

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
 Data File : VN087924.D
 Acq On : 23 Sep 2025 09:33
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 24 04:47:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 04:45:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	222356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	420635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	399169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	202125	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	18952	5.065	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	10.120%#
35) Dibromofluoromethane	8.153	113	15821	5.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.360%#
50) Toluene-d8	10.541	98	50031	4.658	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	9.320%#
62) 4-Bromofluorobenzene	12.829	95	18155	4.729	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	9.460%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	13126	5.097	ug/l	99
3) Chloromethane	2.383	50	14715	5.581	ug/l	93
4) Vinyl Chloride	2.536	62	14589	5.423	ug/l	93
5) Bromomethane	2.971	94	8627	5.173	ug/l	89
6) Chloroethane	3.136	64	9834	5.623	ug/l	93
7) Trichlorofluoromethane	3.512	101	25997	5.936	ug/l	99
8) Diethyl Ether	3.965	74	8903	5.381	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.365	101	13274	5.734	ug/l	97
10) Methyl Iodide	4.589	142	7442	3.572	ug/l	98
11) Tert butyl alcohol	5.518	59	13898	25.785	ug/l #	84
12) 1,1-Dichloroethene	4.336	96	13134	5.623	ug/l	85
13) Acrolein	4.171	56	18861	27.272	ug/l	100
14) Allyl chloride	5.012	41	19959	5.249	ug/l	92
15) Acrylonitrile	5.712	53	43865	25.945	ug/l	99
16) Acetone	4.430	43	47489	30.655	ug/l	97
17) Carbon Disulfide	4.700	76	39748	5.447	ug/l	100
18) Methyl Acetate	5.012	43	18268	4.741	ug/l #	57
19) Methyl tert-butyl Ether	5.794	73	45522	4.989	ug/l	100
20) Methylene Chloride	5.265	84	19358	6.212	ug/l #	94
21) trans-1,2-Dichloroethene	5.777	96	16849	5.884	ug/l	91
22) Diisopropyl ether	6.665	45	45352	5.109	ug/l #	94
23) Vinyl Acetate	6.588	43	176170	23.571	ug/l	98
24) 1,1-Dichloroethane	6.553	63	29249	5.640	ug/l	95
25) 2-Butanone	7.477	43	61960	26.329	ug/l	94
26) 2,2-Dichloropropane	7.471	77	25251	5.480	ug/l	97
27) cis-1,2-Dichloroethene	7.465	96	18948	5.562	ug/l	97
28) Bromochloromethane	7.794	49	14841	5.267	ug/l	98
29) Tetrahydrofuran	7.824	42	37229	24.706	ug/l	98
30) Chloroform	7.947	83	31560	5.566	ug/l	94
31) Cyclohexane	8.235	56	25850	6.160	ug/l	86
32) 1,1,1-Trichloroethane	8.153	97	26469	5.524	ug/l #	86
36) 1,1-Dichloropropene	8.359	75	18296	4.982	ug/l	95
37) Ethyl Acetate	7.553	43	25308	5.248	ug/l #	96
38) Carbon Tetrachloride	8.347	117	22056	5.234	ug/l	99
39) Methylcyclohexane	9.582	83	18721	4.621	ug/l #	85
40) Benzene	8.594	78	63389	5.213	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
 Data File : VN087924.D
 Acq On : 23 Sep 2025 09:33
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 24 04:47:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 04:45:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	12197	4.894	ug/l #	93
42) 1,2-Dichloroethane	8.647	62	24064	5.303	ug/l	99
43) Isopropyl Acetate	8.676	43	37238	4.906	ug/l	99
44) Trichloroethene	9.329	130	15430	5.313	ug/l	87
45) 1,2-Dichloropropane	9.606	63	16459	5.398	ug/l #	75
46) Dibromomethane	9.694	93	11919	4.954	ug/l	97
47) Bromodichloromethane	9.865	83	24450	5.181	ug/l #	93
48) Methyl methacrylate	9.665	41	16484	4.689	ug/l	89
49) 1,4-Dioxane	9.688	88	5284	101.752	ug/l #	76
51) 4-Methyl-2-Pentanone	10.423	43	111966	23.639	ug/l	97
52) Toluene	10.606	92	37730	4.945	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	23406	4.847	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	24940	4.972	ug/l	93
55) 1,1,2-Trichloroethane	10.994	97	16385	5.281	ug/l #	82
56) Ethyl methacrylate	10.859	69	18199	4.060	ug/l	96
57) 1,3-Dichloropropane	11.141	76	25677	5.032	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.141	63	40658	19.289	ug/l	100
59) 2-Hexanone	11.182	43	62373	19.915	ug/l	98
60) Dibromochloromethane	11.335	129	17873	4.900	ug/l	97
61) 1,2-Dibromoethane	11.447	107	16603	5.055	ug/l	96
64) Tetrachloroethene	11.076	164	12289	5.054	ug/l	94
65) Chlorobenzene	11.870	112	42197	4.968	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	16032	5.234	ug/l	94
67) Ethyl Benzene	11.947	91	65844	4.645	ug/l	99
68) m/p-Xylenes	12.053	106	48826	9.007	ug/l	100
69) o-Xylene	12.382	106	23662	4.543	ug/l	99
70) Styrene	12.388	104	36168	4.043	ug/l	98
71) Bromoform	12.564	173	11400	4.587	ug/l #	94
73) Isopropylbenzene	12.670	105	53756	4.291	ug/l	99
74) N-amyl acetate	12.523	43	267	0.072	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.917	83	24506	5.429	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	28651	7.146	ug/l	61
77) Bromobenzene	12.959	156	17210	5.163	ug/l	95
78) n-propylbenzene	13.011	91	73512	4.694	ug/l	100
79) 2-Chlorotoluene	13.106	91	47102	4.939	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	48265	4.454	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.729	75	6119	4.265	ug/l	95
82) 4-Chlorotoluene	13.200	91	42937	4.468	ug/l	95
83) tert-Butylbenzene	13.411	119	39678	4.326	ug/l	93
84) 1,2,4-Trimethylbenzene	13.464	105	48866	4.397	ug/l	99
85) sec-Butylbenzene	13.594	105	62218	4.627	ug/l	100
86) p-Isopropyltoluene	13.706	119	50459	4.431	ug/l	97
87) 1,3-Dichlorobenzene	13.711	146	34148	5.250	ug/l	96
88) 1,4-Dichlorobenzene	13.788	146	36387	5.444	ug/l	92
89) n-Butylbenzene	14.029	91	50142	4.659	ug/l	94
90) Hexachloroethane	14.311	117	12750	5.359	ug/l	95
91) 1,2-Dichlorobenzene	14.088	146	32149	5.128	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.688	75	5752	5.485	ug/l	83
93) 1,2,4-Trichlorobenzene	15.370	180	17526	4.735	ug/l	95
94) Hexachlorobutadiene	15.476	225	7041	5.168	ug/l	95
95) Naphthalene	15.611	128	48467	4.079	ug/l	97
96) 1,2,3-Trichlorobenzene	15.811	180	15763	4.380	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087924.D
Acq On : 23 Sep 2025 09:33
Operator : JC\MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

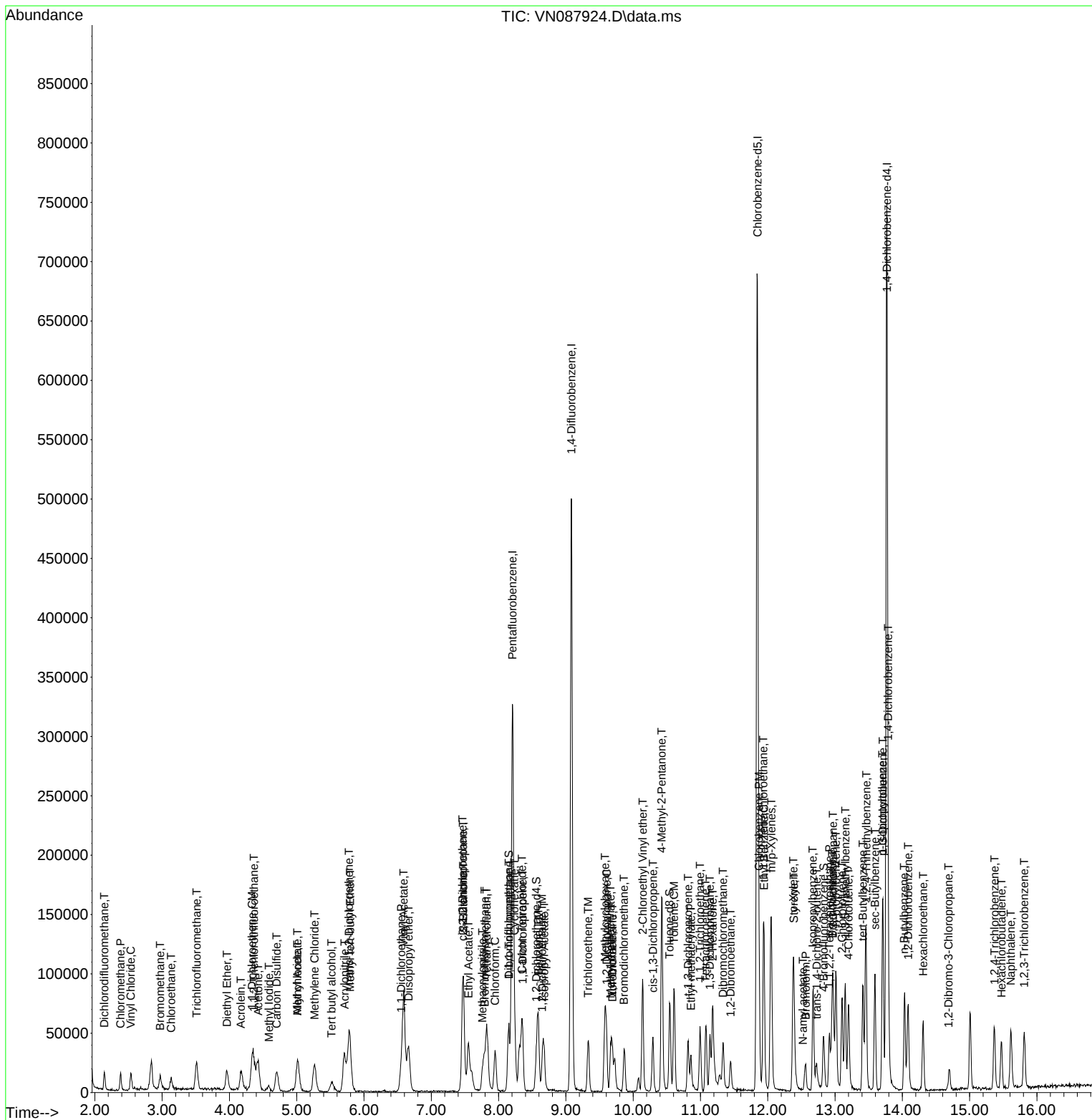
Instrument :
MSVOA_N
ClientSampleId :

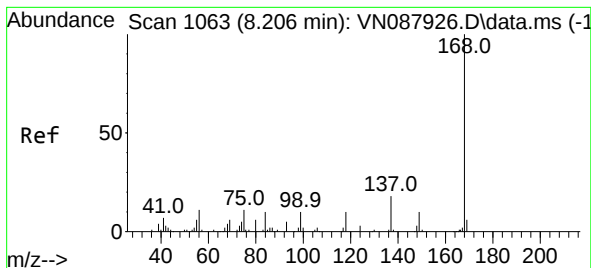
Quant Time: Sep 24 04:47:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

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

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

Quant Time: Sep 24 04:47:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

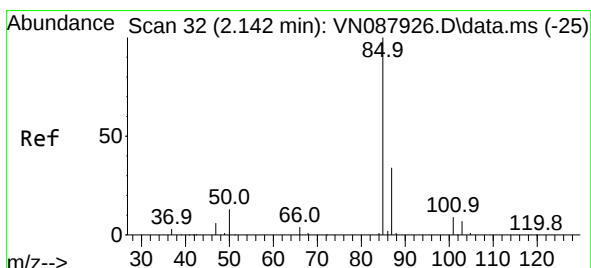
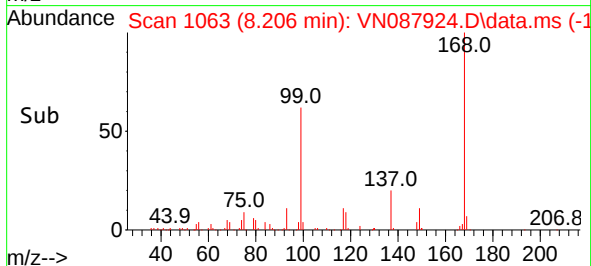
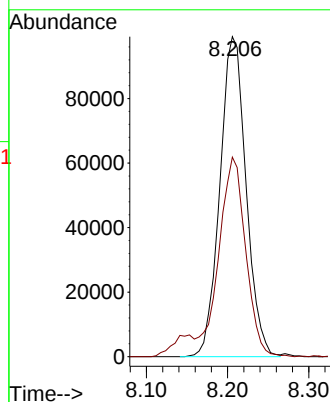
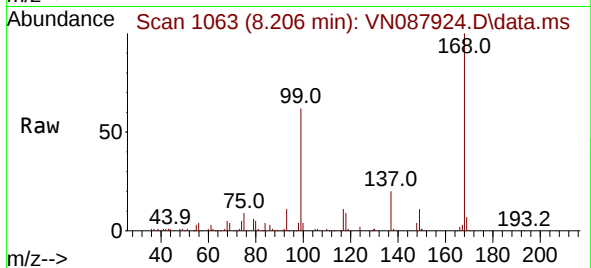




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

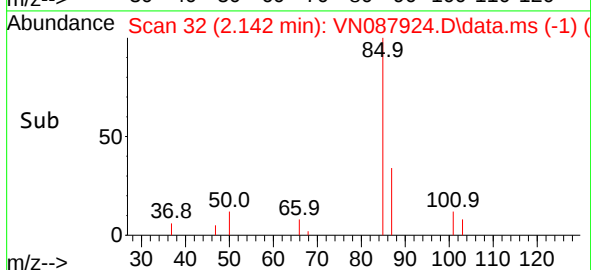
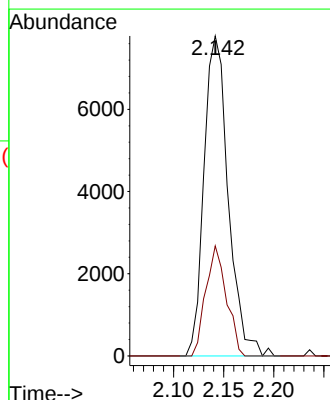
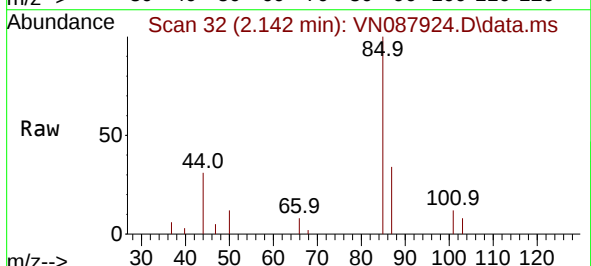
Instrument :
MSVOA_N
ClientSampleId :

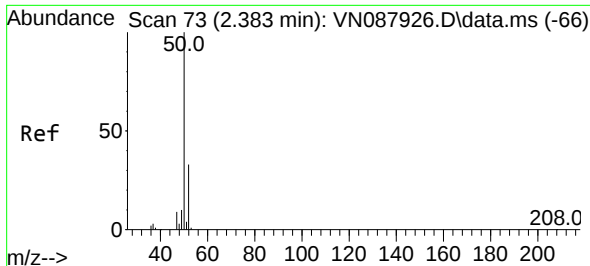
Tgt Ion:168 Resp: 222356
Ion Ratio Lower Upper
168 100
99 62.0 52.2 78.2



#2
Dichlorodifluoromethane
Concen: 5.097 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion: 85 Resp: 13126
Ion Ratio Lower Upper
85 100
87 34.4 16.9 50.6

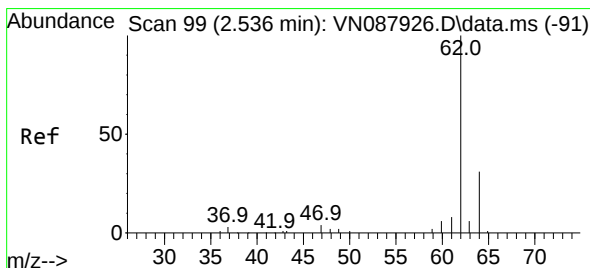
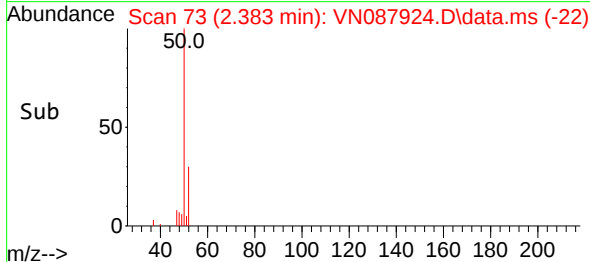
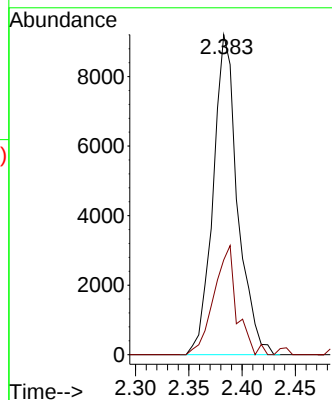
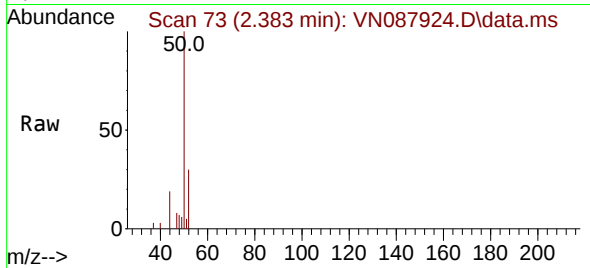




#3
Chloromethane
Concen: 5.581 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

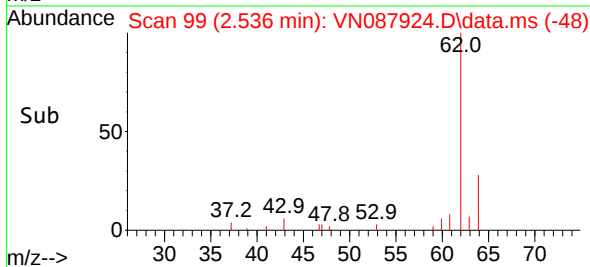
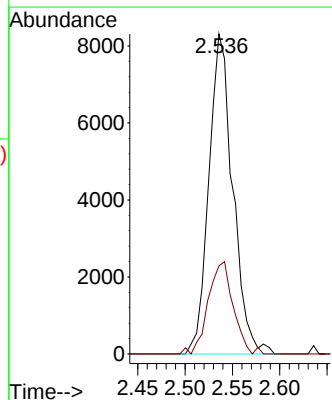
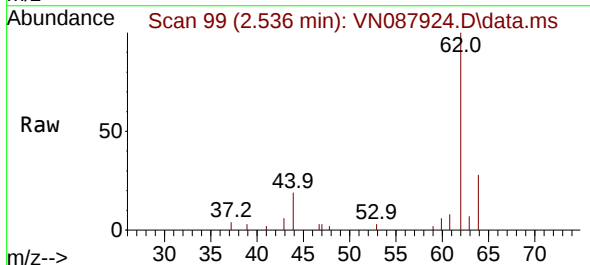
Instrument :
MSVOA_N
ClientSampleId :

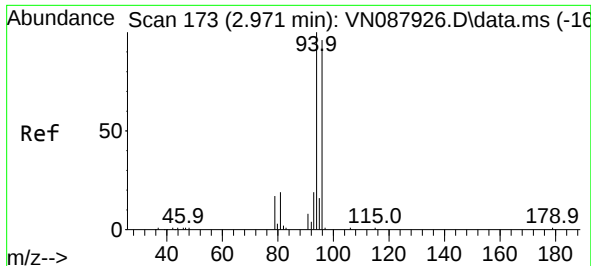
Tgt Ion: 50 Resp: 14715
Ion Ratio Lower Upper
50 100
52 29.6 26.6 40.0



#4
Vinyl Chloride
Concen: 5.423 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion: 62 Resp: 14589
Ion Ratio Lower Upper
62 100
64 27.6 25.2 37.8

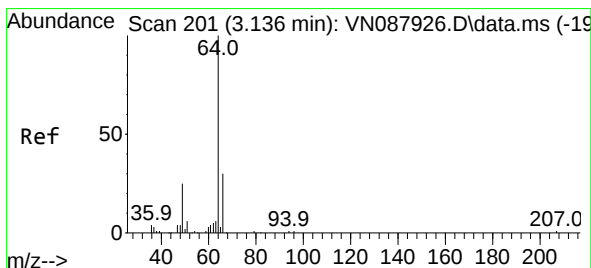
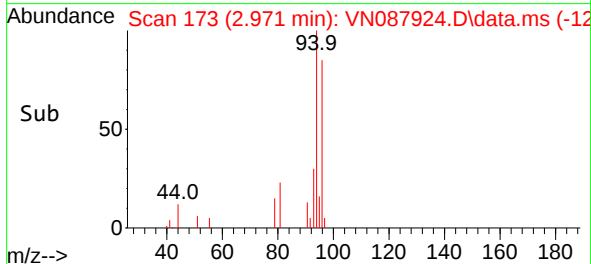
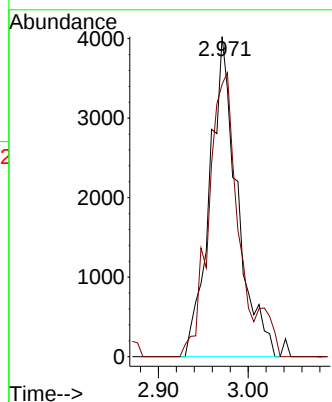
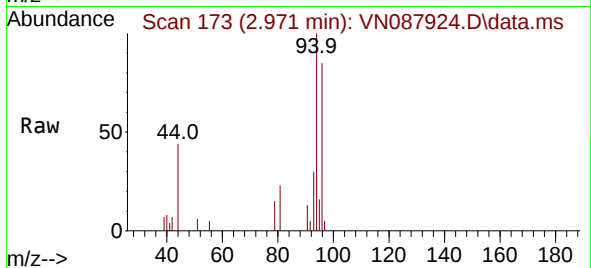




#5
Bromomethane
Concen: 5.173 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

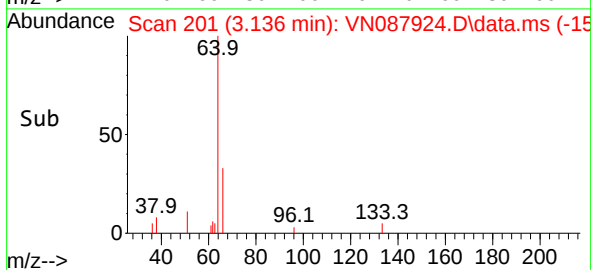
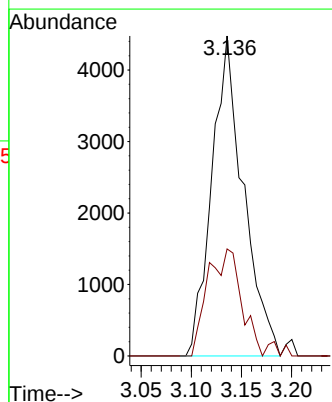
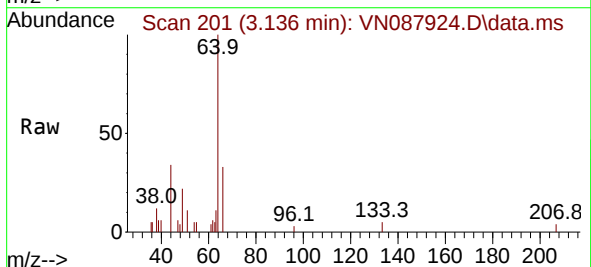
Instrument :
MSVOA_N
ClientSampleId :

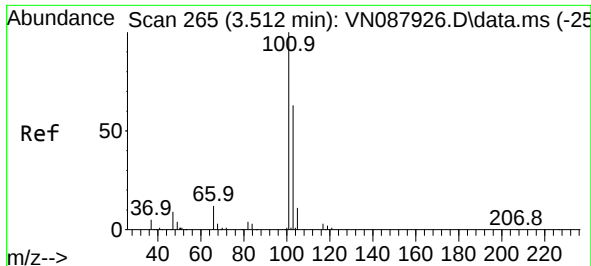
Tgt Ion: 94 Resp: 8627
Ion Ratio Lower Upper
94 100
96 85.2 76.8 115.2



#6
Chloroethane
Concen: 5.623 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion: 64 Resp: 9834
Ion Ratio Lower Upper
64 100
66 33.5 23.8 35.8

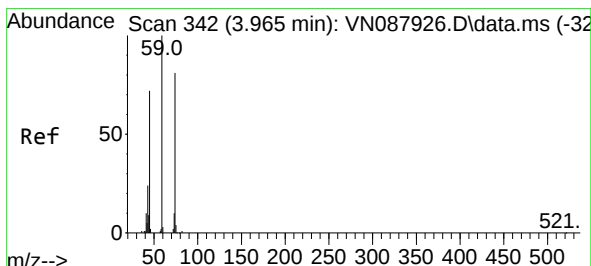
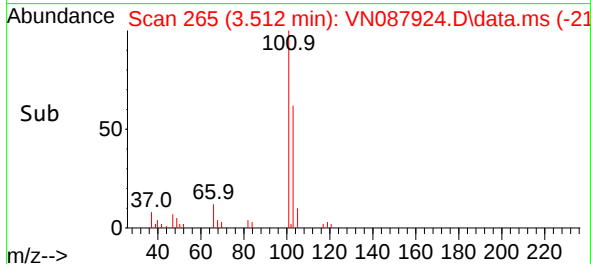
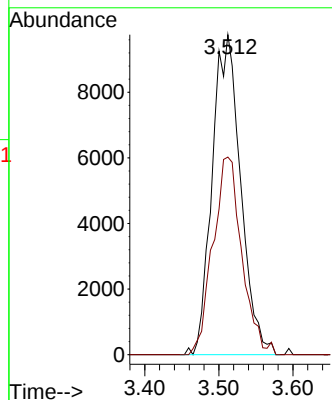
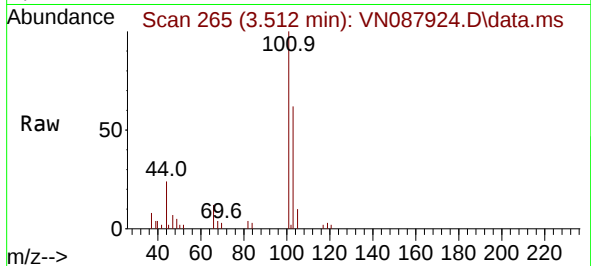




#7
 Trichlorofluoromethane
 Concen: 5.936 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

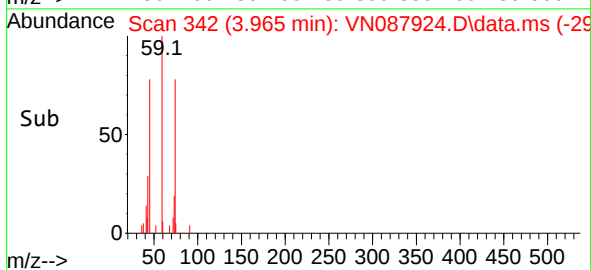
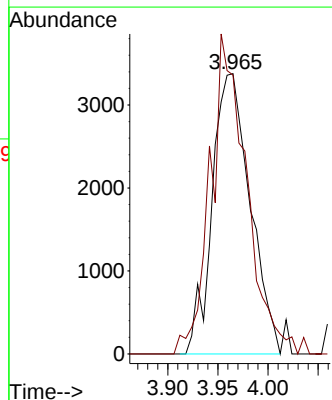
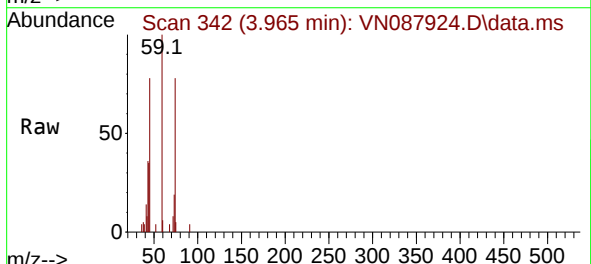
Instrument :
 MSVOA_N
 ClientSampleId :

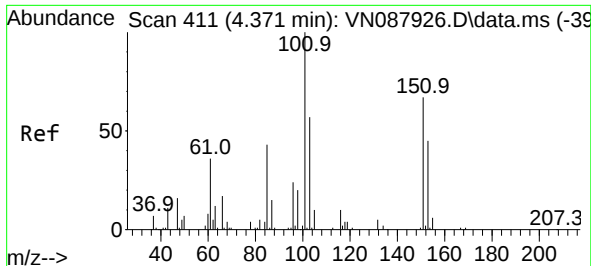
Tgt Ion:101 Resp: 25997
 Ion Ratio Lower Upper
 101 100
 103 61.8 50.2 75.4



#8
 Diethyl Ether
 Concen: 5.381 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

Tgt Ion: 74 Resp: 8903
 Ion Ratio Lower Upper
 74 100
 45 108.9 45.4 136.1

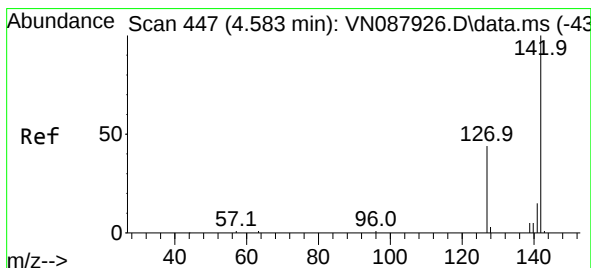
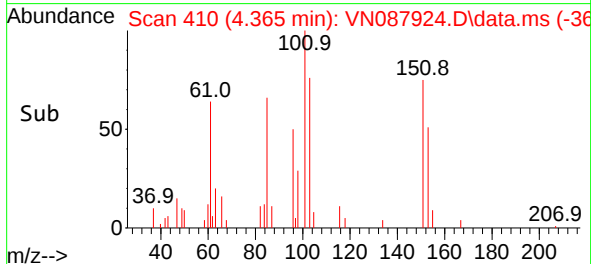
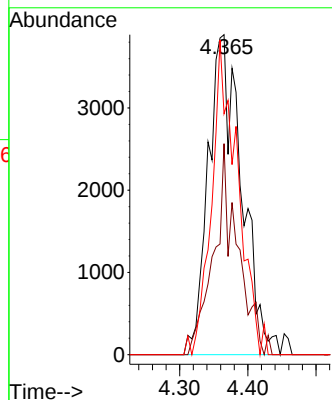
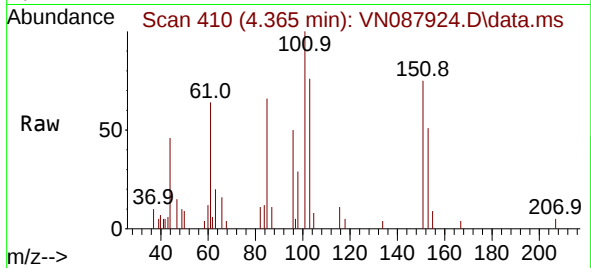




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.734 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

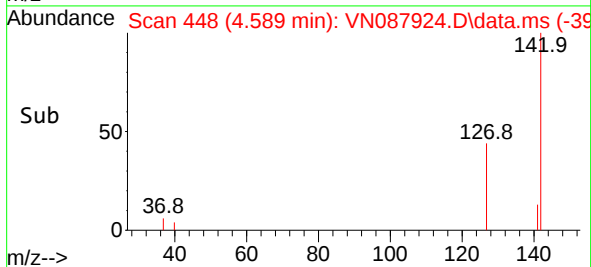
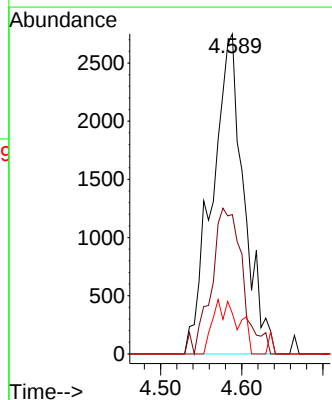
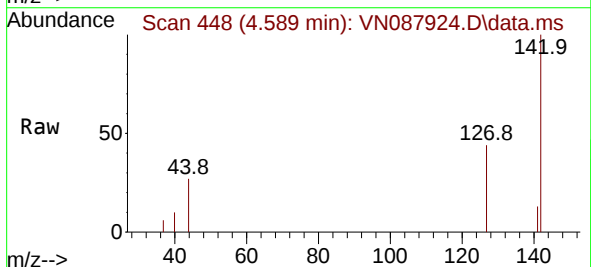
Instrument :
MSVOA_N
ClientSampleId :

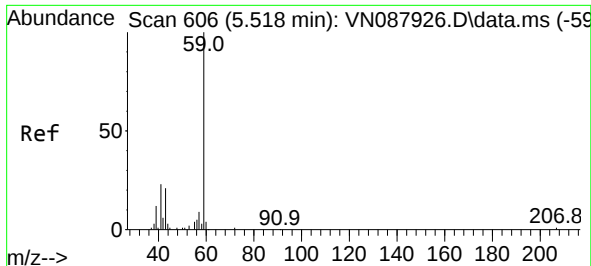
Tgt Ion:101 Resp: 13274
Ion Ratio Lower Upper
101 100
85 46.2 36.5 54.7
151 76.2 58.6 87.8



#10
Methyl Iodide
Concen: 3.572 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

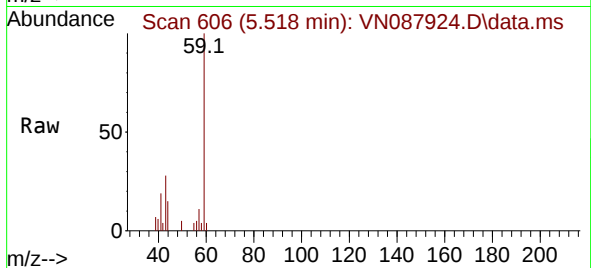
Tgt Ion:142 Resp: 7442
Ion Ratio Lower Upper
142 100
127 43.5 35.3 52.9
141 12.6 11.8 17.8



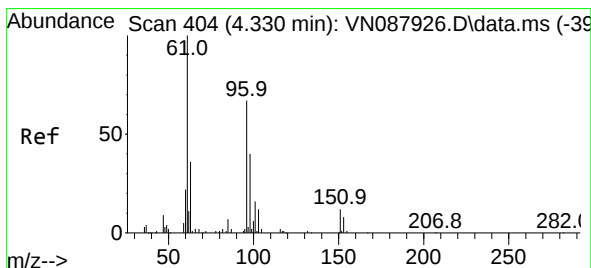
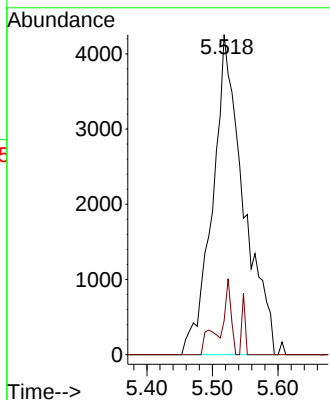
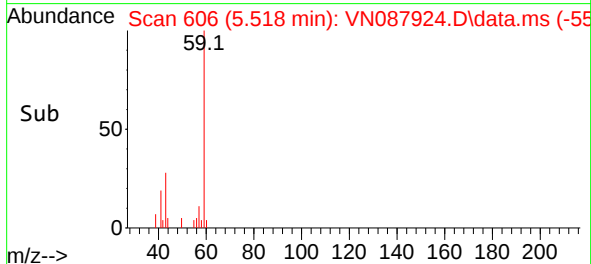


#11
Tert butyl alcohol
Concen: 25.785 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

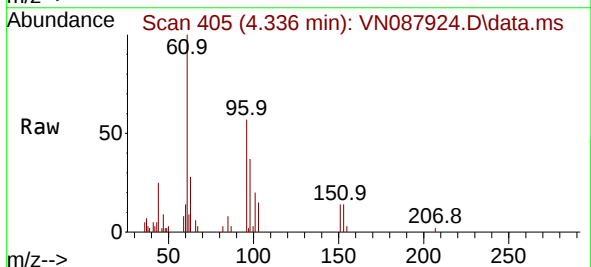
Instrument :
MSVOA_N
ClientSampleId :



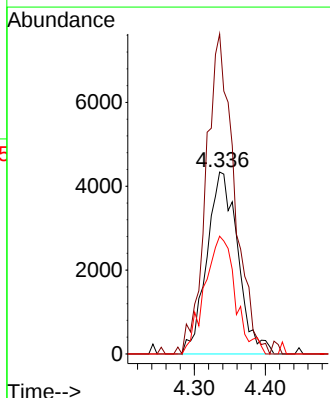
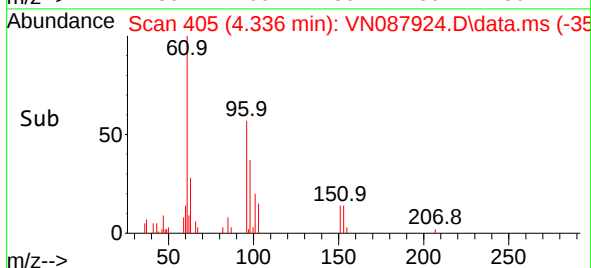
Tgt Ion: 59 Resp: 13898
Ion Ratio Lower Upper
59 100
57 4.8 8.8 13.2#

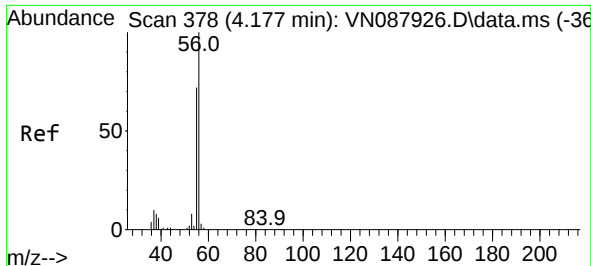


#12
1,1-Dichloroethene
Concen: 5.623 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33



Tgt Ion: 96 Resp: 13134
Ion Ratio Lower Upper
96 100
61 172.1 119.2 178.8
98 64.8 47.5 71.3





#13

Acrolein

Concen: 27.272 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

Instrument :

MSVOA_N

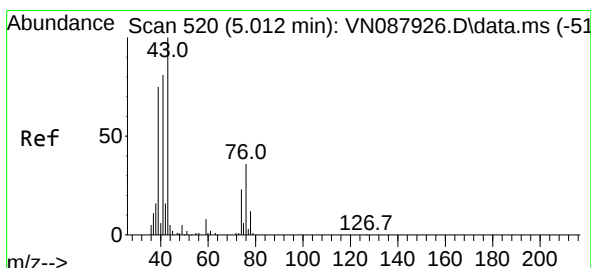
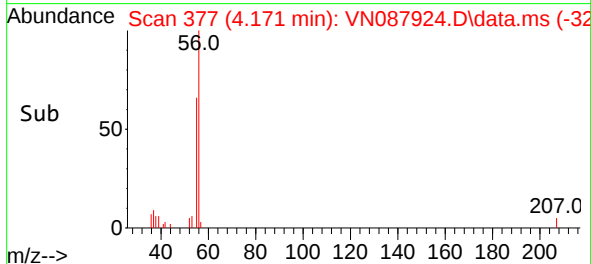
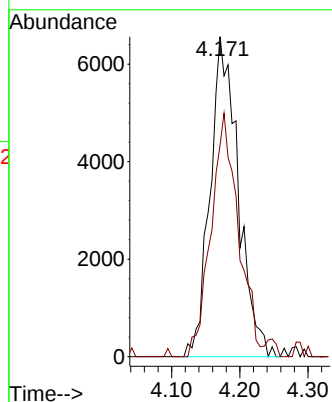
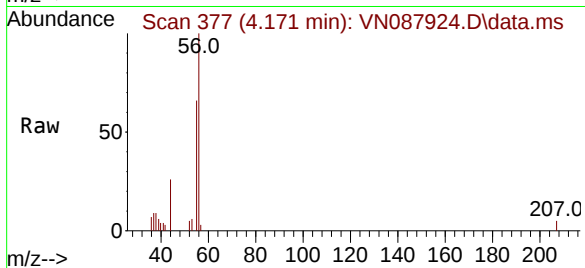
ClientSampleId :

Tgt Ion: 56 Resp: 18861

Ion Ratio Lower Upper

56 100

55 73.7 59.3 88.9



#14

Allyl chloride

Concen: 5.249 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.000 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

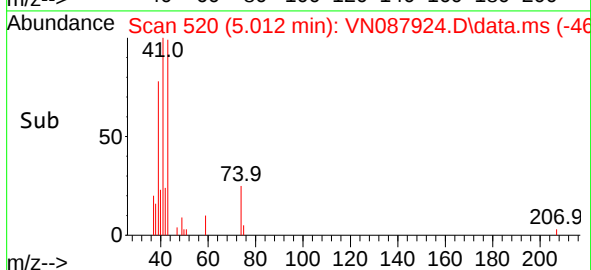
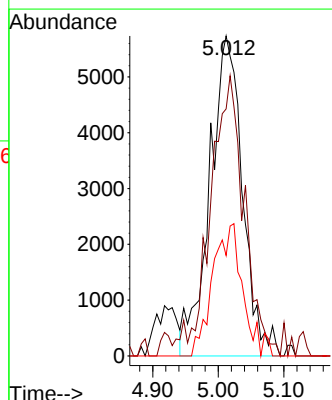
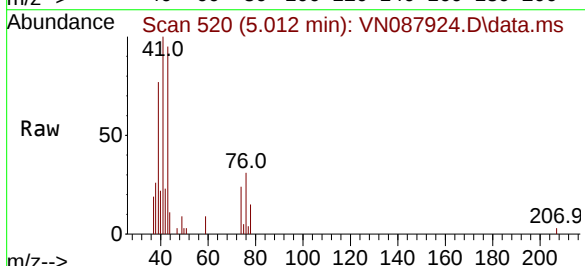
Tgt Ion: 41 Resp: 19959

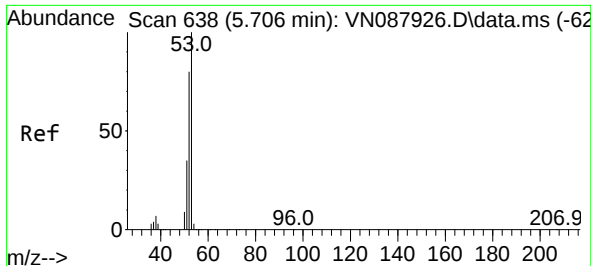
Ion Ratio Lower Upper

41 100

39 86.8 63.8 95.8

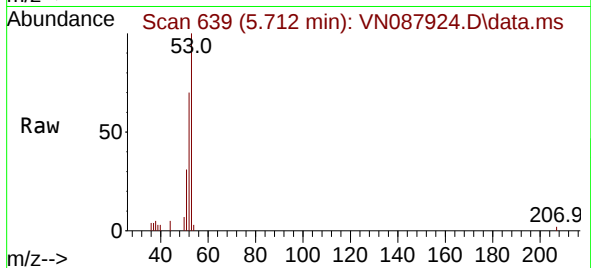
76 36.4 33.0 49.6



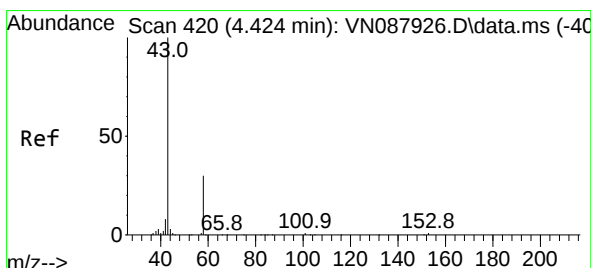
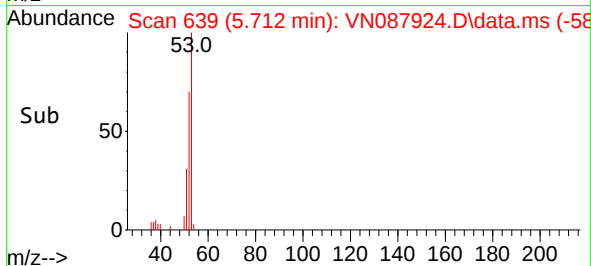
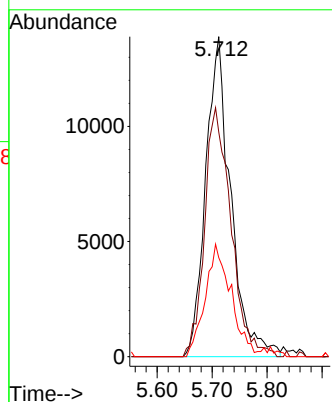


#15
Acrylonitrile
Concen: 25.945 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Instrument :
MSVOA_N
ClientSampleId :

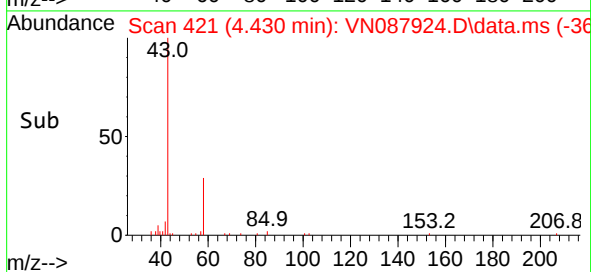
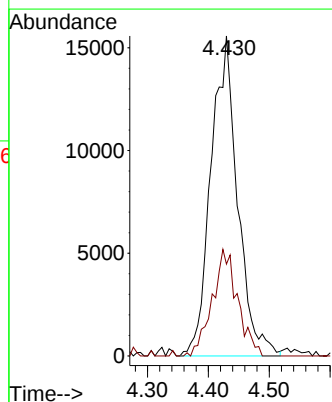
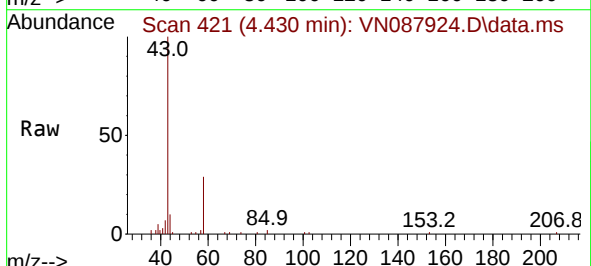


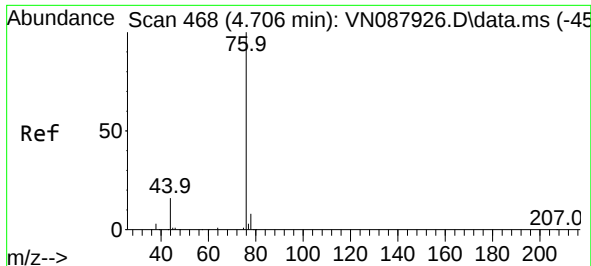
Tgt Ion: 53 Resp: 43865
Ion Ratio Lower Upper
53 100
52 82.4 66.6 99.8
51 36.3 29.0 43.4



#16
Acetone
Concen: 30.655 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion: 43 Resp: 47489
Ion Ratio Lower Upper
43 100
58 28.7 24.1 36.1

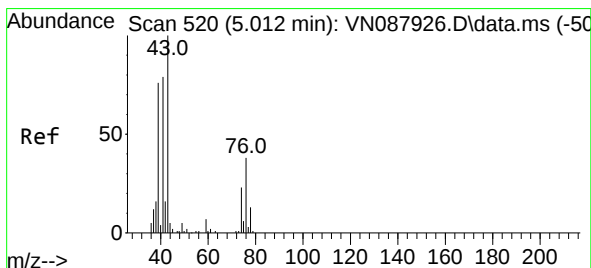
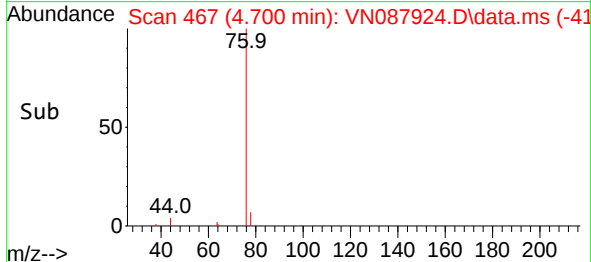
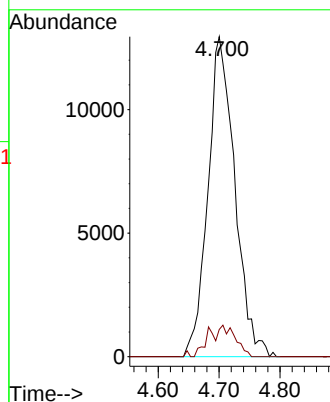
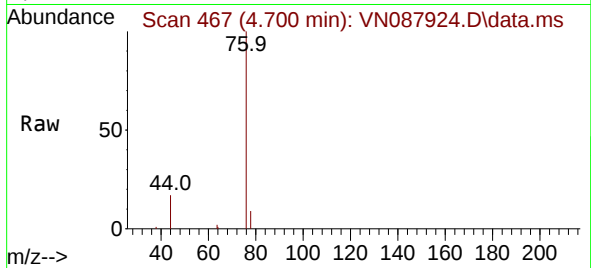




#17
Carbon Disulfide
Concen: 5.447 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

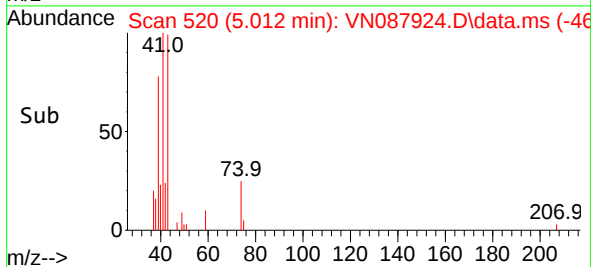
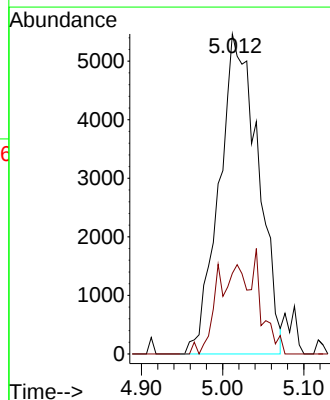
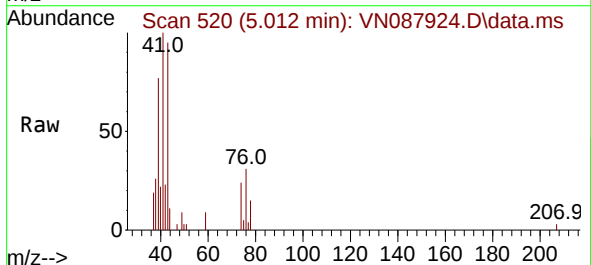
Instrument :
MSVOA_N
ClientSampleId :

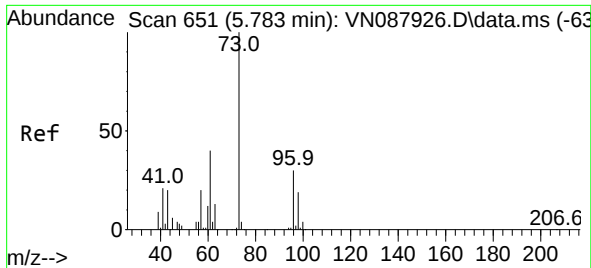
Tgt Ion: 76 Resp: 39748
Ion Ratio Lower Upper
76 100
78 8.5 6.7 10.1



#18
Methyl Acetate
Concen: 4.741 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion: 43 Resp: 18268
Ion Ratio Lower Upper
43 100
74 3.2 19.7 29.5#

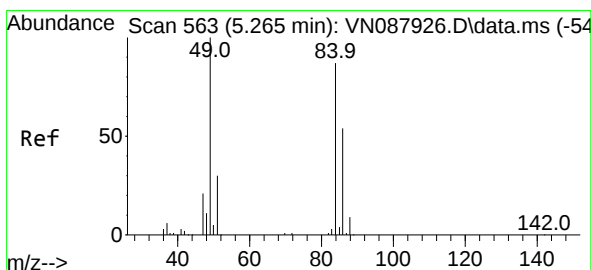
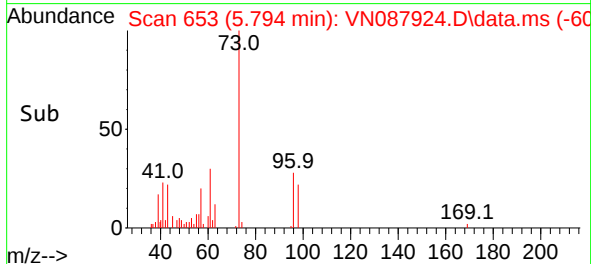
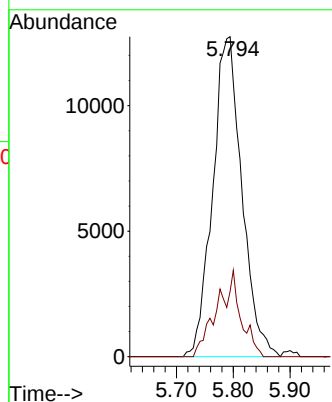
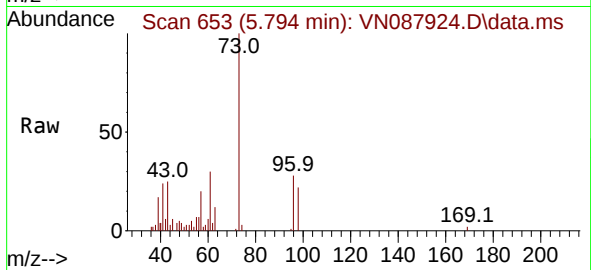




#19
Methyl tert-butyl Ether
Concen: 4.989 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

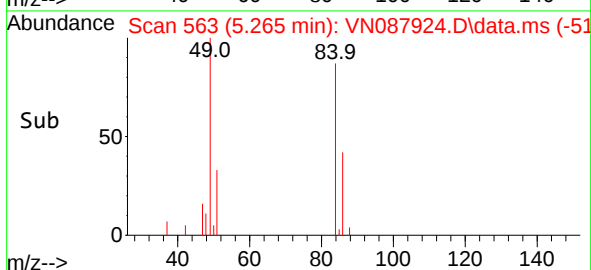
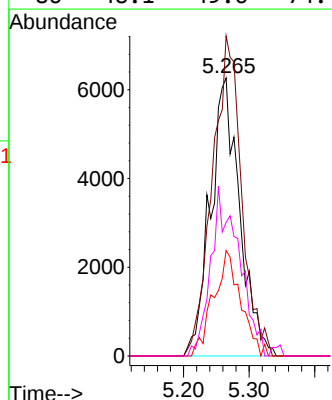
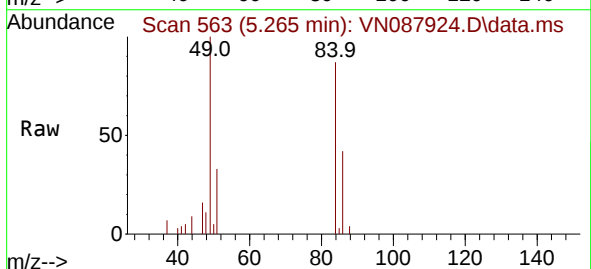
Instrument :
MSVOA_N
ClientSampleId :

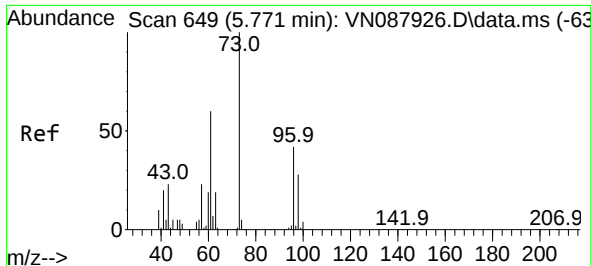
Tgt Ion: 73 Resp: 45522
Ion Ratio Lower Upper
73 100
57 20.5 16.3 24.5



#20
Methylene Chloride
Concen: 6.212 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

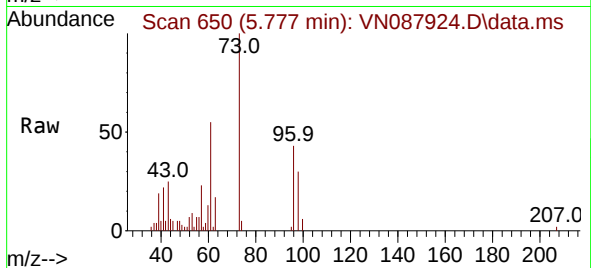
Tgt Ion: 84 Resp: 19358
Ion Ratio Lower Upper
84 100
49 115.2 92.1 138.1
51 38.0 27.7 41.5
86 48.1 49.6 74.4#



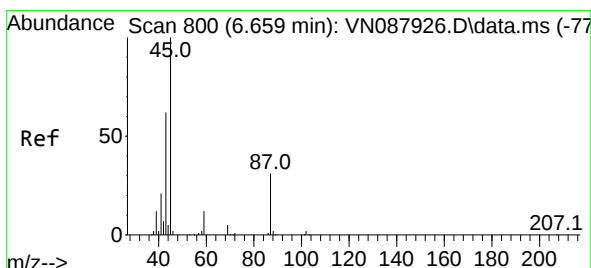
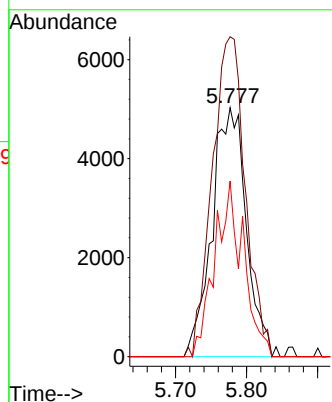
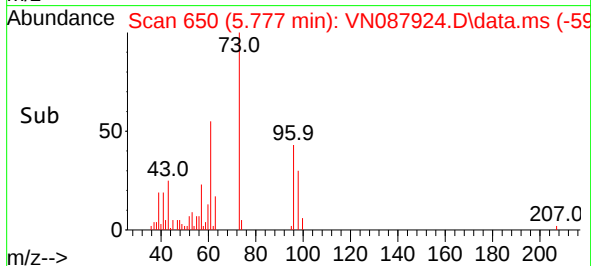


#21
trans-1,2-Dichloroethene
Concen: 5.884 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

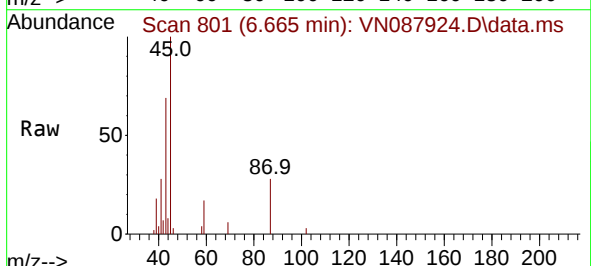
Instrument :
MSVOA_N
ClientSampleId :



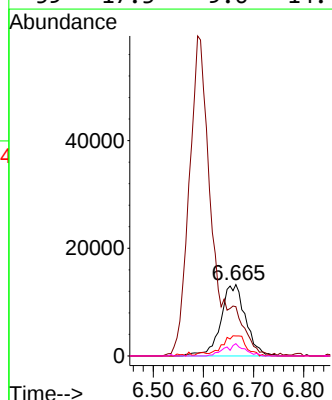
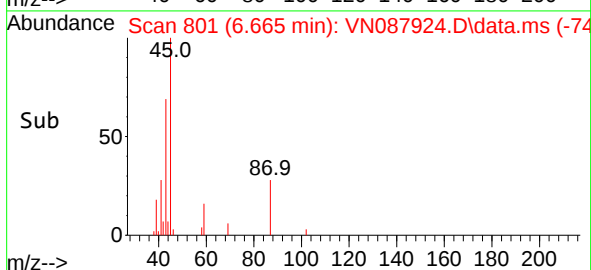
Tgt Ion: 96 Resp: 16849
Ion Ratio Lower Upper
96 100
61 128.5 114.4 171.6
98 70.6 53.6 80.4

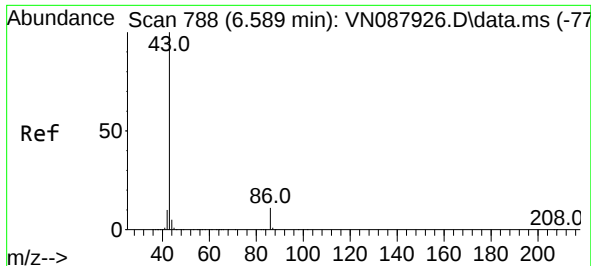


#22
Diisopropyl ether
Concen: 5.109 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33



Tgt Ion: 45 Resp: 45352
Ion Ratio Lower Upper
45 100
43 65.2 49.9 74.9
87 28.1 25.2 37.8
59 17.3 9.6 14.4#

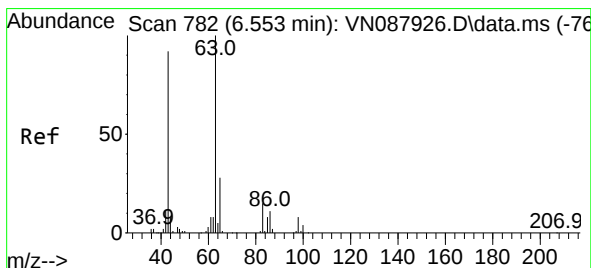
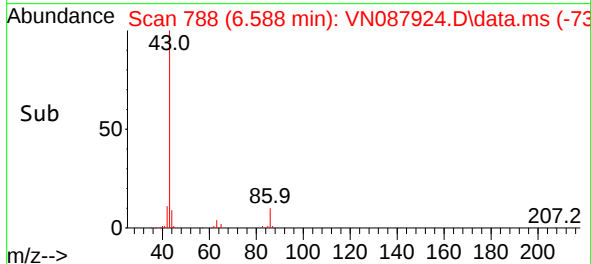
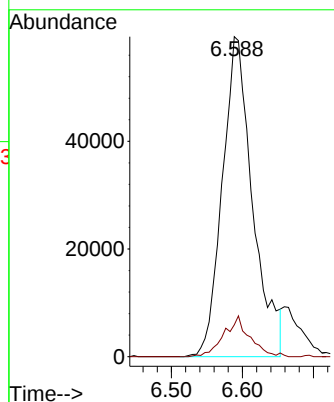
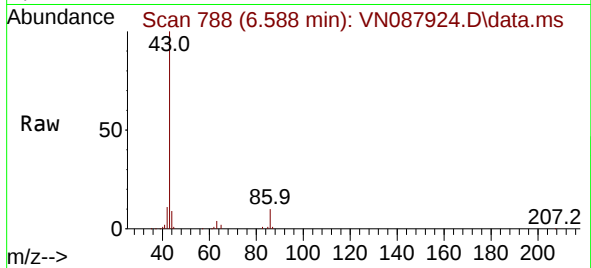




#23
 Vinyl Acetate
 Concen: 23.571 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

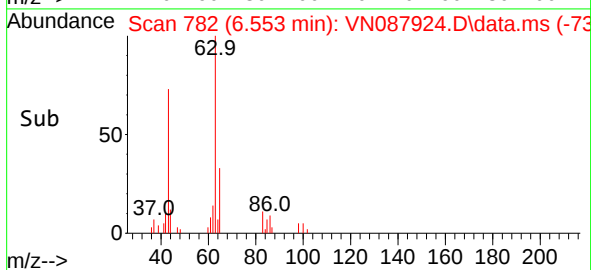
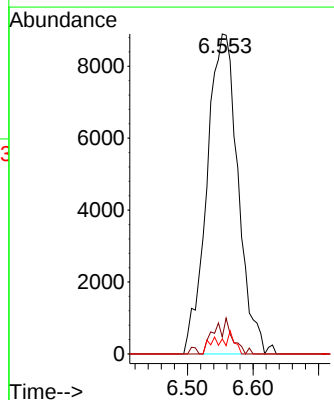
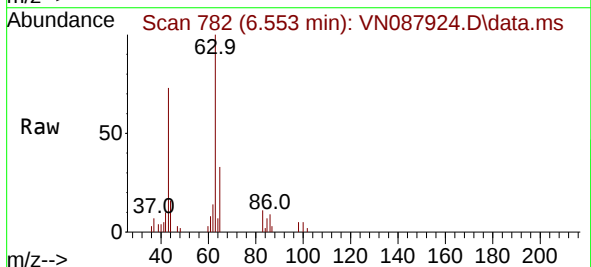
Instrument :
 MSVOA_N
 ClientSampleId :

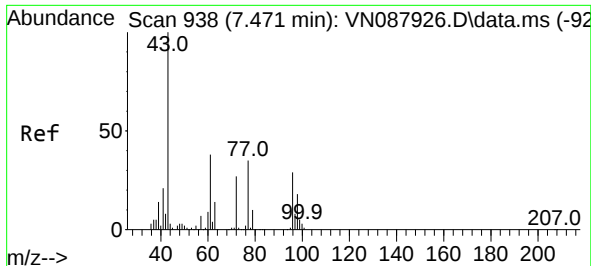
Tgt Ion: 43 Resp: 176170
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 5.640 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

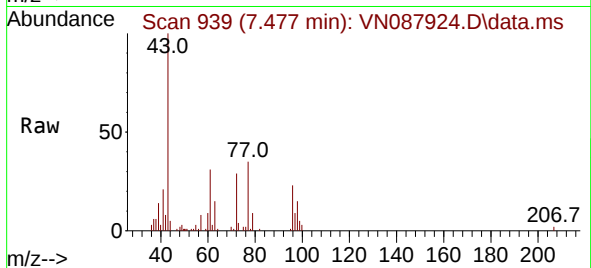
Tgt Ion: 63 Resp: 29249
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.9 11.5
 100 4.7 2.1 6.5



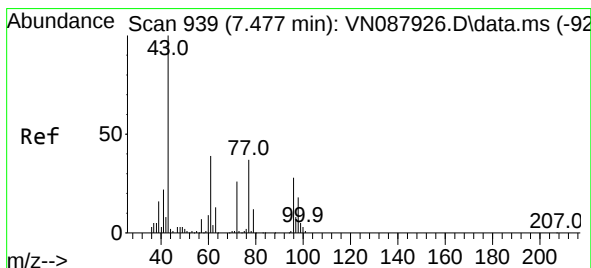
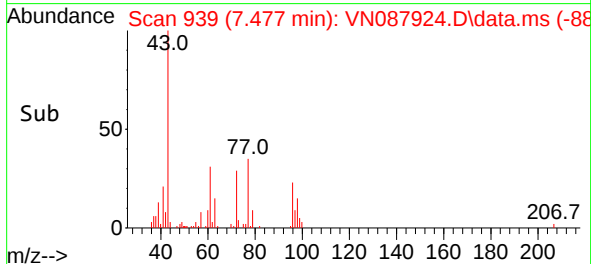
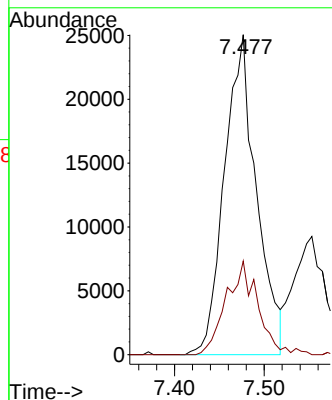


#25
2-Butanone
Concen: 26.329 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Instrument :
MSVOA_N
ClientSampleId :

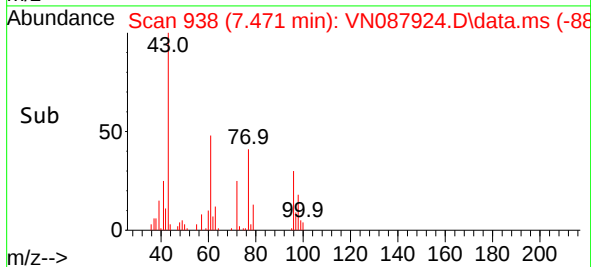
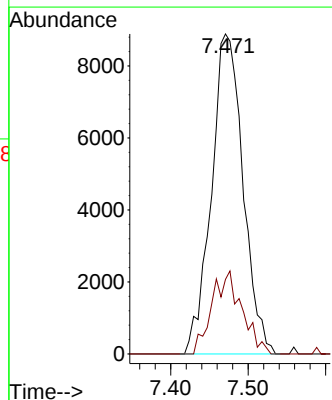
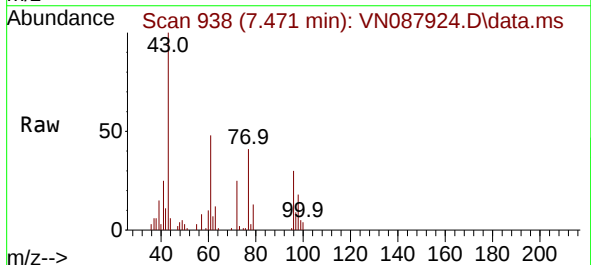


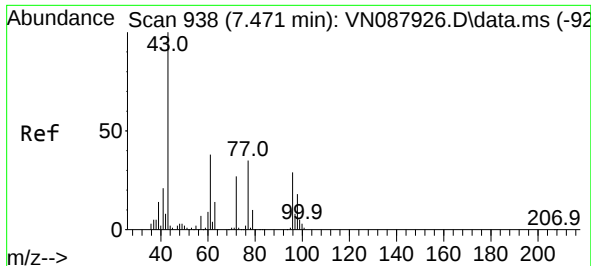
Tgt Ion: 43 Resp: 61960
Ion Ratio Lower Upper
43 100
72 30.0 21.5 32.3



#26
2,2-Dichloropropane
Concen: 5.480 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

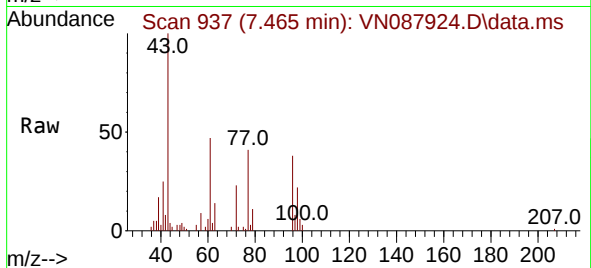
Tgt Ion: 77 Resp: 25251
Ion Ratio Lower Upper
77 100
97 24.5 11.5 34.5





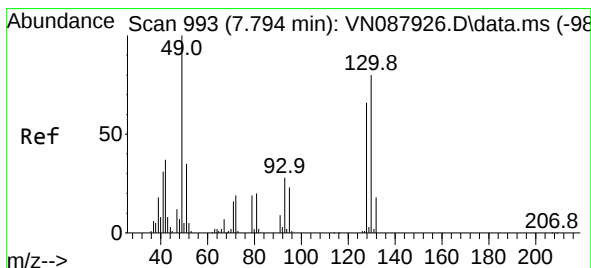
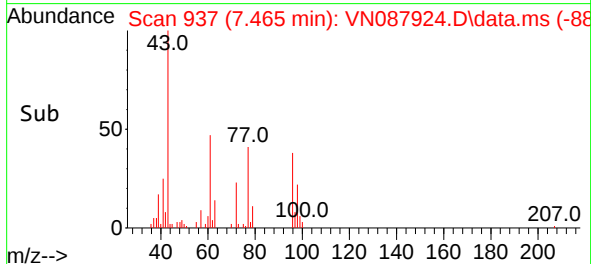
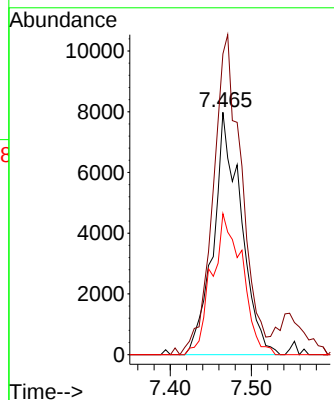
#27
 cis-1,2-Dichloroethene
 Concen: 5.562 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 96 Resp: 18948

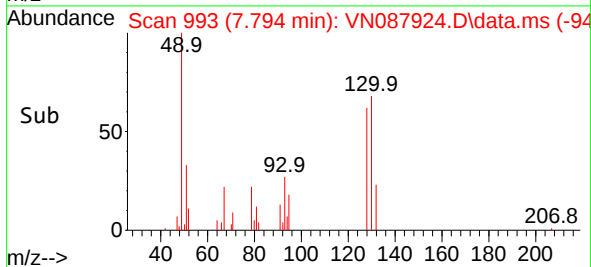
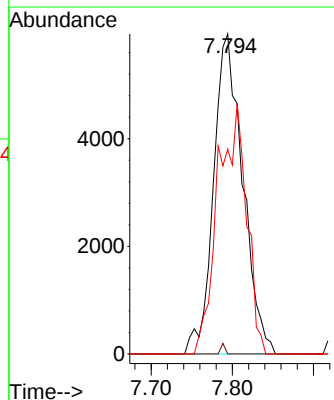
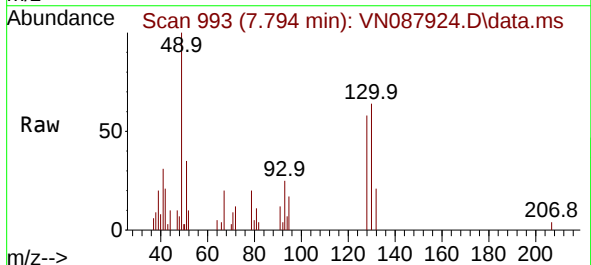
Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	283.0
98	63.8	0.0	127.6

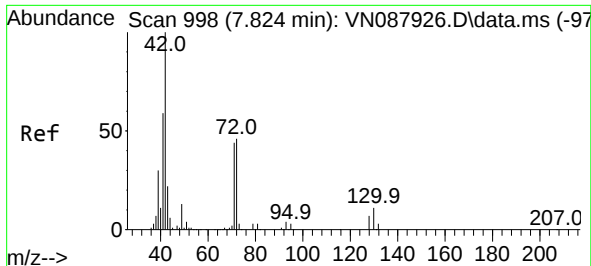


#28
 Bromochloromethane
 Concen: 5.267 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

Tgt Ion: 49 Resp: 14841

Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	5.4
130	77.0	62.6	94.0





#29

Tetrahydrofuran

Concen: 24.706 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

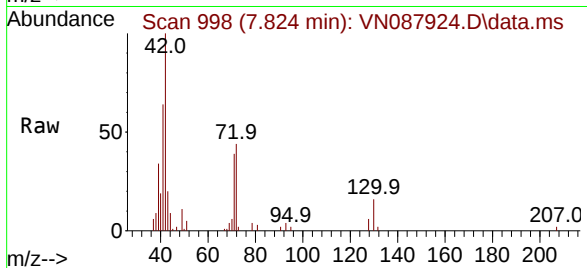
Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

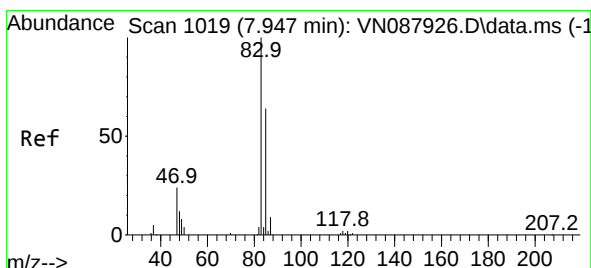
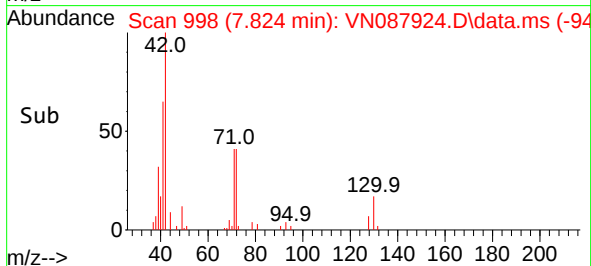
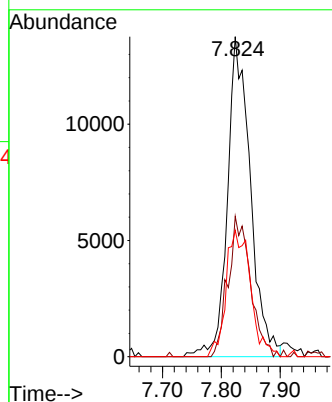
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	37229
Ion	Ratio	Lower	Upper
42	100		
72	43.1	36.5	54.7
71	42.2	33.8	50.8



#30

Chloroform

Concen: 5.566 ug/l

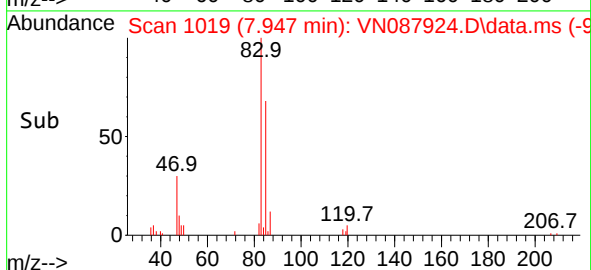
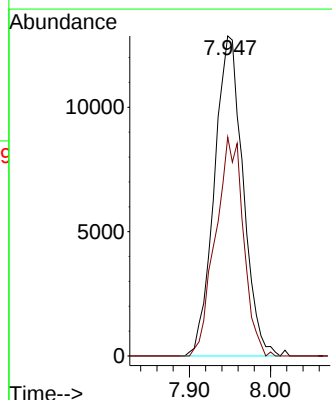
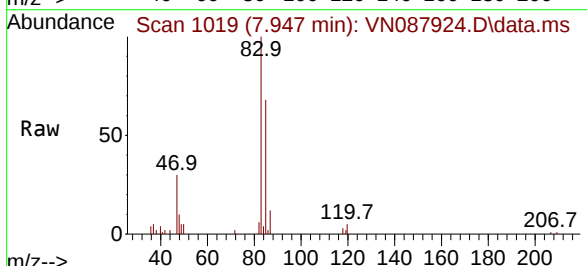
RT: 7.947 min Scan# 1019

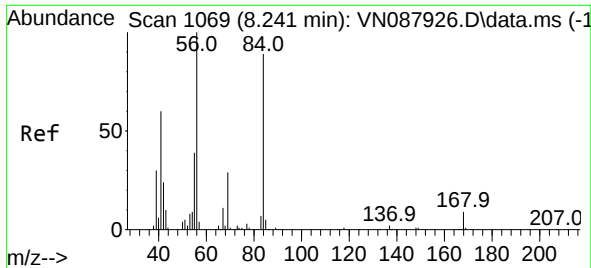
Delta R.T. -0.000 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

Tgt Ion:	83	Resp:	31560
Ion	Ratio	Lower	Upper
83	100		
85	68.4	50.9	76.3

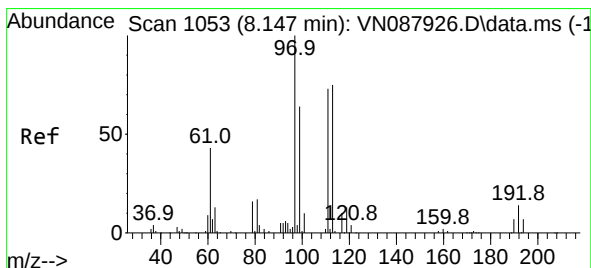
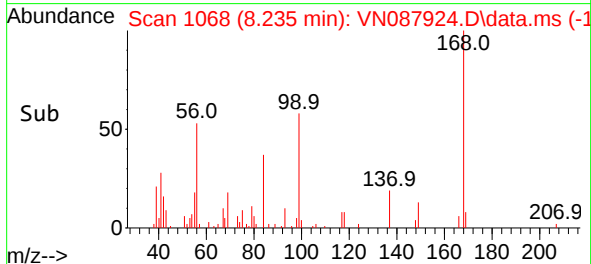
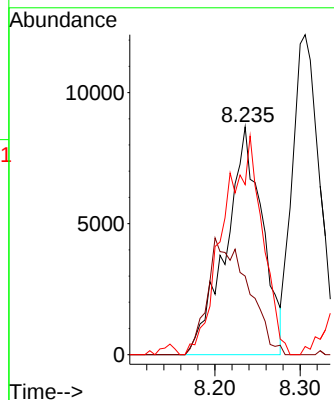
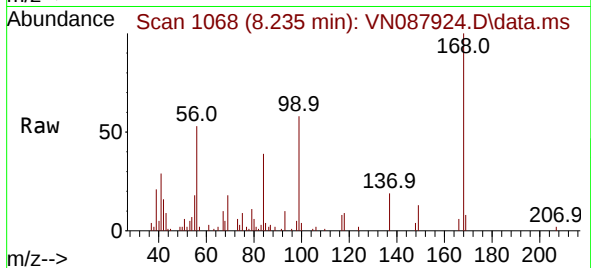




#31
Cyclohexane
Concen: 6.160 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

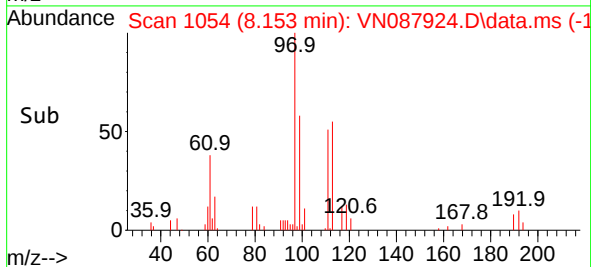
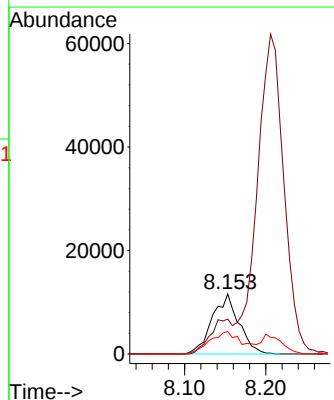
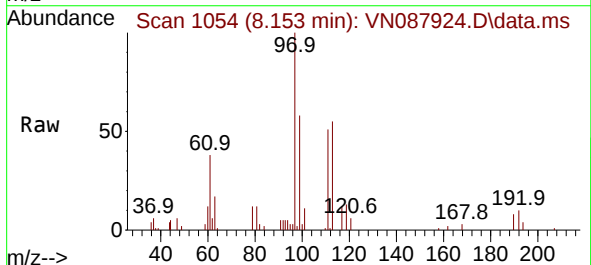
Instrument :
MSVOA_N
ClientSampleId :

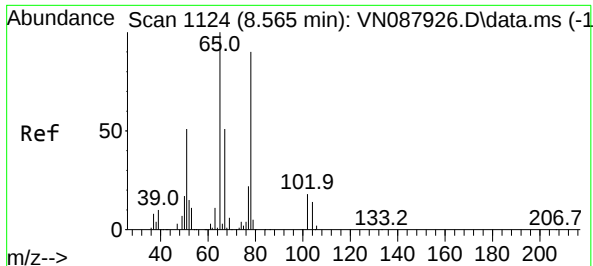
Tgt Ion: 56 Resp: 25850
Ion Ratio Lower Upper
56 100
69 34.5 23.4 35.0
84 74.7 70.8 106.2



#32
1,1,1-Trichloroethane
Concen: 5.524 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion: 97 Resp: 26469
Ion Ratio Lower Upper
97 100
99 48.1 51.1 76.7#
61 43.7 38.6 58.0





#33

1,2-Dichloroethane-d4

Concen: 5.065 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

Instrument :

MSVOA_N

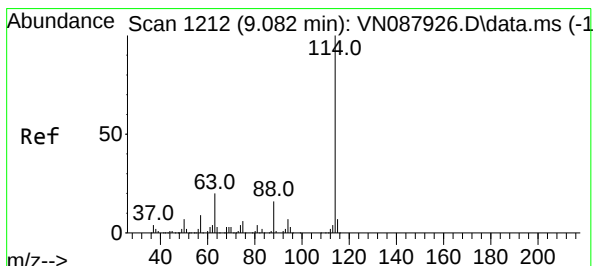
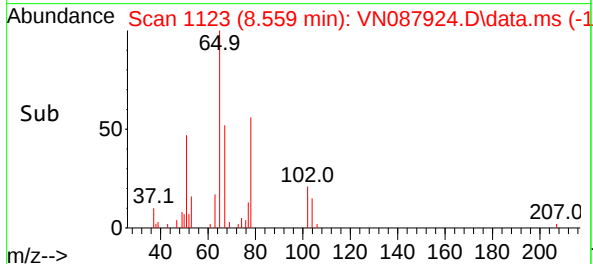
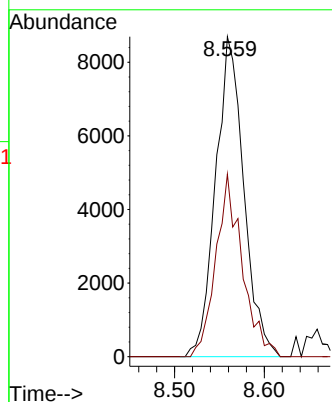
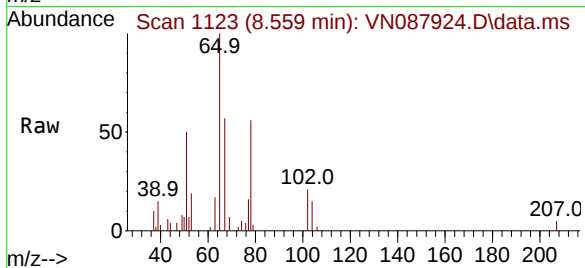
ClientSampleId :

Tgt Ion: 65 Resp: 18952

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

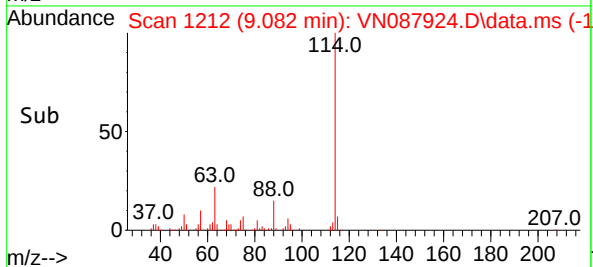
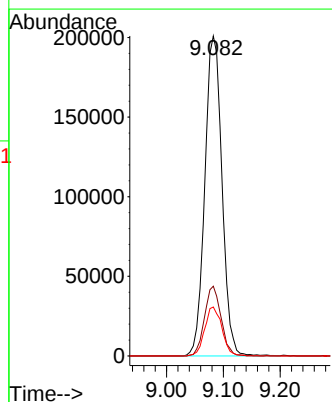
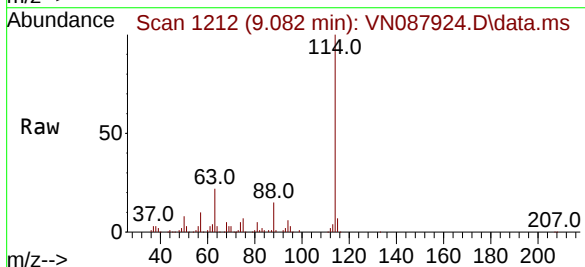
Tgt Ion: 114 Resp: 420635

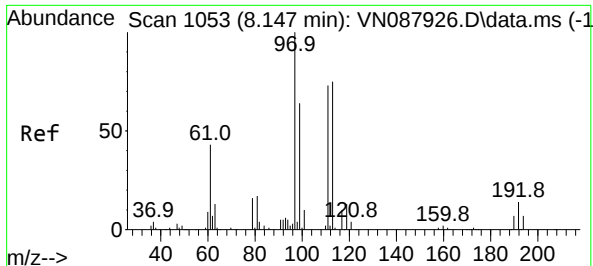
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 5.180 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

Instrument :

MSVOA_N

ClientSampleId :

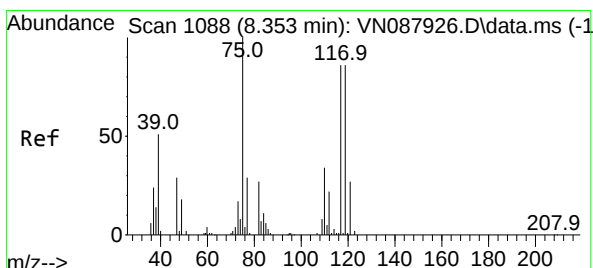
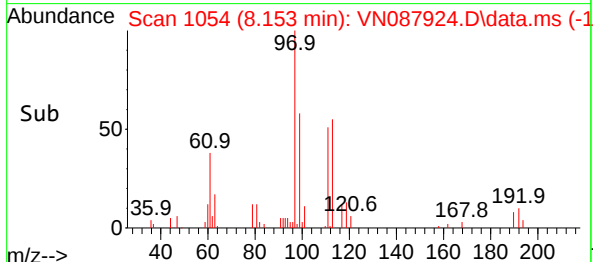
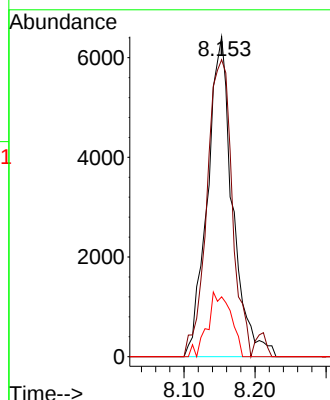
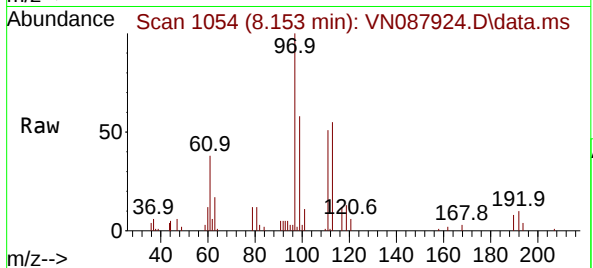
Tgt Ion:113 Resp: 15821

Ion Ratio Lower Upper

113 100

111 92.9 82.2 123.2

192 18.6 14.2 21.2



#36

1,1-Dichloropropene

Concen: 4.982 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

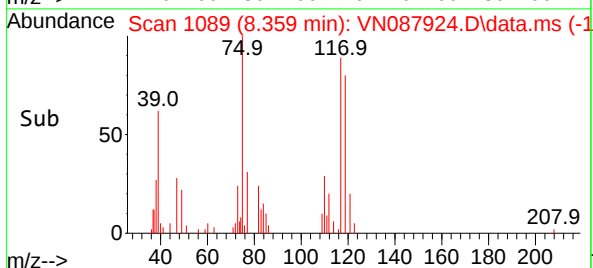
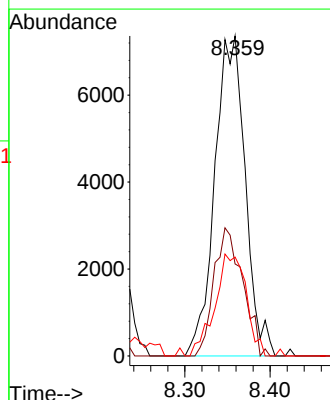
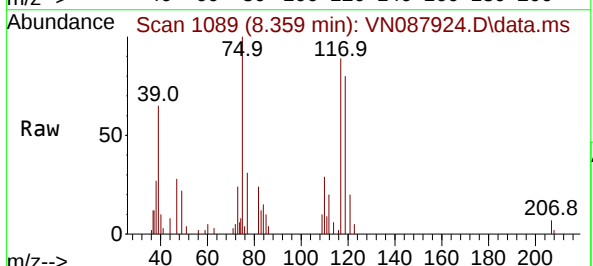
Tgt Ion: 75 Resp: 18296

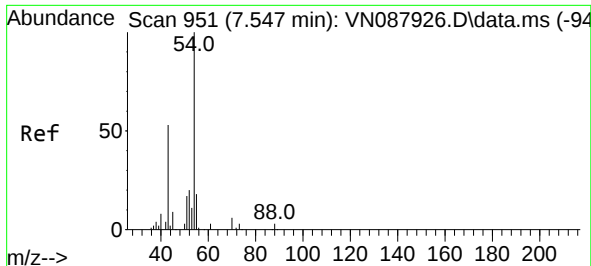
Ion Ratio Lower Upper

75 100

110 37.6 17.1 51.3

77 32.6 24.8 37.2





#37

Ethyl Acetate

Concen: 5.248 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.006 min

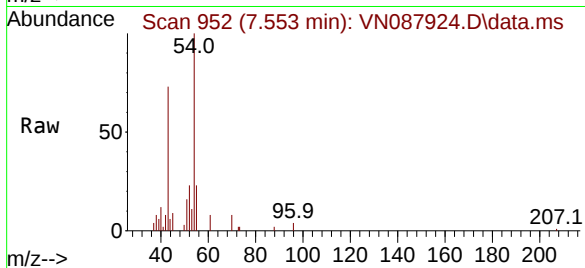
Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

Instrument :

MSVOA_N

ClientSampleId :



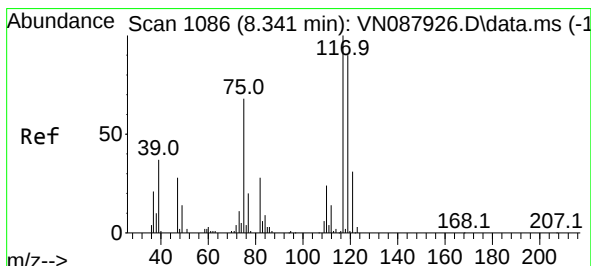
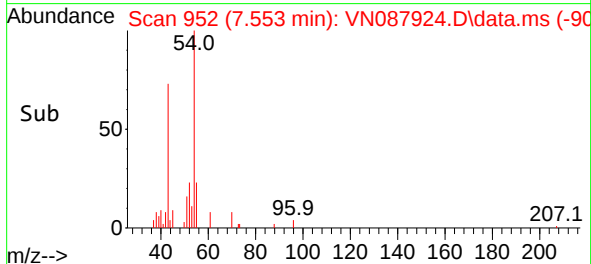
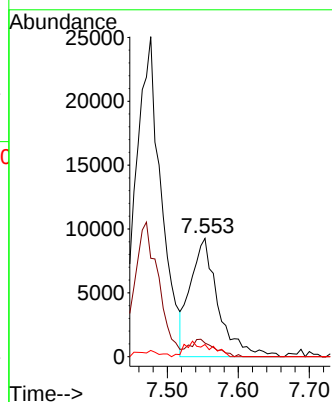
Tgt Ion: 43 Resp: 25308

Ion Ratio Lower Upper

43 100

61 12.3 10.7 16.1

70 11.8 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 5.234 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. 0.006 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

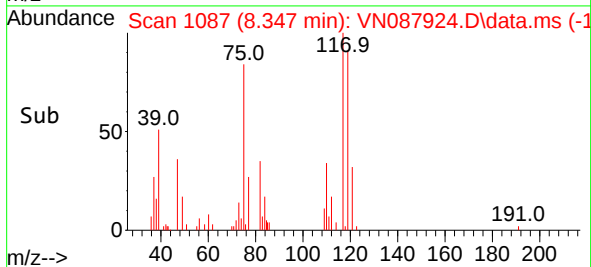
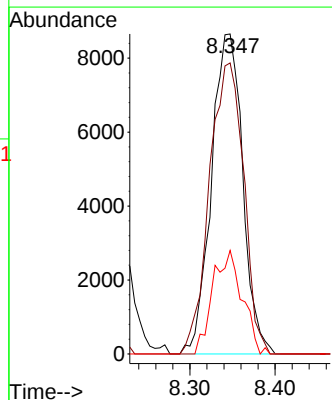
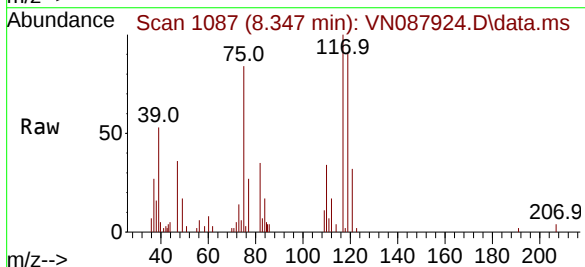
Tgt Ion: 117 Resp: 22056

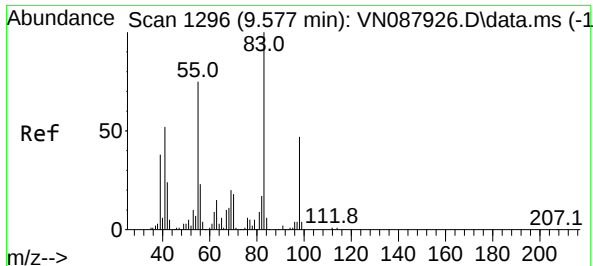
Ion Ratio Lower Upper

117 100

119 91.0 72.1 108.1

121 32.3 24.6 36.8





#39

Methylcyclohexane

Concen: 4.621 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.006 min

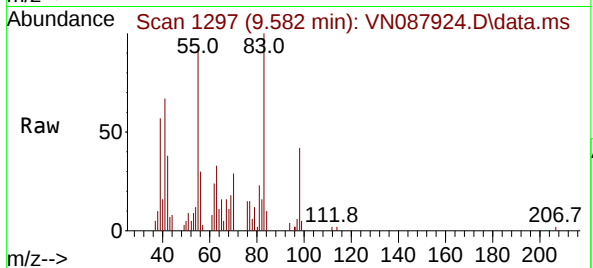
Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

Instrument :

MSVOA_N

ClientSampleId :



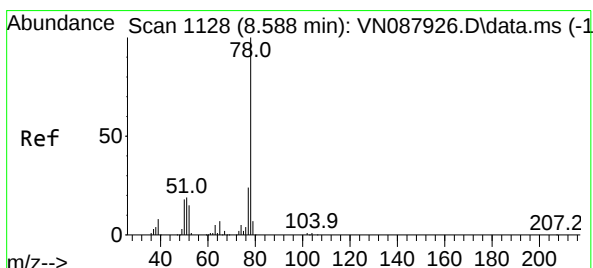
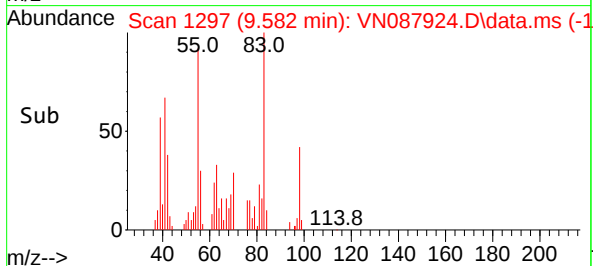
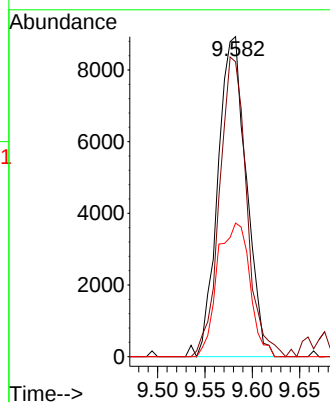
Tgt Ion: 83 Resp: 18721

Ion Ratio Lower Upper

83 100

55 92.2 59.9 89.9#

98 41.8 37.4 56.2



#40

Benzene

Concen: 5.213 ug/l

RT: 8.594 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN087924.D

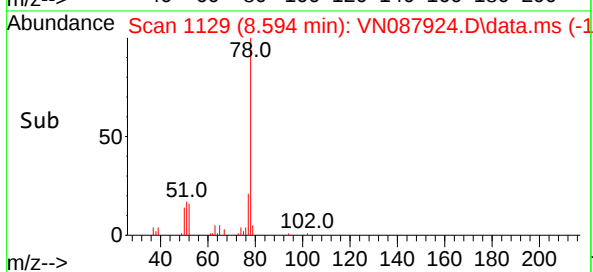
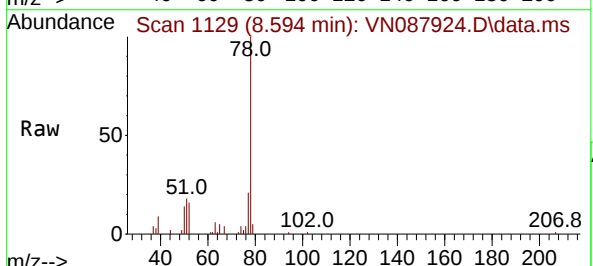
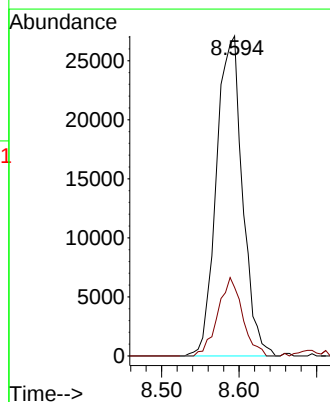
Acq: 23 Sep 2025 09:33

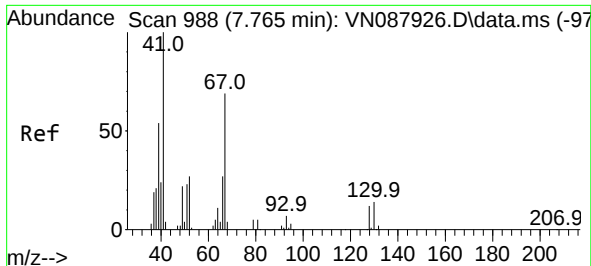
Tgt Ion: 78 Resp: 63389

Ion Ratio Lower Upper

78 100

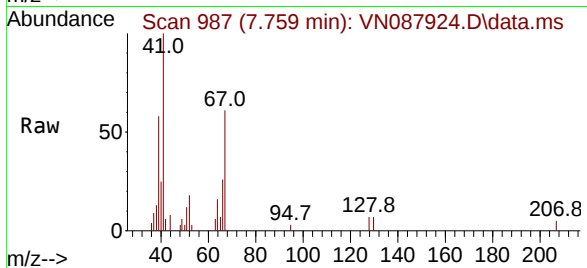
77 21.4 19.0 28.6



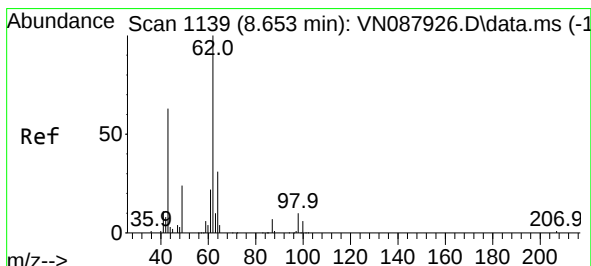
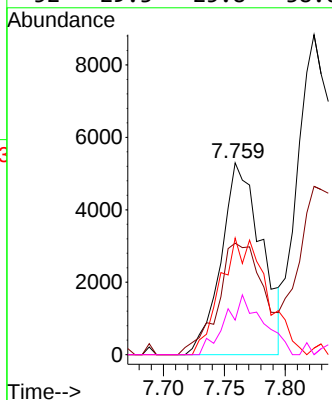
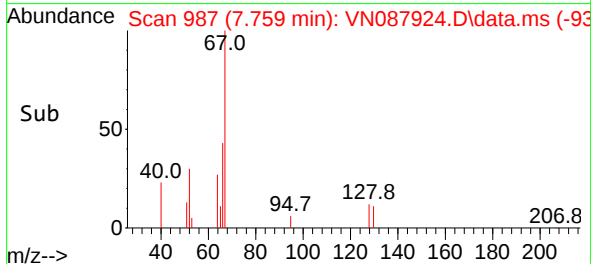


#41
Methacrylonitrile
Concen: 4.894 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Instrument :
MSVOA_N
ClientSampleId :

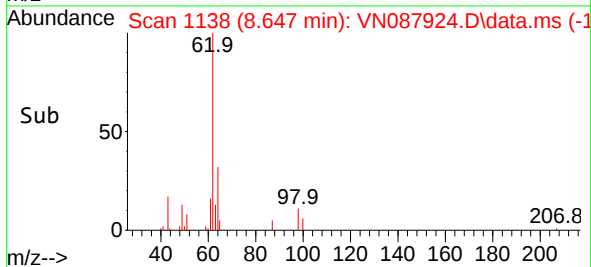
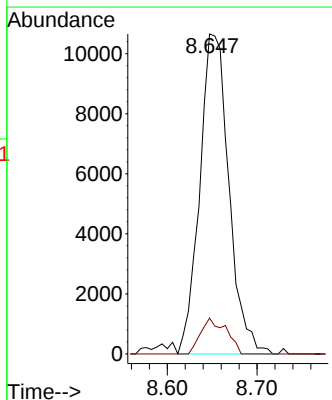
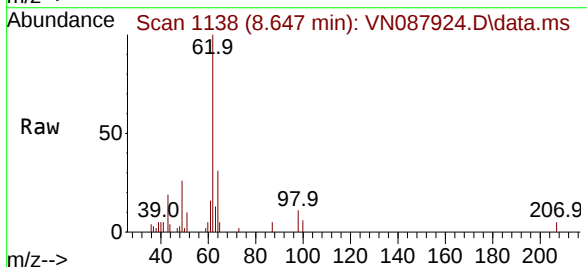


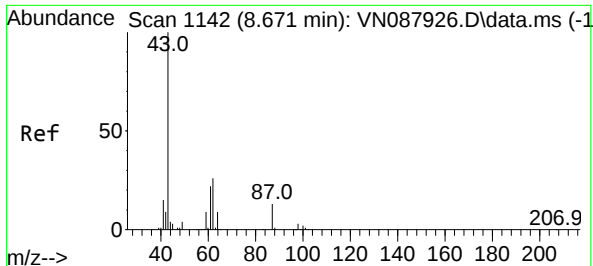
Tgt Ion:	41	Resp:	12197
Ion	Ratio	Lower	Upper
41	100		
39	65.8	43.5	65.3#
67	70.3	57.6	86.4
52	29.3	25.8	38.6



#42
1,2-Dichloroethane
Concen: 5.303 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

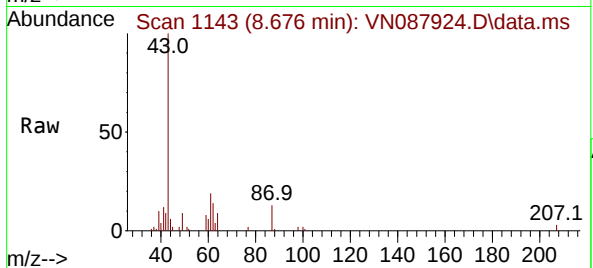
Tgt Ion:	62	Resp:	24064
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.6



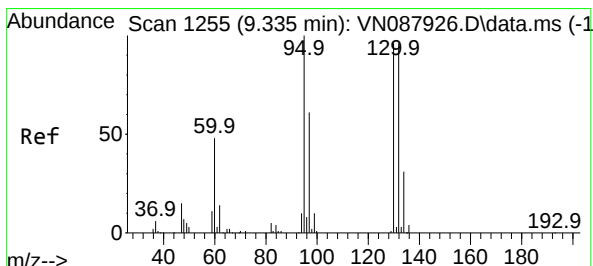
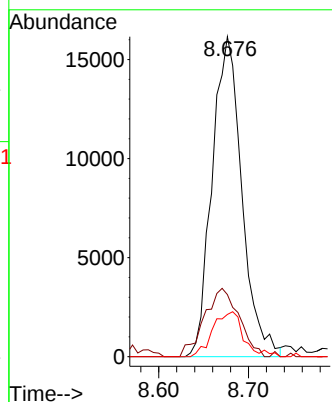
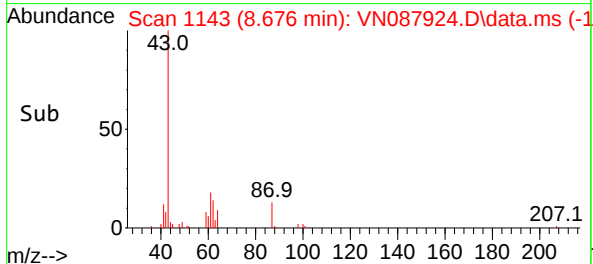


#43
Isopropyl Acetate
Concen: 4.906 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Instrument :
MSVOA_N
ClientSampleId :

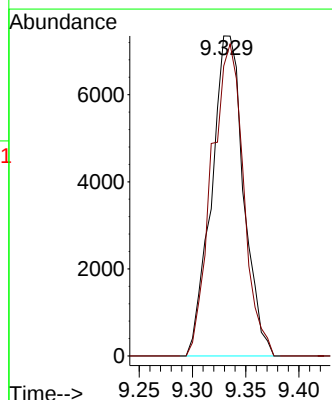
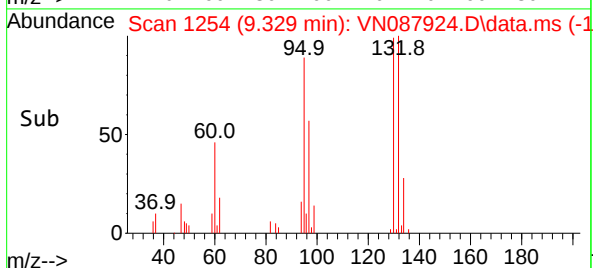
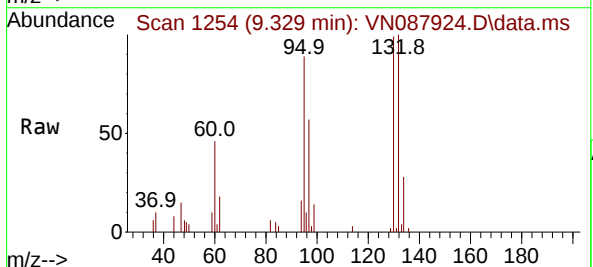


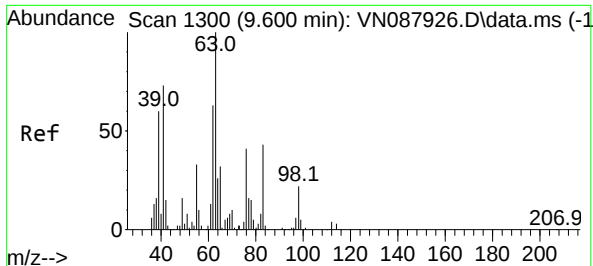
Tgt Ion: 43 Resp: 37238
Ion Ratio Lower Upper
43 100
61 24.8 20.2 30.2
87 13.8 10.9 16.3



#44
Trichloroethene
Concen: 5.313 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion:130 Resp: 15430
Ion Ratio Lower Upper
130 100
95 90.6 0.0 208.0





#45

1,2-Dichloropropane

Concen: 5.398 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

Instrument :

MSVOA_N

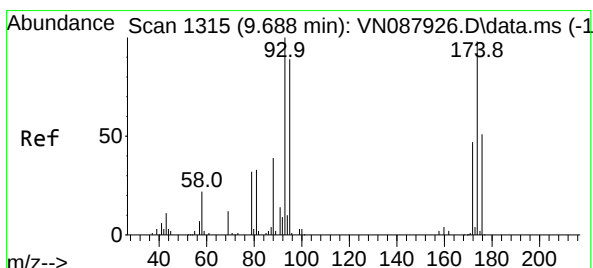
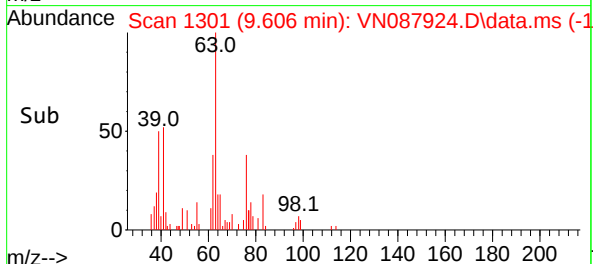
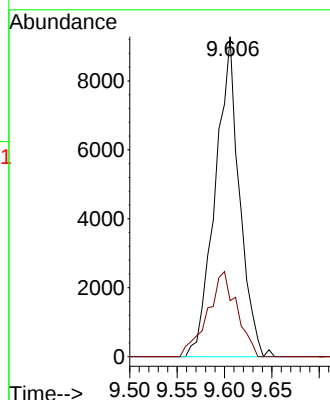
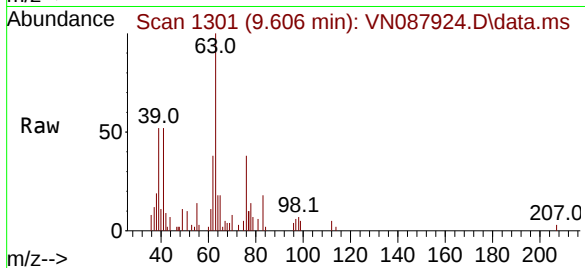
ClientSampleId :

Tgt Ion: 63 Resp: 16459

Ion Ratio Lower Upper

63 100

65 17.6 25.4 38.0#



#46

Dibromomethane

Concen: 4.954 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

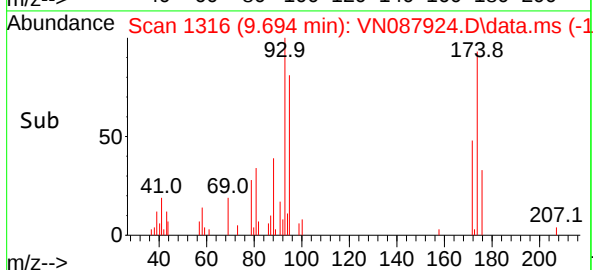
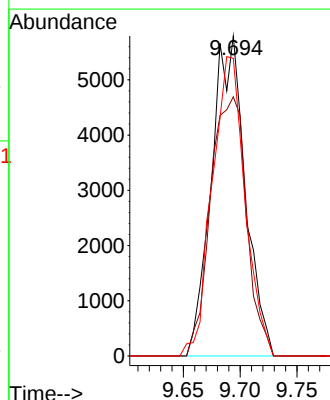
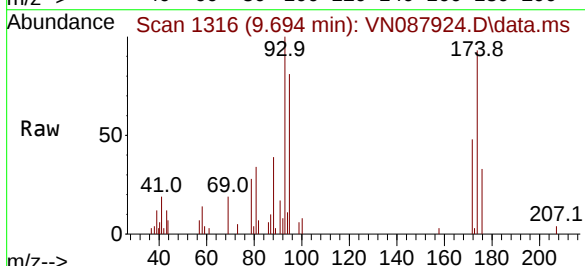
Tgt Ion: 93 Resp: 11919

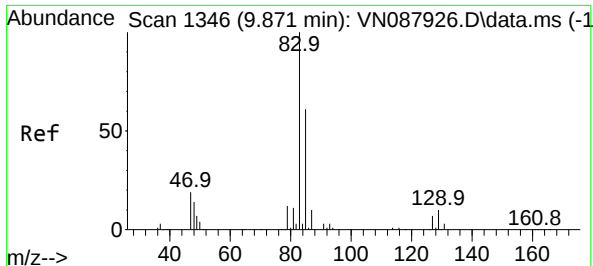
Ion Ratio Lower Upper

93 100

95 86.9 67.6 101.4

174 91.7 75.4 113.0





#47

Bromodichloromethane

Concen: 5.181 ug/l

RT: 9.865 min Scan# 1346

Delta R.T. -0.006 min

Lab File: VN087924.D

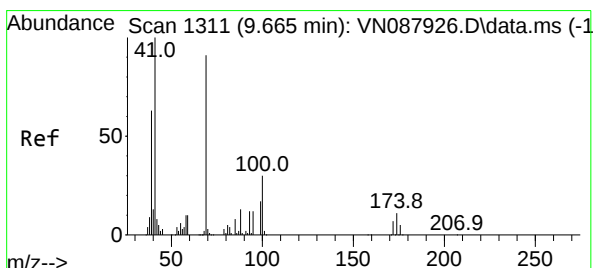
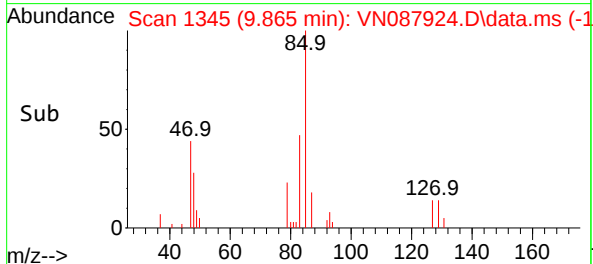
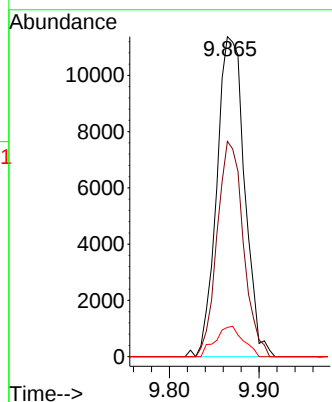
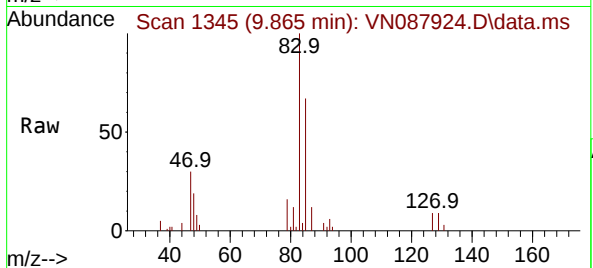
Acq: 23 Sep 2025 09:33

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 24450
Ion Ratio	Lower Upper
83	100
85	67.3 49.1 73.7
127	9.2 5.9 8.9#



#48

Methyl methacrylate

Concen: 4.689 ug/l

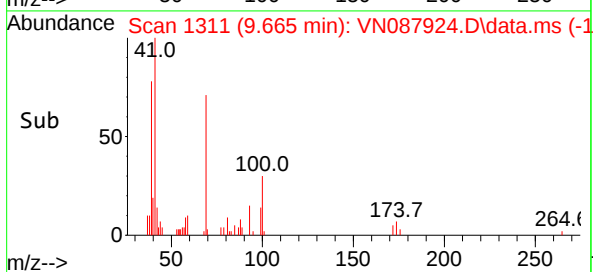
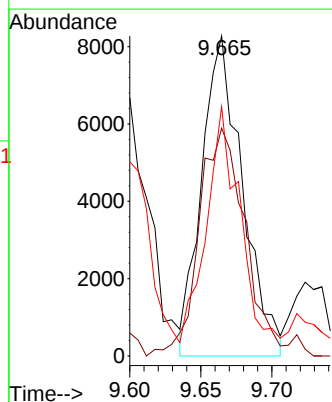
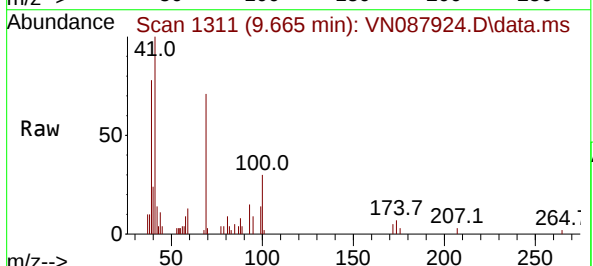
RT: 9.665 min Scan# 1311

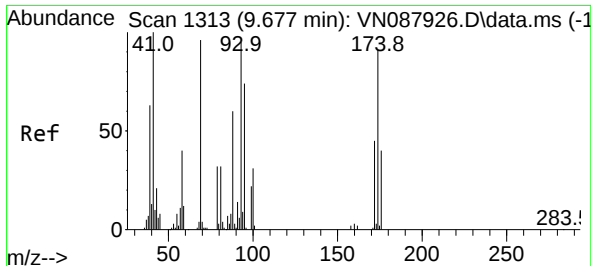
Delta R.T. -0.000 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

Tgt Ion: 41	Resp: 16484
Ion Ratio	Lower Upper
41	100
69	74.9 70.9 106.3
39	60.5 52.9 79.3





#49

1,4-Dioxane

Concen: 101.752 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.012 min

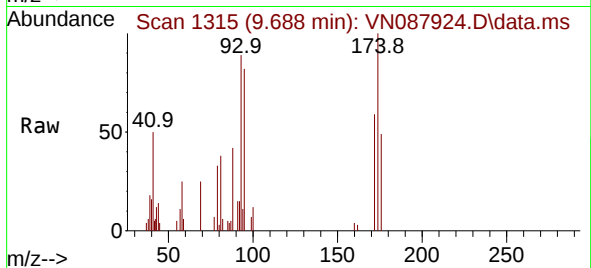
Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

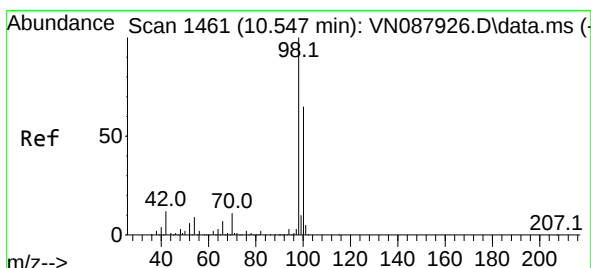
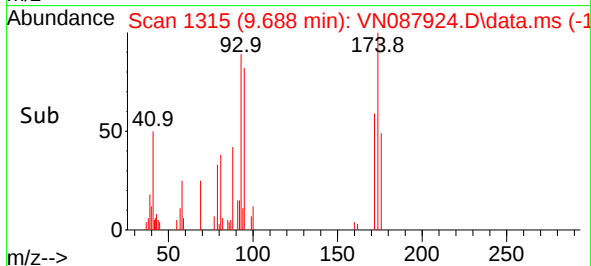
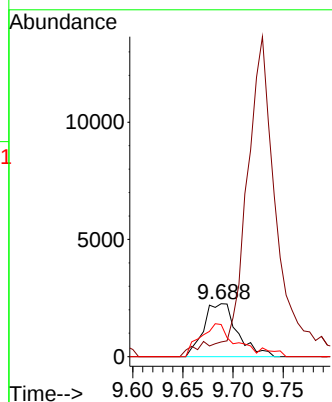
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	88	Resp:	5284
Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.6	33.8#
58	62.0	57.4	86.2



#50

Toluene-d8

Concen: 4.658 ug/l

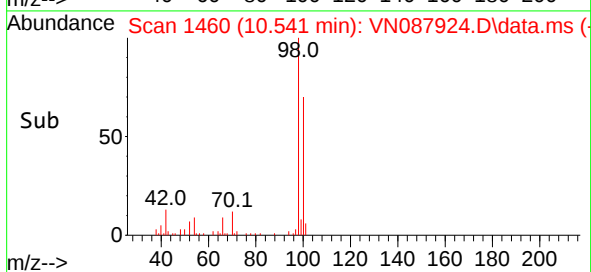
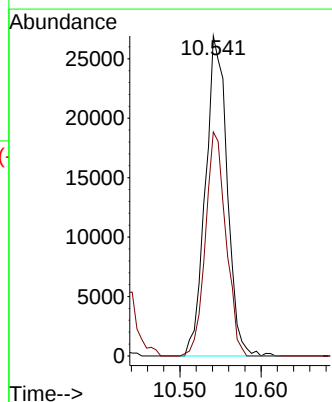
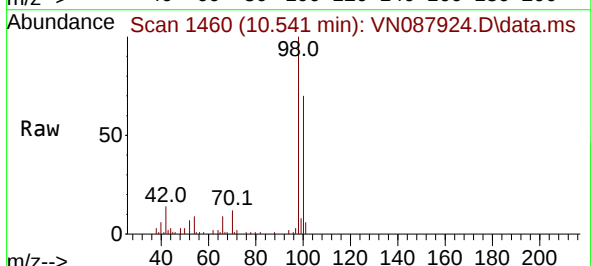
RT: 10.541 min Scan# 1460

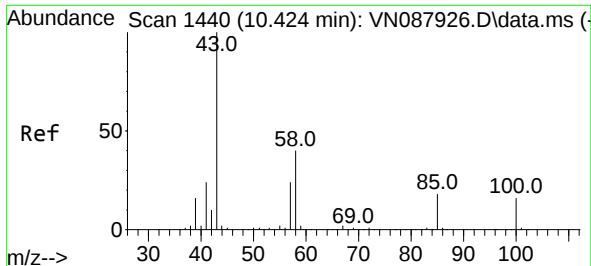
Delta R.T. -0.006 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

Tgt Ion:	98	Resp:	50031
Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.7	77.5

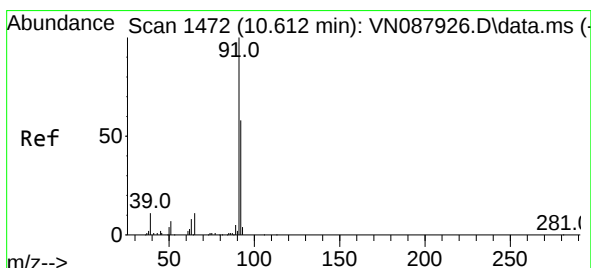
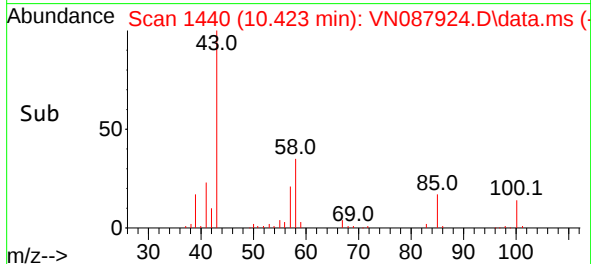
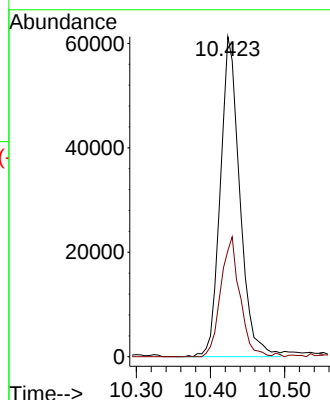
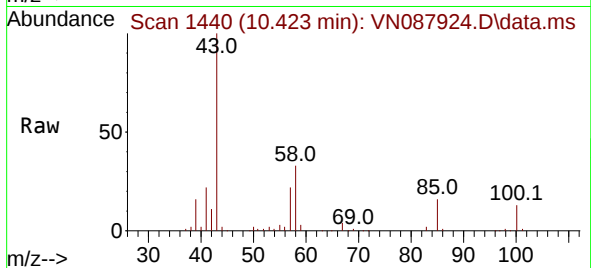




#51
4-Methyl-2-Pentanone
Concen: 23.639 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

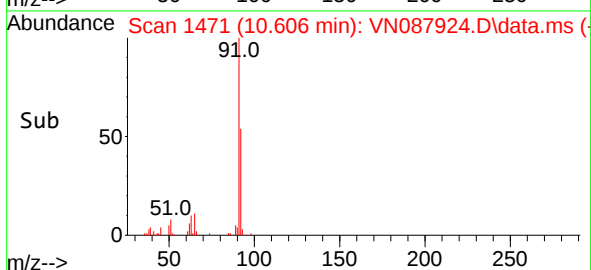
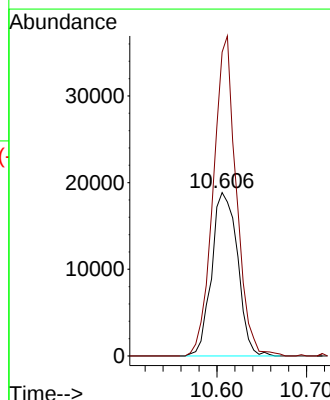
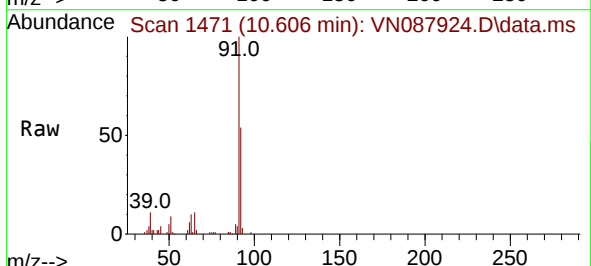
Instrument :
MSVOA_N
ClientSampleId :

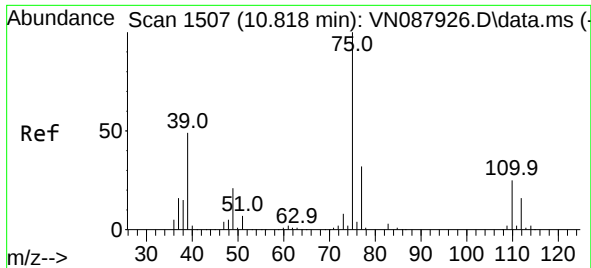
Tgt Ion: 43 Resp: 111966
Ion Ratio Lower Upper
43 100
58 36.7 31.0 46.6



#52
Toluene
Concen: 4.945 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion: 92 Resp: 37730
Ion Ratio Lower Upper
92 100
91 174.6 138.2 207.2

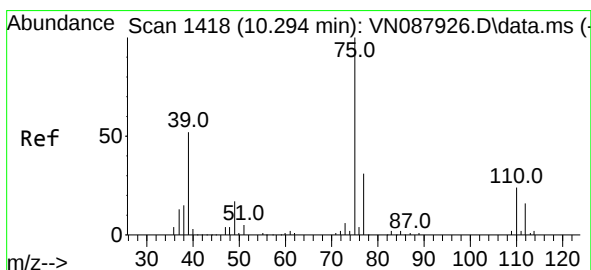
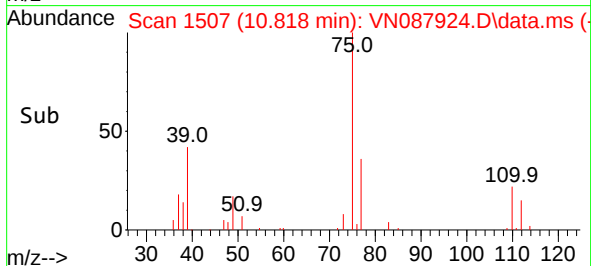
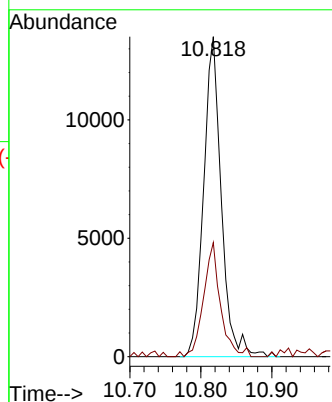
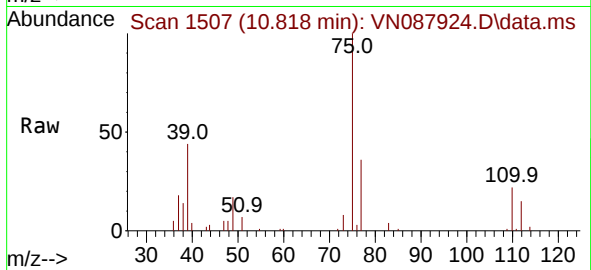




#53
 t-1,3-Dichloropropene
 Concen: 4.847 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. -0.000 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

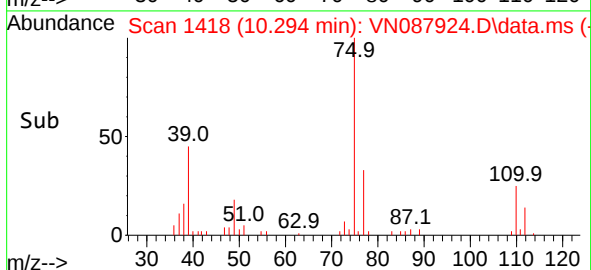
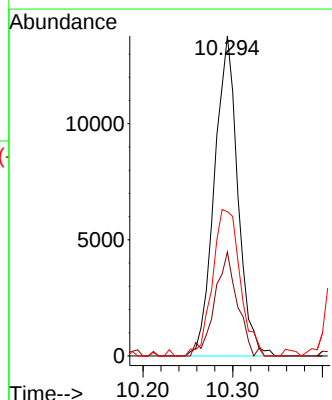
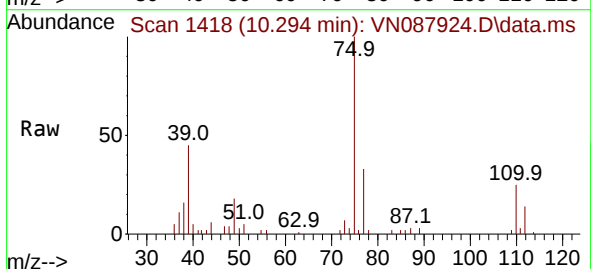
Instrument :
 MSVOA_N
 ClientSampleId :

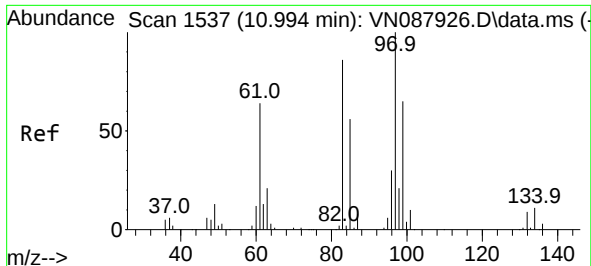
Tgt Ion: 75 Resp: 23406
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 4.972 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

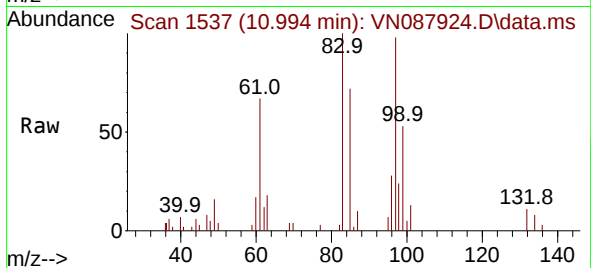
Tgt Ion: 75 Resp: 24940
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.7 37.1
 39 45.1 41.4 62.0



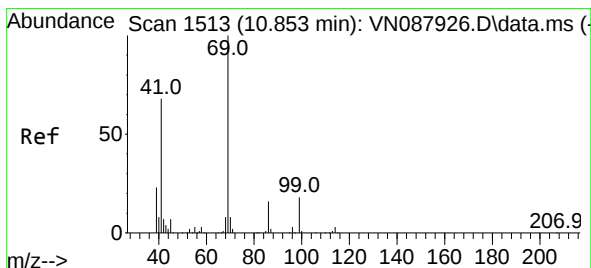
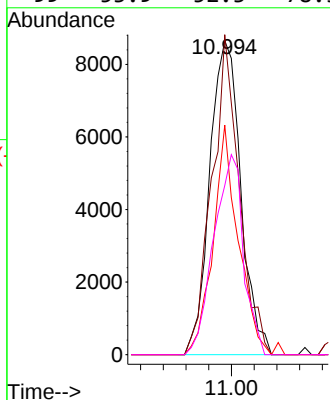
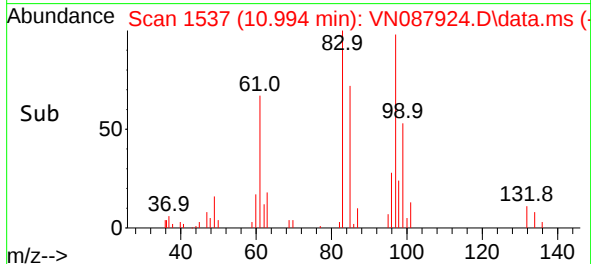


#55
 1,1,2-Trichloroethane
 Concen: 5.281 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

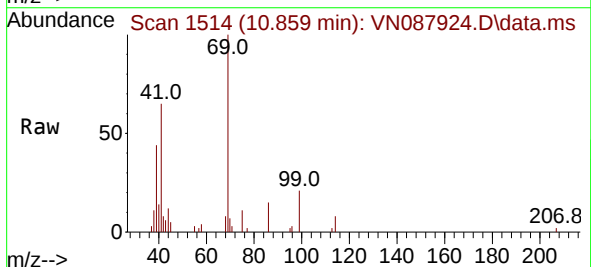
Instrument :
 MSVOA_N
 ClientSampleId :



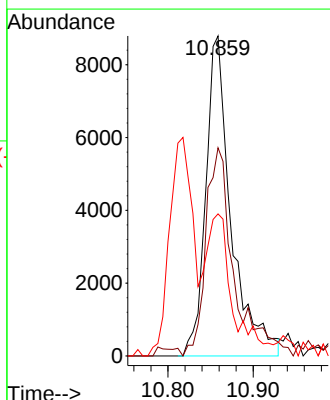
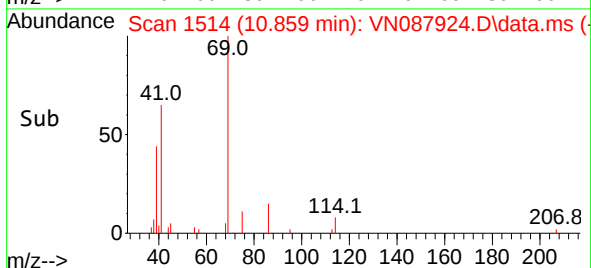
Tgt Ion:	97	Resp:	16385
Ion	Ratio	Lower	Upper
97	100		
83	101.9	69.0	103.4
85	73.1	44.4	66.6#
99	53.9	52.3	78.5

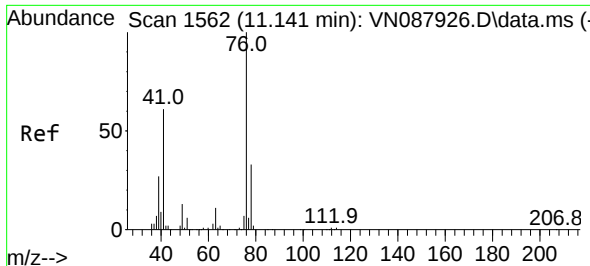


#56
 Ethyl methacrylate
 Concen: 4.060 ug/l
 RT: 10.859 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33



Tgt Ion:	69	Resp:	18199
Ion	Ratio	Lower	Upper
69	100		
41	71.8	53.8	80.6
39	42.8	34.7	52.1





#57

1,3-Dichloropropane

Concen: 5.032 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

Instrument :

MSVOA_N

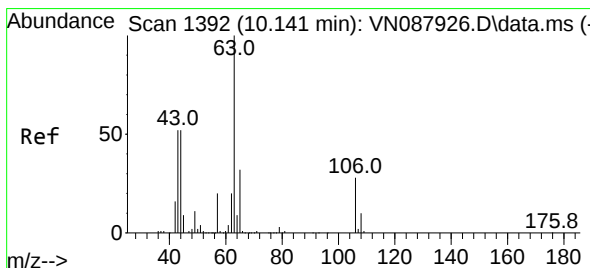
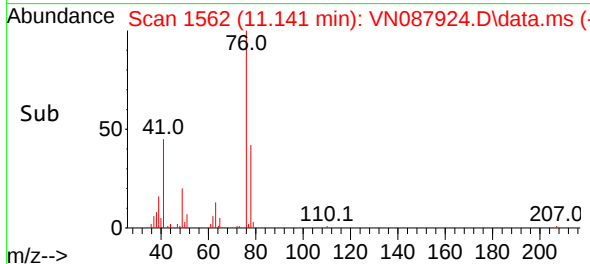
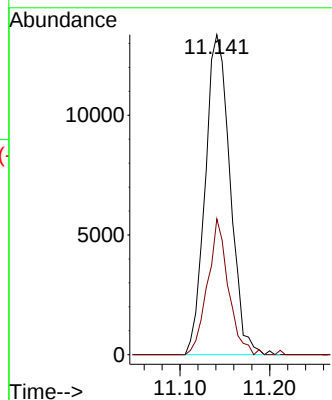
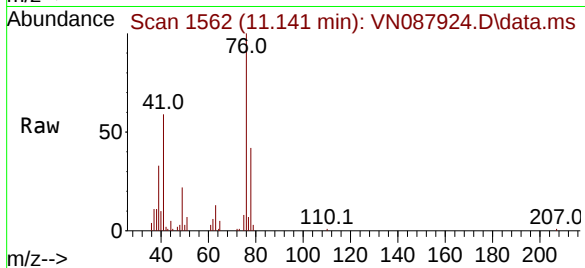
ClientSampleId :

Tgt Ion: 76 Resp: 25677

Ion Ratio Lower Upper

76 100

78 35.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 19.289 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087924.D

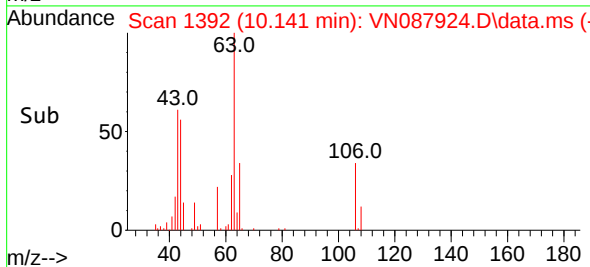
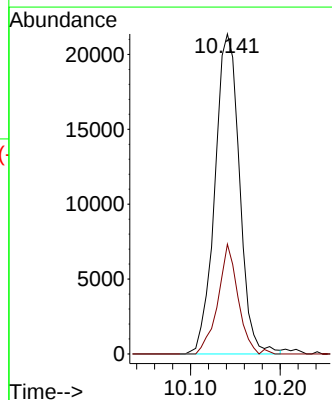
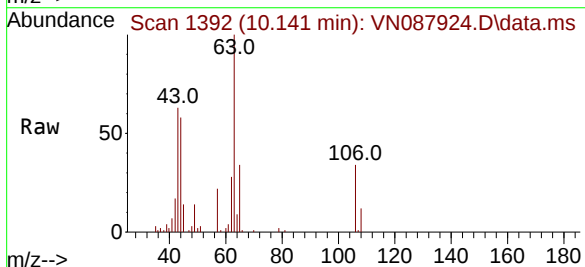
Acq: 23 Sep 2025 09:33

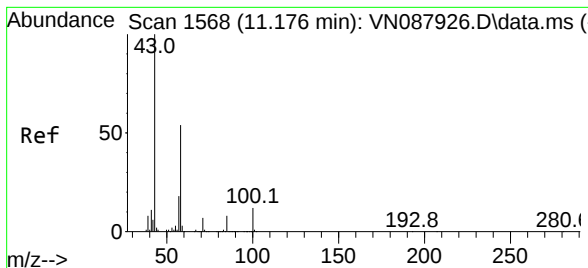
Tgt Ion: 63 Resp: 40658

Ion Ratio Lower Upper

63 100

106 28.2 22.6 33.8

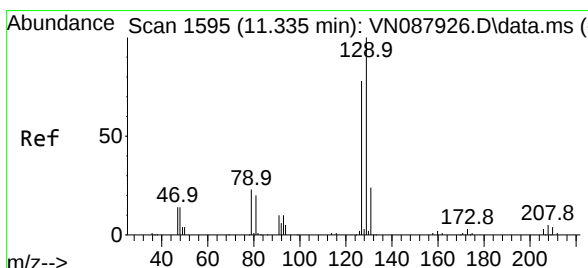
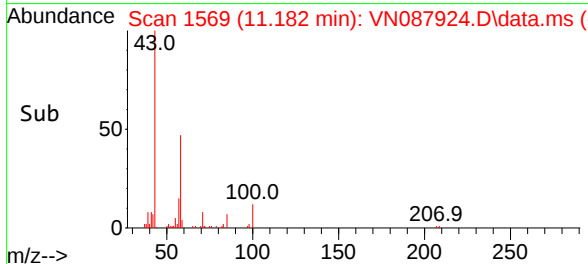
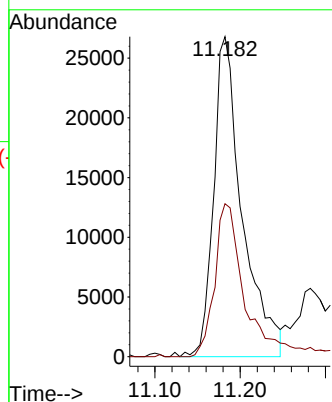
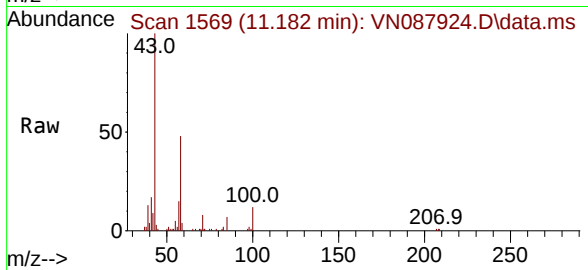




#59
2-Hexanone
Concen: 19.915 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

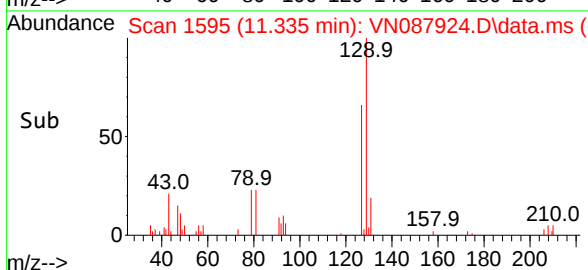
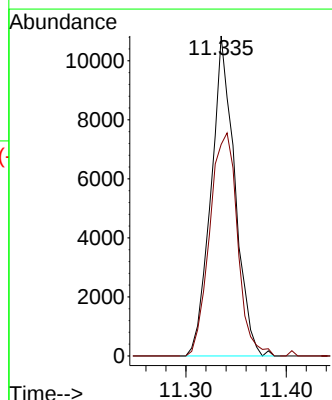
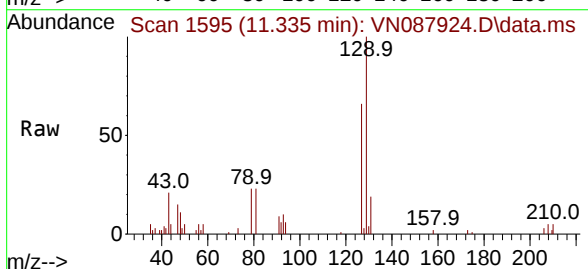
Instrument :
MSVOA_N
ClientSampleId :

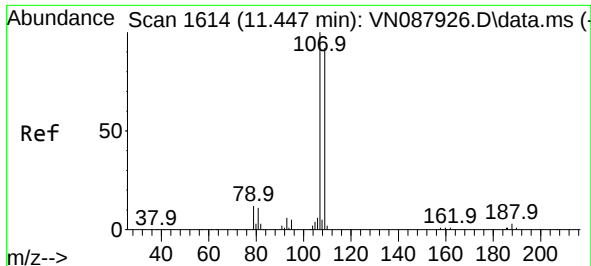
Tgt Ion: 43 Resp: 62373
Ion Ratio Lower Upper
43 100
58 51.1 26.4 79.2



#60
Dibromochloromethane
Concen: 4.900 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion:129 Resp: 17873
Ion Ratio Lower Upper
129 100
127 81.3 39.3 117.9

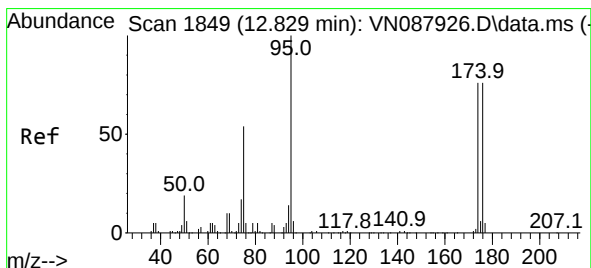
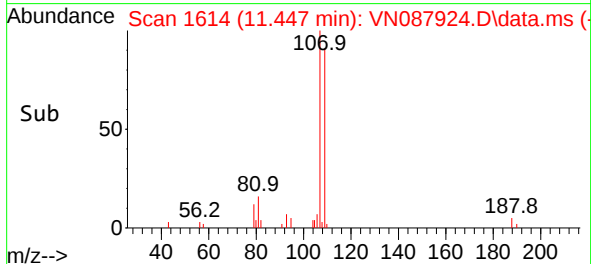
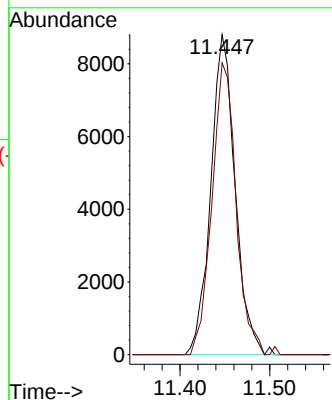
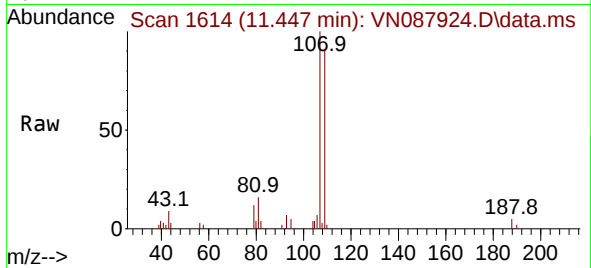




#61
1,2-Dibromoethane
Concen: 5.055 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

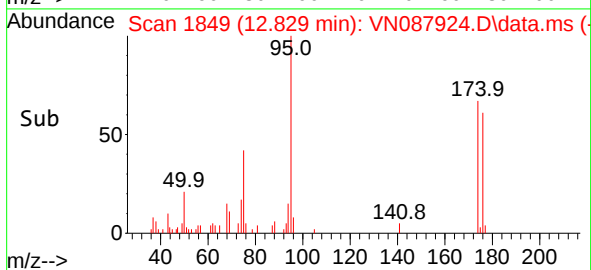
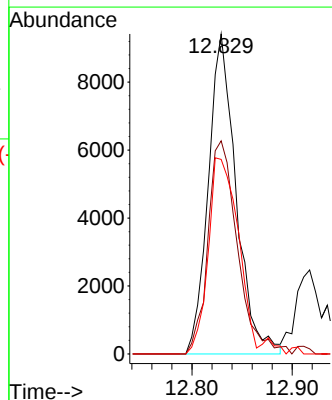
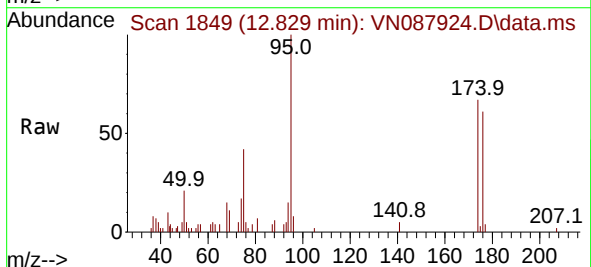
Instrument :
MSVOA_N
ClientSampleId :

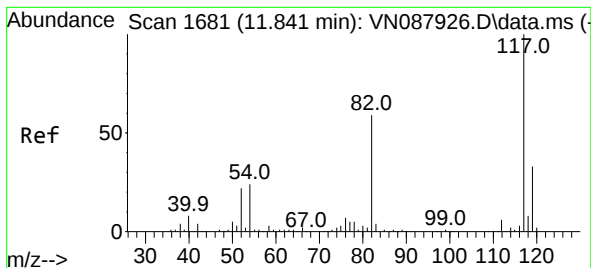
Tgt Ion:107 Resp: 16603
Ion Ratio Lower Upper
107 100
109 90.4 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 4.729 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion: 95 Resp: 18155
Ion Ratio Lower Upper
95 100
174 70.7 0.0 159.2
176 66.2 0.0 152.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

Instrument :

MSVOA_N

ClientSampleId :

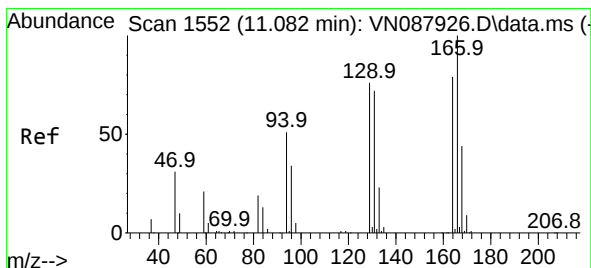
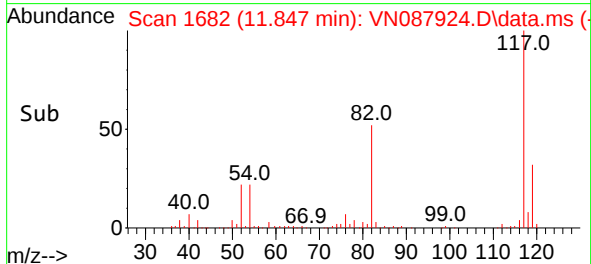
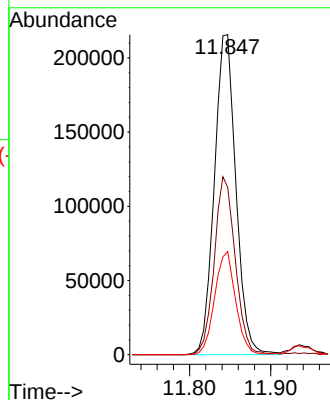
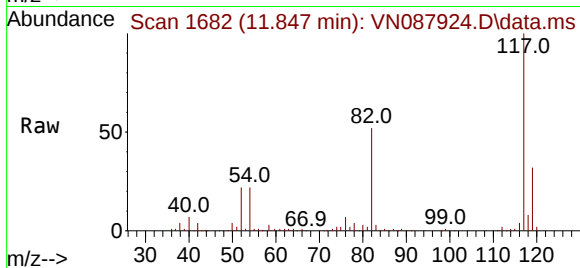
Tgt Ion:117 Resp: 399169

Ion Ratio Lower Upper

117 100

82 52.2 47.0 70.4

119 32.2 26.1 39.1



#64

Tetrachloroethene

Concen: 5.054 ug/l

RT: 11.076 min Scan# 1551

Delta R.T. -0.006 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

Tgt Ion:164 Resp: 12289

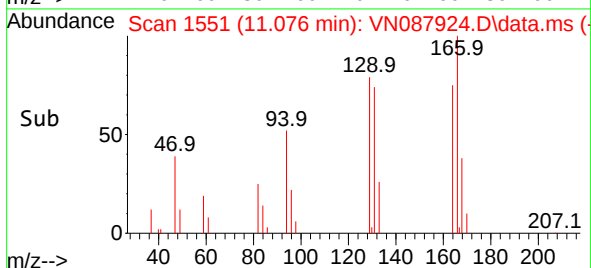
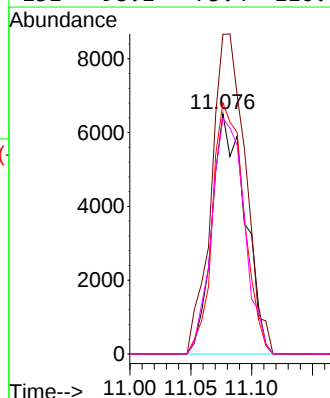
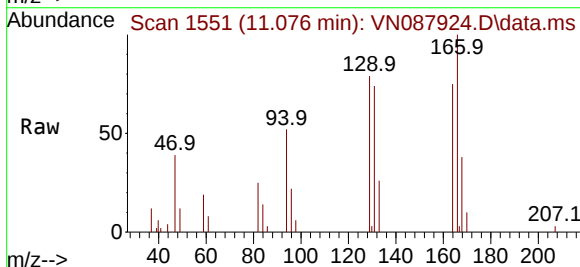
Ion Ratio Lower Upper

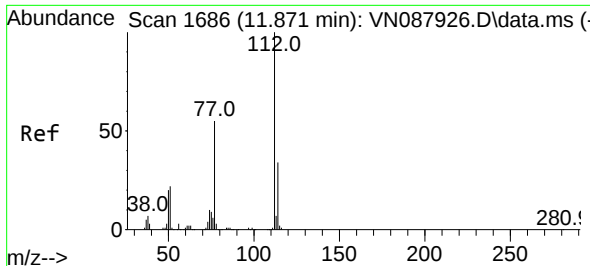
164 100

166 133.1 101.6 152.4

129 104.6 77.5 116.3

131 98.1 73.4 110.0

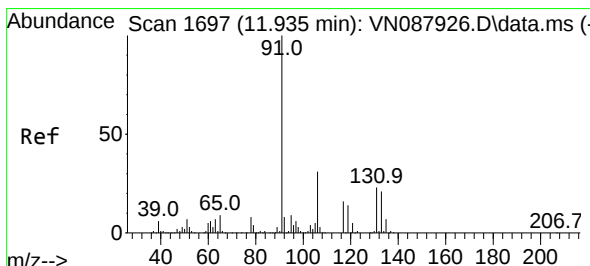
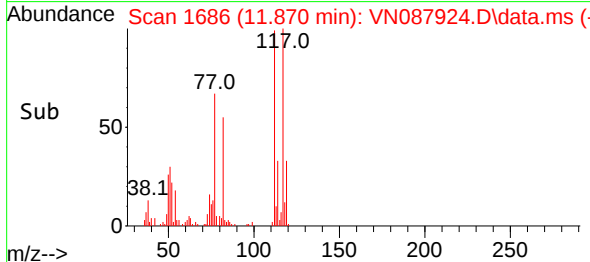
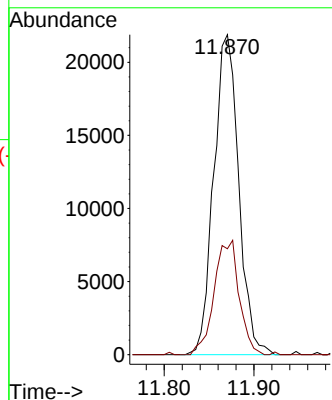
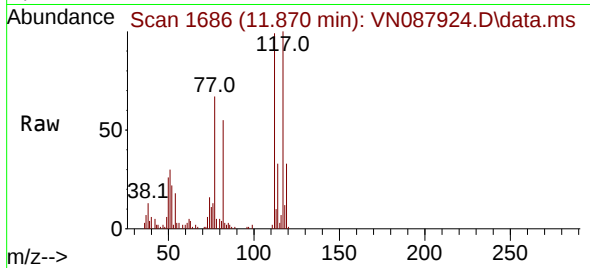




#65
Chlorobenzene
Concen: 4.968 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

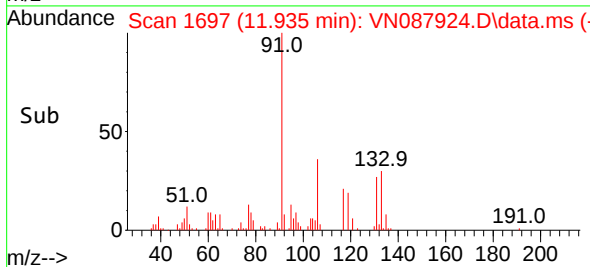
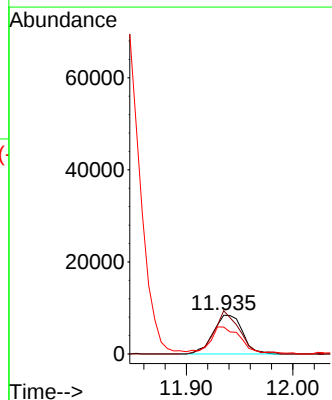
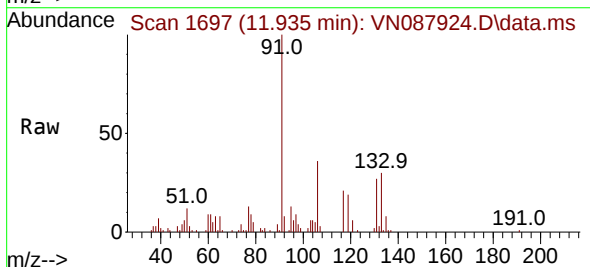
Instrument :
MSVOA_N
ClientSampleId :

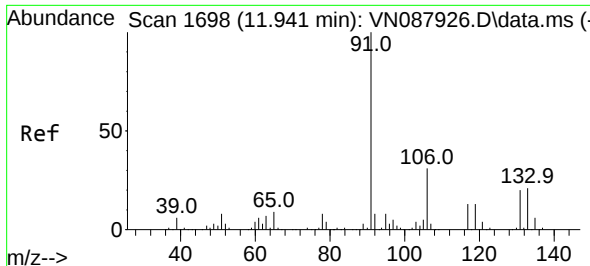
Tgt Ion:112 Resp: 42197
Ion Ratio Lower Upper
112 100
114 33.1 27.2 40.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.234 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion:131 Resp: 16032
Ion Ratio Lower Upper
131 100
133 97.6 48.4 145.0
119 74.8 31.9 95.5

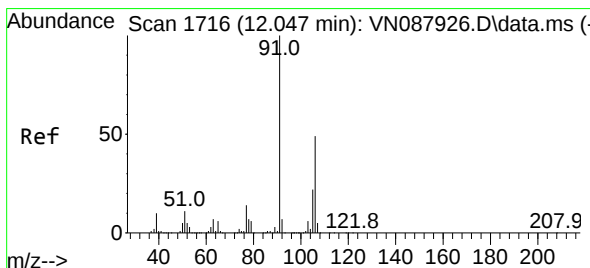
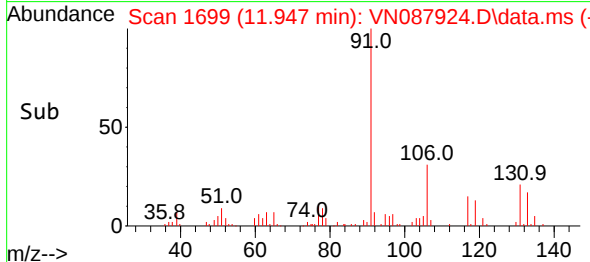
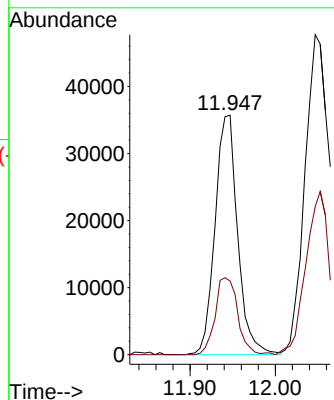
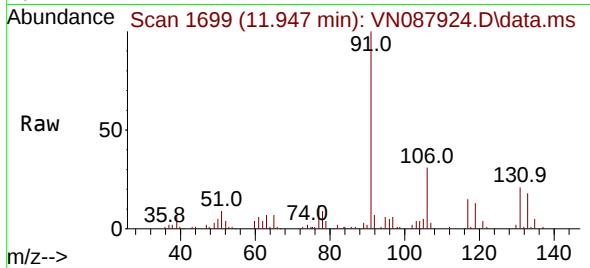




#67
Ethyl Benzene
Concen: 4.645 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

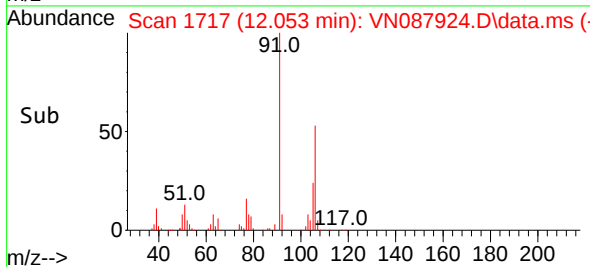
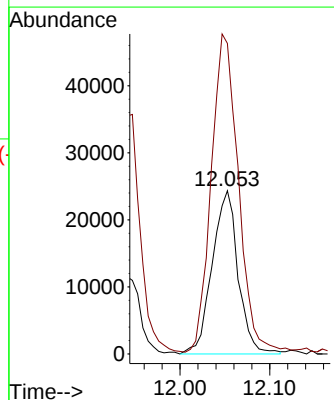
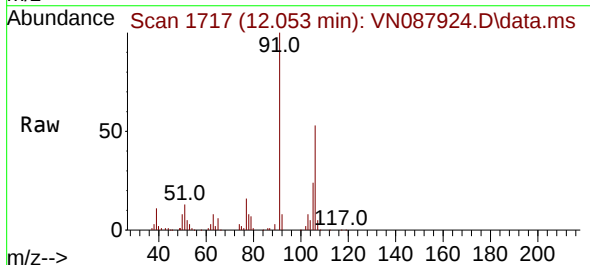
Instrument :
MSVOA_N
ClientSampleId :

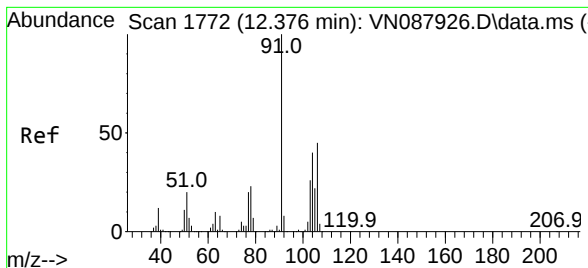
Tgt Ion: 91 Resp: 65844
Ion Ratio Lower Upper
91 100
106 30.8 25.2 37.8



#68
m/p-Xylenes
Concen: 9.007 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion: 106 Resp: 48826
Ion Ratio Lower Upper
106 100
91 203.7 162.9 244.3





#69

o-Xylene

Concen: 4.543 ug/l

RT: 12.382 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

Instrument :

MSVOA_N

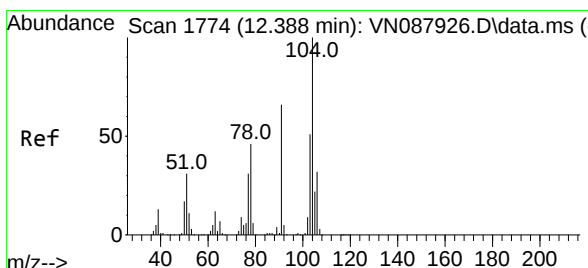
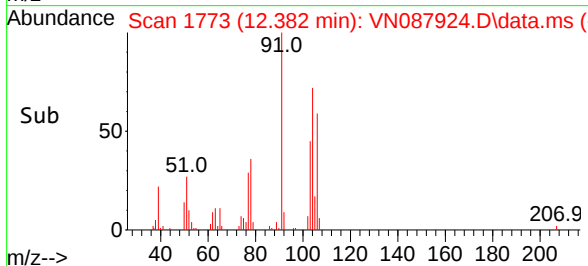
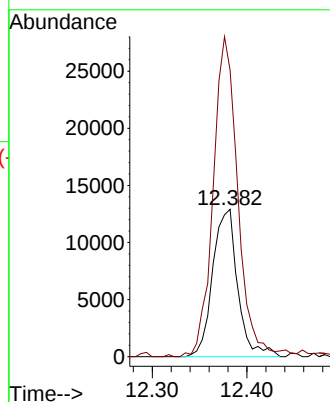
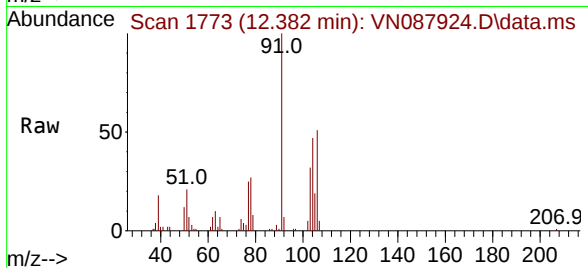
ClientSampleId :

Tgt Ion:106 Resp: 23662

Ion Ratio Lower Upper

106 100

91 214.9 108.2 324.6



#70

Styrene

Concen: 4.043 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

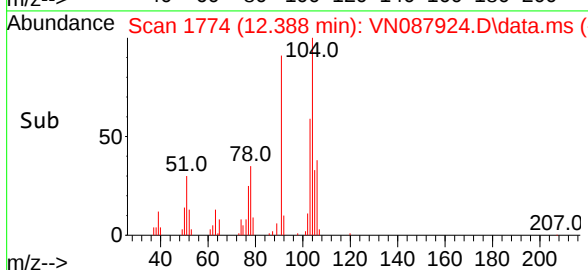
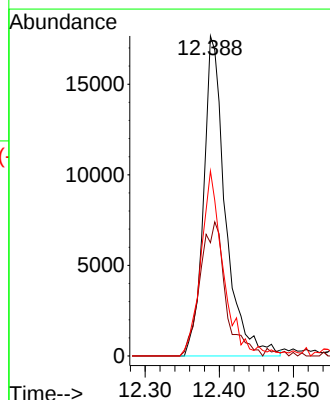
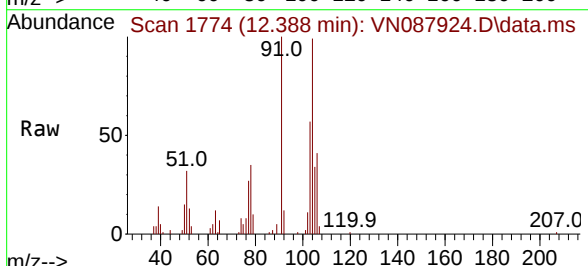
Tgt Ion:104 Resp: 36168

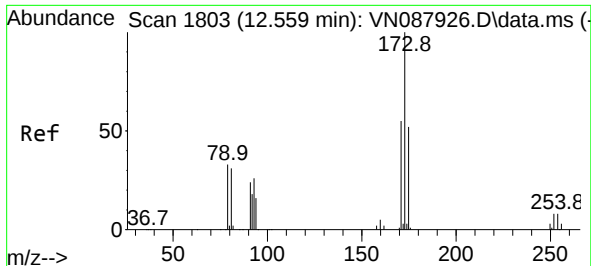
Ion Ratio Lower Upper

104 100

78 48.8 39.7 59.5

103 57.8 44.6 67.0

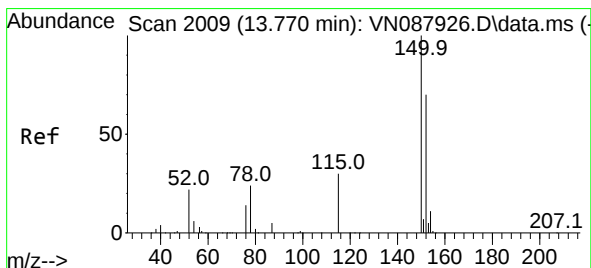
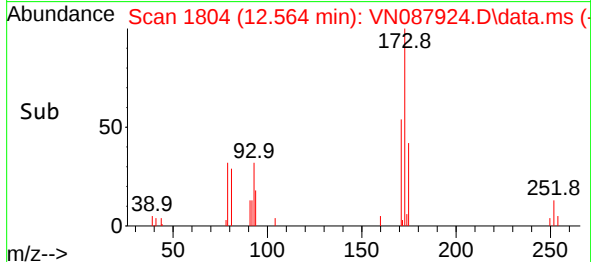
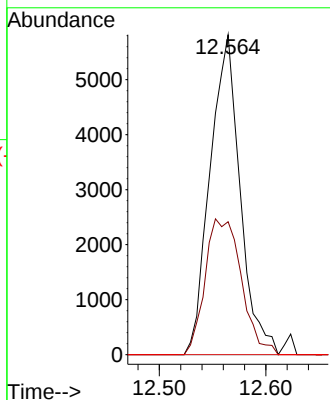
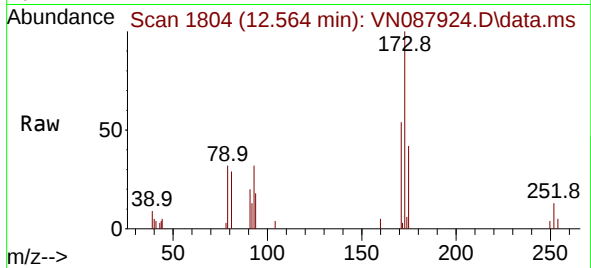




#71
Bromoform
Concen: 4.587 ug/l
RT: 12.564 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

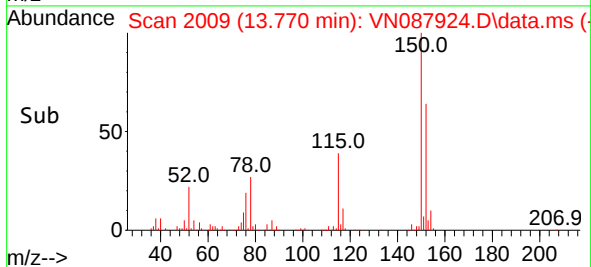
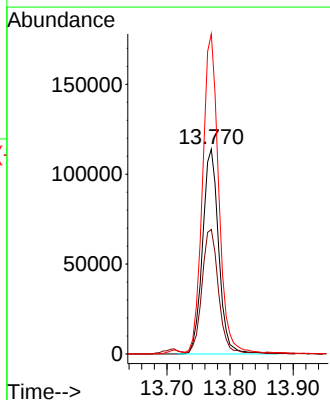
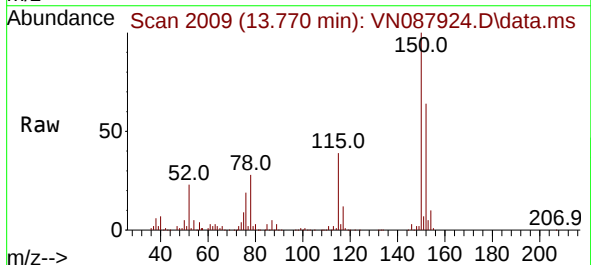
Instrument :
MSVOA_N
ClientSampleId :

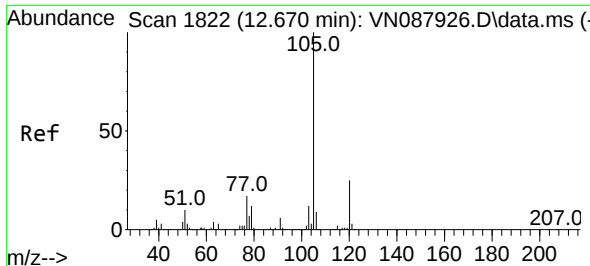
Tgt Ion:173 Resp: 11400
Ion Ratio Lower Upper
173 100
175 51.2 23.7 71.1
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion:152 Resp: 202125
Ion Ratio Lower Upper
152 100
115 62.8 29.9 89.7
150 153.8 0.0 335.0

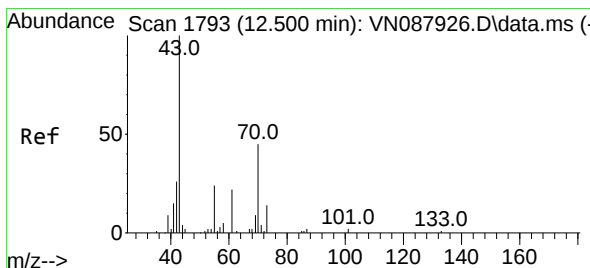
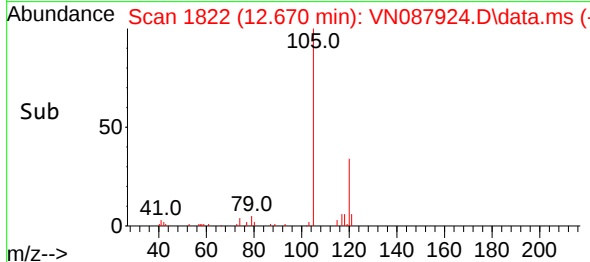
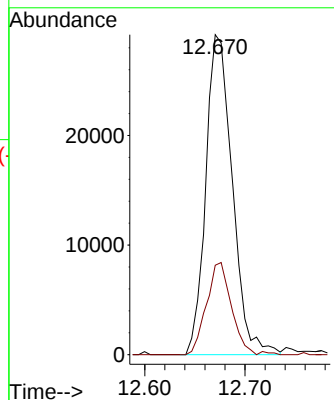
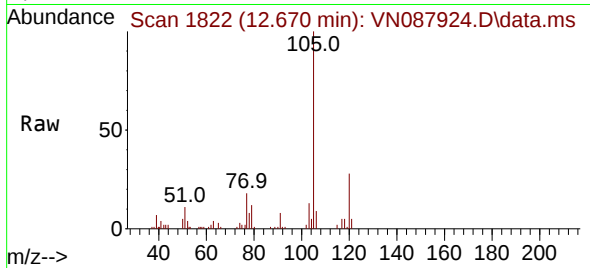




#73
Isopropylbenzene
Concen: 4.291 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

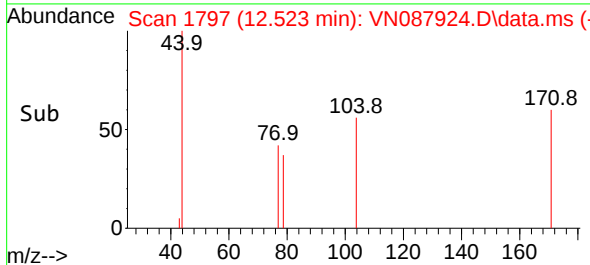
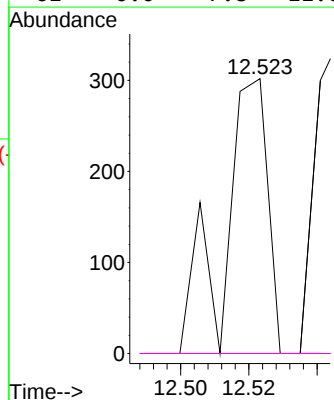
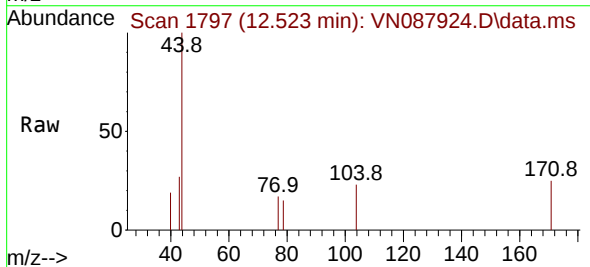
Instrument :
MSVOA_N
ClientSampleId :

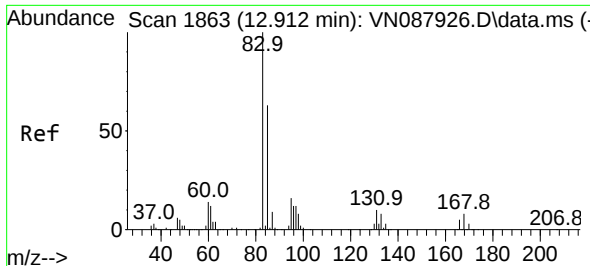
Tgt Ion:105 Resp: 53756
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1



#74
N-ethyl acetate
Concen: 0.072 ug/l
RT: 12.523 min Scan# 1797
Delta R.T. 0.023 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion: 43 Resp: 267
Ion Ratio Lower Upper
43 100
70 0.0 19.8 29.8#
55 0.0 9.6 14.4#
61 0.0 7.8 11.6#

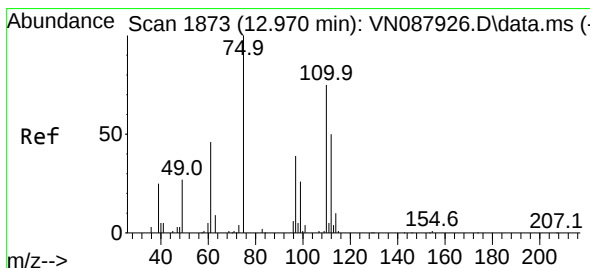
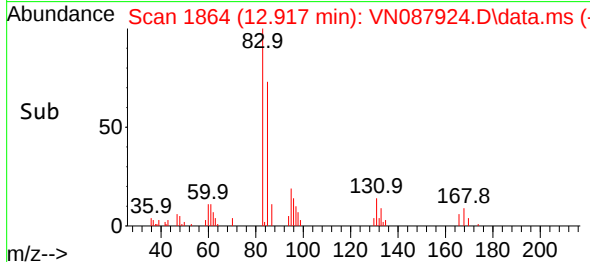
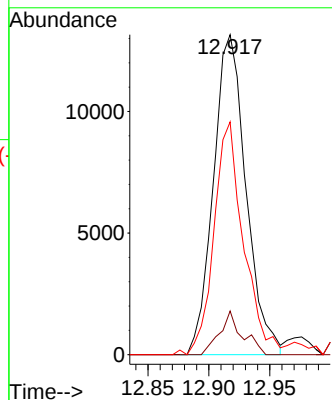
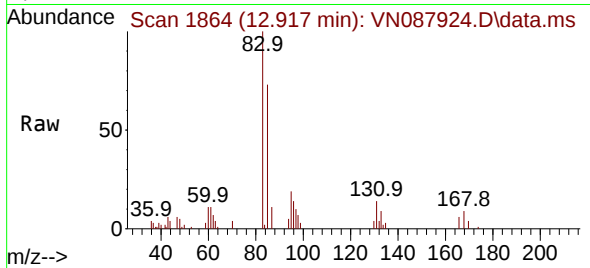




#75
 1,1,2-Tetrachloroethane
 Concen: 5.429 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

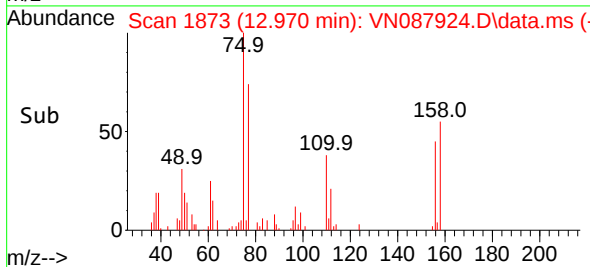
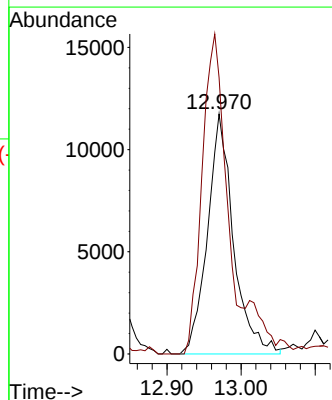
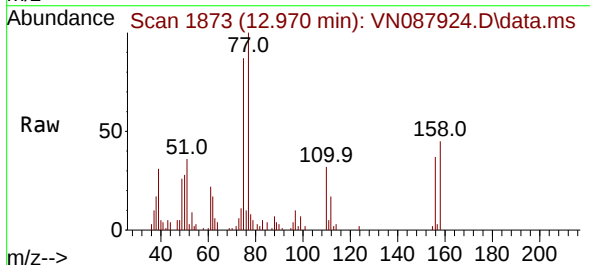
Instrument :
 MSVOA_N
 ClientSampleId :

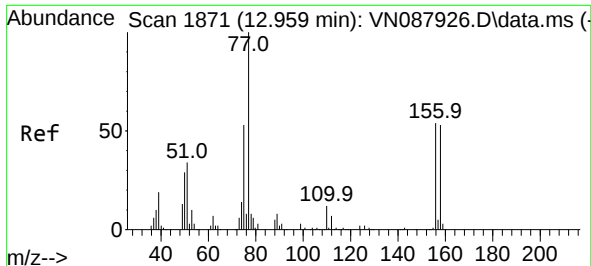
Tgt Ion: 83 Resp: 24506
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.2 15.6
 85 66.4 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 7.146 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

Tgt Ion: 75 Resp: 28651
 Ion Ratio Lower Upper
 75 100
 77 124.1 89.5 268.5

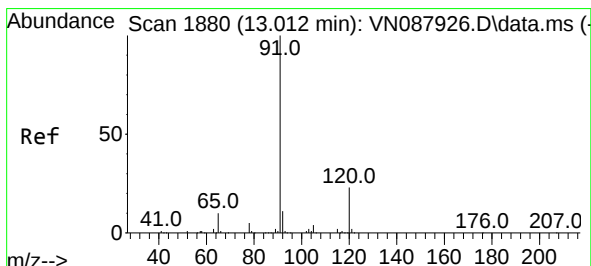
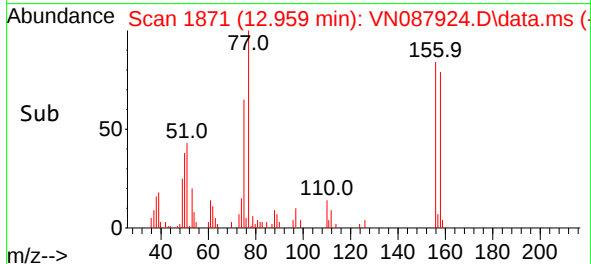
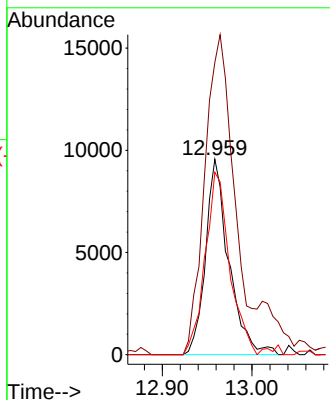
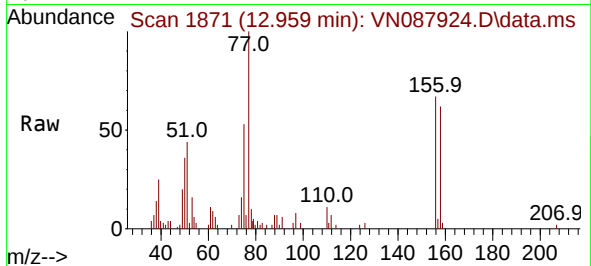




#77
Bromobenzene
Concen: 5.163 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

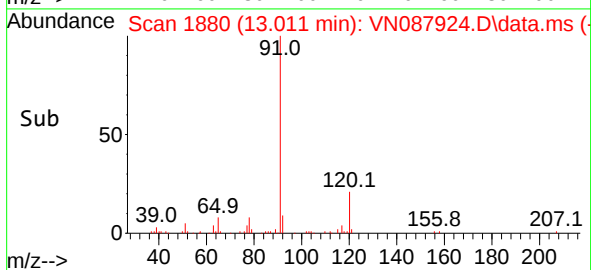
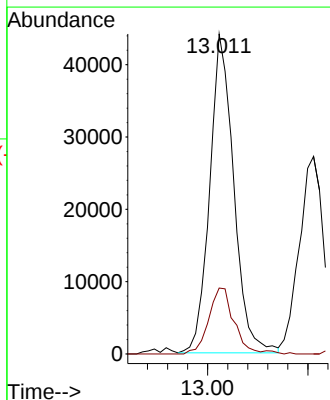
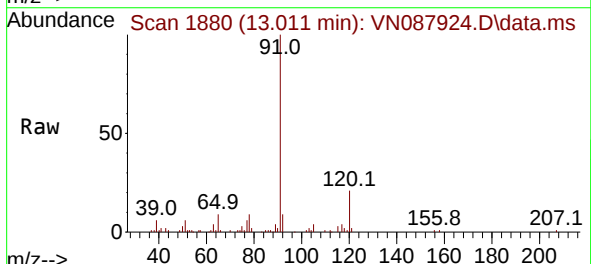
Instrument :
MSVOA_N
ClientSampleId :

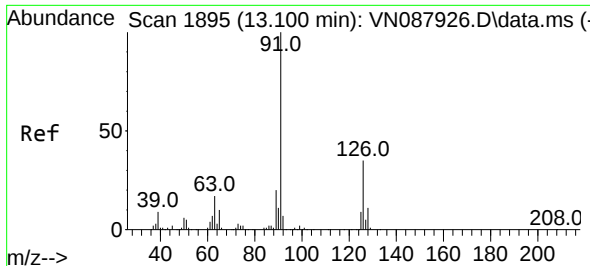
Tgt Ion:156 Resp: 17210
Ion Ratio Lower Upper
156 100
77 206.6 108.2 324.6
158 98.3 49.6 149.0



#78
n-propylbenzene
Concen: 4.694 ug/l
RT: 13.011 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion: 91 Resp: 73512
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.1

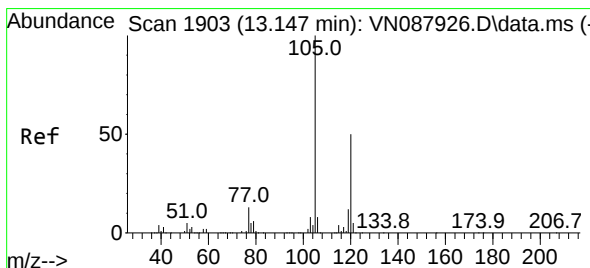
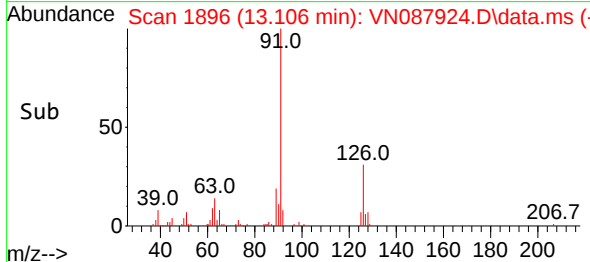
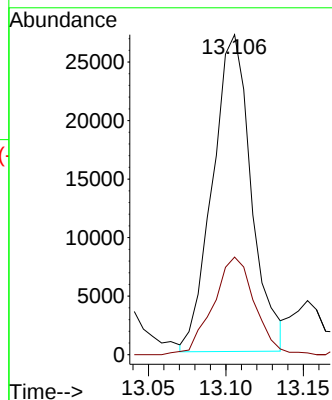
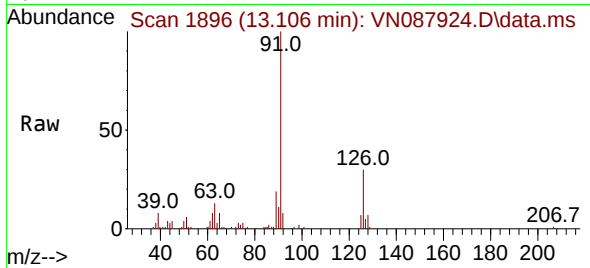




#79
2-Chlorotoluene
Concen: 4.939 ug/l
RT: 13.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

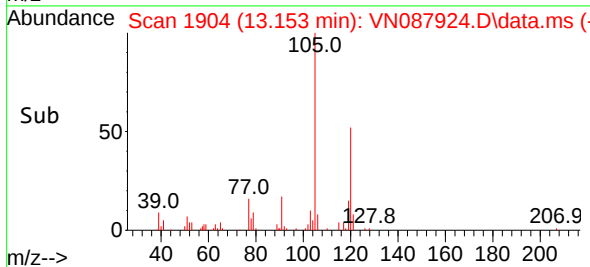
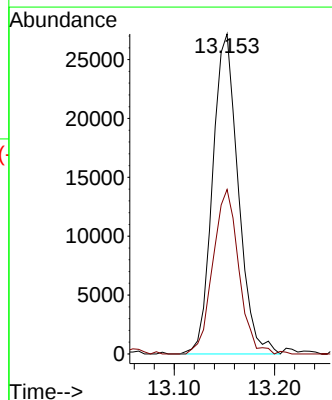
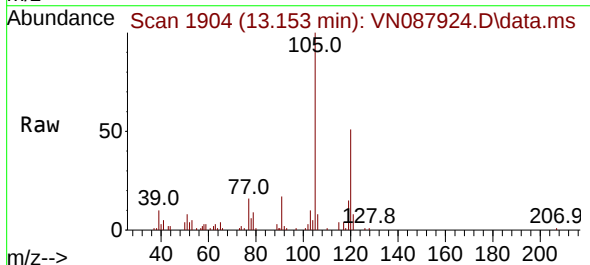
Instrument :
MSVOA_N
ClientSampleId :

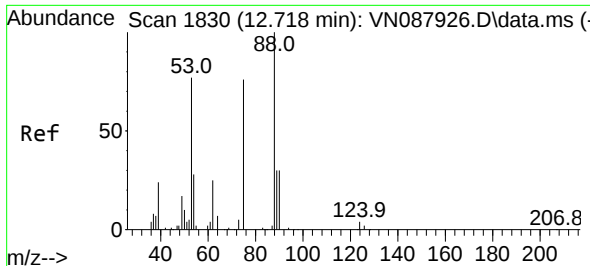
Tgt Ion: 91 Resp: 47102
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 4.454 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion: 105 Resp: 48265
Ion Ratio Lower Upper
105 100
120 52.0 24.7 74.1

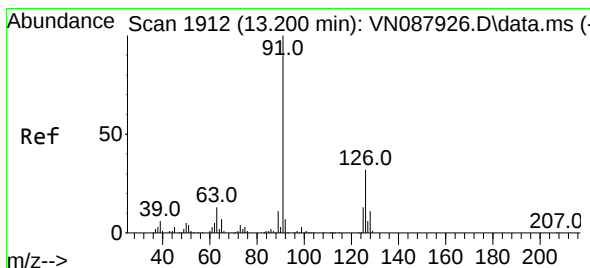
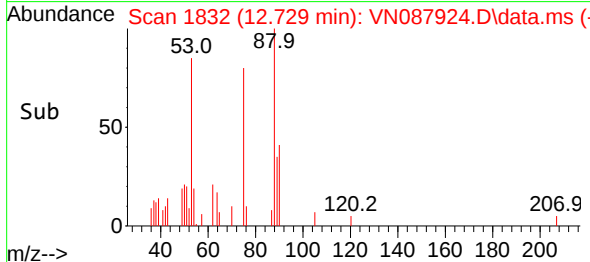
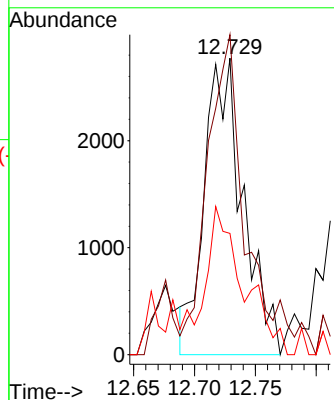
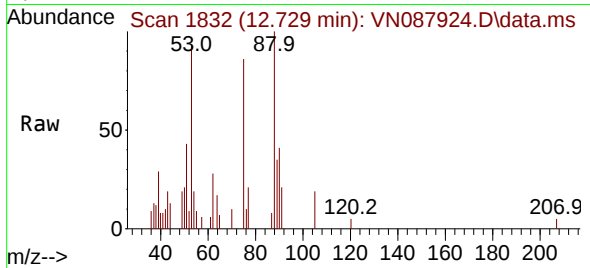




#81
trans-1,4-Dichloro-2-butene
Concen: 4.265 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. 0.012 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

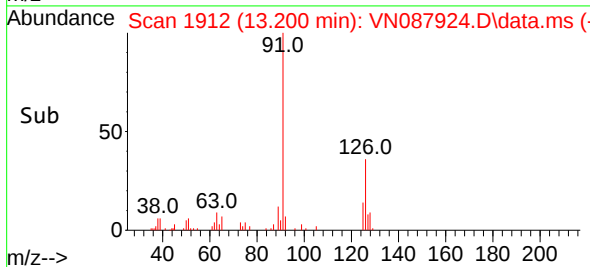
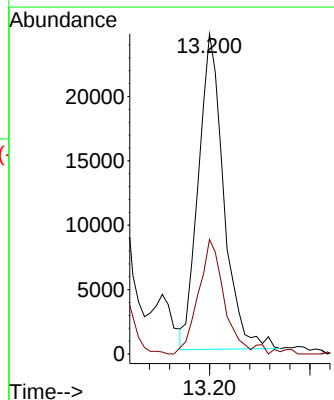
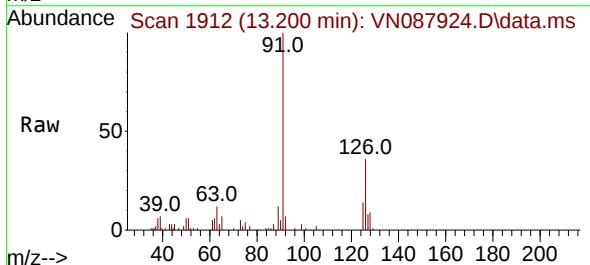
Instrument :
MSVOA_N
ClientSampleId :

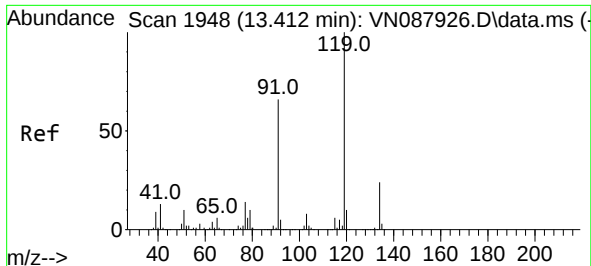
Tgt Ion: 75 Resp: 6119
Ion Ratio Lower Upper
75 100
53 108.1 82.0 123.0
89 46.6 36.1 54.1



#82
4-Chlorotoluene
Concen: 4.468 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion: 91 Resp: 42937
Ion Ratio Lower Upper
91 100
126 36.4 16.9 50.6

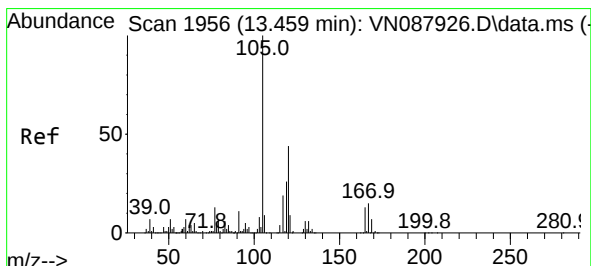
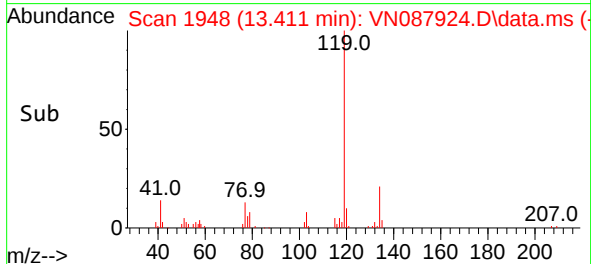
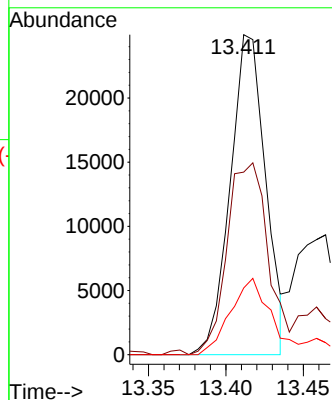
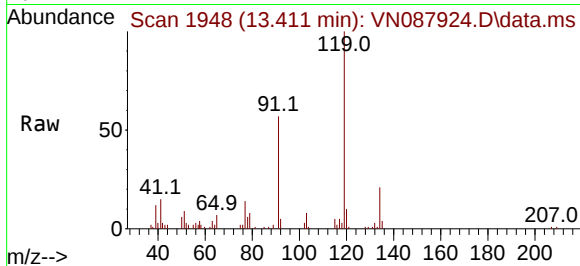




#83
 tert-Butylbenzene
 Concen: 4.326 ug/l
 RT: 13.411 min Scan# 1948
 Delta R.T. -0.000 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

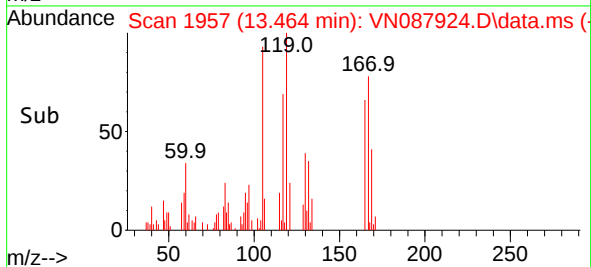
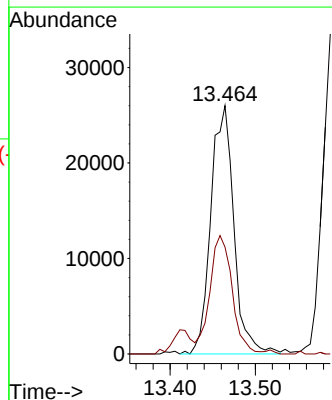
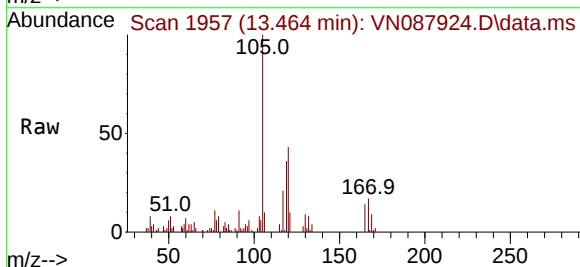
Instrument :
 MSVOA_N
 ClientSampleId :

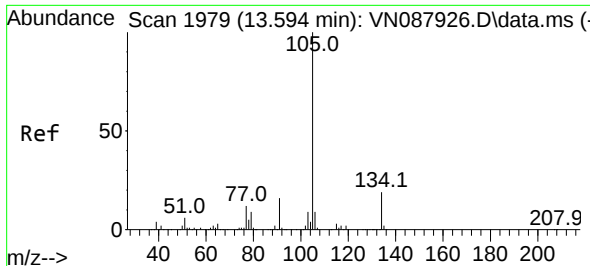
Tgt Ion:119 Resp: 39678
 Ion Ratio Lower Upper
 119 100
 91 70.2 32.1 96.3
 134 26.9 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 4.397 ug/l
 RT: 13.464 min Scan# 1957
 Delta R.T. 0.006 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

Tgt Ion:105 Resp: 48866
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.3

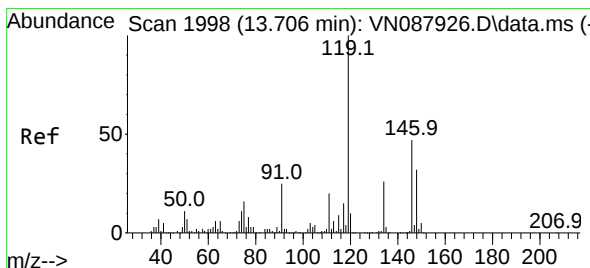
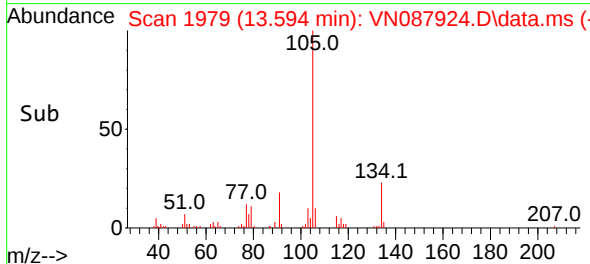
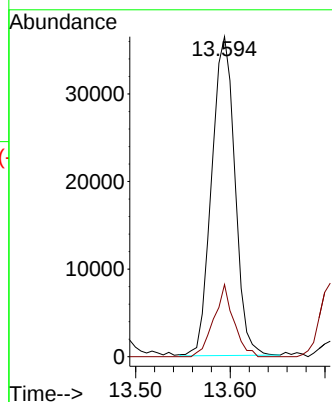
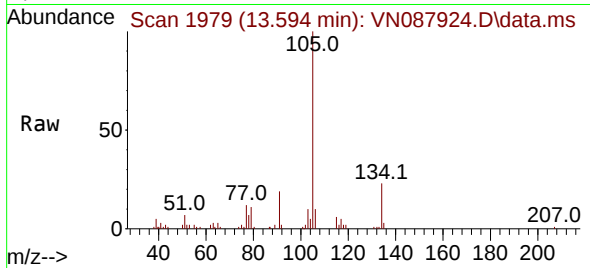




#85
 sec-Butylbenzene
 Concen: 4.627 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

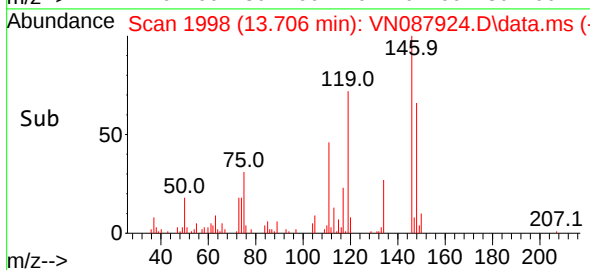
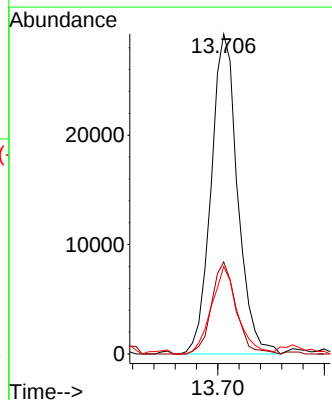
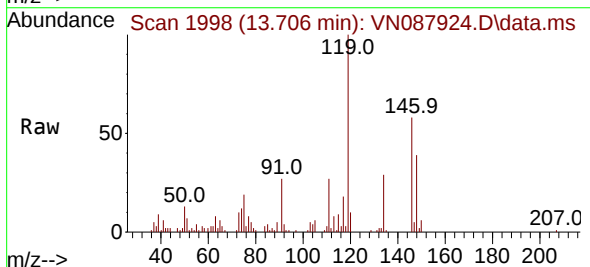
Instrument :
 MSVOA_N
 ClientSampleId :

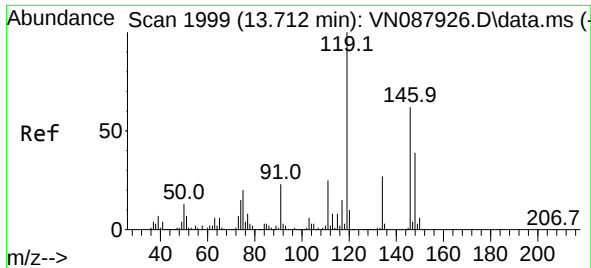
Tgt Ion:105 Resp: 62218
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 4.431 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

Tgt Ion:119 Resp: 50459
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 26.6 11.9 35.5

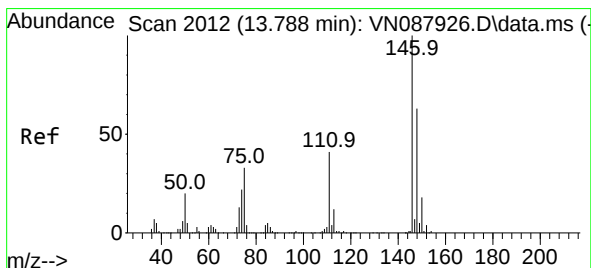
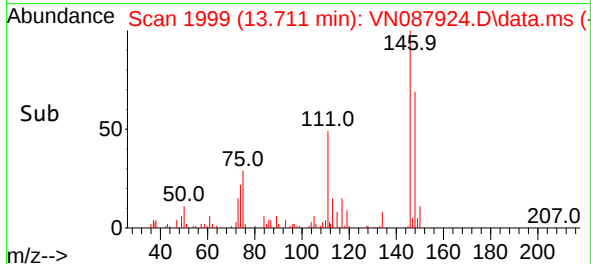
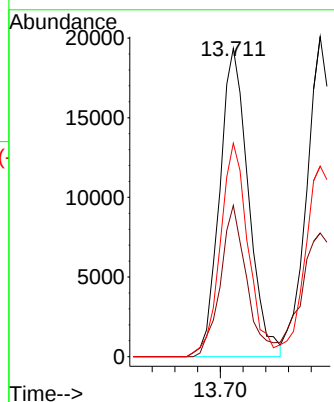
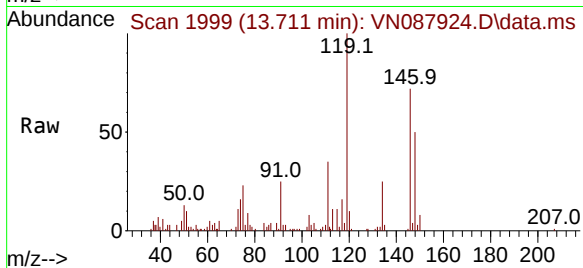




#87
 1,3-Dichlorobenzene
 Concen: 5.250 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

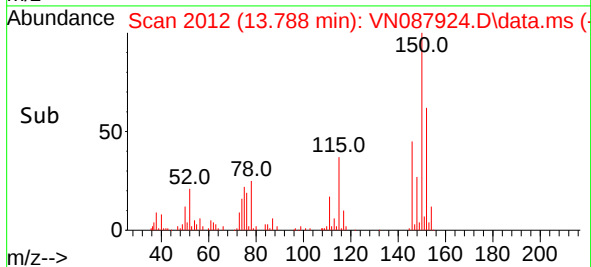
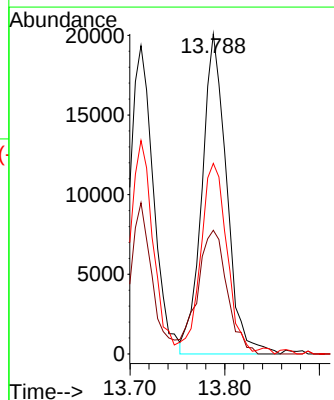
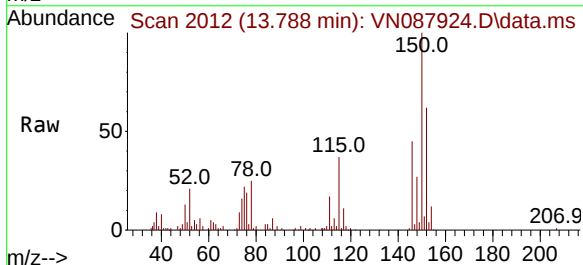
Instrument :
 MSVOA_N
 ClientSampleId :

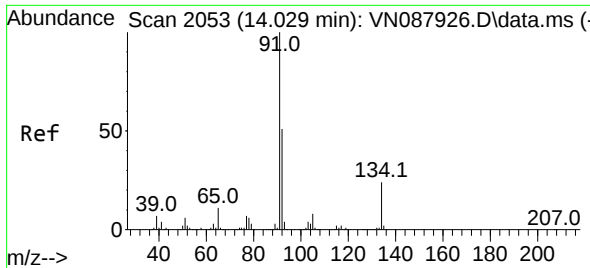
Tgt Ion:146 Resp: 34148
 Ion Ratio Lower Upper
 146 100
 111 44.7 20.3 60.8
 148 66.5 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 5.444 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

Tgt Ion:146 Resp: 36387
 Ion Ratio Lower Upper
 146 100
 111 46.8 20.5 61.5
 148 60.5 32.8 98.4

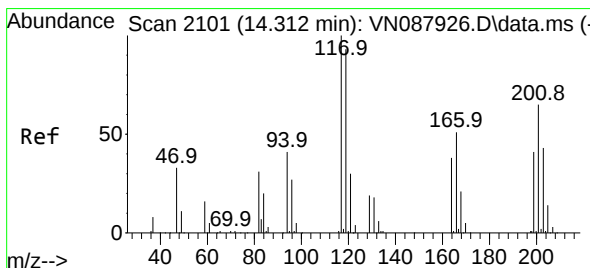
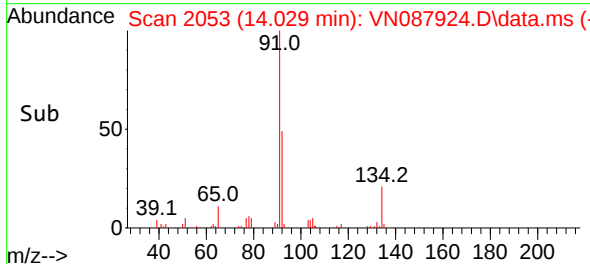
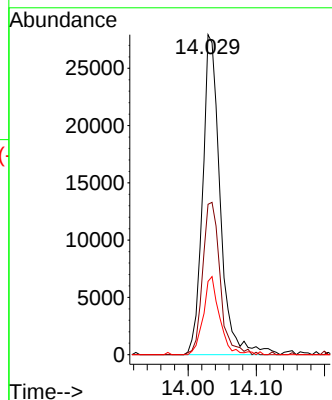
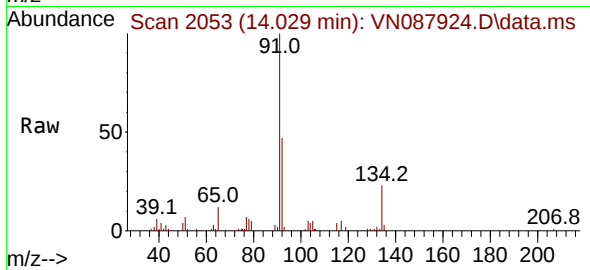




#89
n-Butylbenzene
Concen: 4.659 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

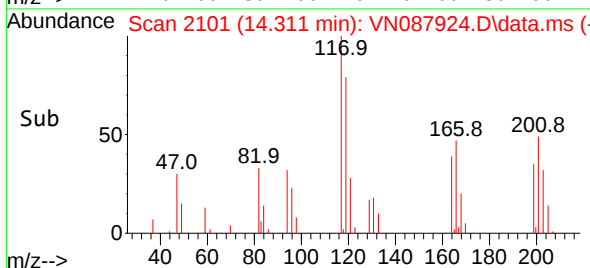
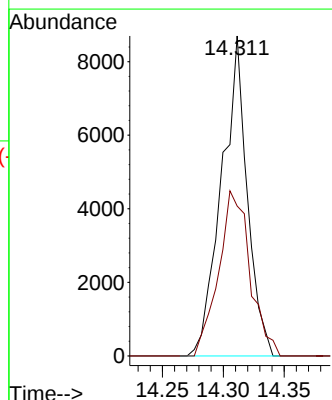
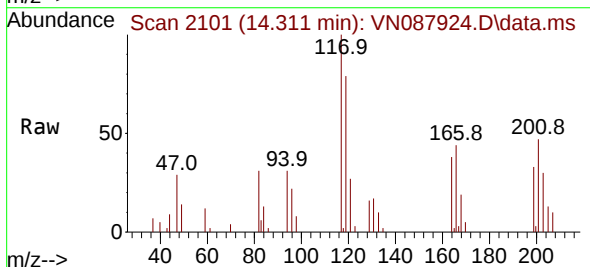
Instrument :
MSVOA_N
ClientSampleId :

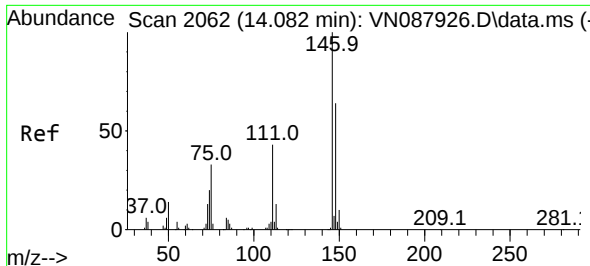
Tgt Ion: 91 Resp: 50142
Ion Ratio Lower Upper
91 100
92 47.2 25.9 77.8
134 22.3 12.6 37.8



#90
Hexachloroethane
Concen: 5.359 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087924.D
Acq: 23 Sep 2025 09:33

Tgt Ion: 117 Resp: 12750
Ion Ratio Lower Upper
117 100
201 63.3 33.6 100.6

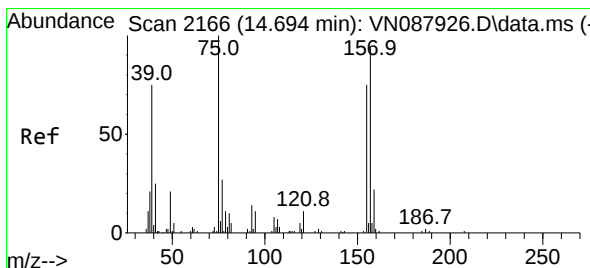
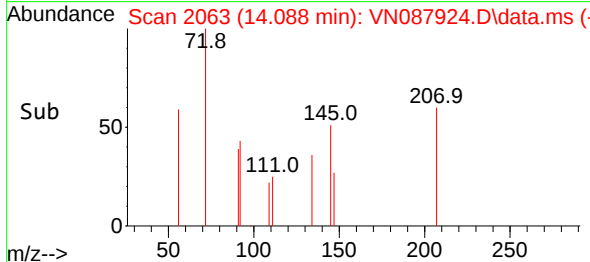
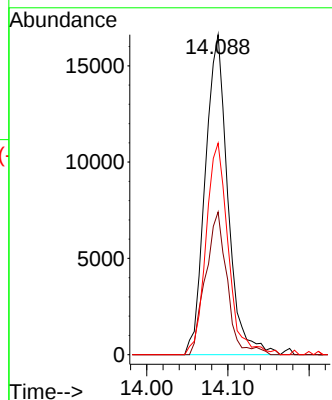
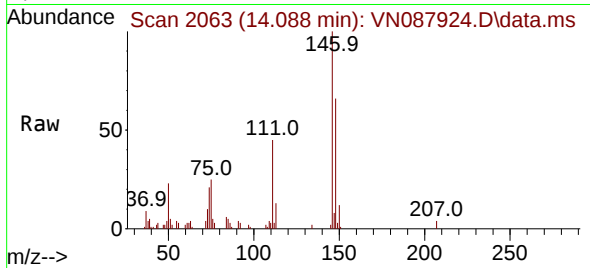




#91
 1,2-Dichlorobenzene
 Concen: 5.128 ug/l
 RT: 14.088 min Scan# 2062
 Delta R.T. 0.006 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

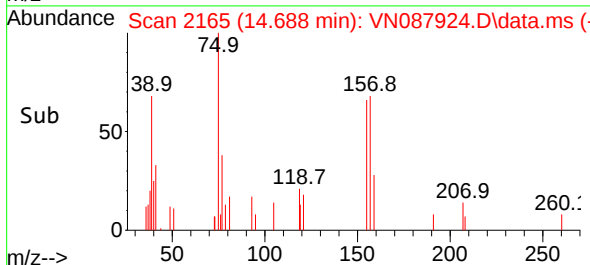
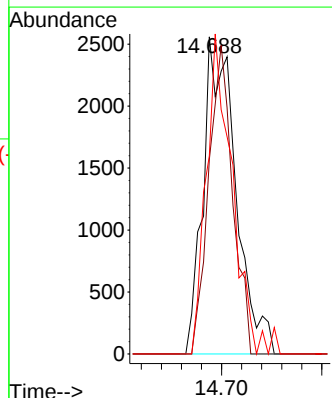
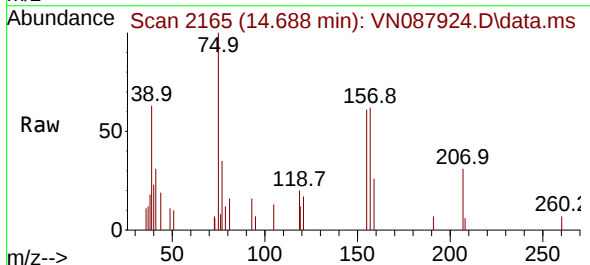
Instrument :
 MSVOA_N
 ClientSampleId :

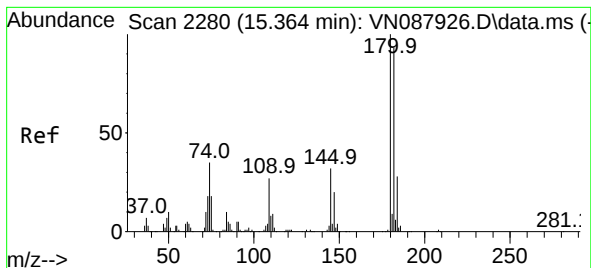
Tgt Ion:146 Resp: 32149
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.9 62.7
 148 65.2 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.485 ug/l
 RT: 14.688 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VN087924.D
 Acq: 23 Sep 2025 09:33

Tgt Ion: 75 Resp: 5752
 Ion Ratio Lower Upper
 75 100
 155 71.8 40.2 120.6
 157 78.1 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 4.735 ug/l

RT: 15.370 min Scan# 2280

Delta R.T. 0.006 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

Instrument :

MSVOA_N

ClientSampleId :

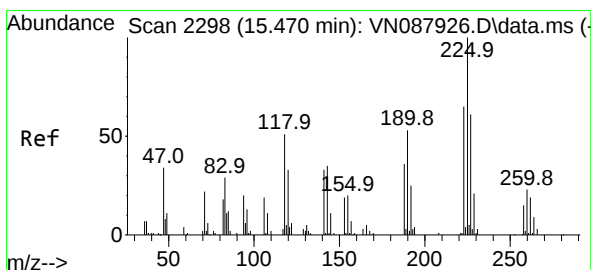
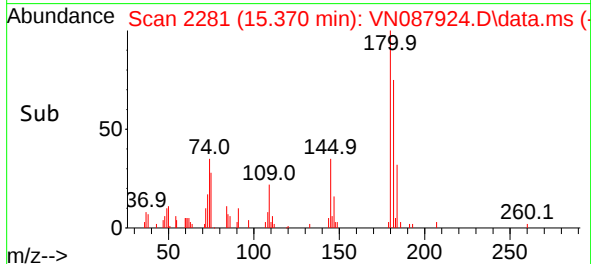
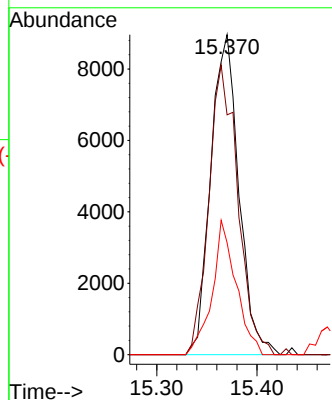
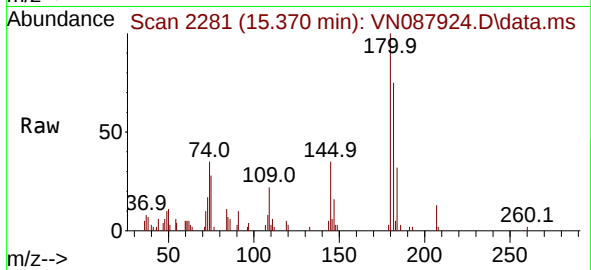
Tgt Ion:180 Resp: 17526

Ion Ratio Lower Upper

180 100

182 92.8 48.5 145.5

145 35.5 15.9 47.6



#94

Hexachlorobutadiene

Concen: 5.168 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

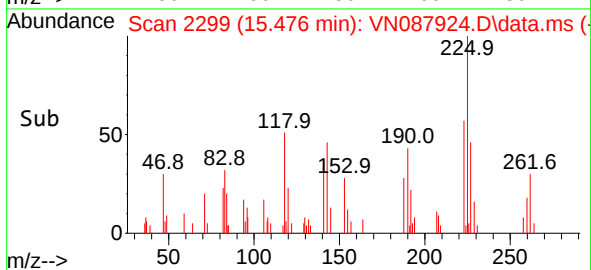
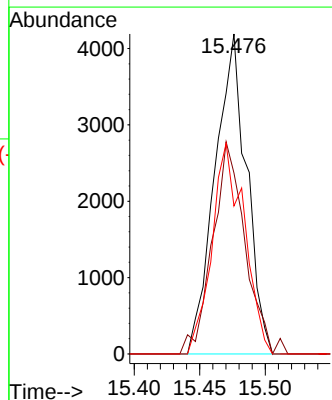
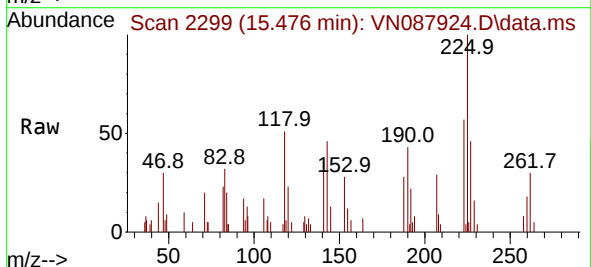
Tgt Ion:225 Resp: 7041

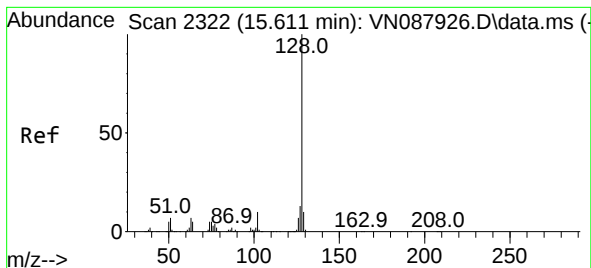
Ion Ratio Lower Upper

225 100

223 68.2 31.8 95.4

227 67.1 31.9 95.9





#95

Naphthalene

Concen: 4.079 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

Instrument :

MSVOA_N

ClientSampleId :

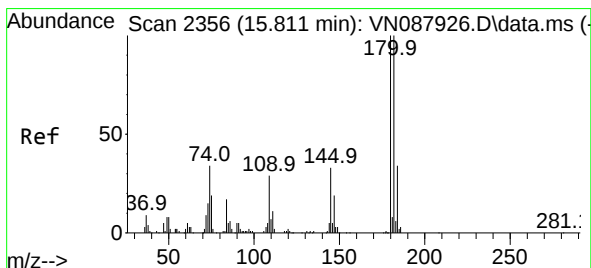
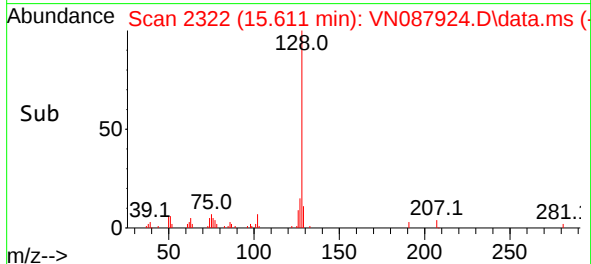
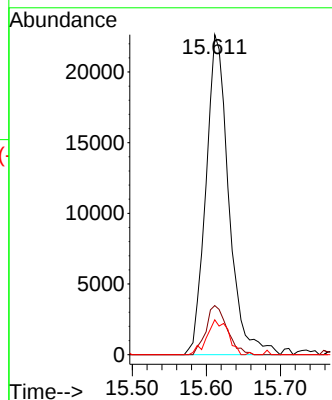
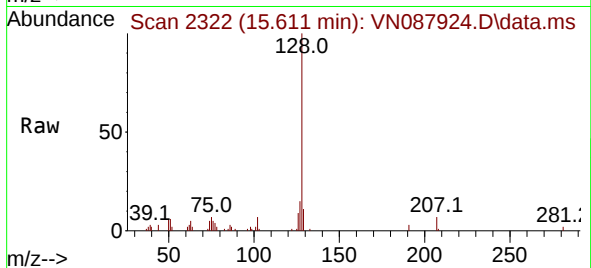
Tgt Ion:128 Resp: 48467

Ion Ratio Lower Upper

128 100

127 14.2 10.2 15.4

129 10.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.380 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087924.D

Acq: 23 Sep 2025 09:33

Tgt Ion:180 Resp: 15763

Ion Ratio Lower Upper

180 100

182 98.7 47.3 142.0

145 36.4 16.1 48.3

