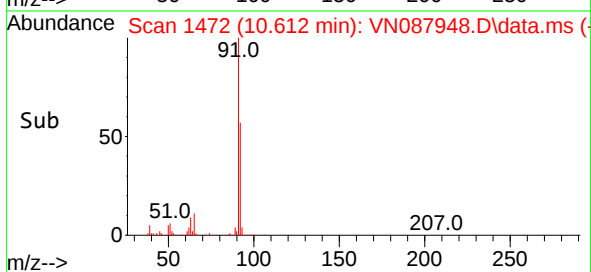
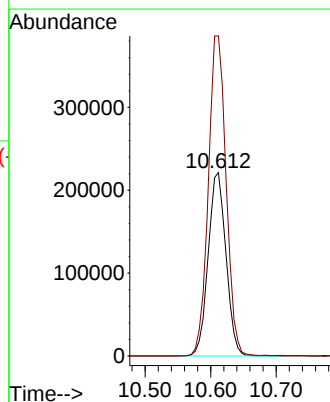
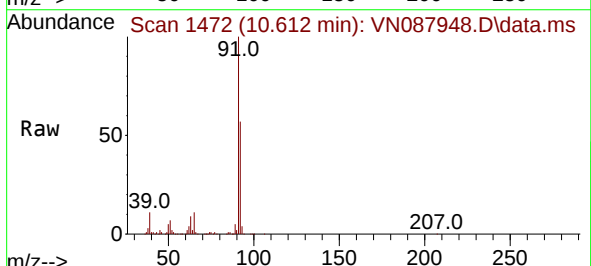
Acq: 25 Sep 2025 12:04

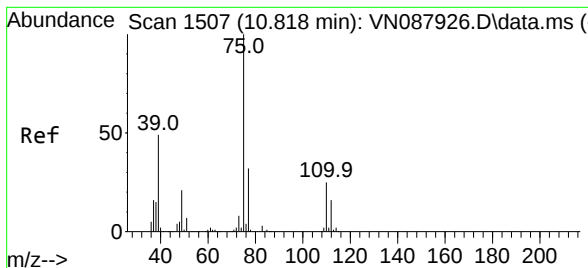
Tgt Ion: 92 Resp: 416920

Ion Ratio Lower Upper

92 100

91 174.8 138.2 207.2

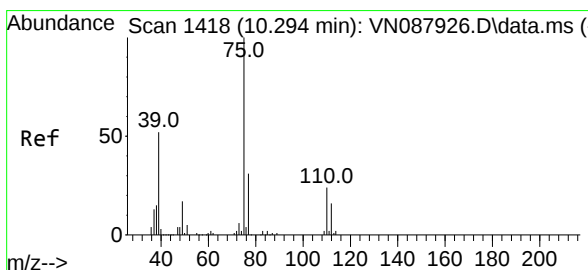
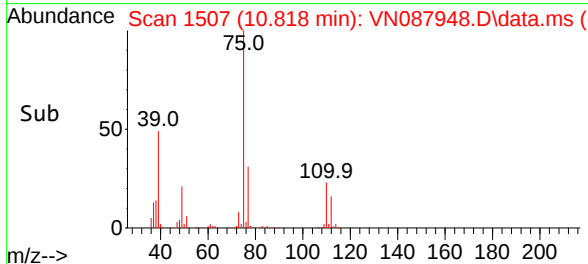
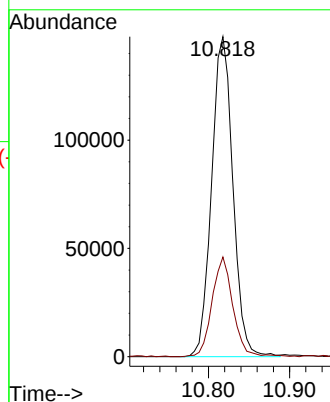
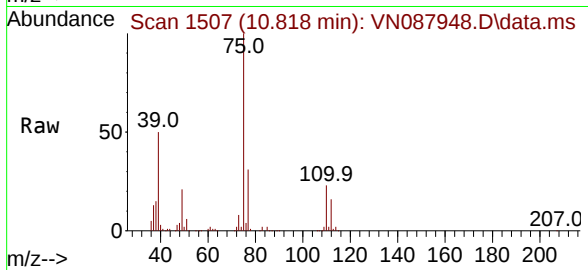




#53
t-1,3-Dichloropropene
Concen: 50.291 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

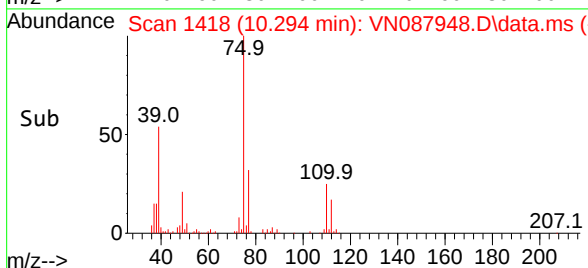
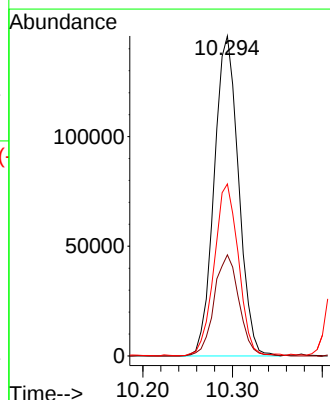
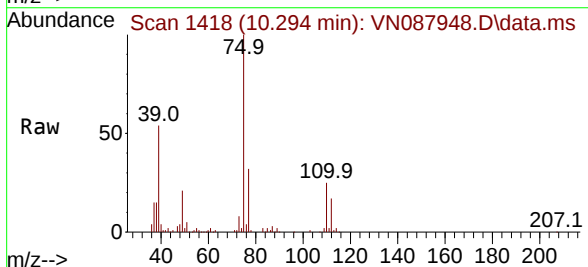
Instrument :
MSVOA_N
ClientSampleId :

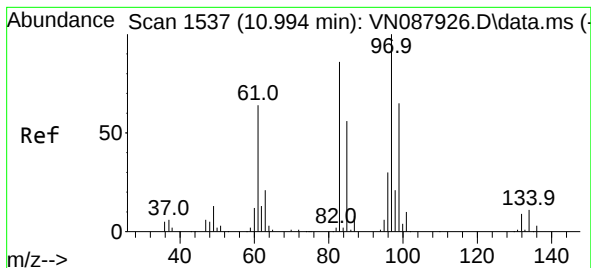
Tgt Ion: 75 Resp: 269484
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 49.489 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion: 75 Resp: 275428
Ion Ratio Lower Upper
75 100
77 31.6 24.7 37.1
39 53.5 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 49.877 ug/l

RT: 10.994 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 171693

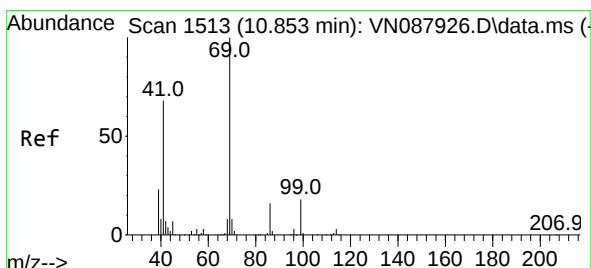
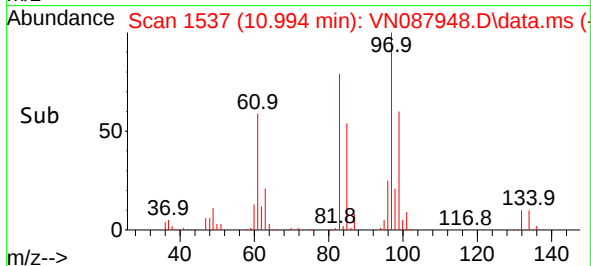
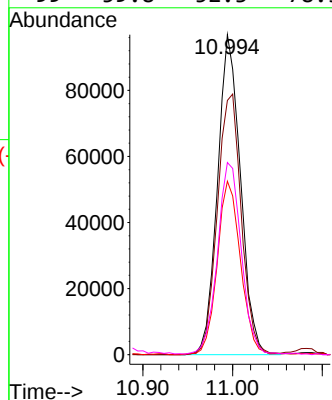
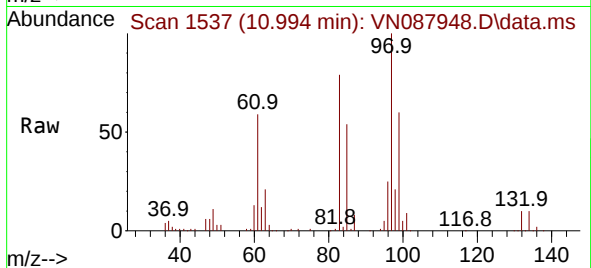
Ion Ratio Lower Upper

97 100

83 79.4 69.0 103.4

85 54.2 44.4 66.6

99 59.8 52.3 78.5



#56

Ethyl methacrylate

Concen: 52.640 ug/l

RT: 10.859 min Scan# 1514

Delta R.T. 0.006 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

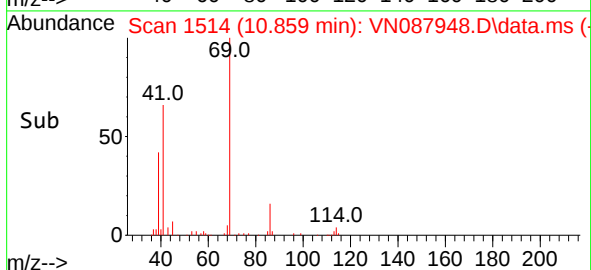
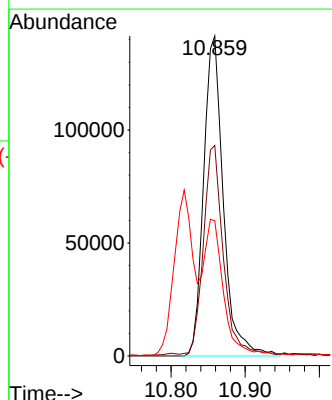
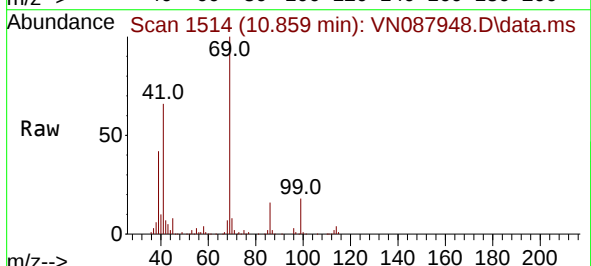
Tgt Ion: 69 Resp: 261831

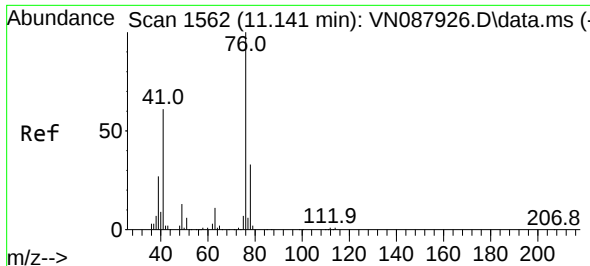
Ion Ratio Lower Upper

69 100

41 65.1 53.8 80.6

39 43.1 34.7 52.1

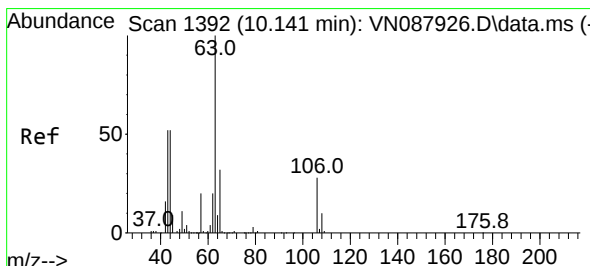
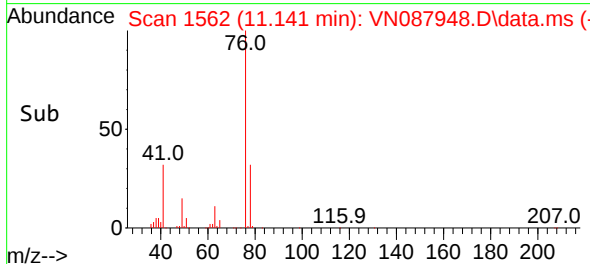
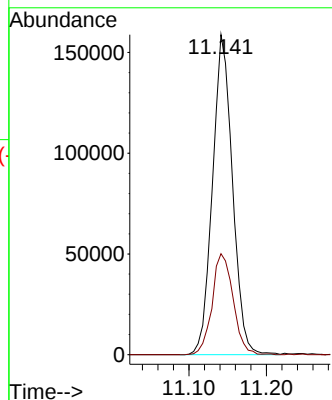
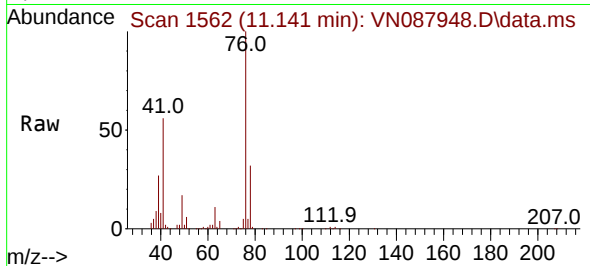




#57
1,3-Dichloropropane
Concen: 50.261 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

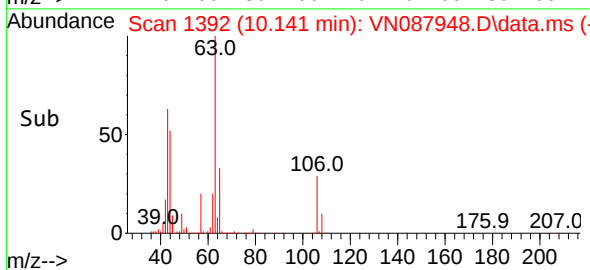
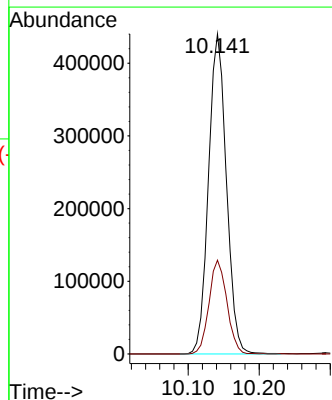
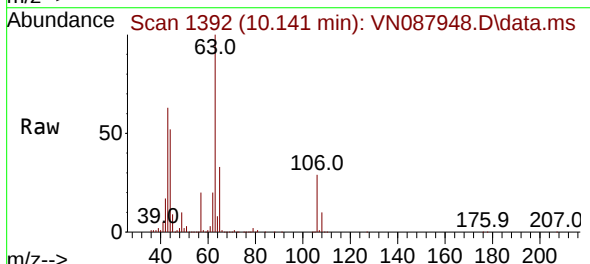
Instrument :
MSVOA_N
ClientSampleId :

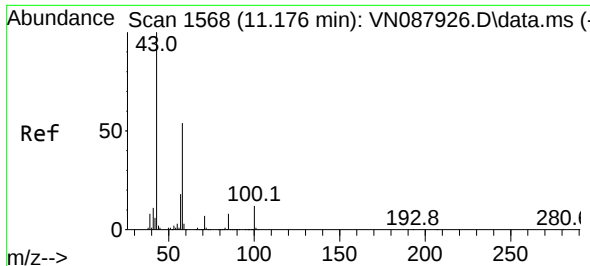
Tgt Ion: 76 Resp: 284575
Ion Ratio Lower Upper
76 100
78 33.2 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 329.535 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion: 63 Resp: 770678
Ion Ratio Lower Upper
63 100
106 29.3 22.6 33.8

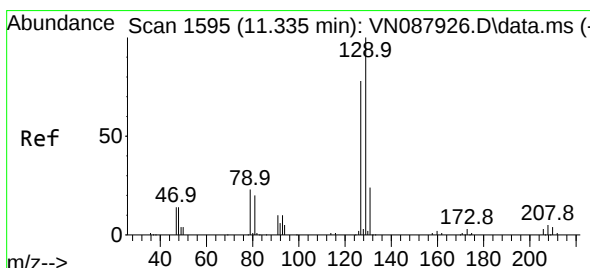
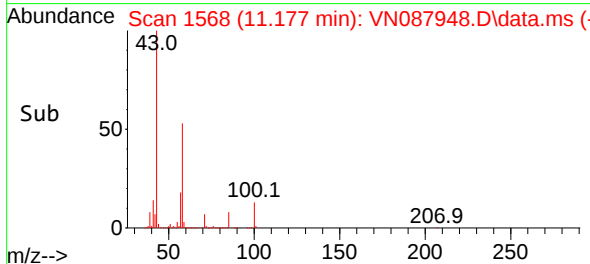
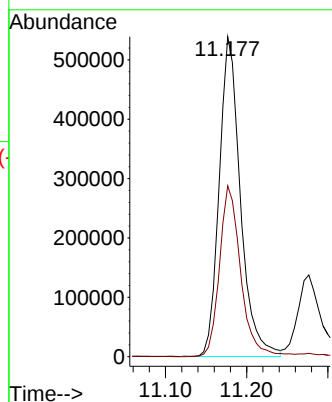
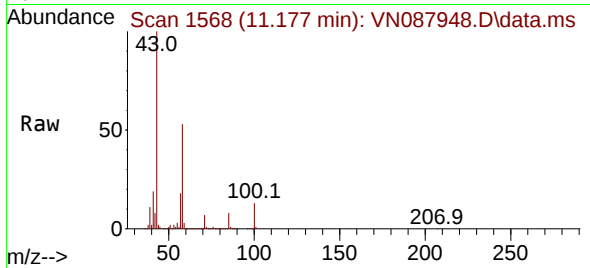




#59
2-Hexanone
Concen: 281.970 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

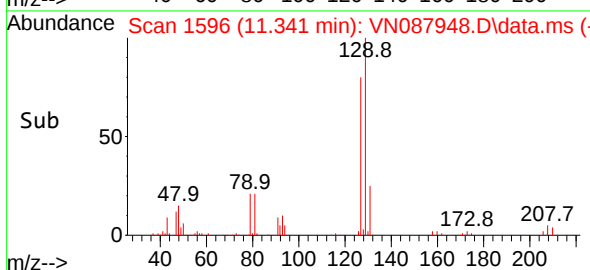
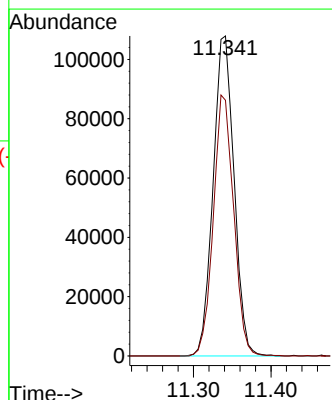
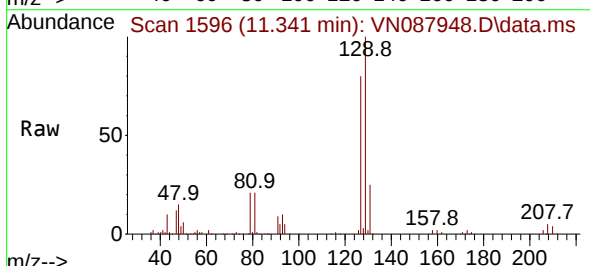
Instrument :
MSVOA_N
ClientSampleId :

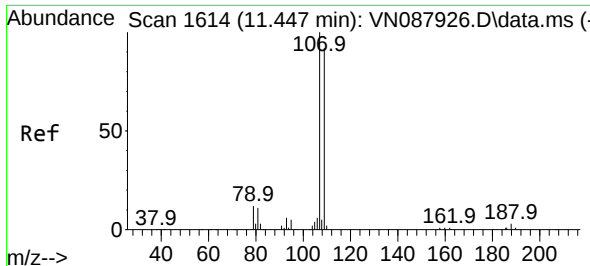
Tgt Ion: 43 Resp: 979848
Ion Ratio Lower Upper
43 100
58 53.5 26.4 79.2



#60
Dibromochloromethane
Concen: 50.045 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion:129 Resp: 202551
Ion Ratio Lower Upper
129 100
127 79.4 39.3 117.9

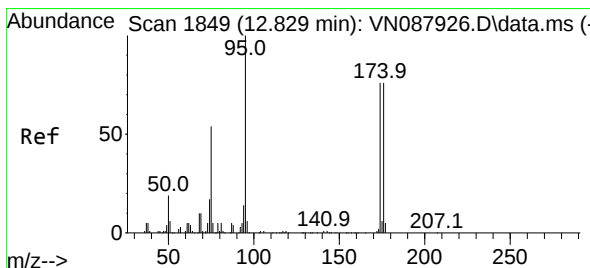
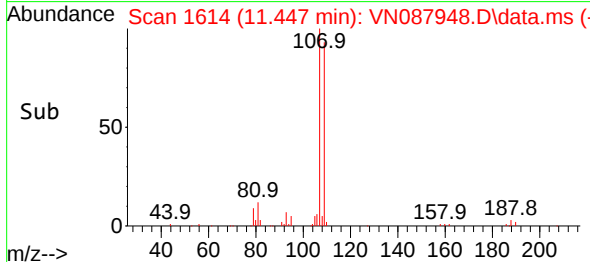
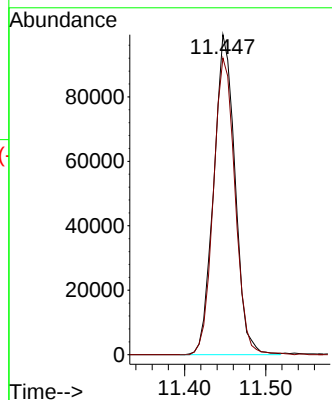
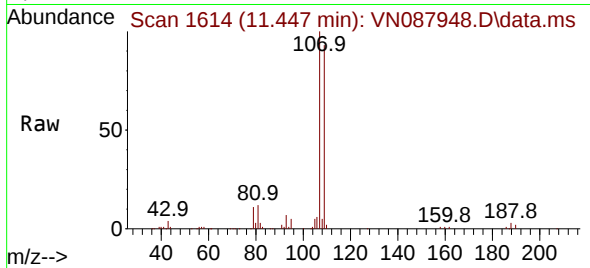




#61
1,2-Dibromoethane
Concen: 49.721 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

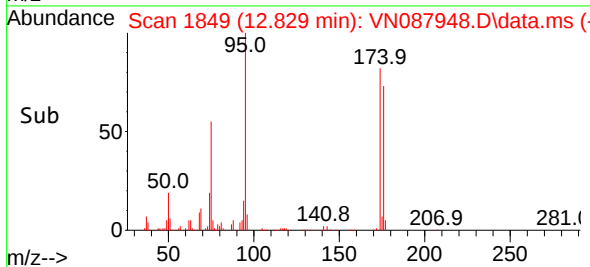
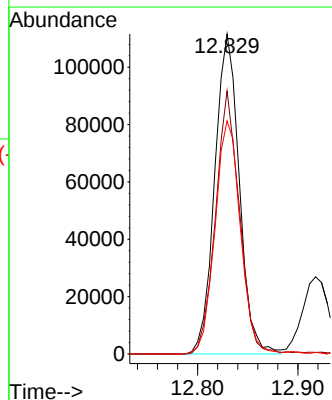
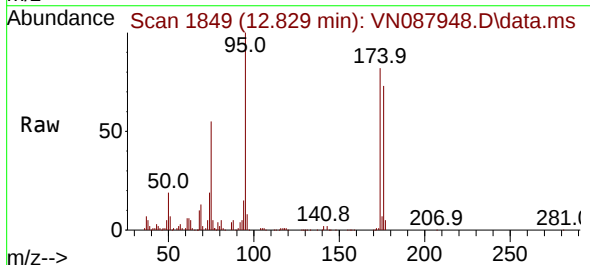
Instrument :
MSVOA_N
ClientSampleId :

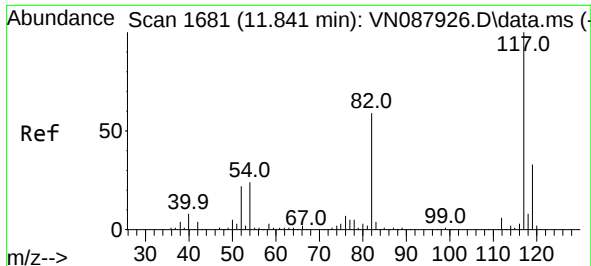
Tgt Ion:107 Resp: 181192
Ion Ratio Lower Upper
107 100
109 94.3 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 44.495 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion: 95 Resp: 189525
Ion Ratio Lower Upper
95 100
174 80.1 0.0 159.2
176 75.4 0.0 152.6

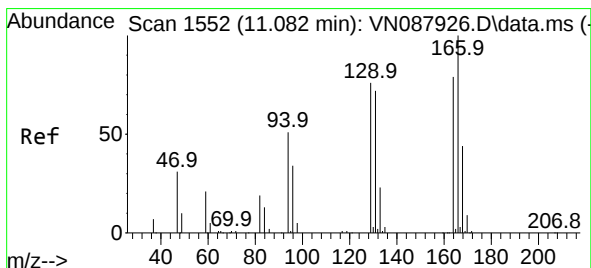
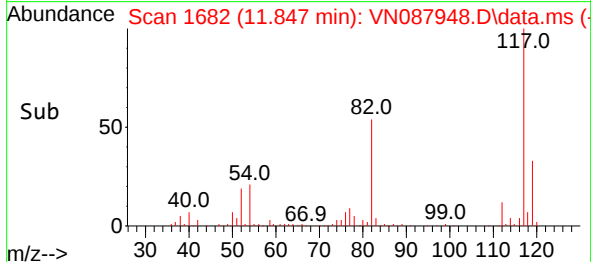
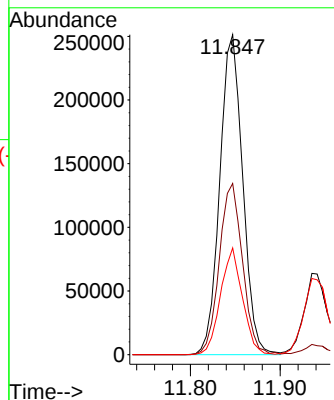
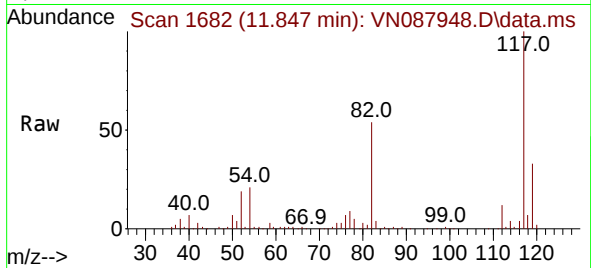




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

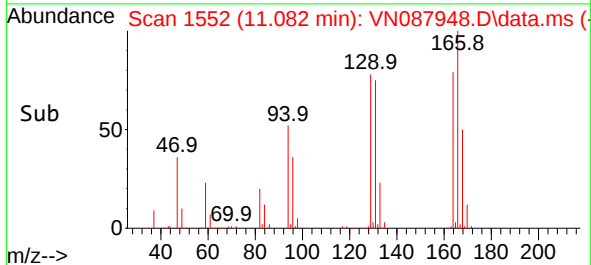
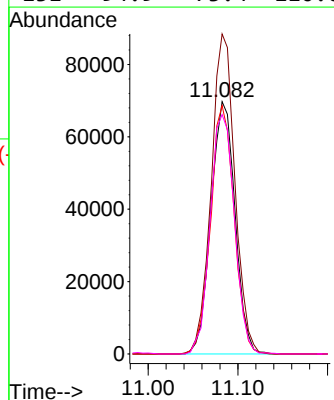
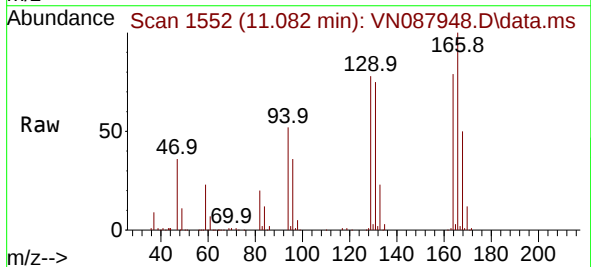
Instrument :
MSVOA_N
ClientSampleId :

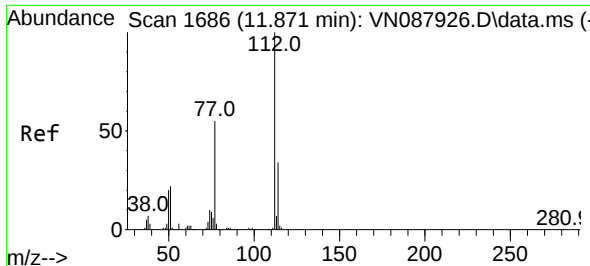
Tgt Ion:117 Resp: 446080
Ion Ratio Lower Upper
117 100
82 53.5 47.0 70.4
119 33.3 26.1 39.1



#64
Tetrachloroethene
Concen: 47.913 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion:164 Resp: 130193
Ion Ratio Lower Upper
164 100
166 126.8 101.6 152.4
129 98.4 77.5 116.3
131 94.9 73.4 110.0

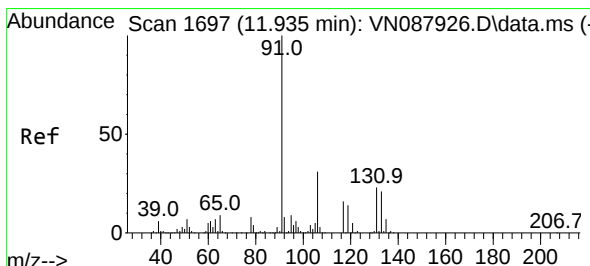
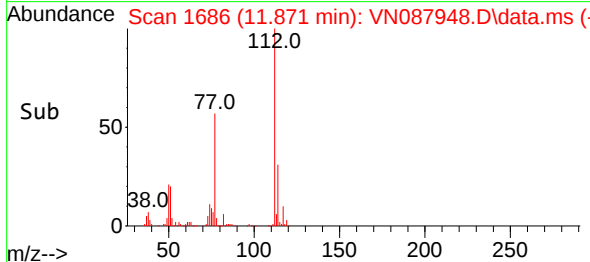
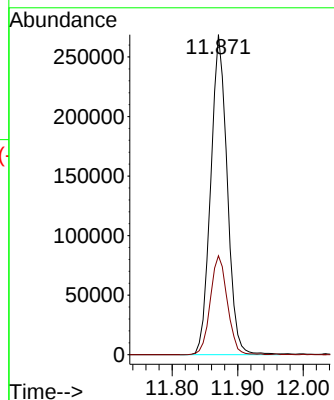
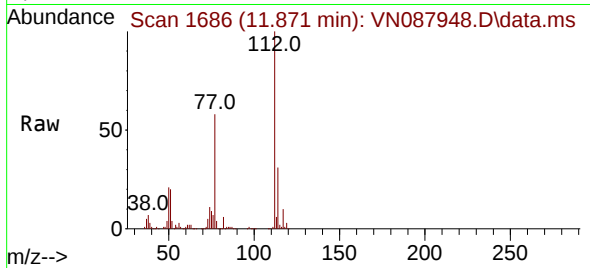




#65
Chlorobenzene
Concen: 49.453 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

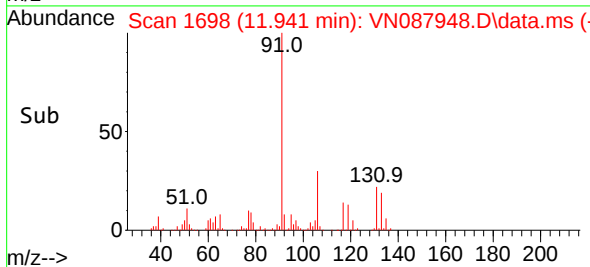
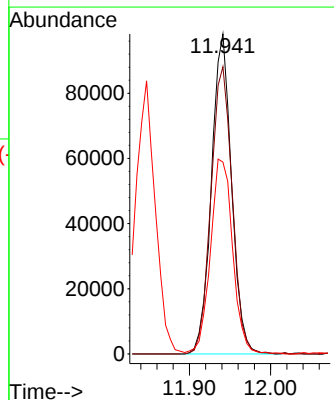
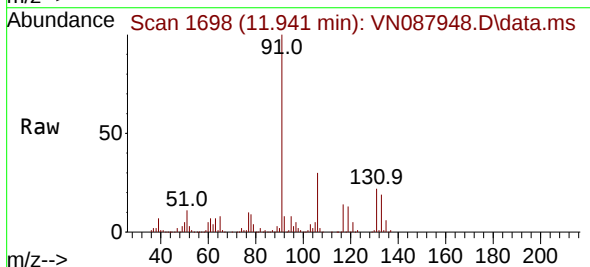
Instrument :
MSVOA_N
ClientSampleId :

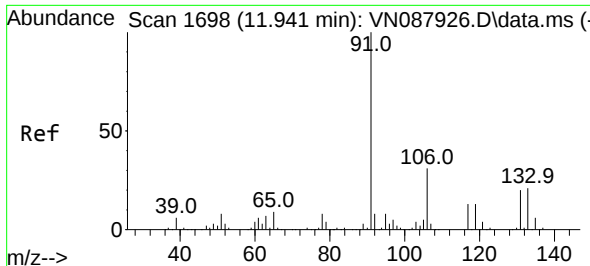
Tgt Ion:112 Resp: 469450
Ion Ratio Lower Upper
112 100
114 30.9 27.2 40.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.235 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion:131 Resp: 168546
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.0
119 67.4 31.9 95.5

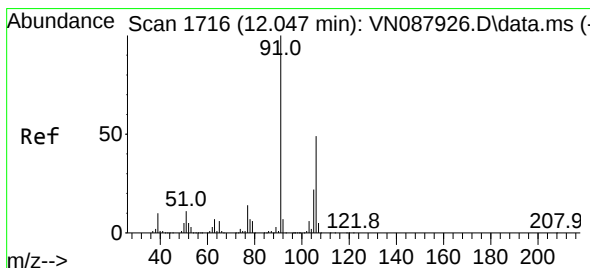
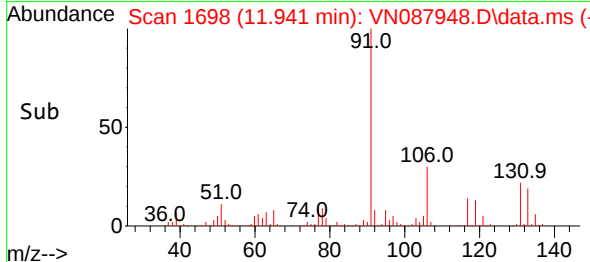
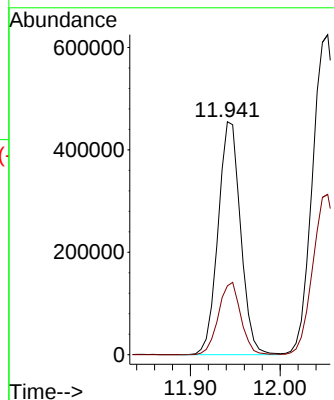
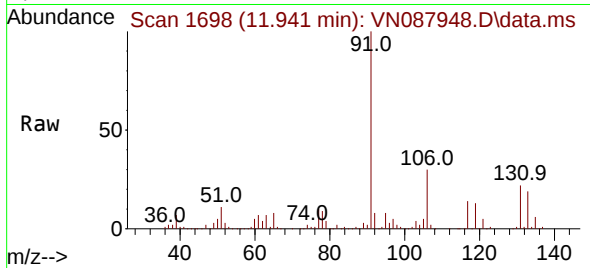




#67
Ethyl Benzene
Concen: 50.002 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

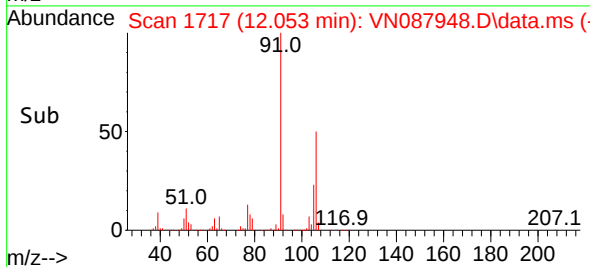
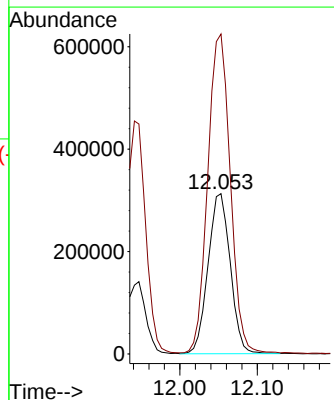
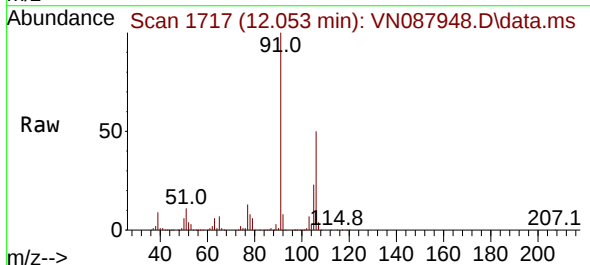
Instrument :
MSVOA_N
ClientSampleId :

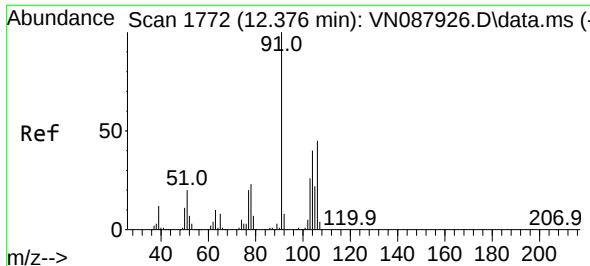
Tgt Ion: 91 Resp: 792036
Ion Ratio Lower Upper
91 100
106 29.5 25.2 37.8



#68
m/p-Xylenes
Concen: 102.897 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion:106 Resp: 623352
Ion Ratio Lower Upper
106 100
91 203.4 162.9 244.3

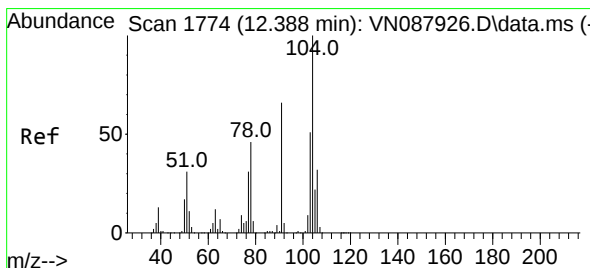
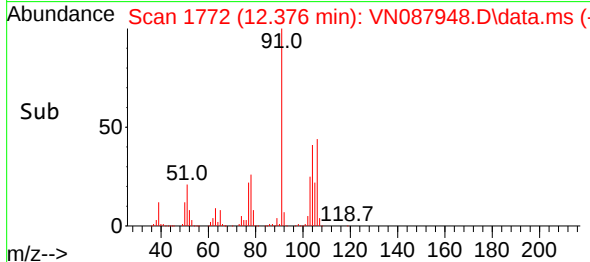
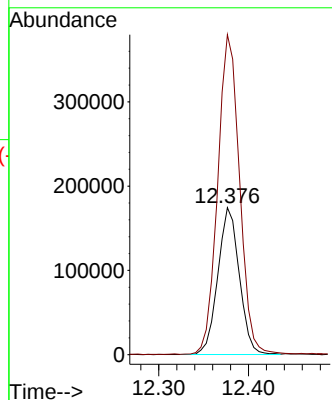
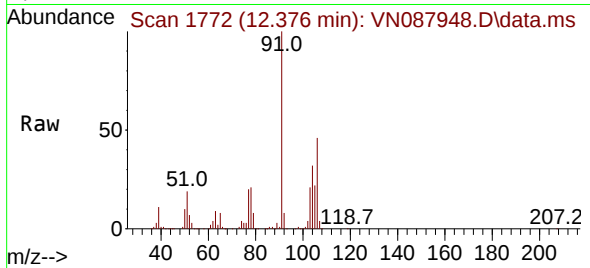




#69
o-Xylene
Concen: 49.721 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

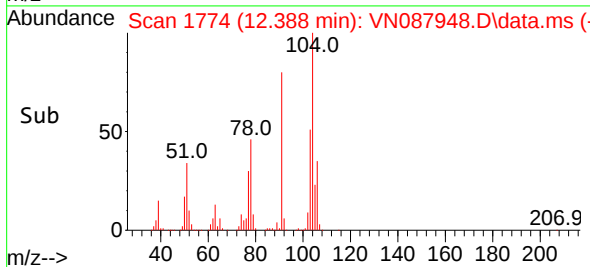
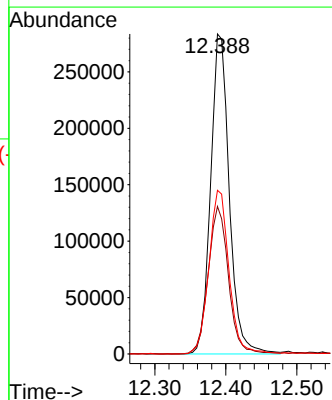
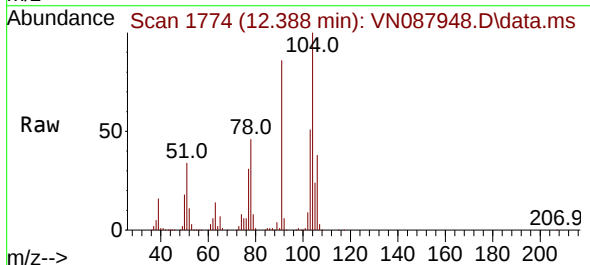
Instrument :
MSVOA_N
ClientSampleId :

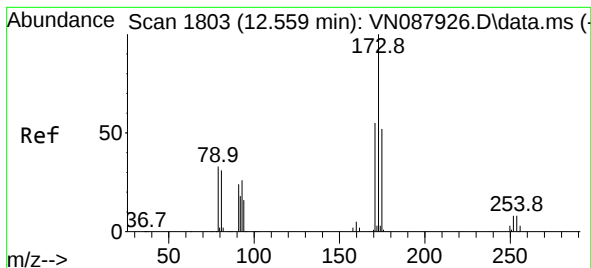
Tgt Ion:106 Resp: 289389
Ion Ratio Lower Upper
106 100
91 222.1 108.2 324.6



#70
Styrene
Concen: 51.750 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion:104 Resp: 517296
Ion Ratio Lower Upper
104 100
78 50.2 39.7 59.5
103 55.2 44.6 67.0





#71

Bromoform

Concen: 51.214 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min MSVOA_N

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

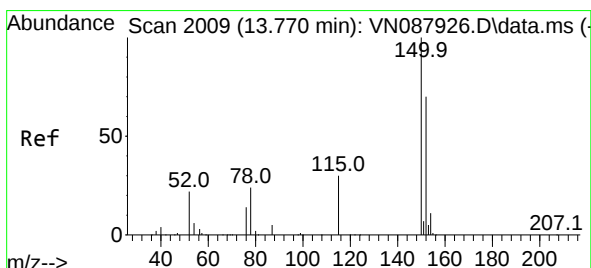
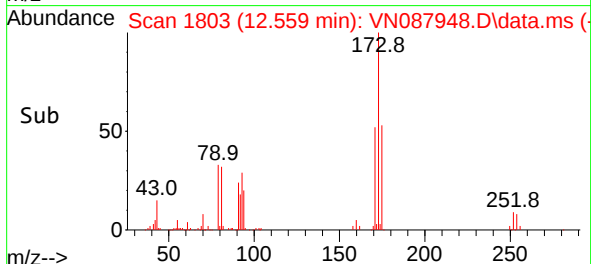
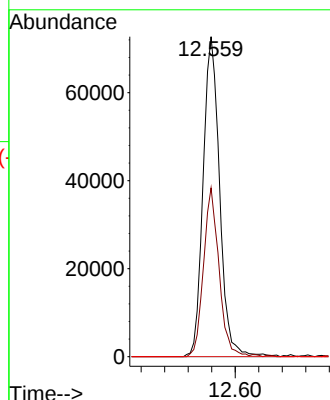
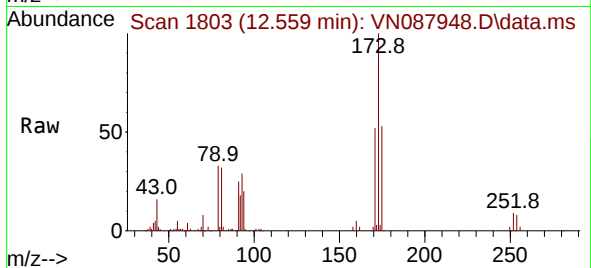
Tgt Ion:173 Resp: 142241

Ion Ratio Lower Upper

173 100

175 49.3 23.7 71.1

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. 0.000 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

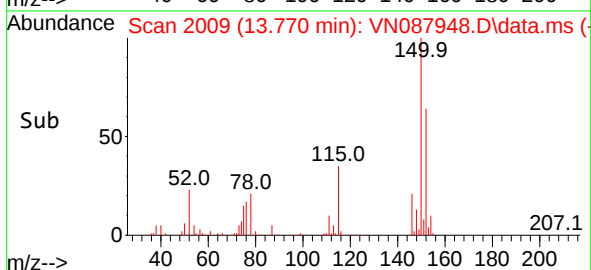
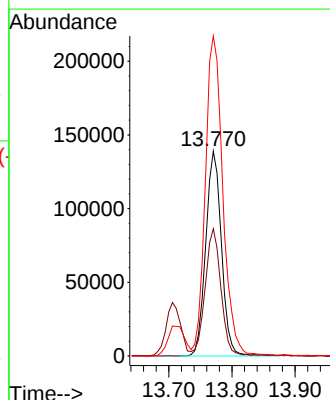
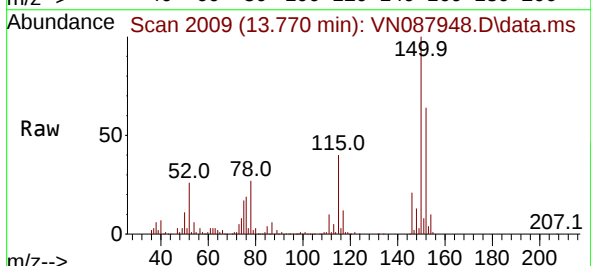
Tgt Ion:152 Resp: 240530

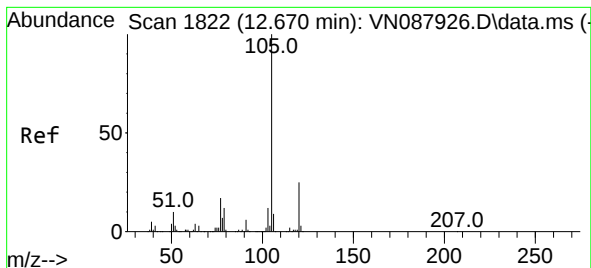
Ion Ratio Lower Upper

152 100

115 60.8 29.9 89.7

150 172.9 0.0 335.0





#73

Isopropylbenzene

Concen: 51.096 ug/l

RT: 12.676 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Instrument :

MSVOA_N

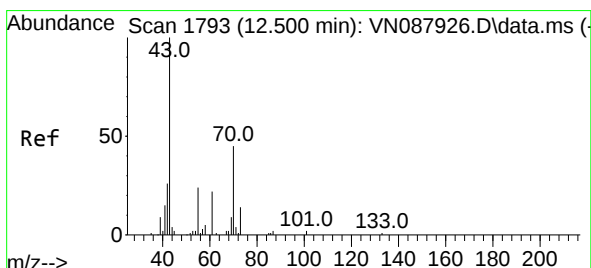
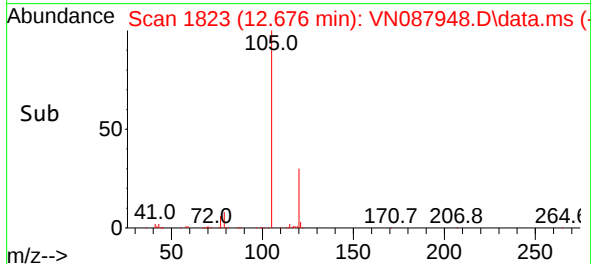
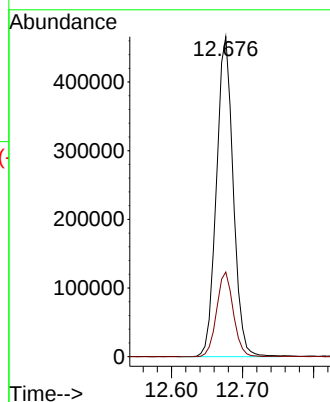
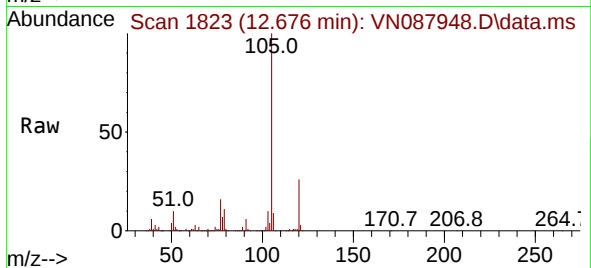
ClientSampleId :

Tgt Ion:105 Resp: 761718

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1



#74

N-ethyl acetate

Concen: 27.815 ug/l

RT: 12.506 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Tgt Ion: 43 Resp: 136623

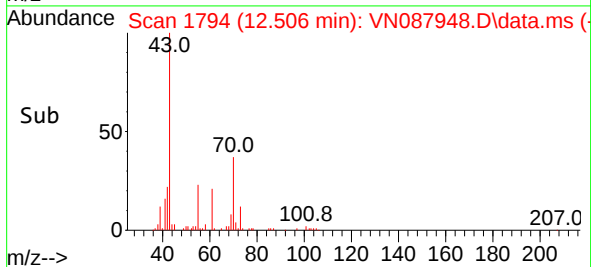
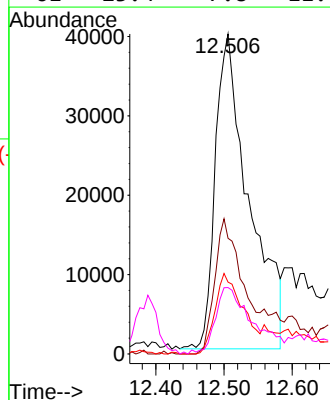
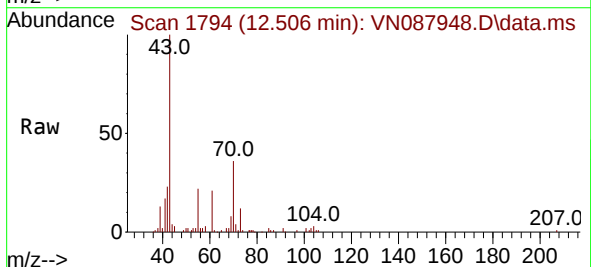
Ion Ratio Lower Upper

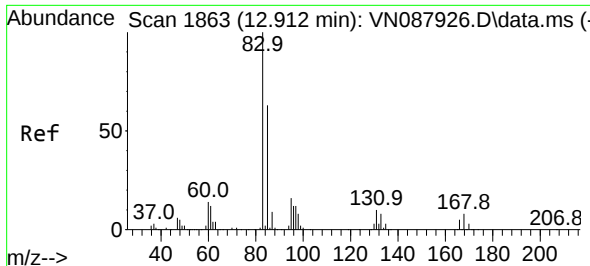
43 100

70 43.1 19.8 29.8#

55 21.4 9.6 14.4#

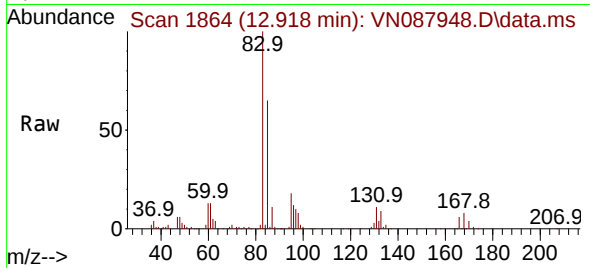
61 23.4 7.8 11.6#



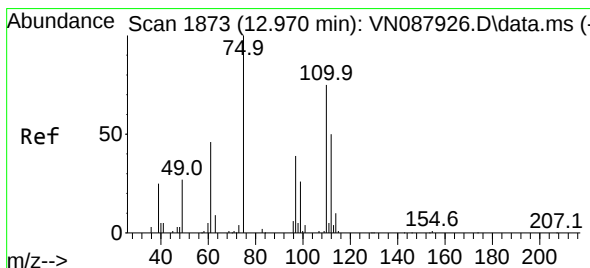
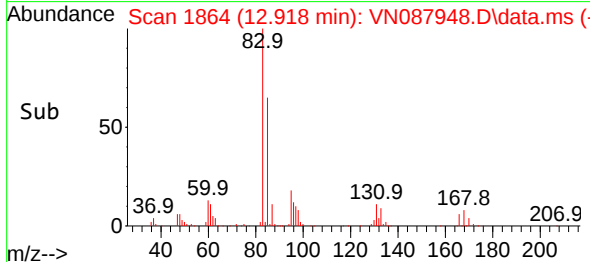
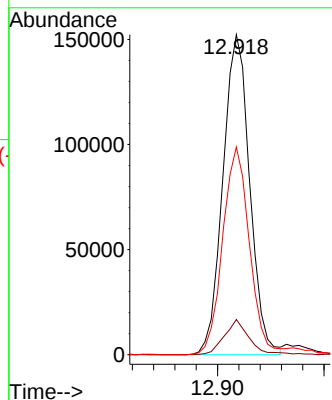


#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.558 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VN087948.D
 Acq: 25 Sep 2025 12:04

Instrument :
 MSVOA_N
 ClientSampleId :

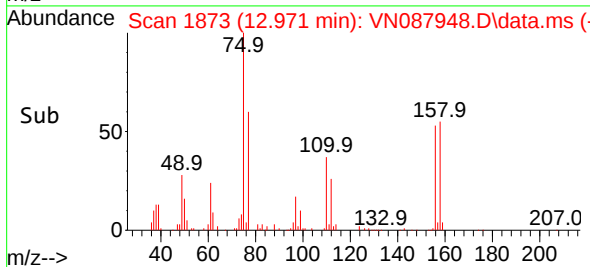
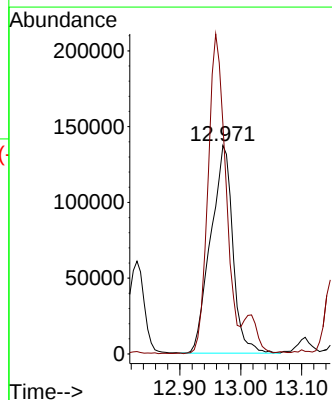
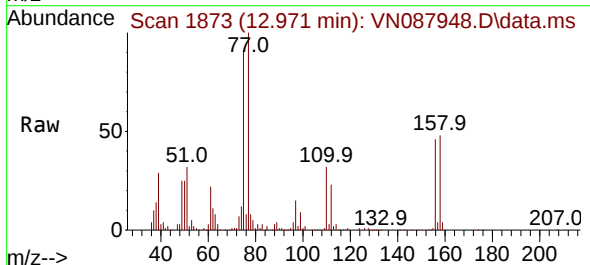


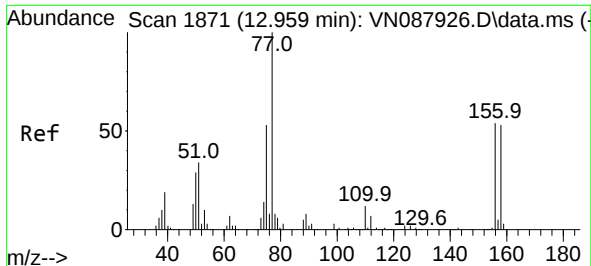
Tgt Ion: 83 Resp: 266185
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.2 15.6
 85 64.5 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 72.892 ug/l
 RT: 12.971 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087948.D
 Acq: 25 Sep 2025 12:04

Tgt Ion: 75 Resp: 345606
 Ion Ratio Lower Upper
 75 100
 77 123.8 89.5 268.5

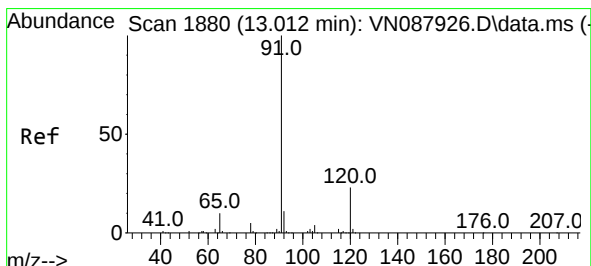
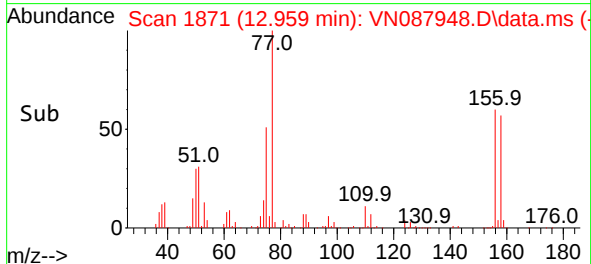
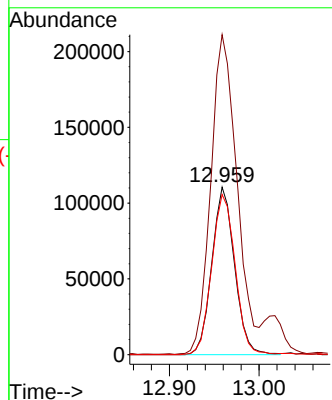
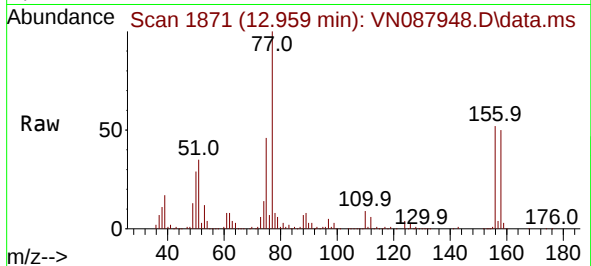




#77
Bromobenzene
Concen: 49.027 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

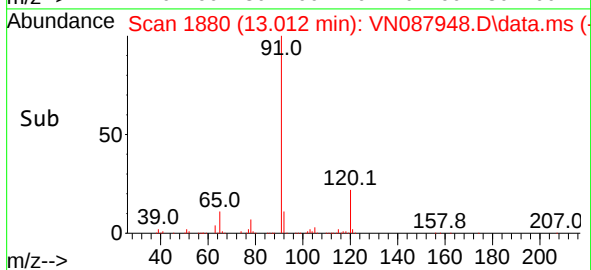
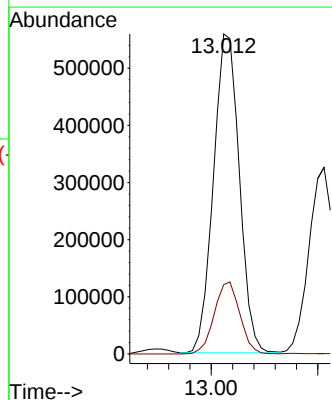
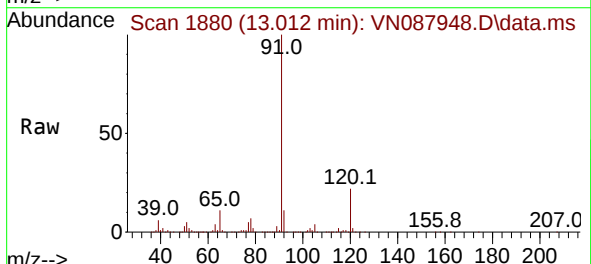
Instrument :
MSVOA_N
ClientSampleId :

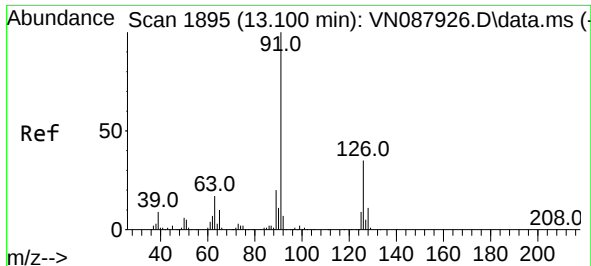
Tgt Ion:156 Resp: 194458
Ion Ratio Lower Upper
156 100
77 220.1 108.2 324.6
158 98.8 49.6 149.0



#78
n-propylbenzene
Concen: 50.495 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion: 91 Resp: 941142
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1

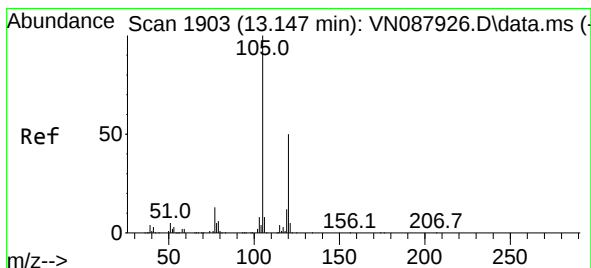
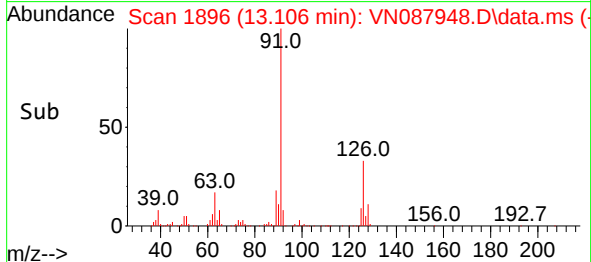
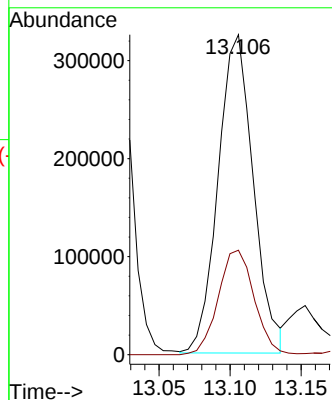
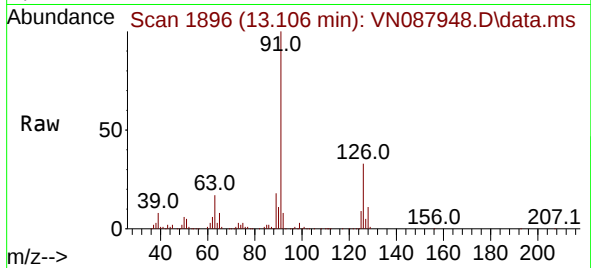




#79
2-Chlorotoluene
Concen: 49.359 ug/l
RT: 13.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

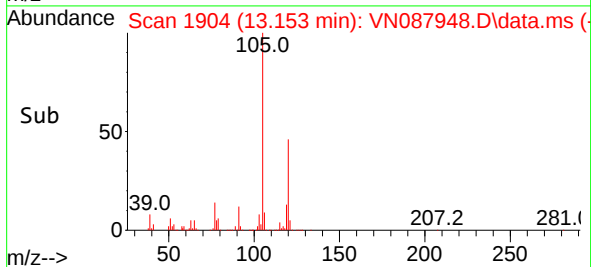
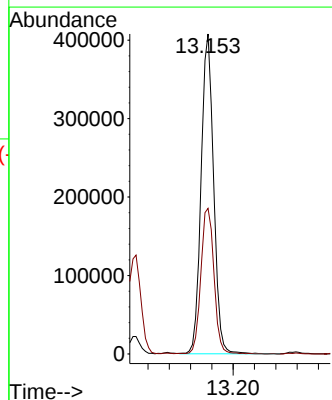
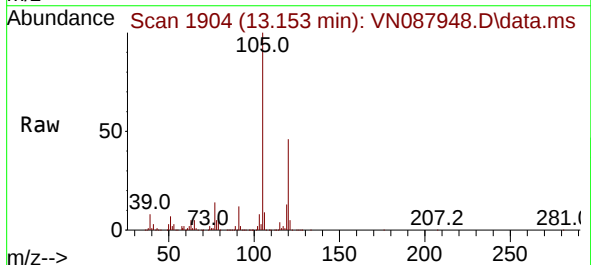
Instrument :
MSVOA_N
ClientSampleId :

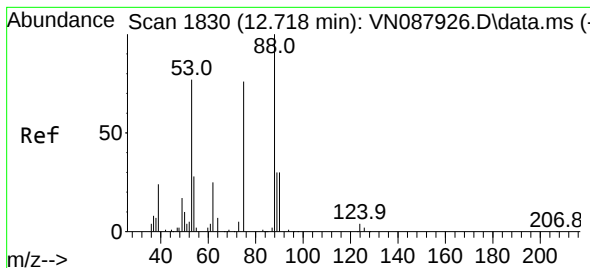
Tgt Ion: 91 Resp: 560153
Ion Ratio Lower Upper
91 100
126 33.5 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 51.577 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion:105 Resp: 665058
Ion Ratio Lower Upper
105 100
120 47.7 24.7 74.1

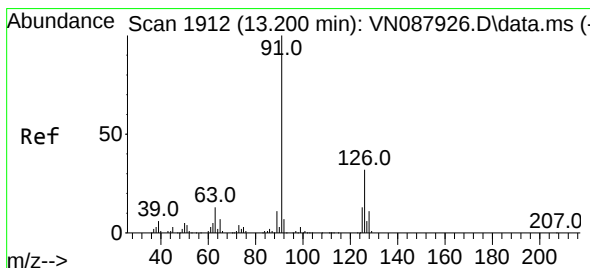
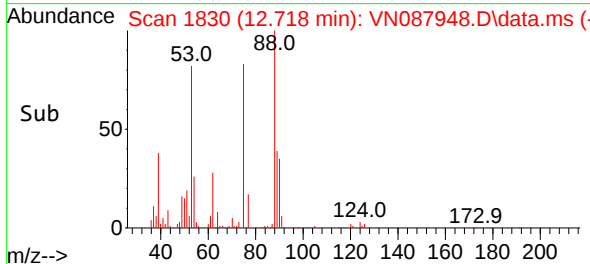
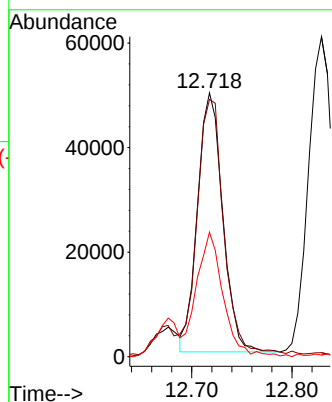
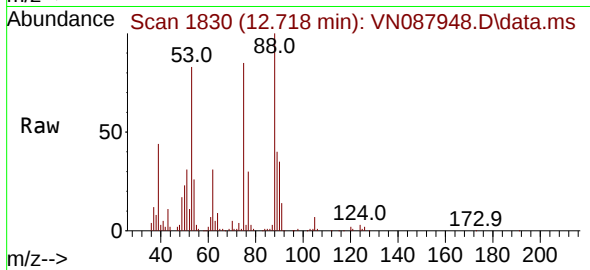




#81
trans-1,4-Dichloro-2-butene
Concen: 50.728 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

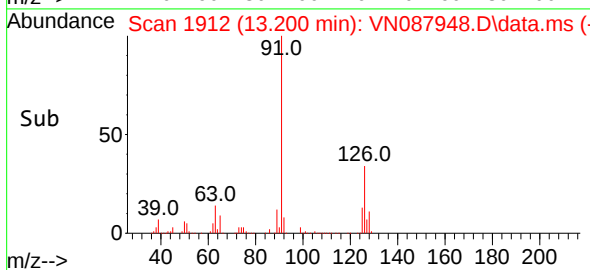
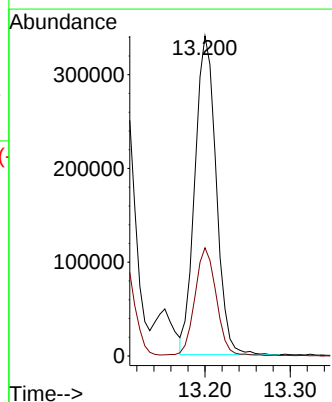
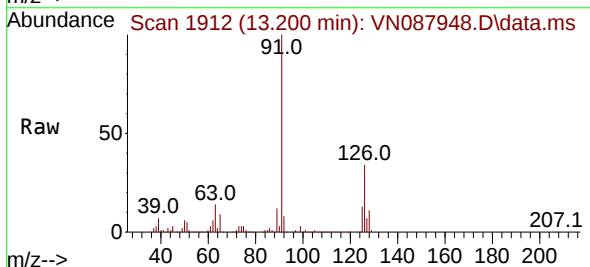
Instrument :
MSVOA_N
ClientSampleId :

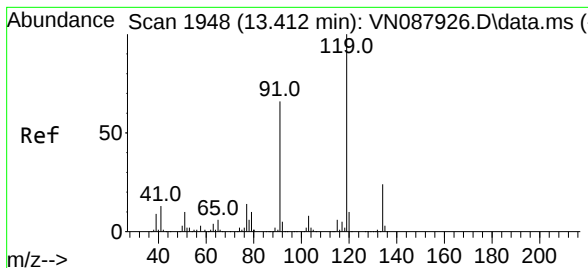
Tgt Ion: 75 Resp: 86617
Ion Ratio Lower Upper
75 100
53 104.4 82.0 123.0
89 50.9 36.1 54.1



#82
4-Chlorotoluene
Concen: 51.348 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087948.D
Acq: 25 Sep 2025 12:04

Tgt Ion: 91 Resp: 587172
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.6





#83

tert-Butylbenzene

Concen: 50.507 ug/l

RT: 13.418 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

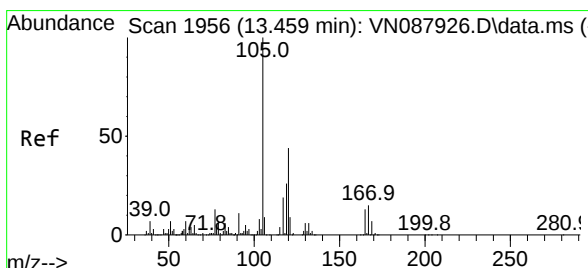
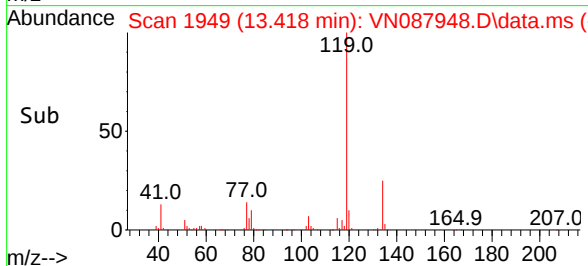
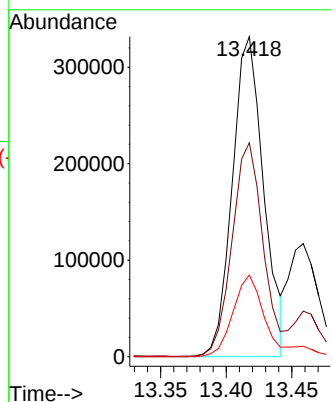
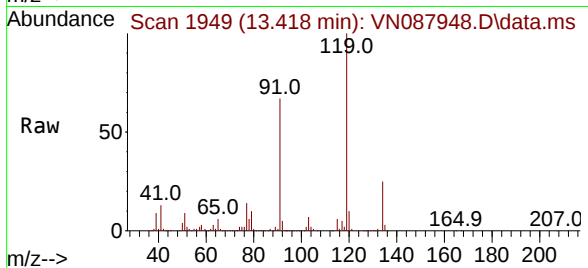
Tgt Ion:119 Resp: 551238

Ion Ratio Lower Upper

119 100

91 67.3 32.1 96.3

134 27.4 12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 51.819 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN087948.D

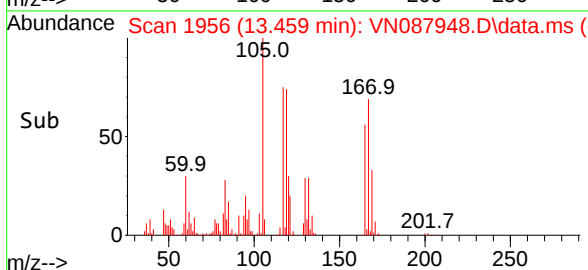
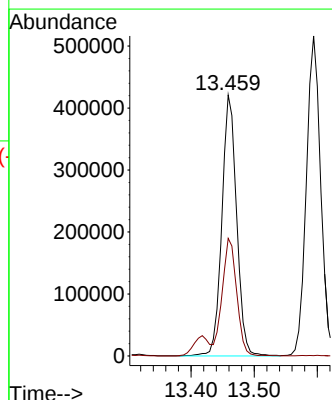
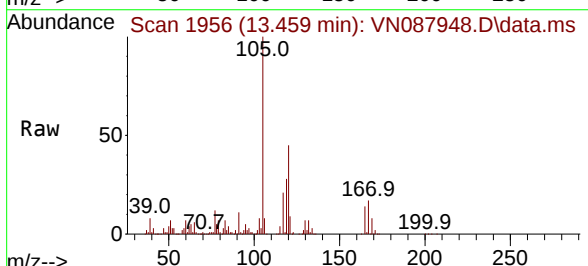
Acq: 25 Sep 2025 12:04

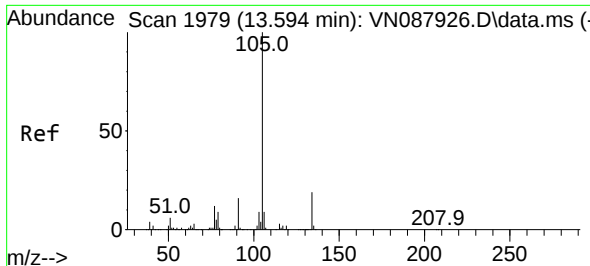
Tgt Ion:105 Resp: 685359

Ion Ratio Lower Upper

105 100

120 43.8 22.4 67.3

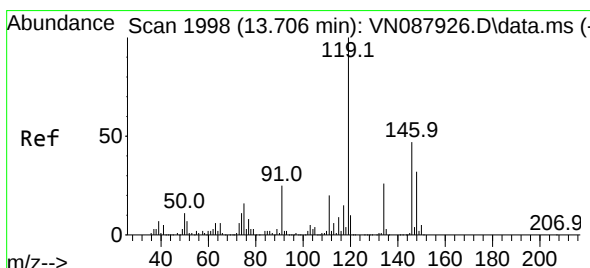
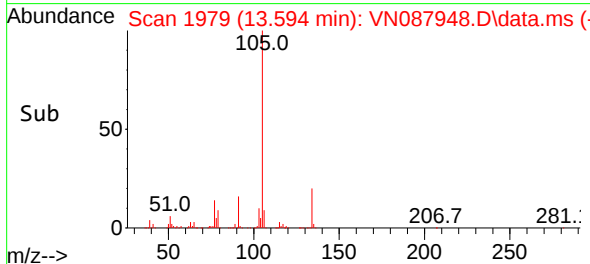
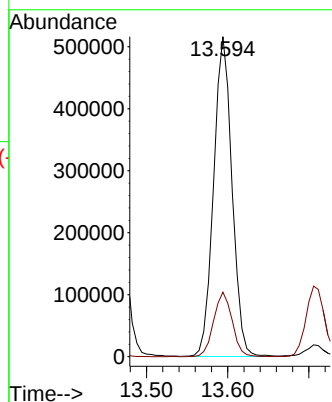
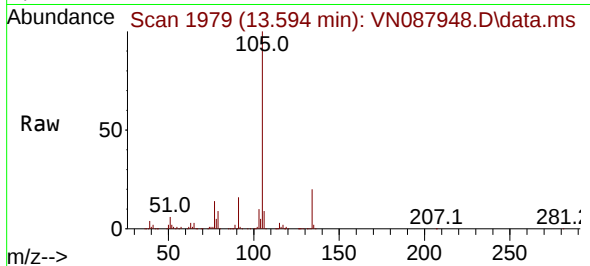




#85
 sec-Butylbenzene
 Concen: 50.791 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087948.D
 Acq: 25 Sep 2025 12:04

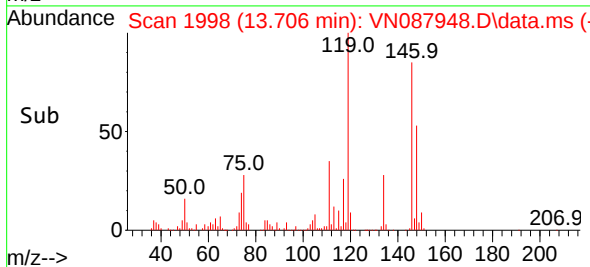
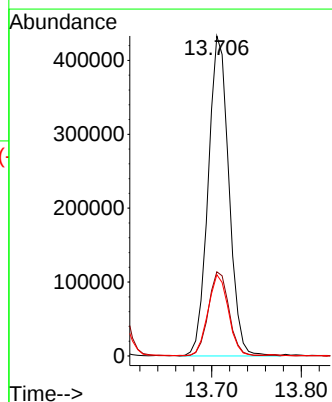
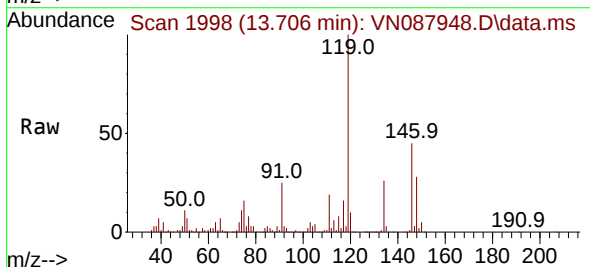
Instrument :
 MSVOA_N
 ClientSampleId :

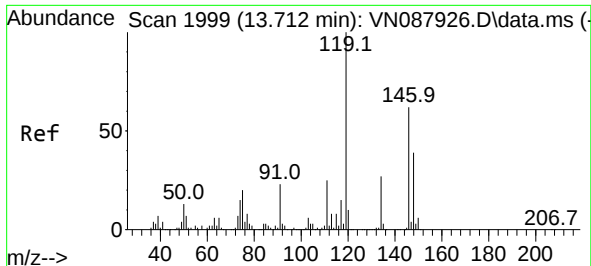
Tgt Ion:105 Resp: 812735
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 51.153 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087948.D
 Acq: 25 Sep 2025 12:04

Tgt Ion:119 Resp: 693261
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 24.8 11.9 35.5

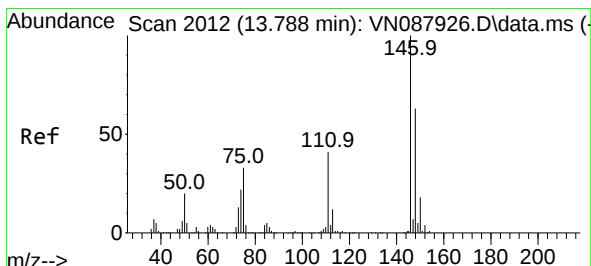
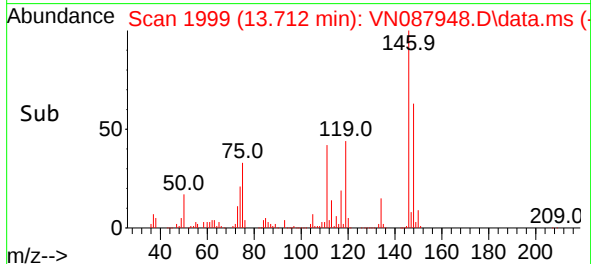
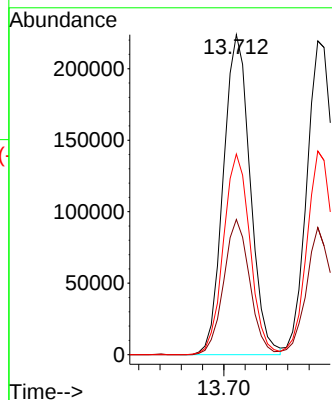
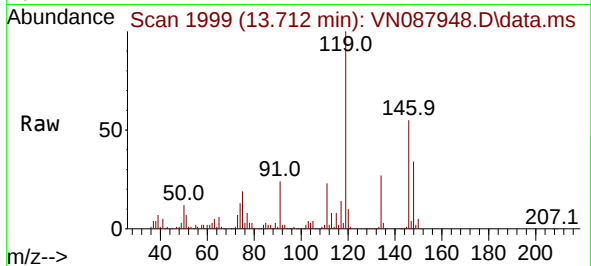




#87
 1,3-Dichlorobenzene
 Concen: 50.593 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087948.D
 Acq: 25 Sep 2025 12:04

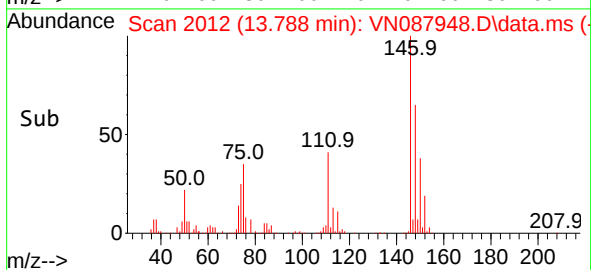
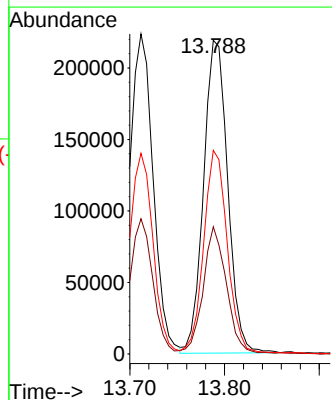
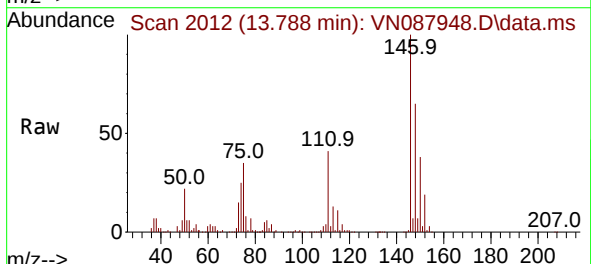
Instrument :
 MSVOA_N
 ClientSampleId :

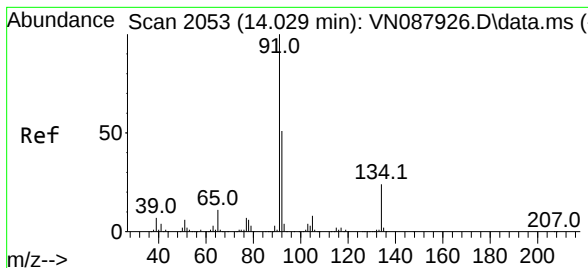
Tgt Ion:146 Resp: 391597
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 60.8
 148 62.2 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 48.833 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN087948.D
 Acq: 25 Sep 2025 12:04

Tgt Ion:146 Resp: 388440
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.5 61.5
 148 63.3 32.8 98.4





#89

n-Butylbenzene

Concen: 50.515 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

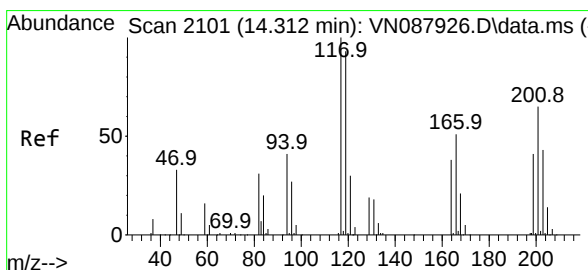
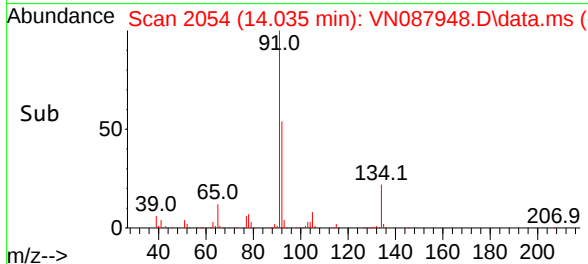
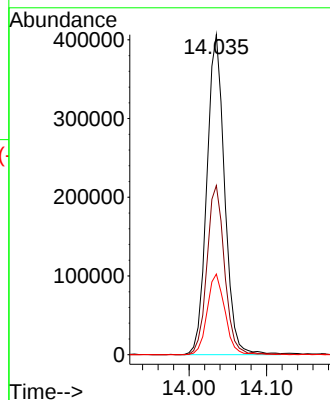
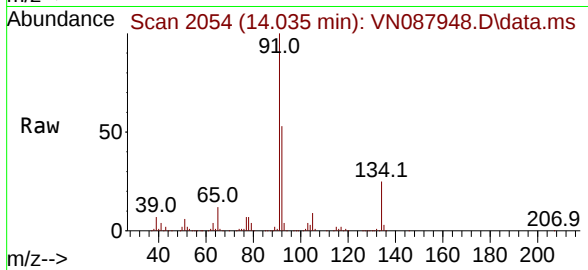
Tgt Ion: 91 Resp: 646997

Ion Ratio Lower Upper

91 100

92 52.6 25.9 77.8

134 25.3 12.6 37.8



#90

Hexachloroethane

Concen: 48.769 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087948.D

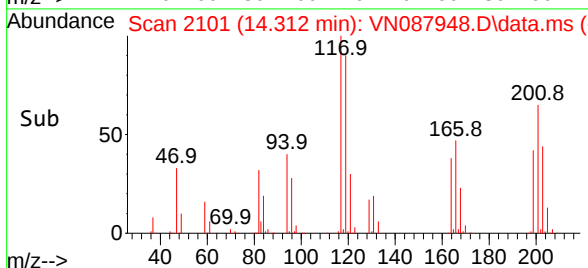
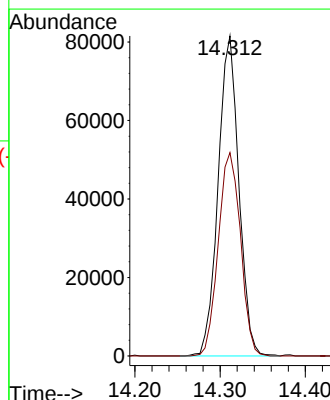
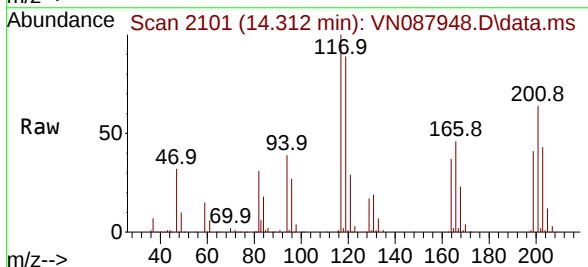
Acq: 25 Sep 2025 12:04

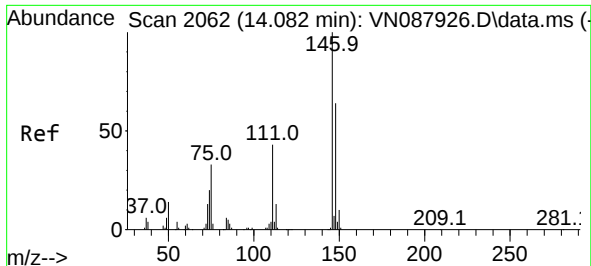
Tgt Ion: 117 Resp: 138063

Ion Ratio Lower Upper

117 100

201 68.0 33.6 100.6

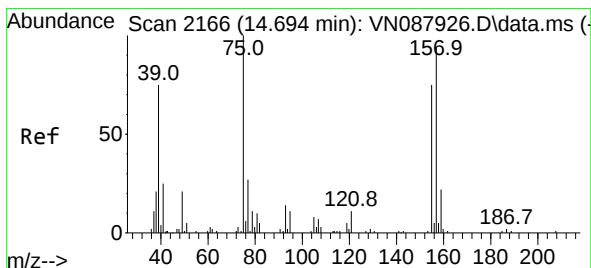
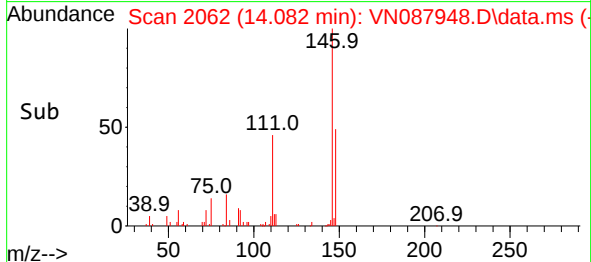
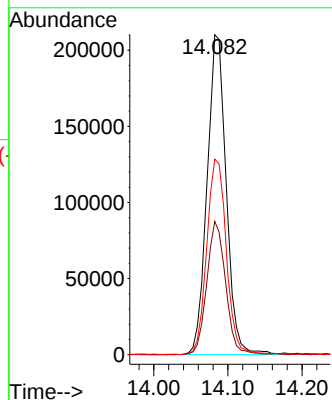
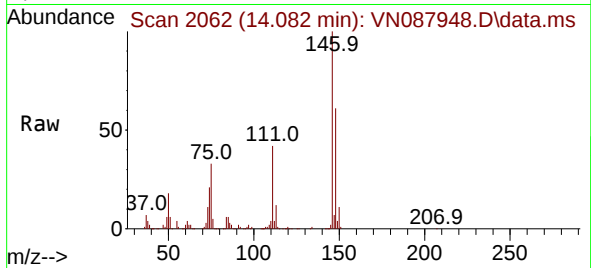




#91
 1,2-Dichlorobenzene
 Concen: 50.350 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN087948.D
 Acq: 25 Sep 2025 12:04

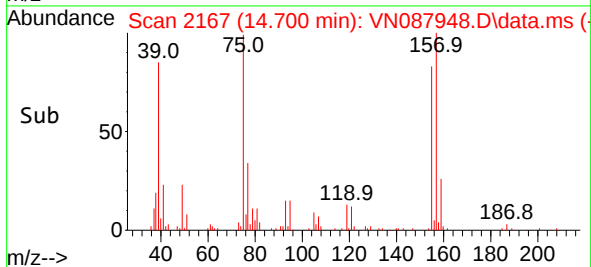
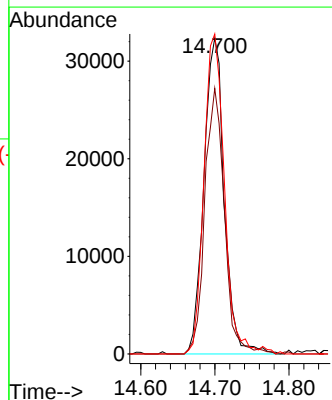
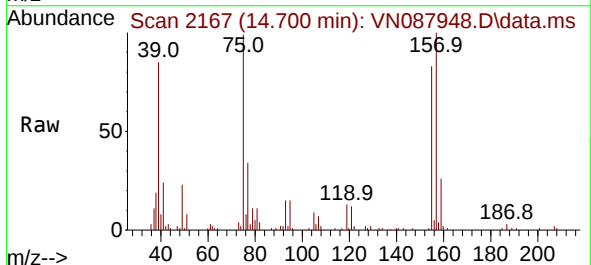
Instrument :
 MSVOA_N
 ClientSampleId :

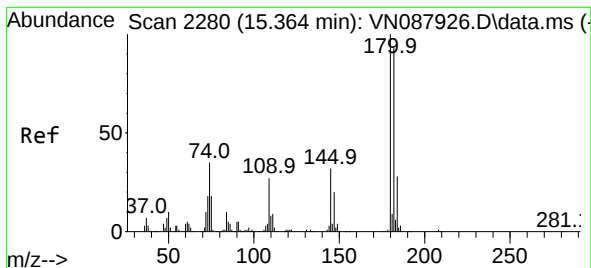
Tgt Ion:146 Resp: 375646
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.9 62.7
 148 63.4 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.412 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN087948.D
 Acq: 25 Sep 2025 12:04

Tgt Ion: 75 Resp: 61668
 Ion Ratio Lower Upper
 75 100
 155 81.0 40.2 120.6
 157 100.8 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 49.803 ug/l

RT: 15.370 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

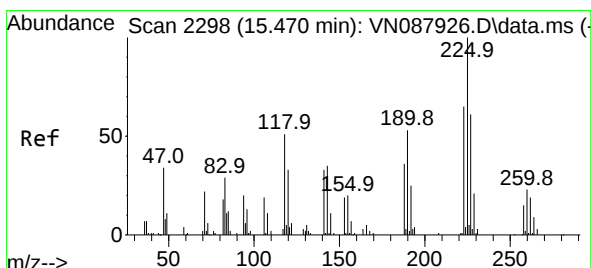
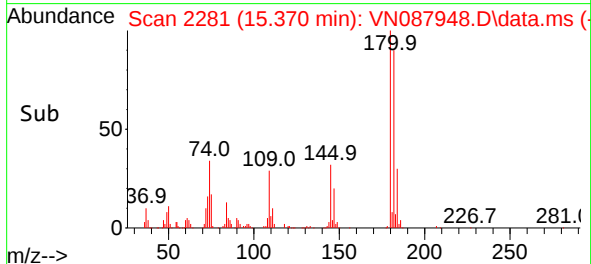
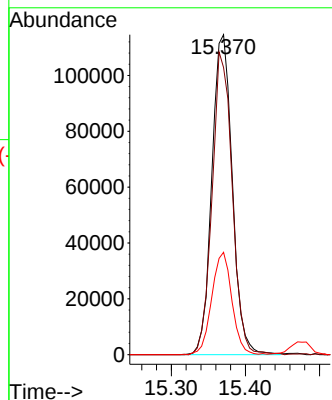
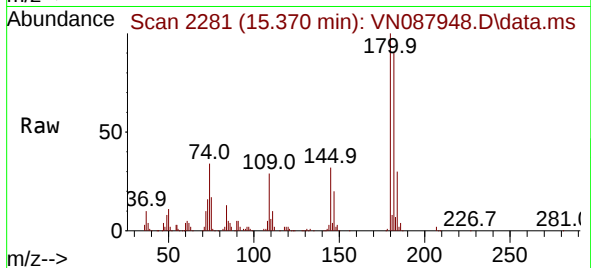
Tgt Ion:180 Resp: 219388

Ion Ratio Lower Upper

180 100

182 93.1 48.5 145.5

145 31.6 15.9 47.6



#94

Hexachlorobutadiene

Concen: 48.209 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

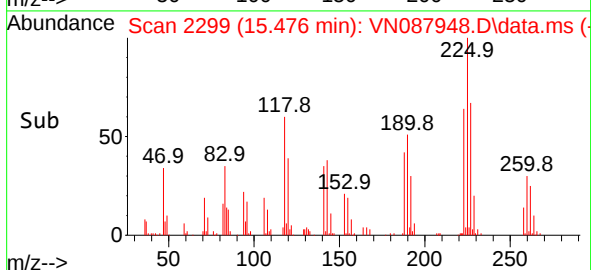
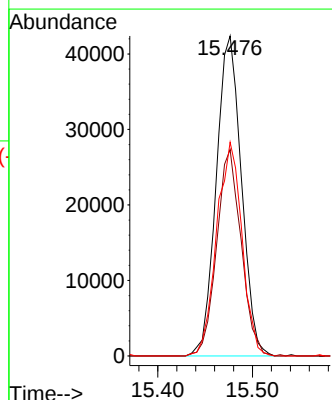
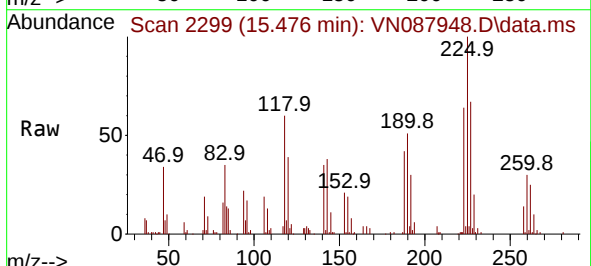
Tgt Ion:225 Resp: 78163

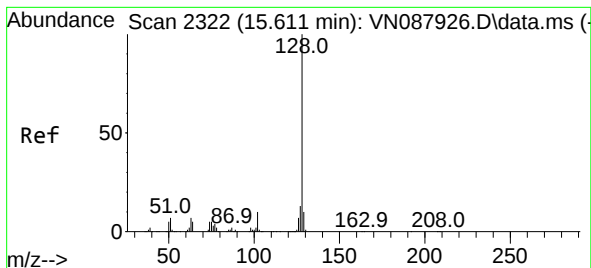
Ion Ratio Lower Upper

225 100

223 62.8 31.8 95.4

227 67.2 31.9 95.9





#95

Naphthalene

Concen: 52.038 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Instrument :

MSVOA_N

ClientSampleId :

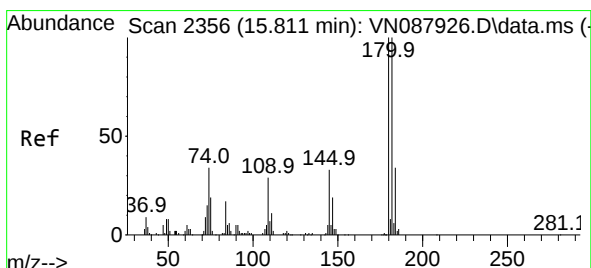
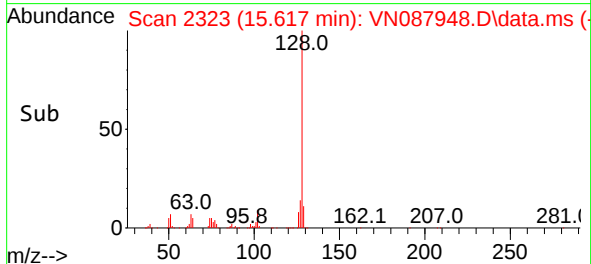
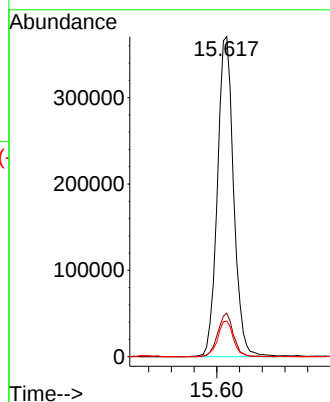
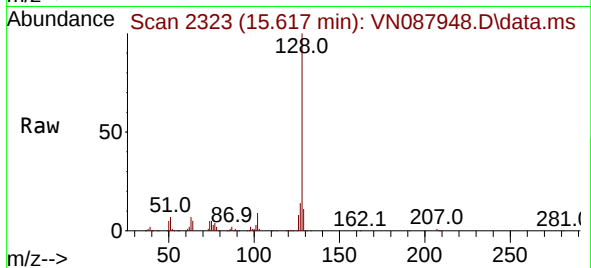
Tgt Ion:128 Resp: 735834

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.682 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087948.D

Acq: 25 Sep 2025 12:04

Tgt Ion:180 Resp: 212763

Ion Ratio Lower Upper

180 100

182 94.8 47.3 142.0

145 34.3 16.1 48.3

