

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
 Data File : VN087726.D
 Acq On : 04 Sep 2025 16:44
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Sep 05 02:56:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 02:54:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	42809	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	211459	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	198266	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	107398	27.862	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	92.867%		
60) 4-Bromofluorobenzene	12.829	95	96997	28.768	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.900%		
63) Toluene-d8	10.547	98	279660	30.528	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.767%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	49949	18.465	ug/l	100
3) Chloromethane	2.383	50	51138	18.521	ug/l	100
4) Vinyl Chloride	2.542	62	57095	19.294	ug/l	100
5) Bromomethane	2.977	94	31609	19.377	ug/l	100
6) Chloroethane	3.142	64	38748	19.998	ug/l	100
7) Trichlorofluoromethane	3.512	101	82866	19.315	ug/l	100
8) Diethyl Ether	3.954	74	33334	18.728	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	45396	20.339	ug/l	100
10) 1,1-Dichloroethene	4.342	96	44944	19.539	ug/l	100
11) Methyl Iodide	4.583	142	26688	14.779	ug/l	100
12) Methyl Acetate	5.018	43	72499	17.391	ug/l	100
13) Acrolein	4.177	56	61563	94.456	ug/l	100
15) Acetone	4.430	58	45452	88.853	ug/l	100
16) Carbon Disulfide	4.706	76	124233	17.652	ug/l	100
17) Allyl chloride	5.018	41	72506	15.970	ug/l	100
18) Methylene Chloride	5.265	84	50199	17.300	ug/l	100
19) trans-1,2-Dichloroethene	5.765	96	21407	7.973	ug/l	92
20) Diisopropyl ether	6.659	45	169008	16.339	ug/l	100
21) 1,1-Dichloroethane	6.553	63	93521	17.386	ug/l	100
22) cis-1,2-Dichloroethene	7.465	96	56746	17.275	ug/l	100
23) tert-Butyl Alcohol	5.530	59	54584	72.820	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	158036	15.680	ug/l	100
25) Chloroform	7.953	83	99433	17.558	ug/l	100
26) Cyclohexane	8.241	56	69837	16.417	ug/l #	100
29) 1,1-Dichloropropene	8.353	75	63171	18.638	ug/l	100
30) 2-Butanone	7.471	43	213338	86.904	ug/l	100
31) 2,2-Dichloropropane	7.471	77	69833	16.445	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	81988	18.860	ug/l	100
33) Carbon Tetrachloride	8.341	117	65653	18.352	ug/l	100
34) Benzene	8.588	78	203295	18.914	ug/l	100
35) Methacrylonitrile	7.765	41	48528	18.198	ug/l	100
36) 1,2-Dichloroethane	8.653	62	78112	18.230	ug/l	100
37) Trichloroethene	9.336	130	45484	19.215	ug/l	100
38) Methylcyclohexane	9.583	83	67168	17.371	ug/l	100
39) 1,2-Dichloropropane	9.600	63	52783	19.162	ug/l	100
40) Dibromomethane	9.688	93	38777	18.828	ug/l	100
41) Bromodichloromethane	9.871	83	80402	18.694	ug/l	100
42) Vinyl Acetate	6.589	43	706403	87.467	ug/l	100
43) Ethyl Acetate	7.547	43	91142	18.839	ug/l	100

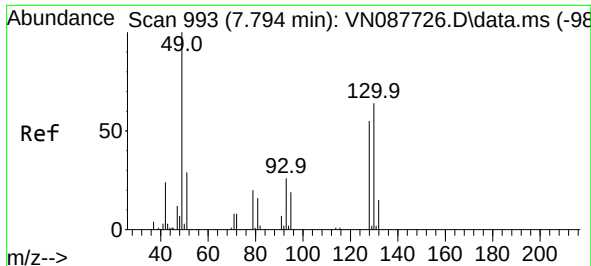
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
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Quant Time: Sep 05 02:56:32 2025
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 02:54:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.677	43	140215	17.422	ug/l	100
45) 1,4-Dioxane	9.677	88	18742	363.739	ug/l	100
46) Methyl methacrylate	9.665	41	62431	16.572	ug/l	100
47) n-amyl Acetate	12.671	43	1542	0.330	ug/l #	98
48) t-1,3-Dichloropropene	10.818	75	78438	17.108	ug/l	100
49) cis-1,3-Dichloropropene	10.288	75	79831	17.252	ug/l	100
50) 1,1,2-Trichloroethane	10.994	97	49901	19.075	ug/l	100
51) Ethyl methacrylate	10.853	69	72347	16.207	ug/l	100
52) 1,3-Dichloropropane	11.141	76	87839	18.729	ug/l	100
53) Dibromochloromethane	11.335	129	51982	17.456	ug/l	100
54) 1,2-Dibromoethane	11.447	107	51152	18.556	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	225137	93.348	ug/l	100
56) Bromoform	12.559	173	34081	17.274	ug/l	100
58) 4-Methyl-2-Pentanone	10.424	43	432636	88.189	ug/l	100
59) 2-Hexanone	11.177	43	276879	83.339	ug/l	100
61) Tetrachloroethene	11.082	164	36848	19.253	ug/l	100
62) Toluene	10.612	91	221067	18.530	ug/l	100
64) Chlorobenzene	11.871	112	132910	18.156	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.935	131	46772	18.150	ug/l	100
66) Ethyl Benzene	11.941	91	230526	17.532	ug/l	100
67) m/p-Xylenes	12.047	106	169788	35.082	ug/l	100
68) o-Xylene	12.377	106	84505	17.701	ug/l	100
69) Styrene	12.388	104	142280	17.520	ug/l	100
70) Isopropylbenzene	12.676	105	205573	17.117	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	79973	19.086	ug/l	100
72) 1,2,3-Trichloropropane	12.971	75	100408	25.685	ug/l	56
73) Bromobenzene	12.953	156	51969	18.305	ug/l	100
74) n-propylbenzene	13.012	91	266688	17.651	ug/l	100
75) 2-Chlorotoluene	13.106	91	164311	17.679	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	178698	17.339	ug/l	100
77) t-1,4-Dichloro-2-butene	12.718	75	24084	16.407	ug/l	100
78) 4-Chlorotoluene	13.200	91	166605	17.614	ug/l	100
79) tert-butylbenzene	13.418	119	149770	17.250	ug/l	100
80) 1,2,4-Trimethylbenzene	13.459	105	185683	17.861	ug/l	100
81) sec-Butylbenzene	13.594	105	221613	17.504	ug/l	100
82) p-Isopropyltoluene	13.706	119	179893	17.164	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	104338	19.181	ug/l	100
84) 1,4-Dichlorobenzene	13.788	146	102608	18.737	ug/l	100
85) n-Butylbenzene	14.035	91	169464	16.646	ug/l	100
86) Hexachloroethane	14.312	117	37845	18.193	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	96835	18.773	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.694	75	18320	17.534	ug/l	100
89) 1,2,4-Trichlorobenzene	15.812	180	52849	17.337	ug/l	100
90) Hexachlorobutadiene	15.470	225	19260	16.481	ug/l	100
91) Naphthalene	15.612	128	190673	16.595	ug/l	100
92) 1,2,3-Trichlorobenzene	15.812	180	52849	17.337	ug/l	100

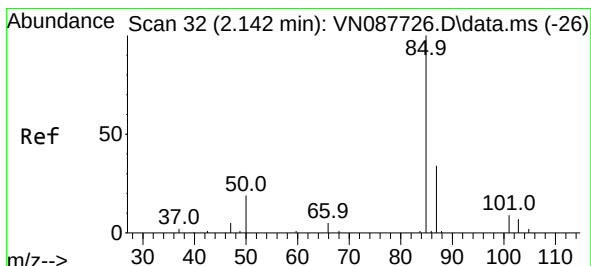
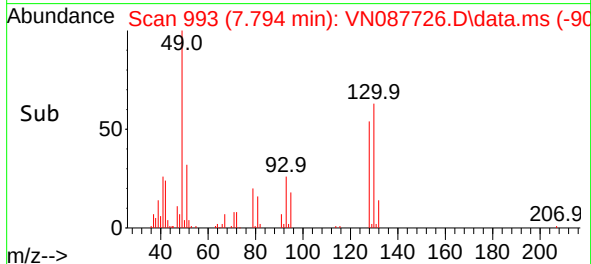
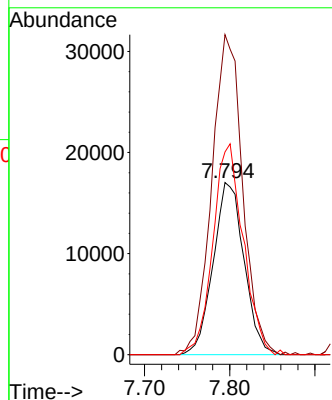
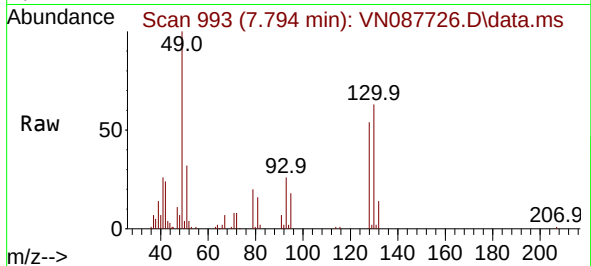
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

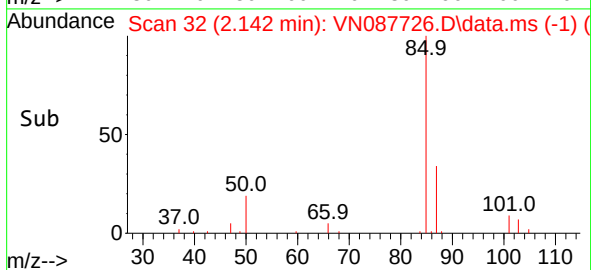
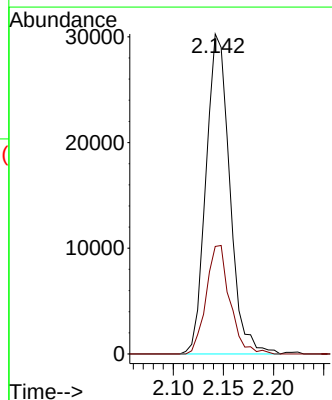
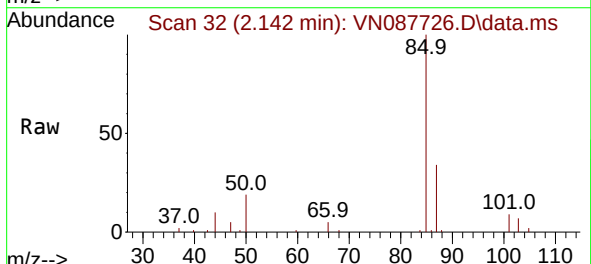
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VSTDICCC020

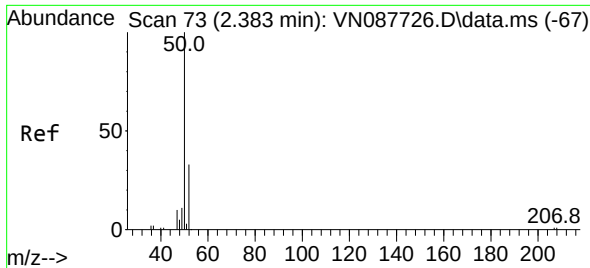
Tgt Ion:128 Resp: 42809
Ion Ratio Lower Upper
128 100
49 185.7 0.0 464.3
130 120.2 0.0 300.5



#2
Dichlorodifluoromethane
Concen: 18.465 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 85 Resp: 49949
Ion Ratio Lower Upper
85 100
87 33.6 16.8 50.4

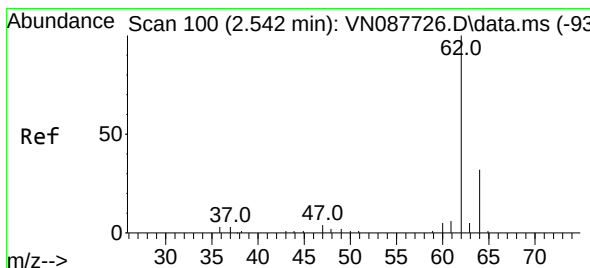
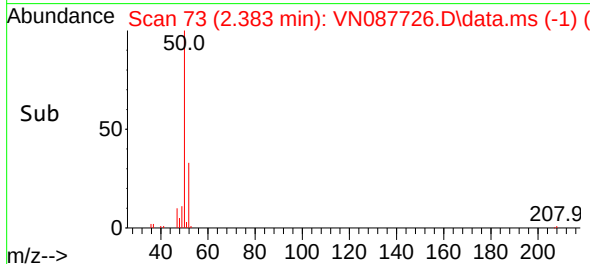
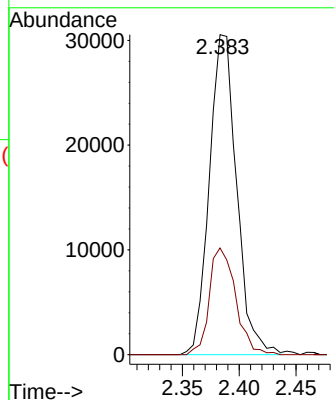
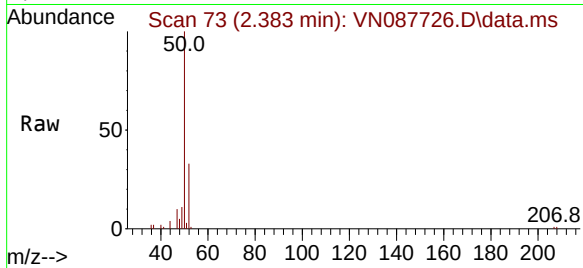




#3
Chloromethane
Concen: 18.521 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

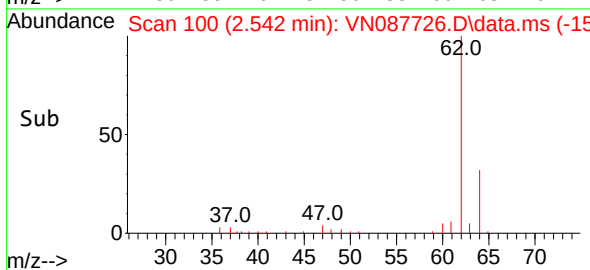
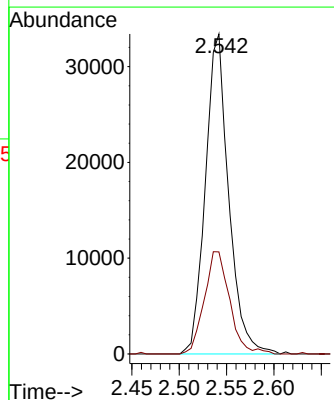
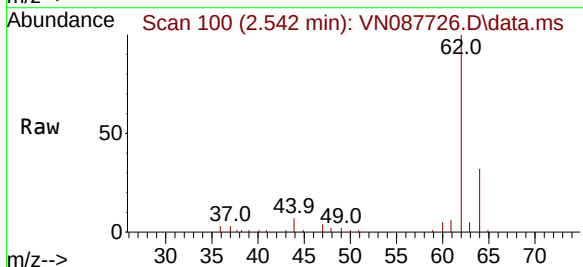
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ClientSampleId :
VSTDICCC020

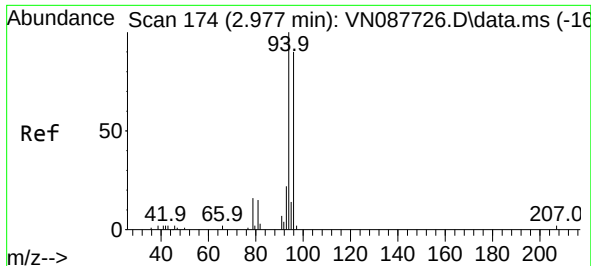
Tgt Ion: 50 Resp: 51138
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 19.294 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 62 Resp: 57095
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3

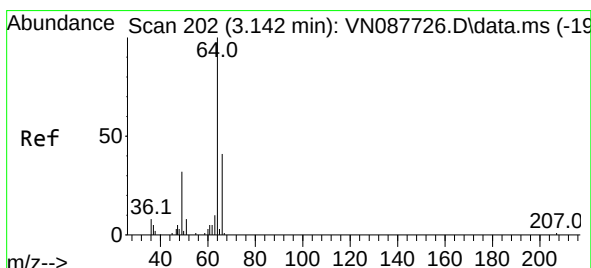
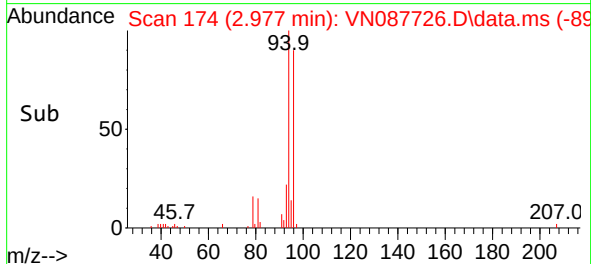
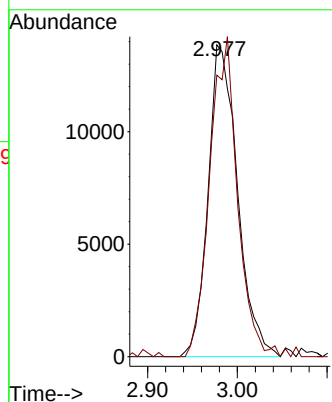
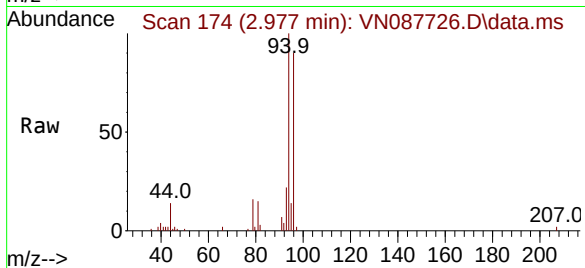




#5
Bromomethane
Concen: 19.377 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

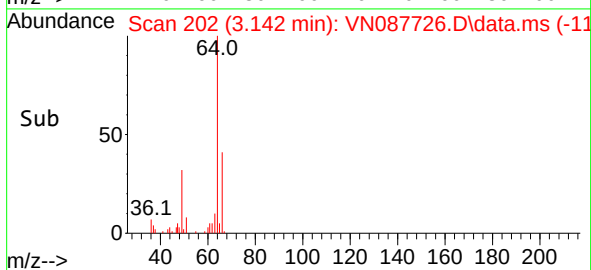
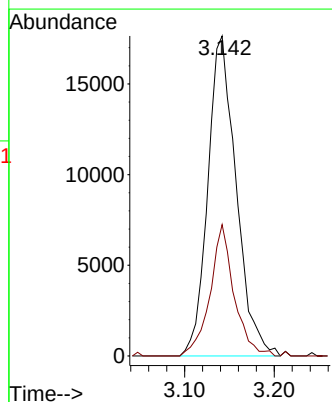
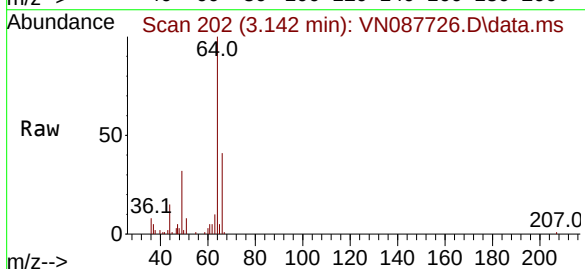
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ClientSampleId :
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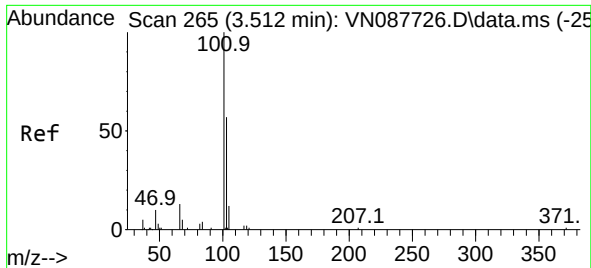
Tgt Ion: 94 Resp: 31609
Ion Ratio Lower Upper
94 100
96 90.3 72.2 108.4



#6
Chloroethane
Concen: 19.998 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 64 Resp: 38748
Ion Ratio Lower Upper
64 100
66 41.0 32.8 49.2

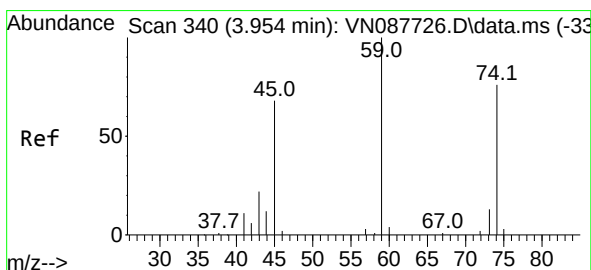
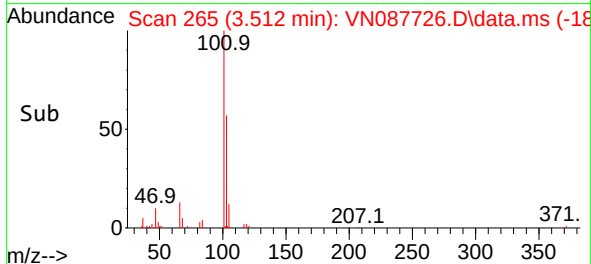
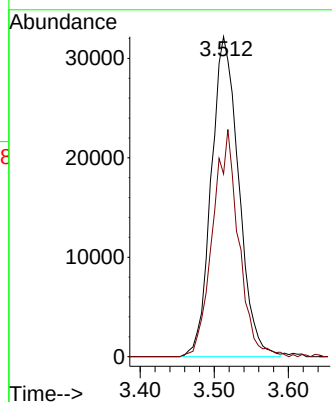
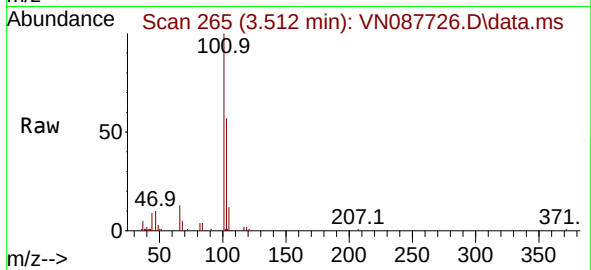




#7
 Trichlorofluoromethane
 Concen: 19.315 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087726.D
 Acq: 04 Sep 2025 16:44

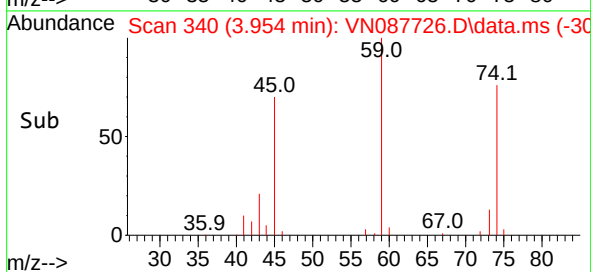
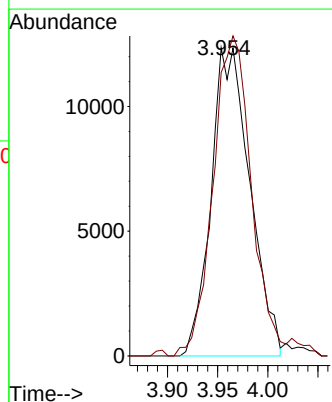
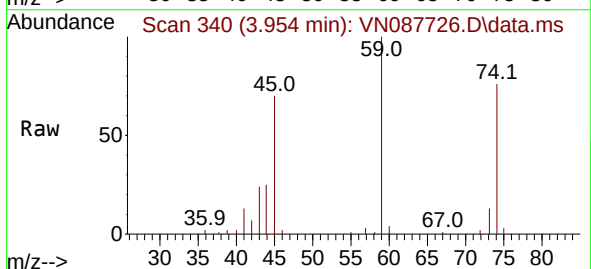
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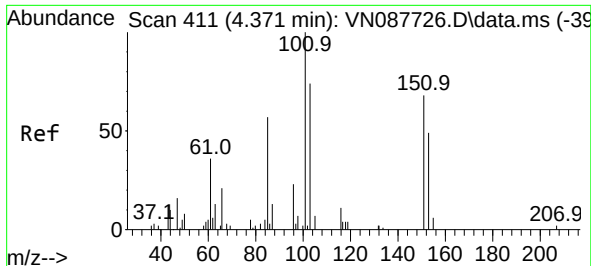
Tgt Ion:101 Resp: 82866
 Ion Ratio Lower Upper
 101 100
 103 57.1 45.7 68.5



#8
 Diethyl Ether
 Concen: 18.728 ug/l
 RT: 3.954 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN087726.D
 Acq: 04 Sep 2025 16:44

Tgt Ion: 74 Resp: 33334
 Ion Ratio Lower Upper
 74 100
 45 102.1 20.4 183.8

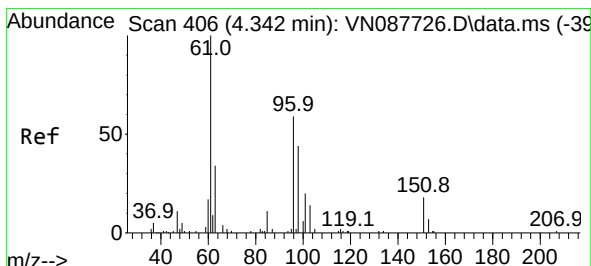
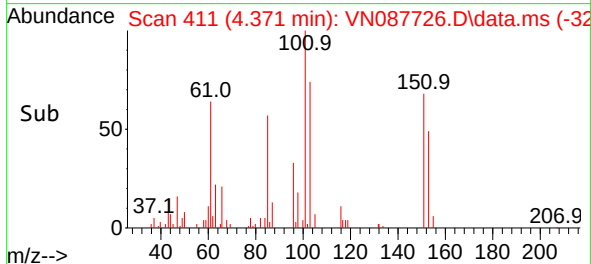
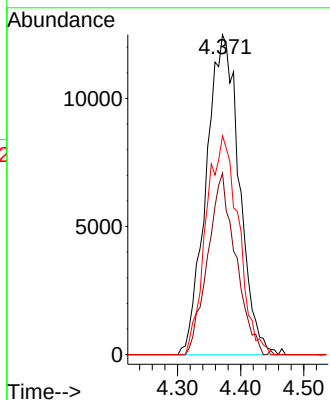
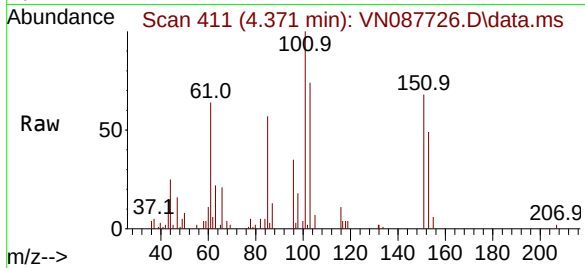




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.339 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN087726.D
 Acq: 04 Sep 2025 16:44

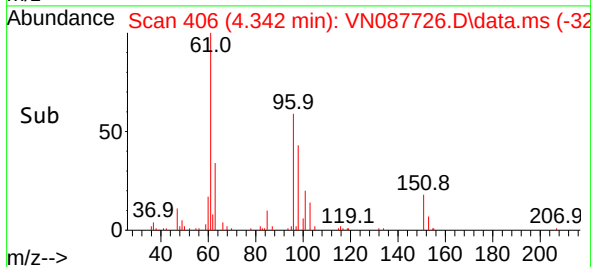
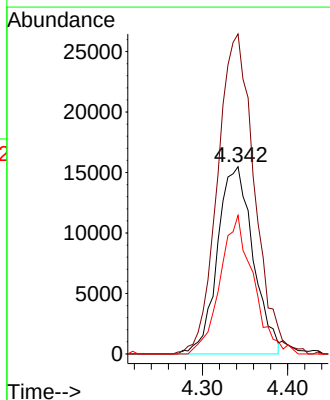
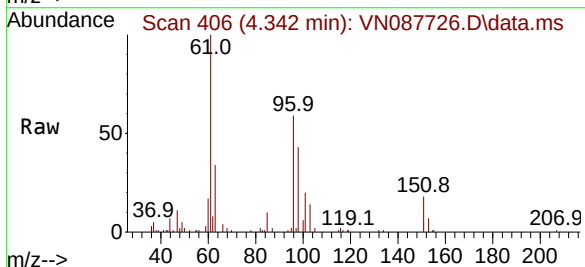
Instrument :
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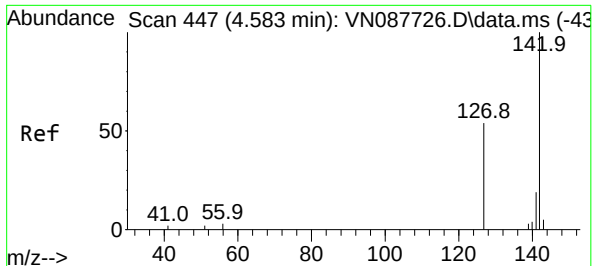
Tgt Ion:	101	Resp:	45396
Ion	Ratio	Lower	Upper
101	100		
85	47.8	0.0	95.6
151	42.9	0.0	85.8



#10
 1,1-Dichloroethene
 Concen: 19.539 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VN087726.D
 Acq: 04 Sep 2025 16:44

Tgt Ion:	96	Resp:	44944
Ion	Ratio	Lower	Upper
96	100		
61	169.9	135.9	203.9
98	74.0	59.2	88.8

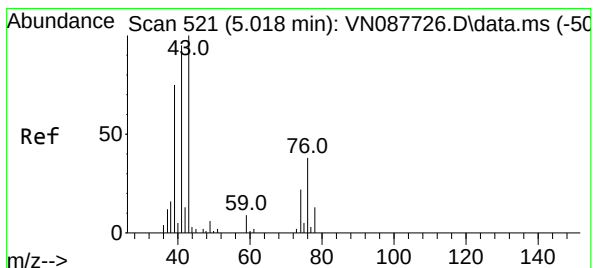
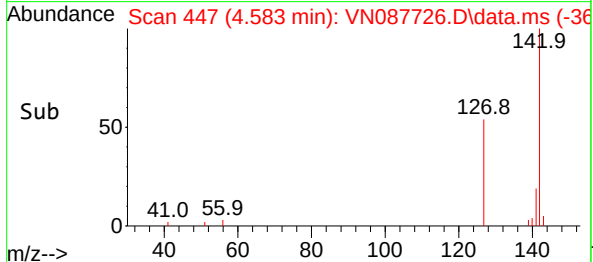
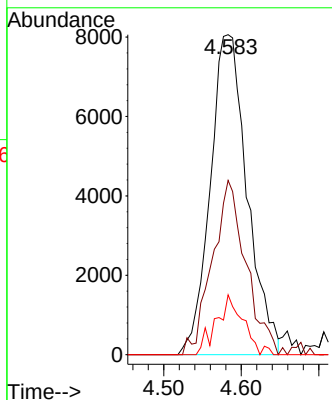
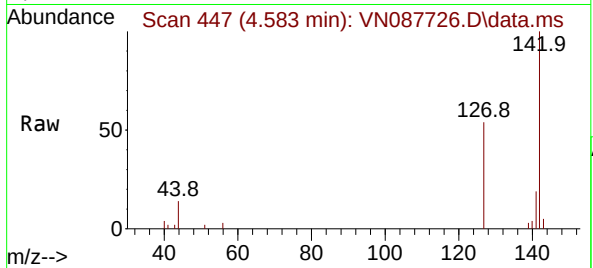




#11
Methyl Iodide
Concen: 14.779 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

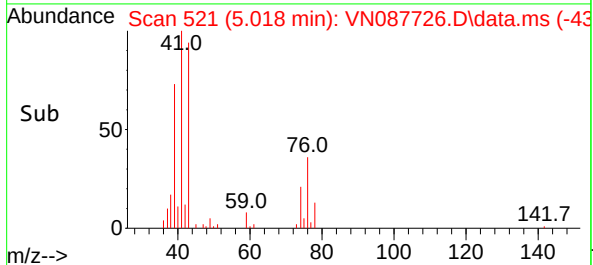
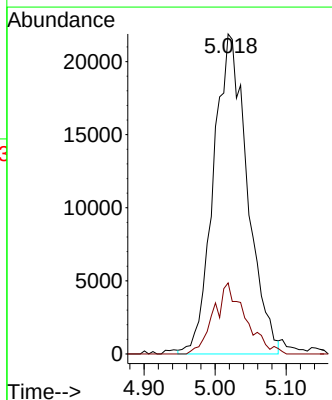
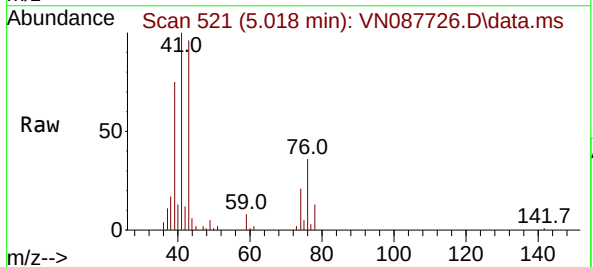
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

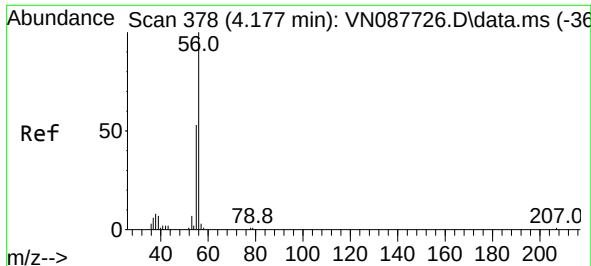
Tgt Ion:	142	Resp:	26688
Ion	Ratio	Lower	Upper
142	100		
127	55.8	27.9	83.7
141	19.2	9.6	28.8



#12
Methyl Acetate
Concen: 17.391 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion:	43	Resp:	72499
Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.5	26.3

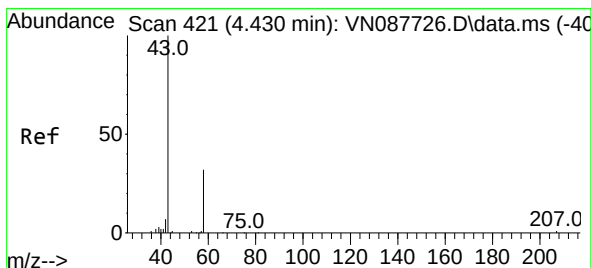
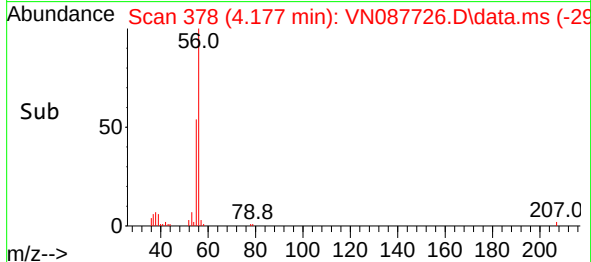
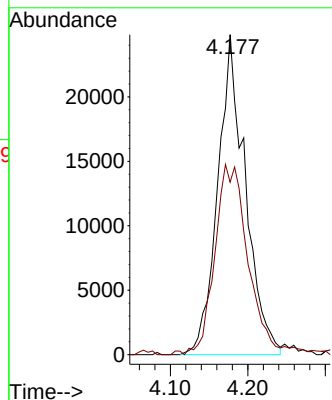
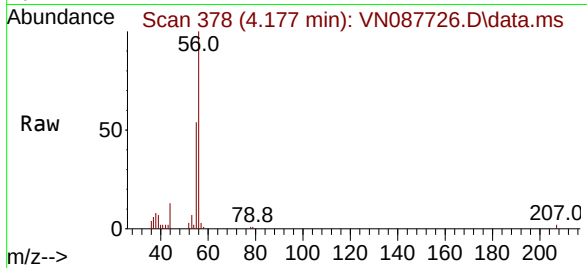




#13
Acrolein
Concen: 94.456 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

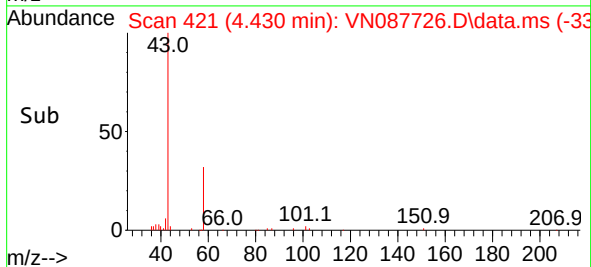
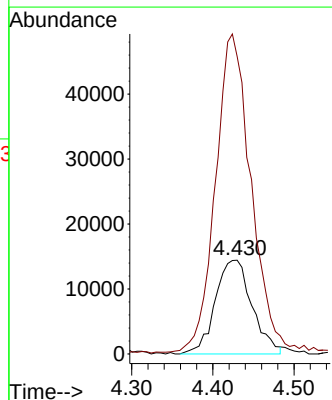
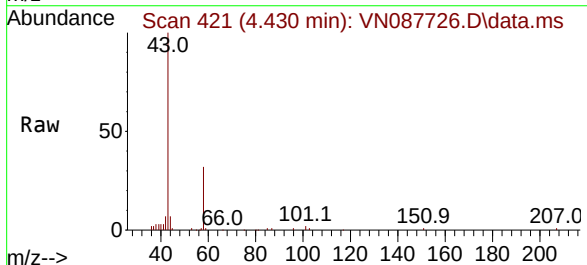
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

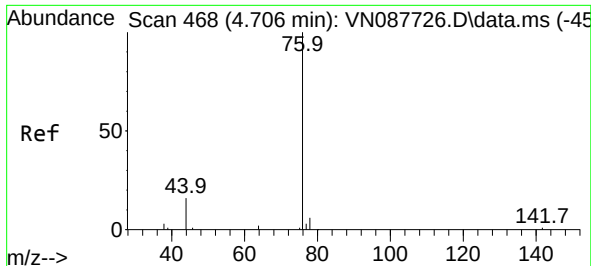
Tgt Ion: 56 Resp: 61563
Ion Ratio Lower Upper
56 100
55 35.7 28.6 42.8



#15
Acetone
Concen: 88.853 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 58 Resp: 45452
Ion Ratio Lower Upper
58 100
43 313.3 250.6 376.0

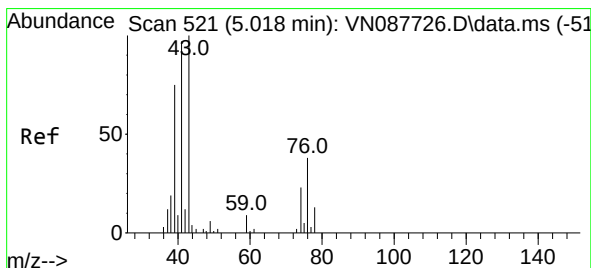
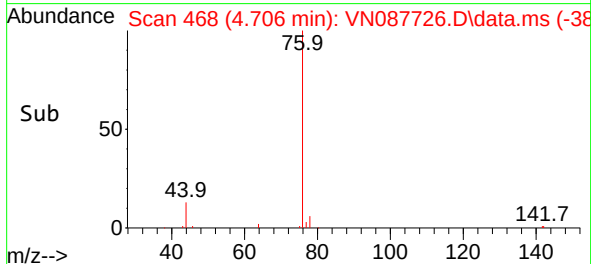
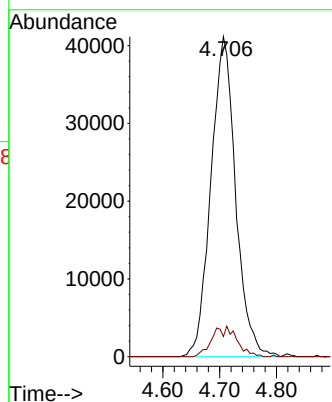
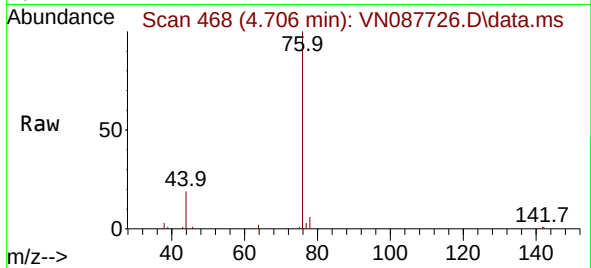




#16
Carbon Disulfide
Concen: 17.652 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

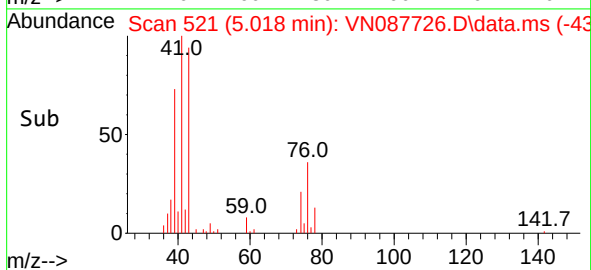
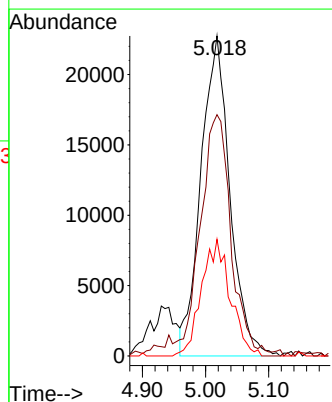
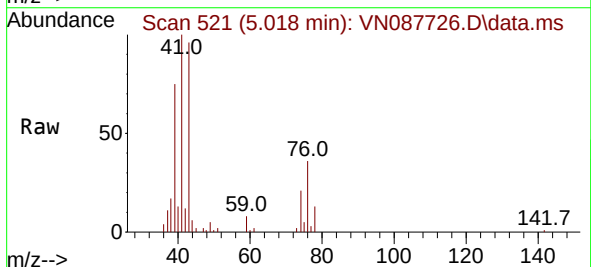
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

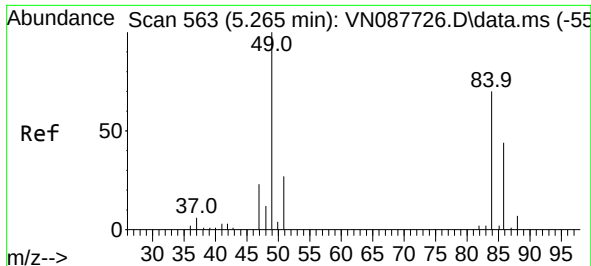
Tgt Ion: 76 Resp: 124233
Ion Ratio Lower Upper
76 100
78 6.3 5.0 7.6



#17
Allyl chloride
Concen: 15.970 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 41 Resp: 72506
Ion Ratio Lower Upper
41 100
39 73.4 36.7 110.1
76 36.5 18.3 54.8

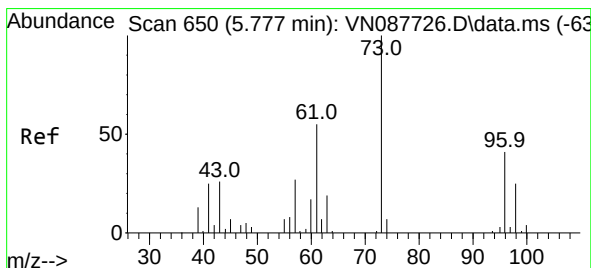
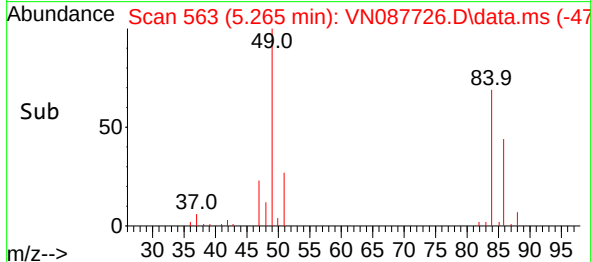
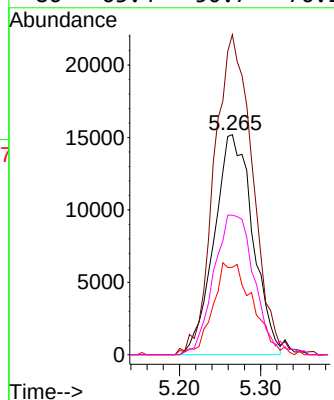
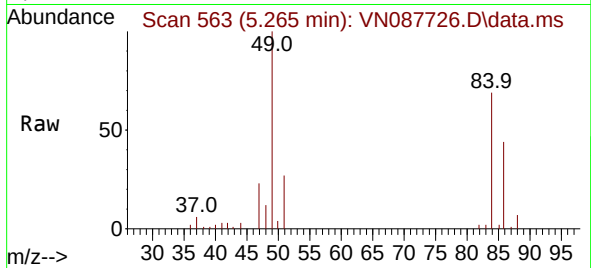




#18
Methylene Chloride
Concen: 17.300 ug/l
RT: 5.265 min Scan# 501
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

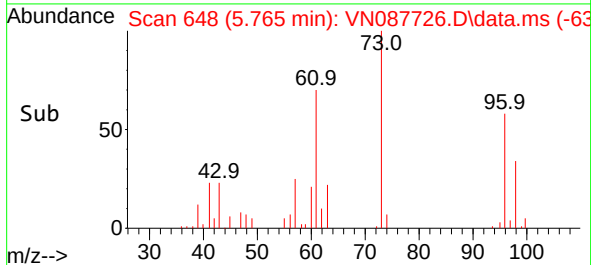
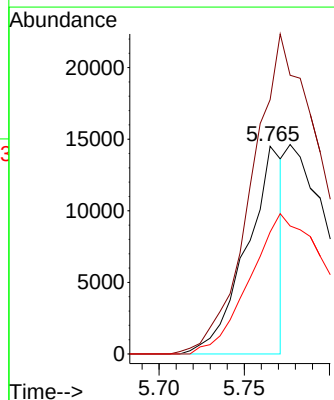
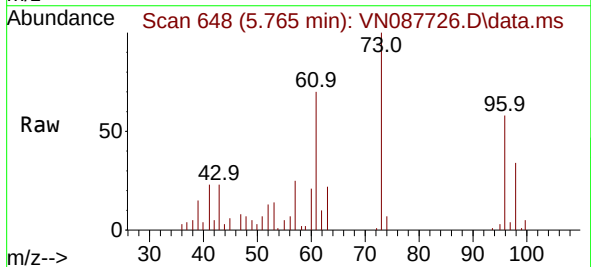
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

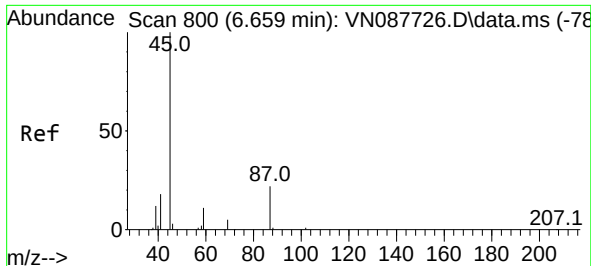
Tgt Ion: 84	Resp: 50199		
Ion	Ratio	Lower	Upper
84	100		
49	142.6	114.1	171.1
51	37.8	30.2	45.4
86	63.4	50.7	76.1



#19
trans-1,2-Dichloroethene
Concen: 7.973 ug/l
RT: 5.765 min Scan# 648
Delta R.T. -0.012 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 96	Resp: 21407
Ion Ratio	Lower Upper
96 100	
61 121.2	106.4 159.6
98 58.7	48.9 73.3

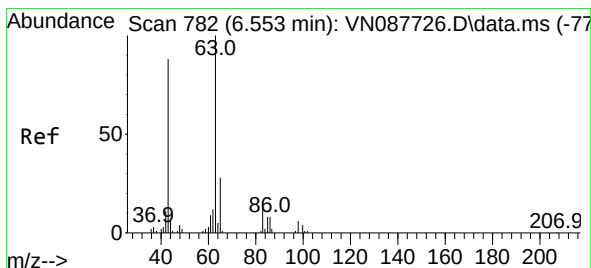
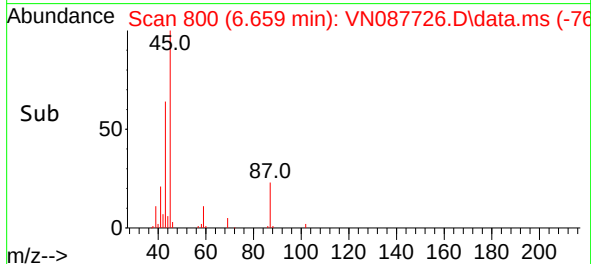
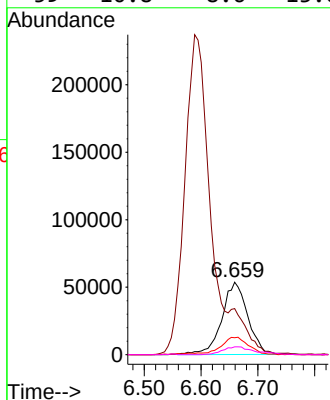
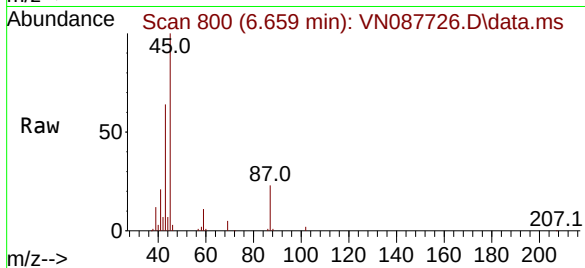




#20
Diisopropyl ether
Concen: 16.339 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

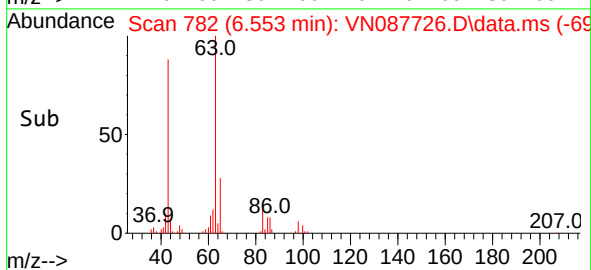
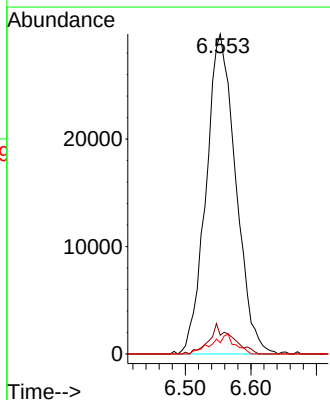
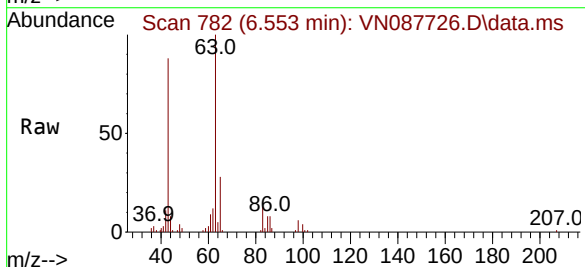
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

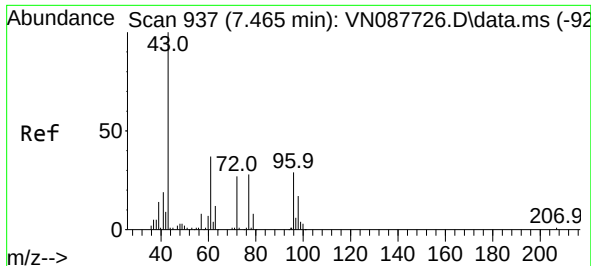
Tgt Ion:	45	Resp:	169008
Ion	Ratio	Lower	Upper
45	100		
43	61.9	49.5	74.3
87	23.5	18.8	28.2
59	10.8	8.6	13.0



#21
1,1-Dichloroethane
Concen: 17.386 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion:	63	Resp:	93521
Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.9	8.8
100	3.5	1.8	5.3

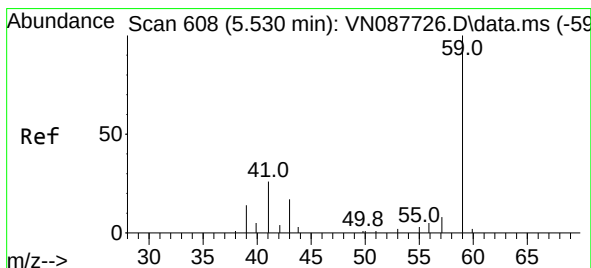
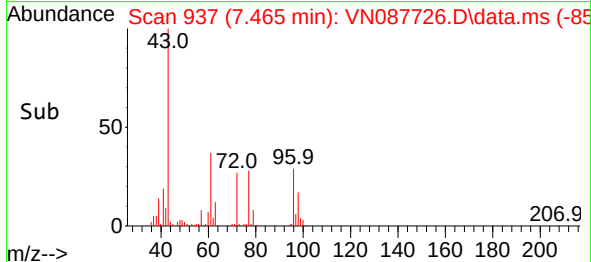
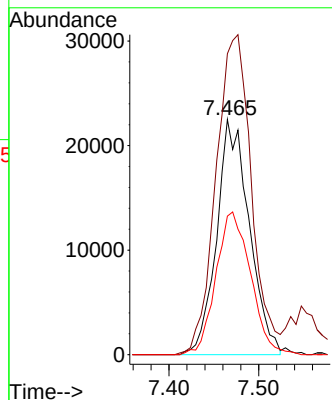
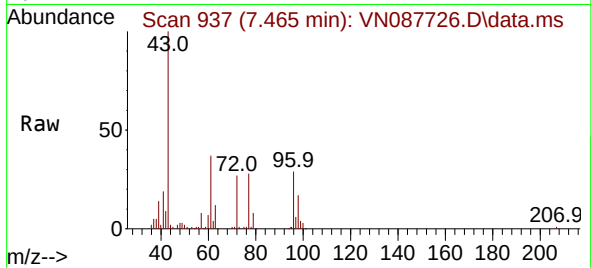




#22
 cis-1,2-Dichloroethene
 Concen: 17.275 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087726.D
 Acq: 04 Sep 2025 16:44

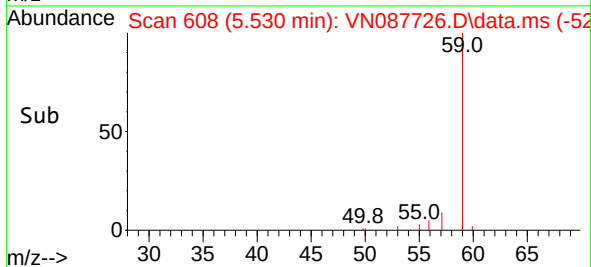
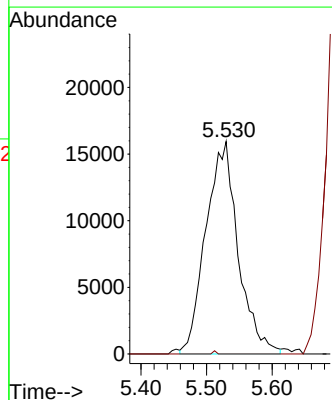
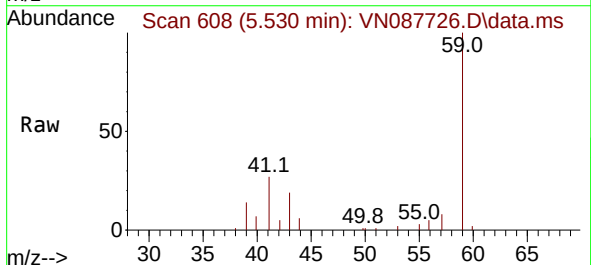
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

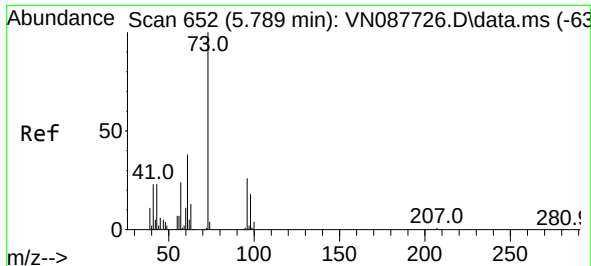
Tgt Ion: 96 Resp: 56746
 Ion Ratio Lower Upper
 96 100
 61 147.7 118.2 177.2
 98 64.5 51.6 77.4



#23
 tert-Butyl Alcohol
 Concen: 72.820 ug/l
 RT: 5.530 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VN087726.D
 Acq: 04 Sep 2025 16:44

Tgt Ion: 59 Resp: 54584
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

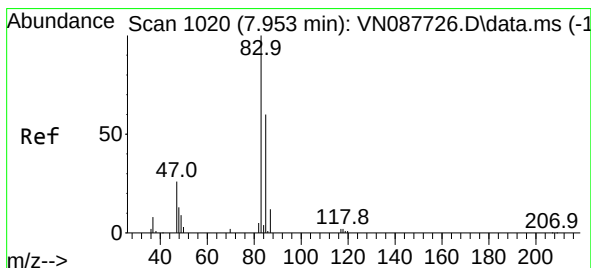
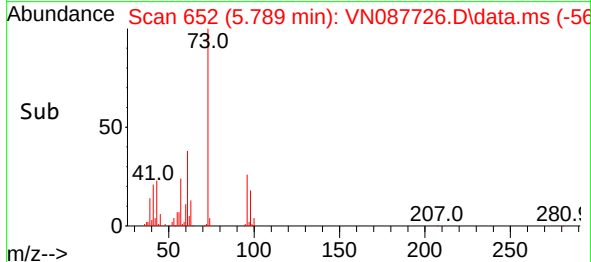
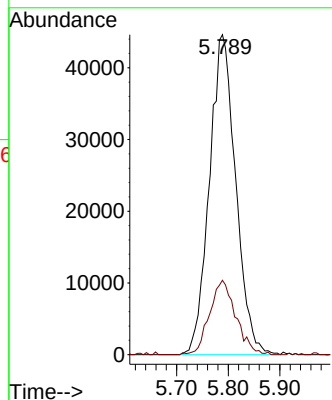
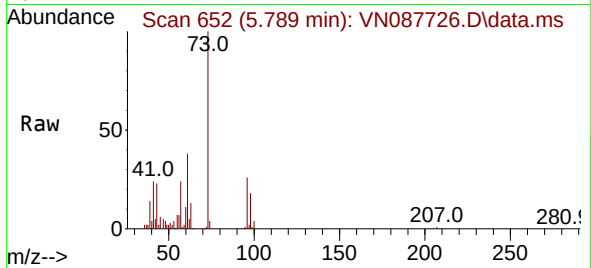




#24
Methyl tert-Butyl Ether
Concen: 15.680 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

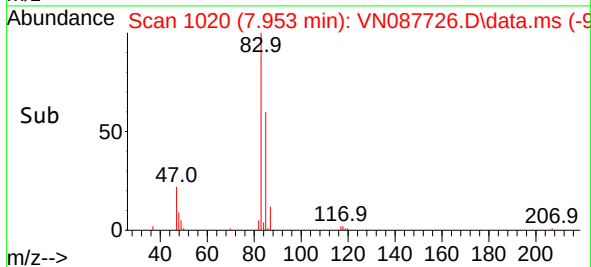
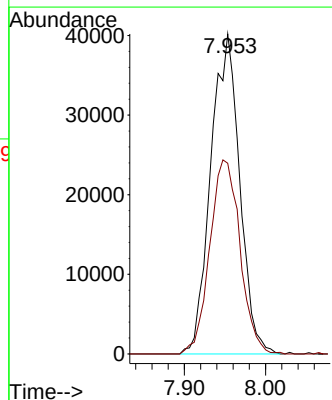
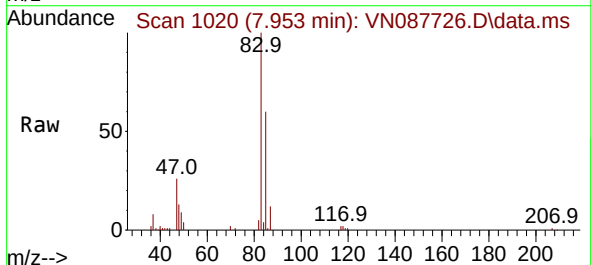
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

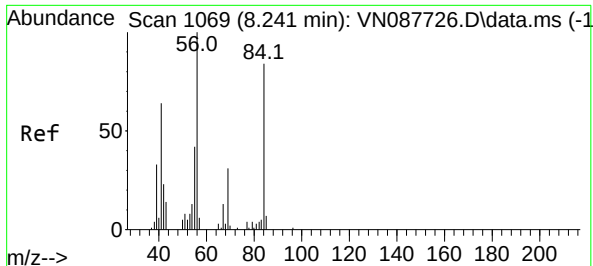
Tgt Ion: 73 Resp: 158036
Ion Ratio Lower Upper
73 100
43 21.0 16.8 25.2



#25
Chloroform
Concen: 17.558 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 83 Resp: 99433
Ion Ratio Lower Upper
83 100
85 59.6 47.7 71.5

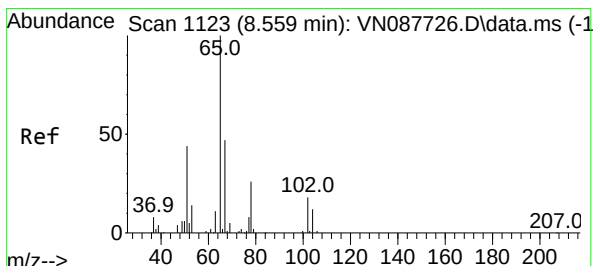
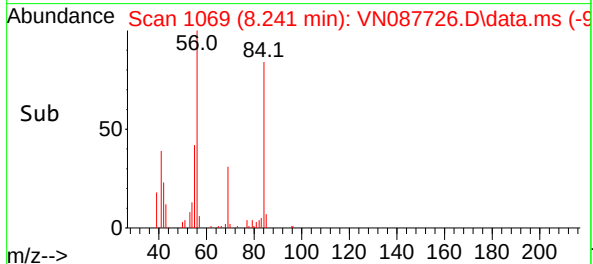
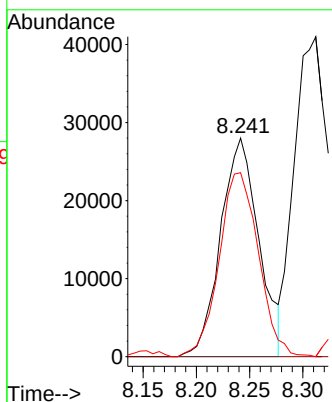
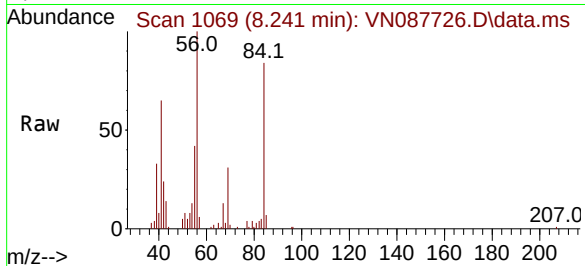




#26
Cyclohexane
Concen: 16.417 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

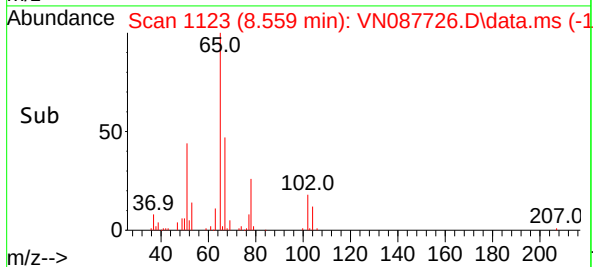
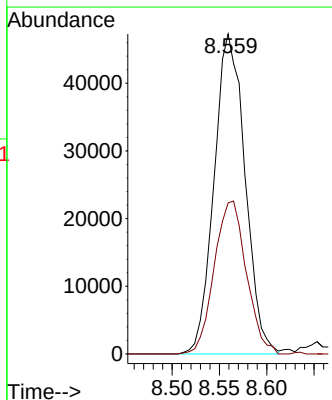
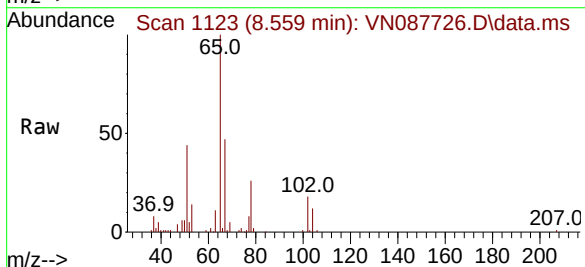
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

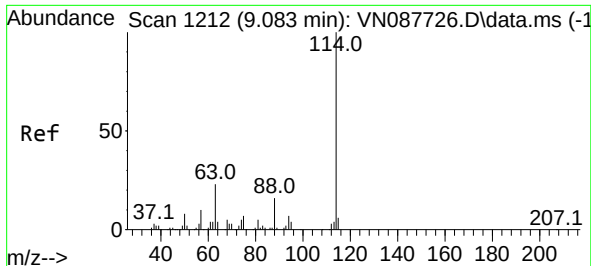
Tgt Ion: 56 Resp: 69837
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.8 69.4 104.2



#27
1,2-Dichloroethane-d4
Concen: 27.862 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 65 Resp: 107398
Ion Ratio Lower Upper
65 100
67 49.5 39.6 59.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

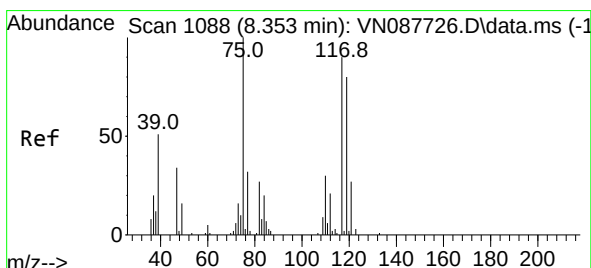
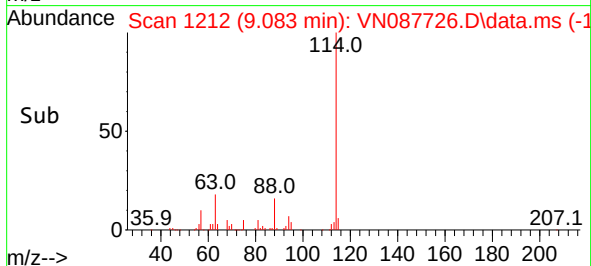
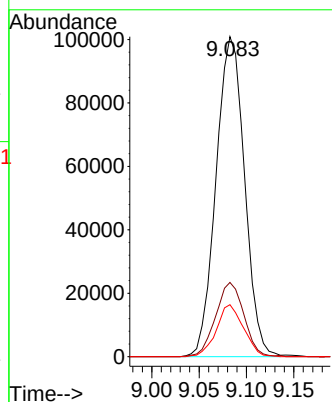
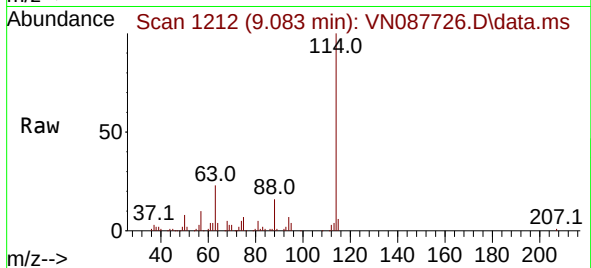
Tgt Ion:114 Resp: 211459

Ion Ratio Lower Upper

114 100

63 22.9 18.3 27.5

88 15.5 12.4 18.6



#29

1,1-Dichloropropene

Concen: 18.638 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

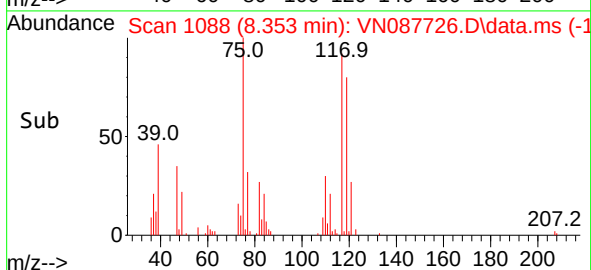
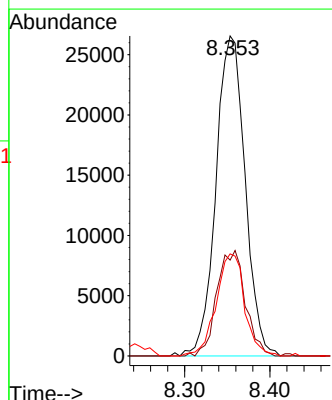
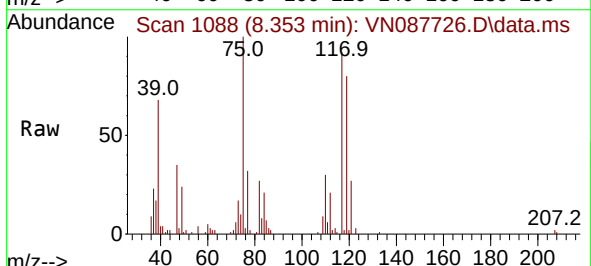
Tgt Ion: 75 Resp: 63171

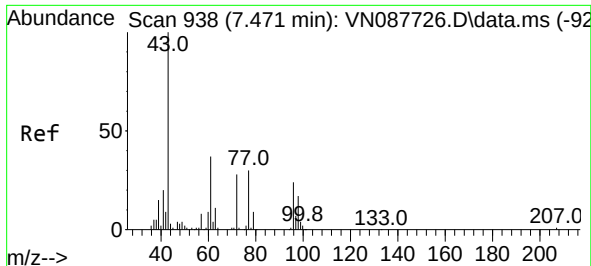
Ion Ratio Lower Upper

75 100

110 32.2 0.0 64.4

77 31.1 0.0 62.2

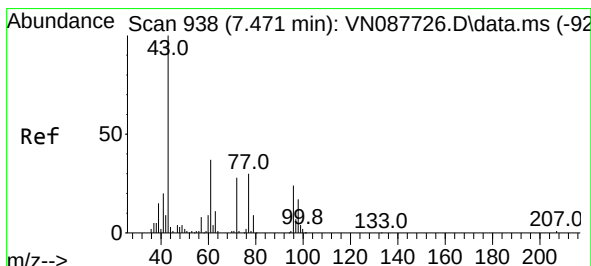
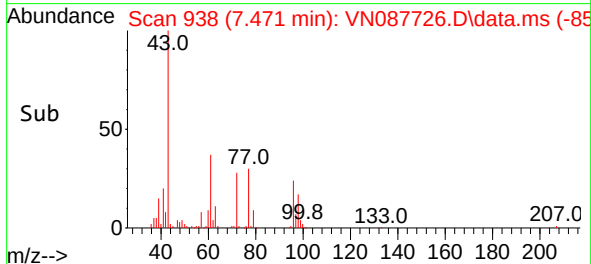
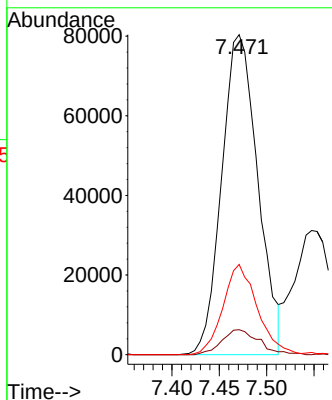
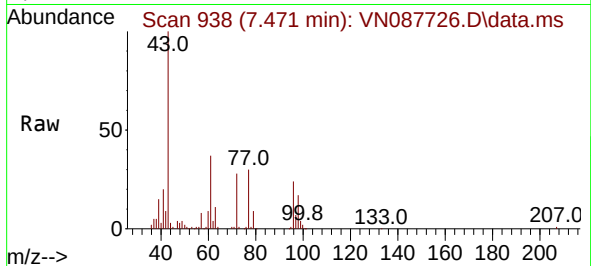




#30
2-Butanone
Concen: 86.904 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

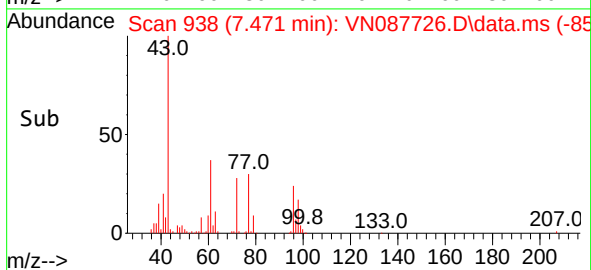
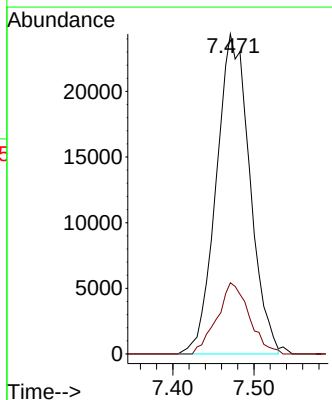
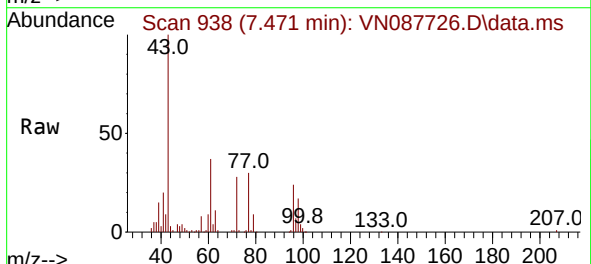
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

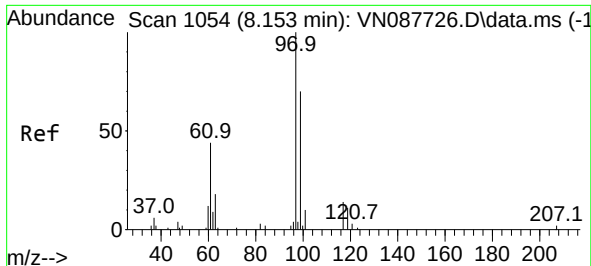
Tgt Ion: 43 Resp: 213338
Ion Ratio Lower Upper
43 100
57 7.9 6.3 9.5
72 26.8 21.4 32.2



#31
2,2-Dichloropropane
Concen: 16.445 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 77 Resp: 69833
Ion Ratio Lower Upper
77 100
97 21.4 17.1 25.7

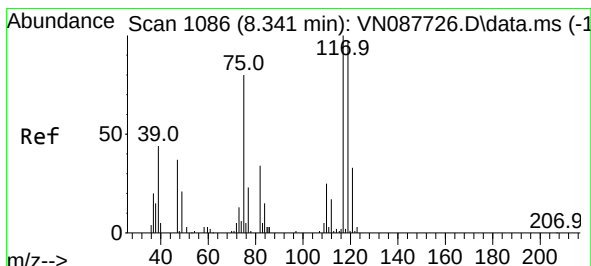
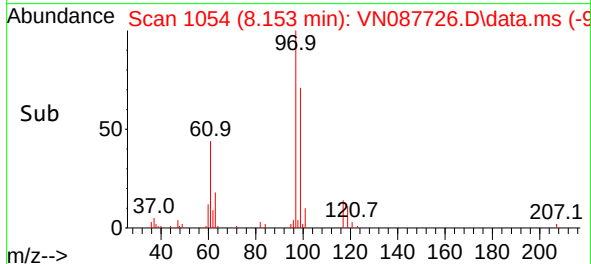
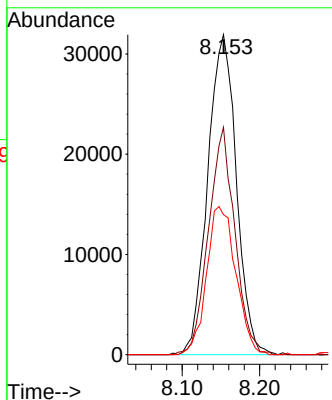
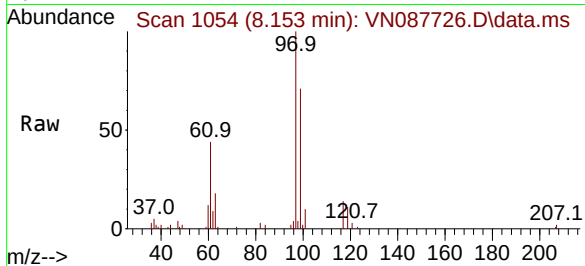




#32
1,1,1-Trichloroethane
Concen: 18.860 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

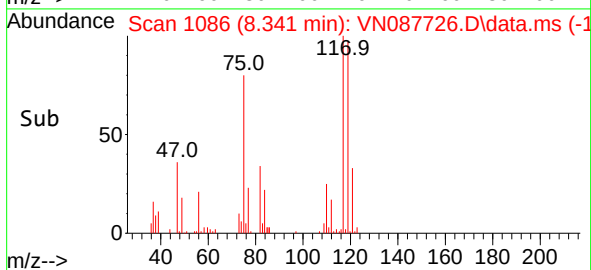
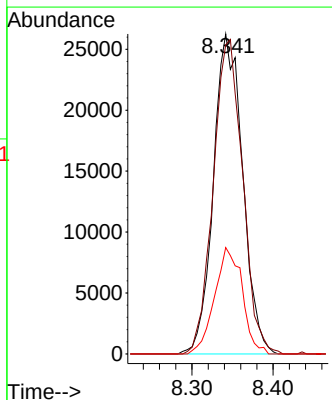
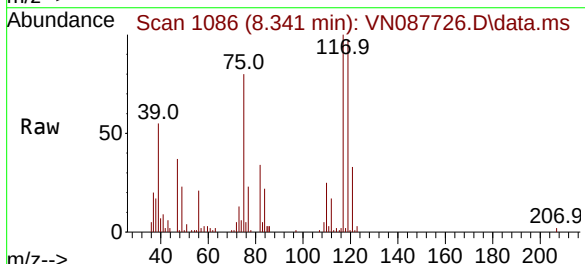
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

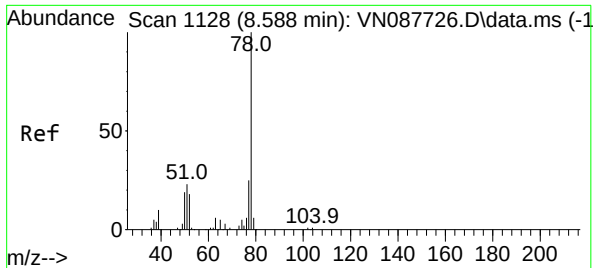
Tgt Ion:	97	Resp:	81988
Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.2	78.4
61	47.4	37.9	56.9



#33
Carbon Tetrachloride
Concen: 18.352 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion:	117	Resp:	65653
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.3	115.9
121	33.2	26.6	39.8

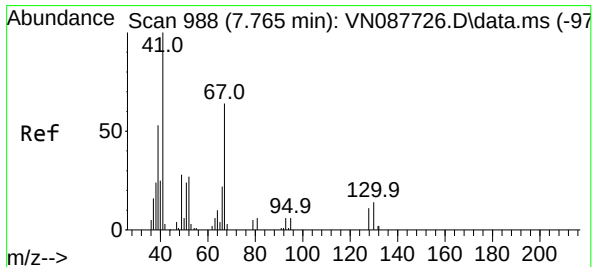
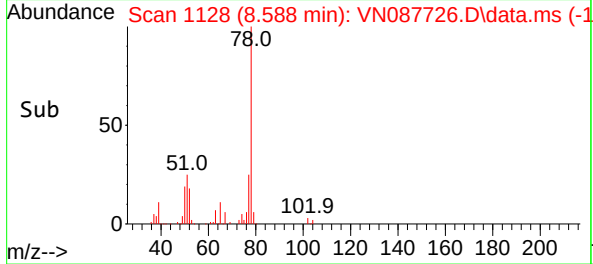
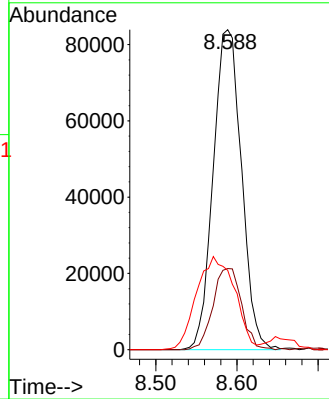
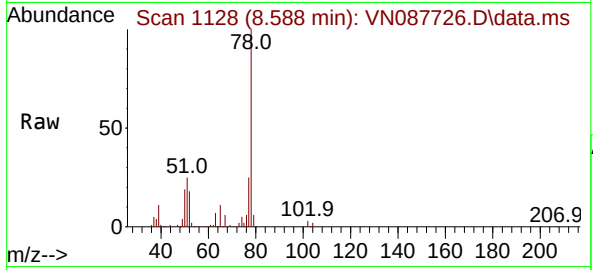




#34
Benzene
Concen: 18.914 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

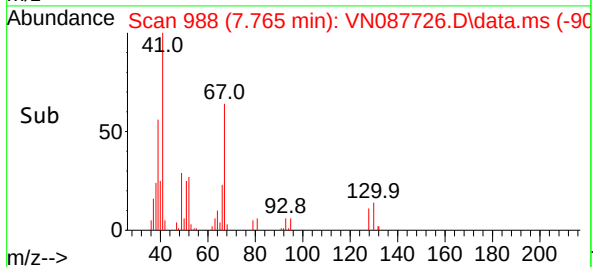
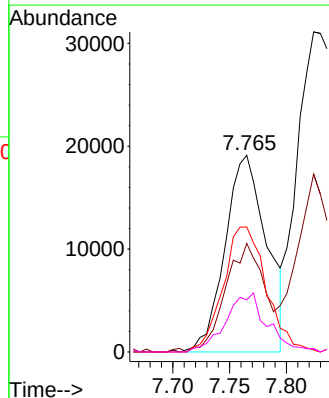
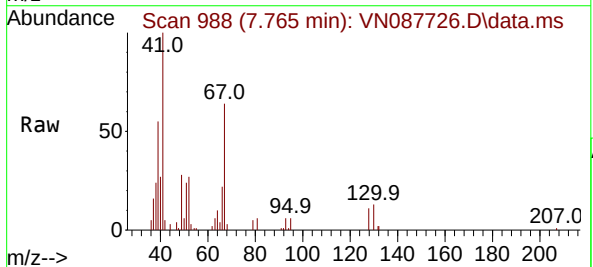
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

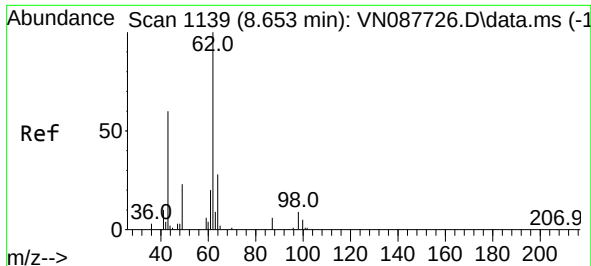
Tgt Ion: 78 Resp: 203295
Ion Ratio Lower Upper
78 100
77 25.4 20.3 30.5
51 22.5 18.0 27.0



#35
Methacrylonitrile
Concen: 18.198 ug/l
RT: 7.765 min Scan# 988
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 41 Resp: 48528
Ion Ratio Lower Upper
41 100
39 54.1 27.1 81.2
67 64.3 32.1 96.5
52 26.9 13.5 40.4





#36

1,2-Dichloroethane

Concen: 18.230 ug/l

RT: 8.653 min Scan# 1139

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

Instrument :

MSVOA_N

ClientSampleId :

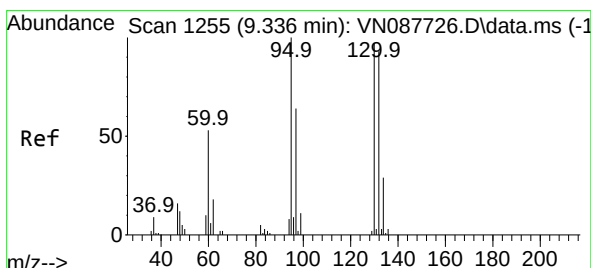
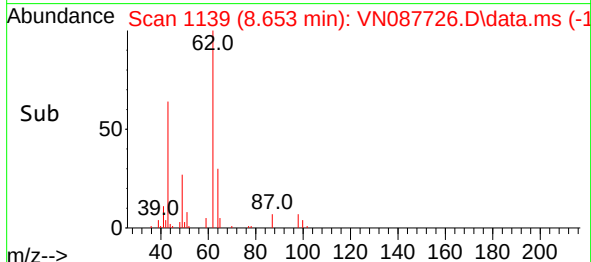
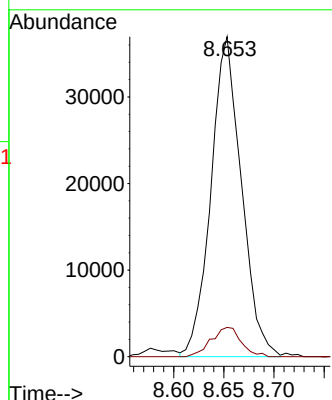
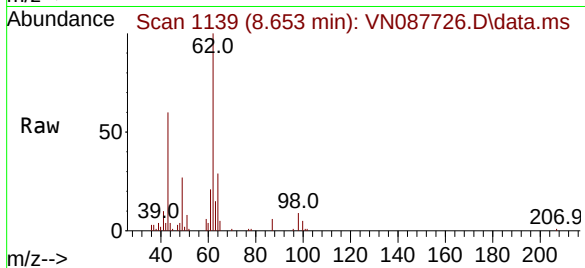
VSTDICCC020

Tgt Ion: 62 Resp: 78112

Ion Ratio Lower Upper

62 100

98 9.0 7.2 10.8



#37

Trichloroethene

Concen: 19.215 ug/l

RT: 9.336 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087726.D

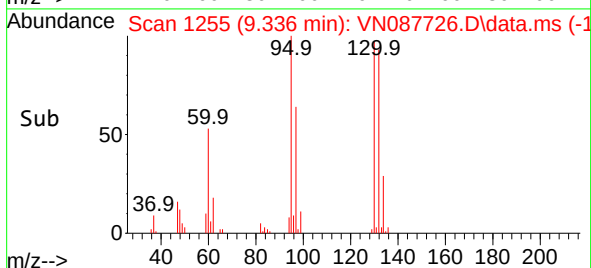
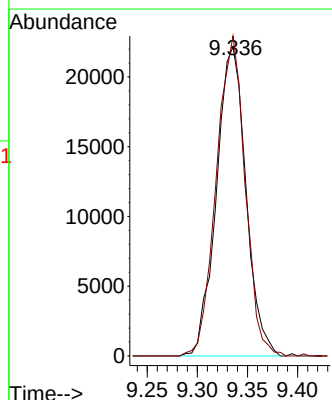
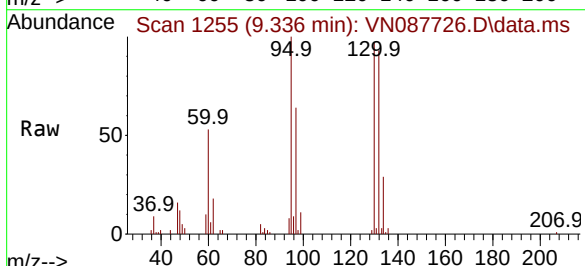
Acq: 04 Sep 2025 16:44

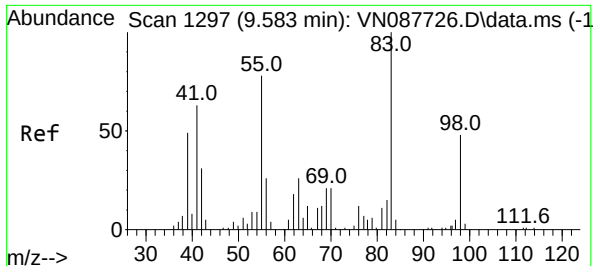
Tgt Ion:130 Resp: 45484

Ion Ratio Lower Upper

130 100

95 103.4 82.7 124.1





#38

Methylcyclohexane

Concen: 17.371 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

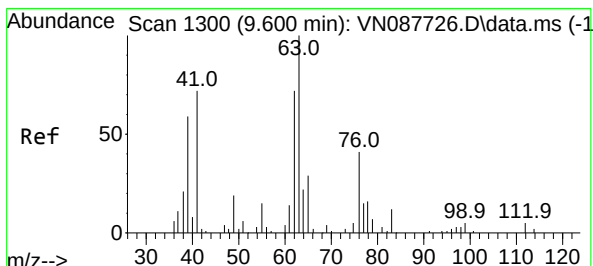
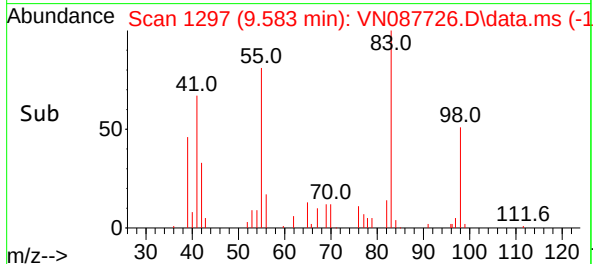
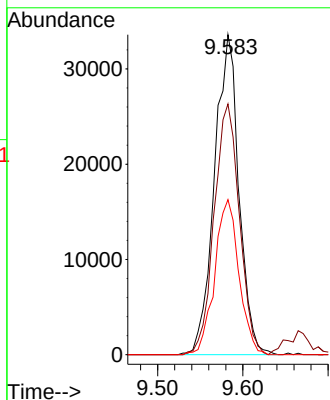
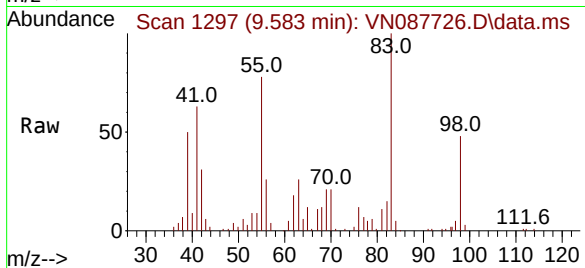
Tgt Ion: 83 Resp: 67168

Ion Ratio Lower Upper

83 100

55 80.7 40.4 121.1

98 48.0 24.0 72.0



#39

1,2-Dichloropropane

Concen: 19.162 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087726.D

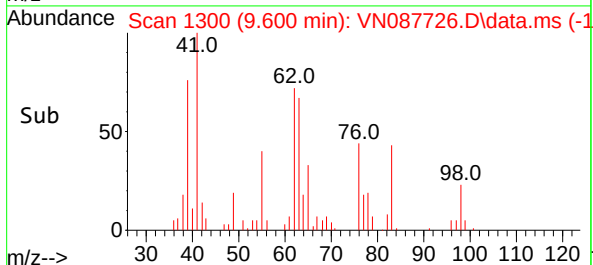
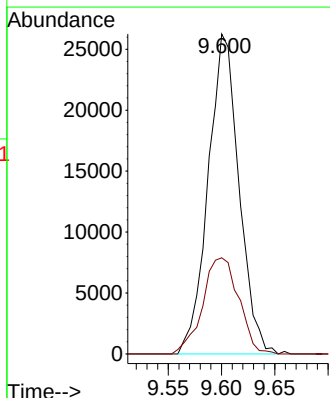
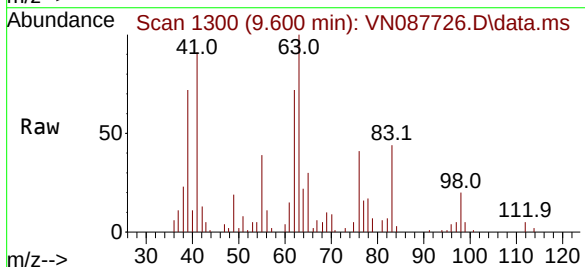
Acq: 04 Sep 2025 16:44

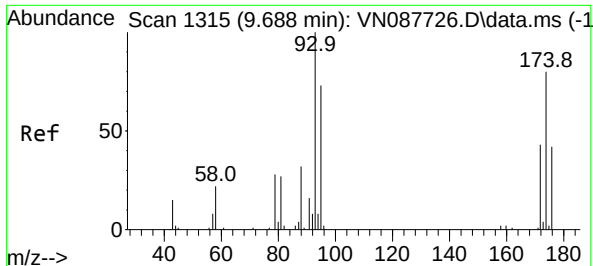
Tgt Ion: 63 Resp: 52783

Ion Ratio Lower Upper

63 100

65 30.1 24.1 36.1

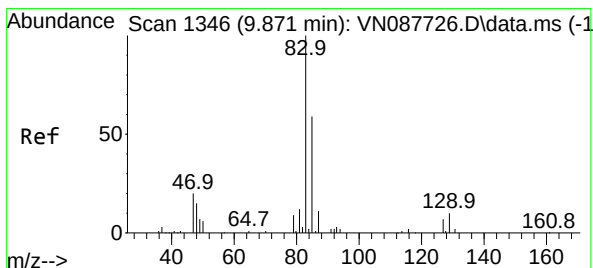
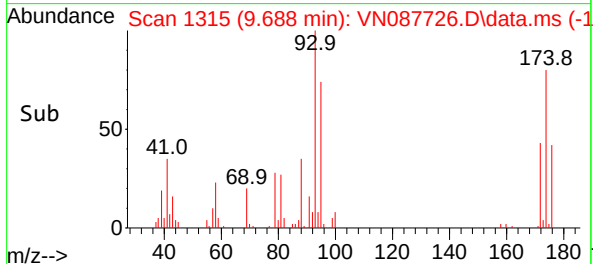
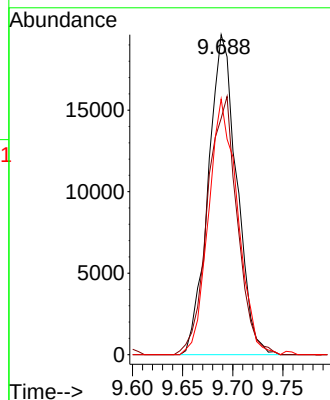
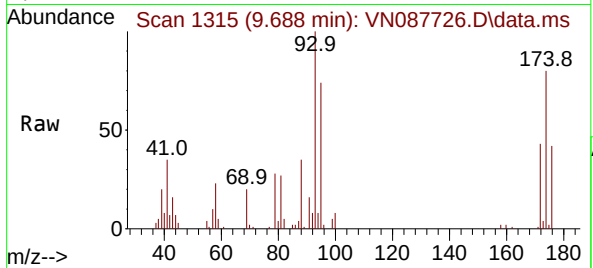




#40
Dibromomethane
Concen: 18.828 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

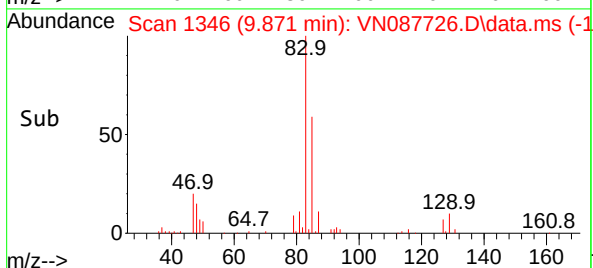
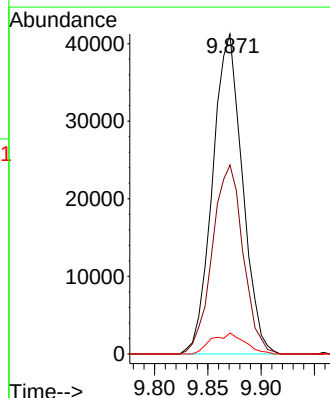
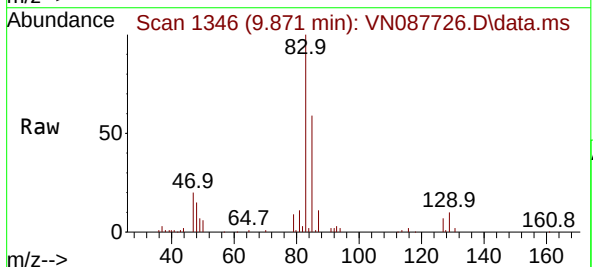
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

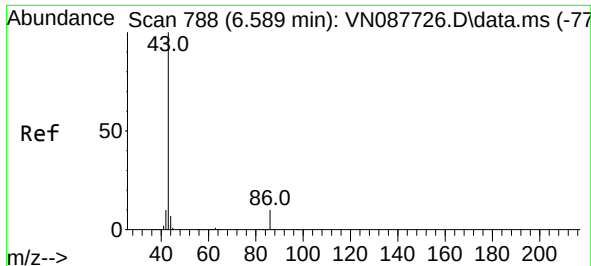
Tgt Ion: 93 Resp: 38777
Ion Ratio Lower Upper
93 100
95 84.2 0.0 168.4
174 81.4 0.0 162.8



#41
Bromodichloromethane
Concen: 18.694 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 83 Resp: 80402
Ion Ratio Lower Upper
83 100
85 59.1 47.3 70.9
127 6.5 5.2 7.8

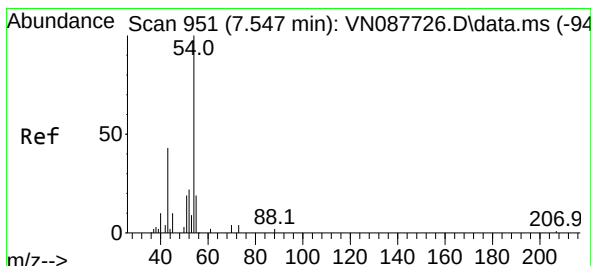
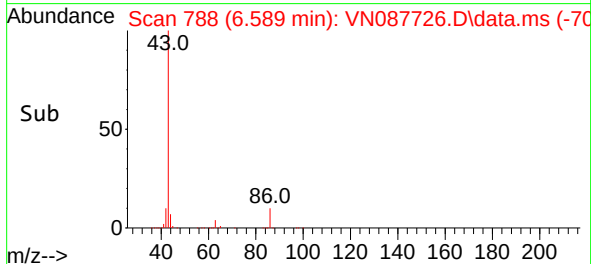
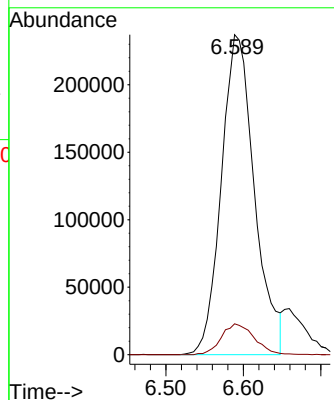
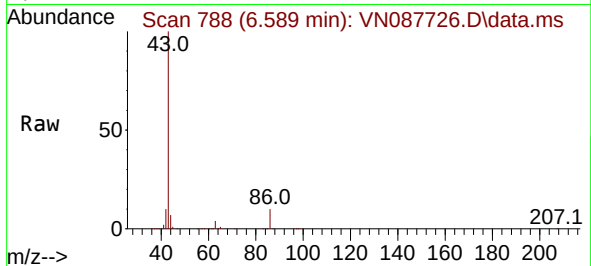




#42
 Vinyl Acetate
 Concen: 87.467 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087726.D
 Acq: 04 Sep 2025 16:44

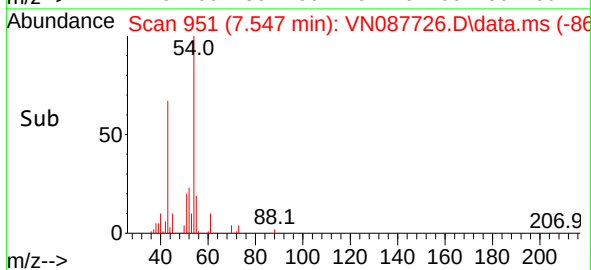
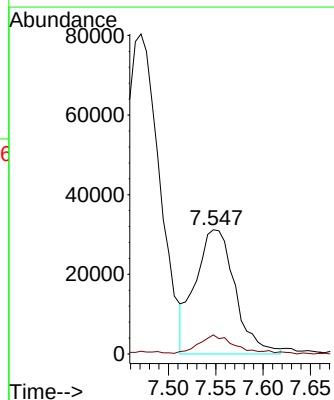
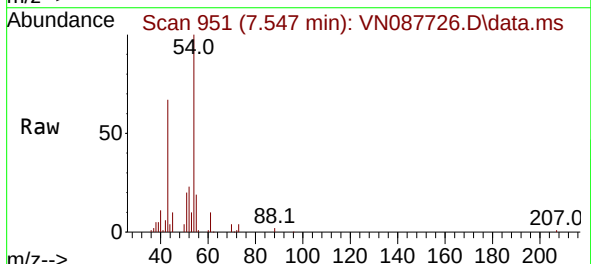
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

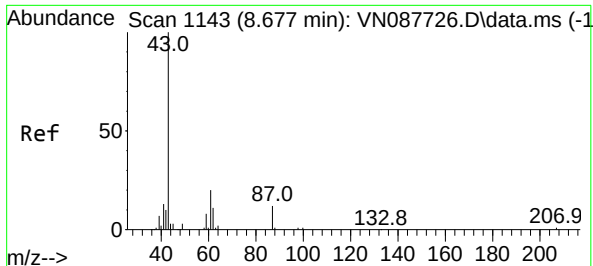
Tgt Ion: 43 Resp: 706403
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5



#43
 Ethyl Acetate
 Concen: 18.839 ug/l
 RT: 7.547 min Scan# 951
 Delta R.T. 0.000 min
 Lab File: VN087726.D
 Acq: 04 Sep 2025 16:44

Tgt Ion: 43 Resp: 91142
 Ion Ratio Lower Upper
 43 100
 45 13.1 10.5 15.7





#44

Isopropyl Acetate

Concen: 17.422 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

Instrument :

MSVOA_N

ClientSampleId :

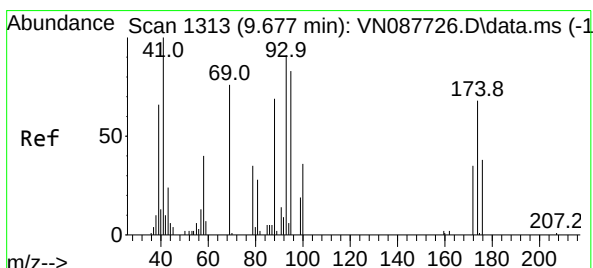
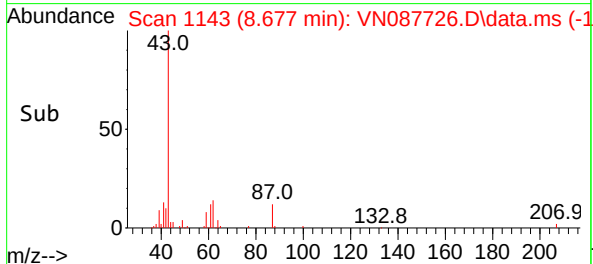
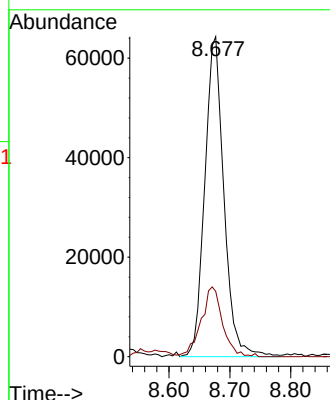
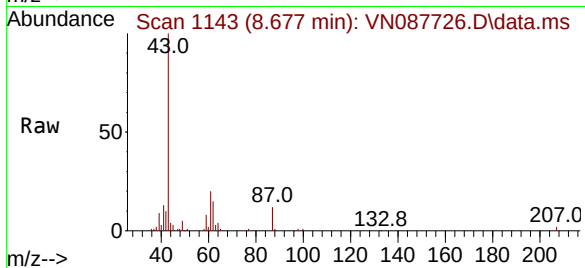
VSTDICCC020

Tgt Ion: 43 Resp: 140215

Ion Ratio Lower Upper

43 100

61 24.4 19.5 29.3



#45

1,4-Dioxane

Concen: 363.739 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

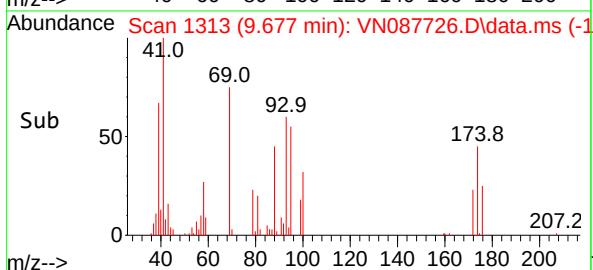
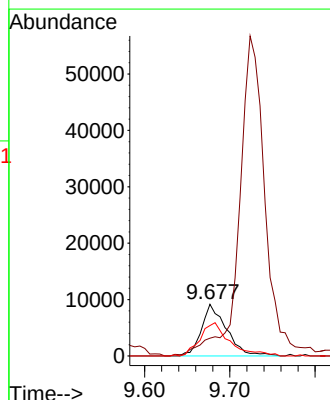
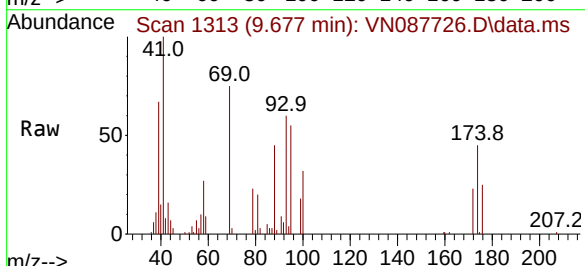
Tgt Ion: 88 Resp: 18742

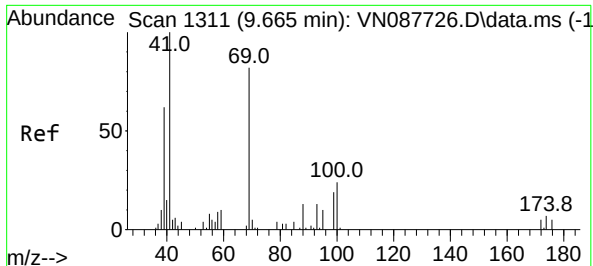
Ion Ratio Lower Upper

88 100

43 29.5 23.6 35.4

58 75.6 60.5 90.7

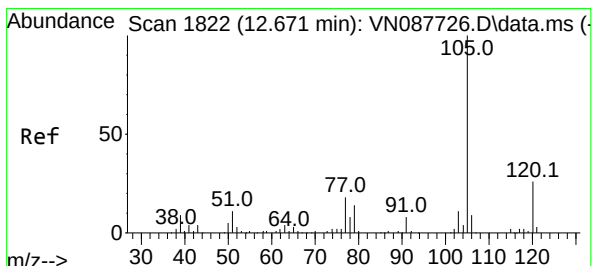
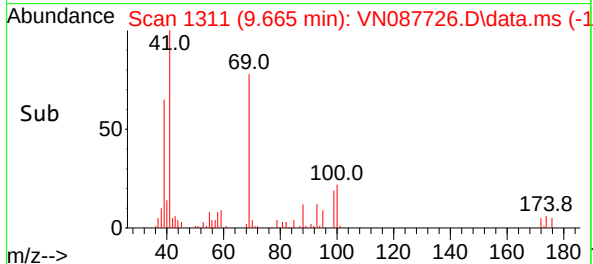
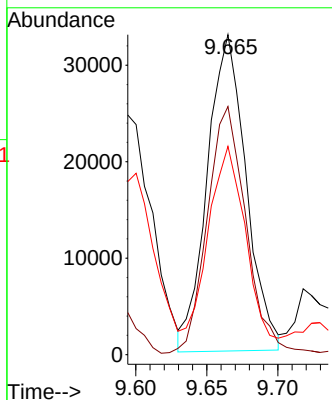
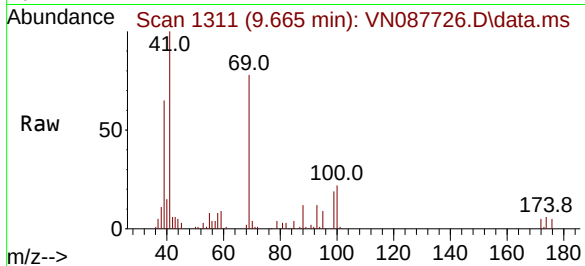




#46
Methyl methacrylate
Concen: 16.572 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

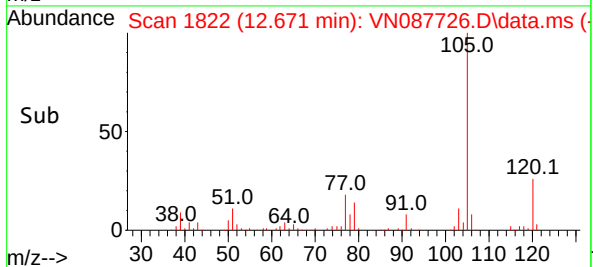
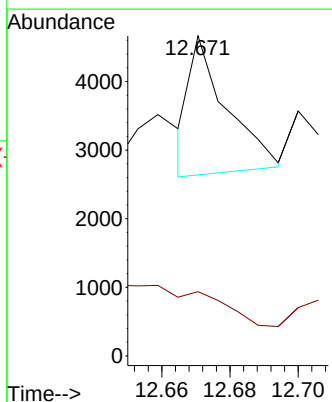
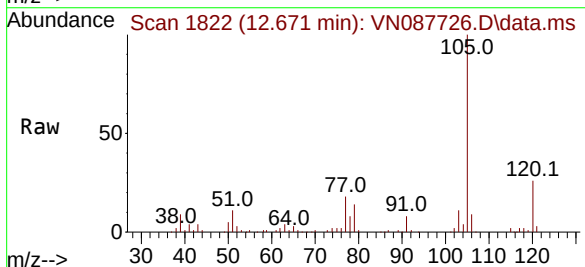
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

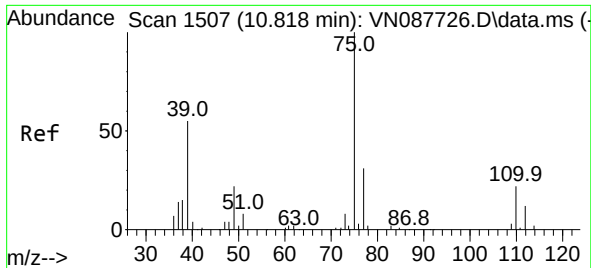
Tgt Ion: 41 Resp: 62431
Ion Ratio Lower Upper
41 100
69 80.6 40.3 120.9
39 63.9 31.9 95.9



#47
n-amy1 Acetate
Concen: 0.330 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 43 Resp: 1542
Ion Ratio Lower Upper
43 100
55 0.0 0.7 1.1#

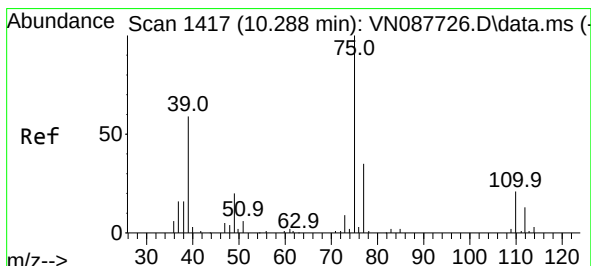
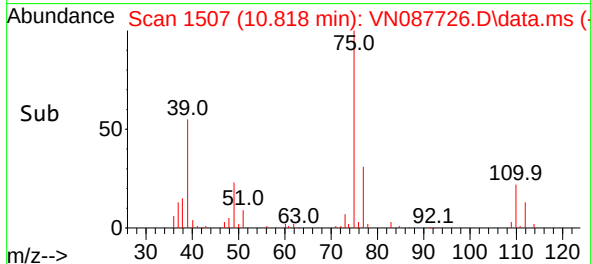
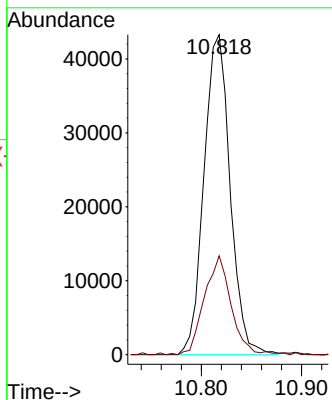
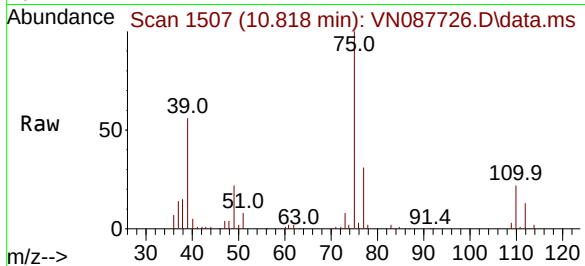




#48
 t-1,3-Dichloropropene
 Concen: 17.108 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN087726.D
 Acq: 04 Sep 2025 16:44

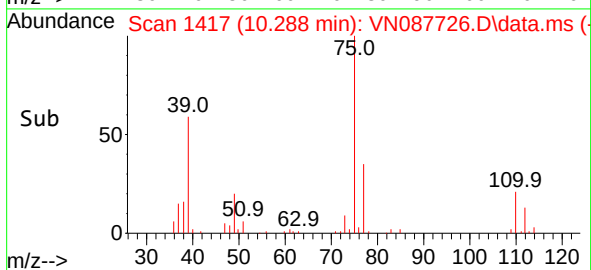
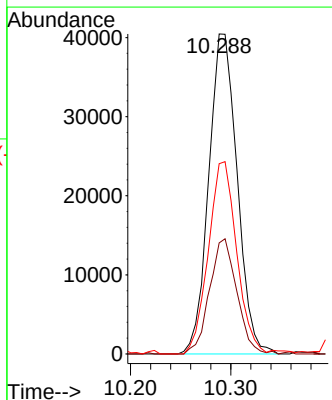
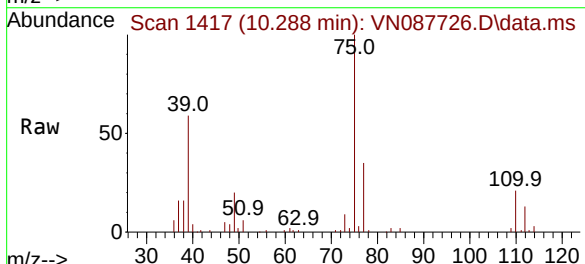
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

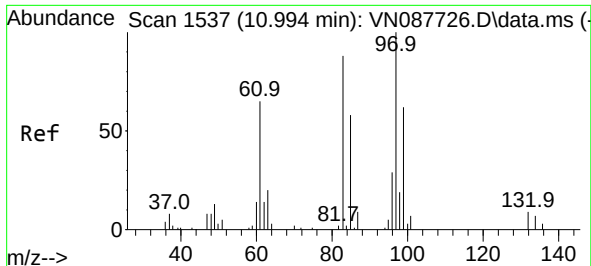
Tgt Ion: 75 Resp: 78438
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.7 37.1



#49
 cis-1,3-Dichloropropene
 Concen: 17.252 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VN087726.D
 Acq: 04 Sep 2025 16:44

Tgt Ion: 75 Resp: 79831
 Ion Ratio Lower Upper
 75 100
 77 34.7 27.8 41.6
 39 59.5 47.6 71.4

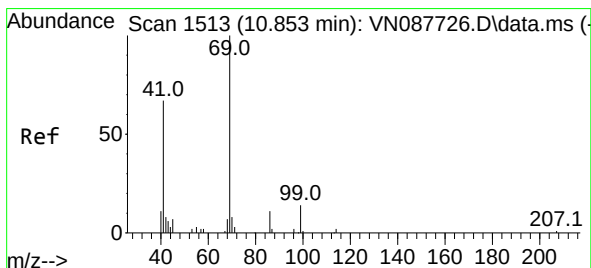
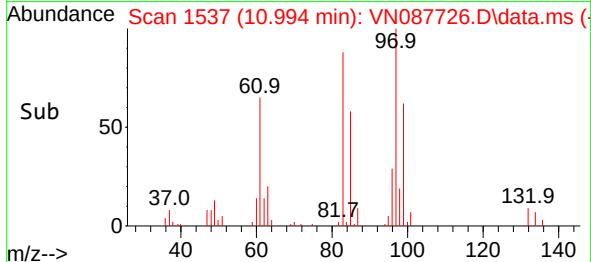
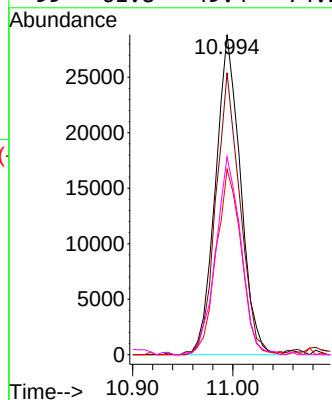
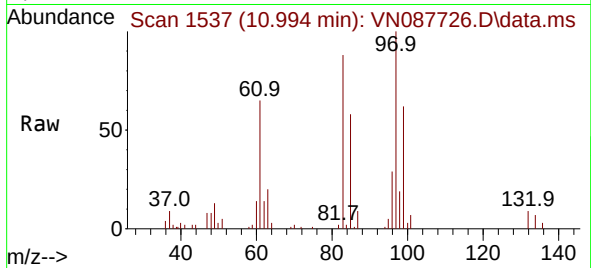




#50
1,1,2-Trichloroethane
Concen: 19.075 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

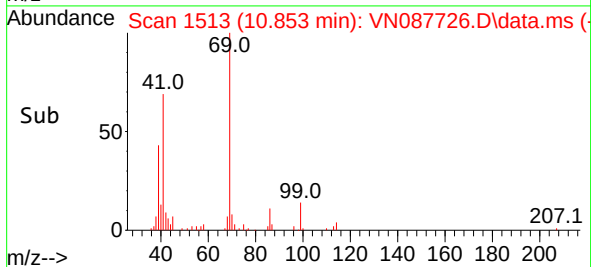
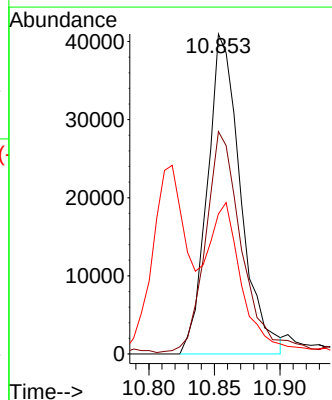
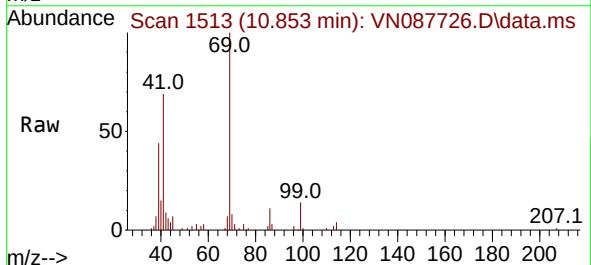
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

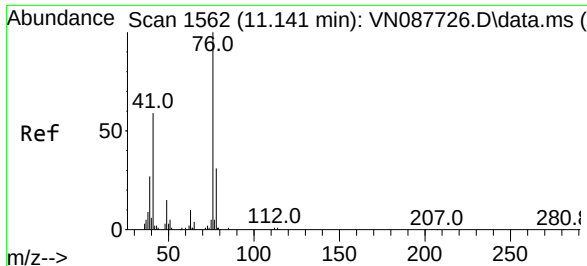
Tgt Ion:	97	Resp:	49901
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.5	105.7
85	57.9	46.3	69.5
99	61.8	49.4	74.2



#51
Ethyl methacrylate
Concen: 16.207 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion:	69	Resp:	72347
Ion	Ratio	Lower	Upper
69	100		
41	67.3	33.7	101.0
39	40.6	20.3	60.9

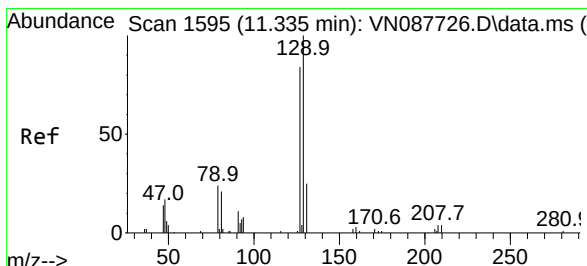
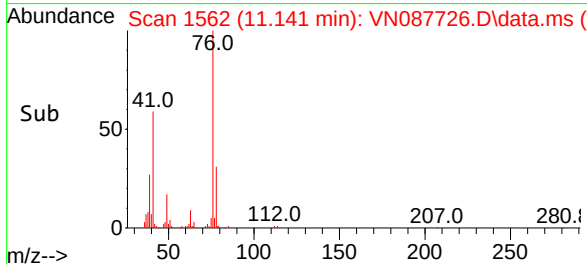
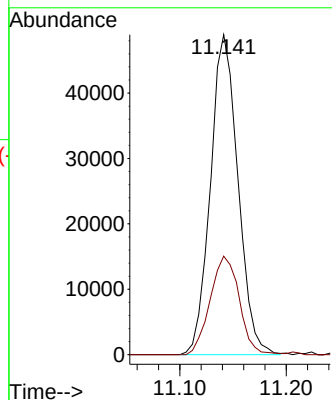
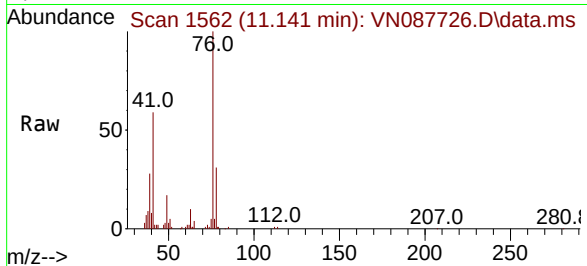




#52
1,3-Dichloropropane
Concen: 18.729 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

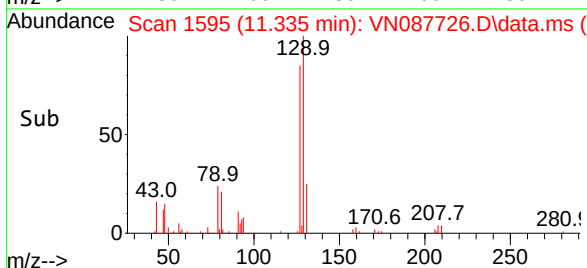
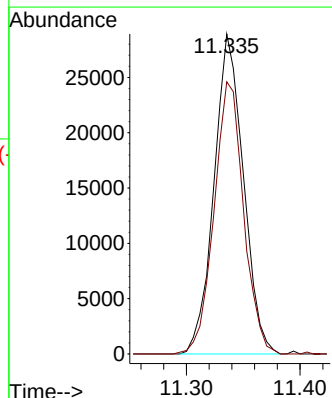
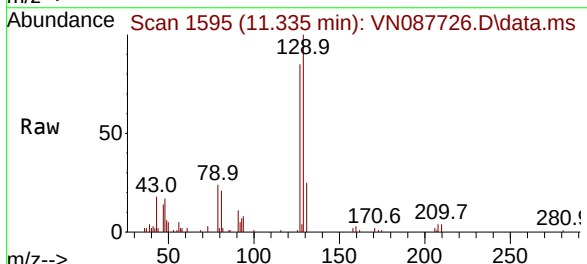
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

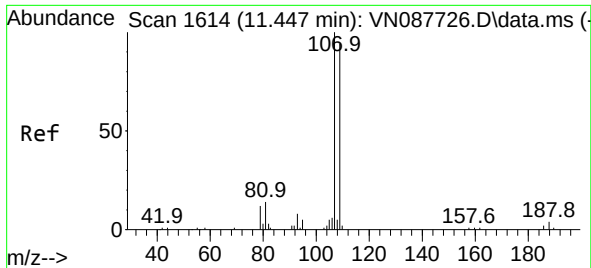
Tgt Ion: 76 Resp: 87839
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.2



#53
Dibromochloromethane
Concen: 17.456 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 129 Resp: 51982
Ion Ratio Lower Upper
129 100
127 85.3 42.6 128.0

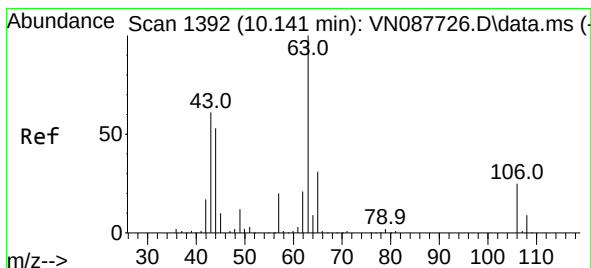
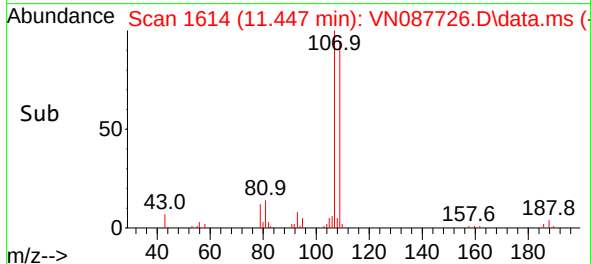
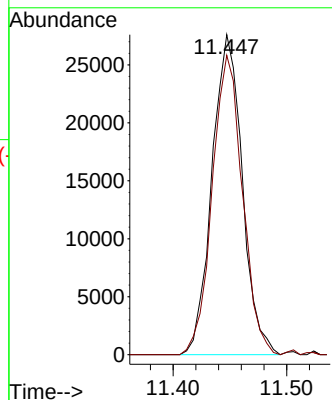
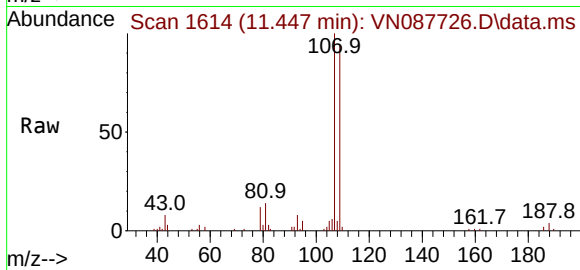




#54
1,2-Dibromoethane
Concen: 18.556 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

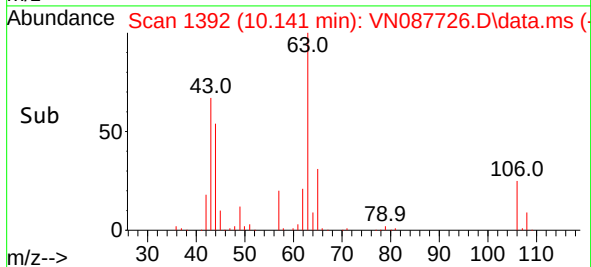
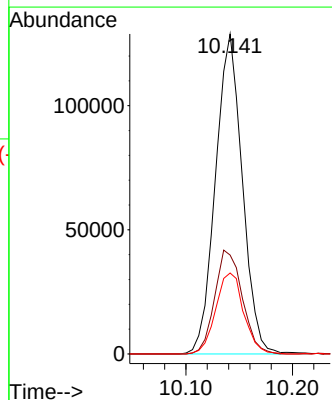
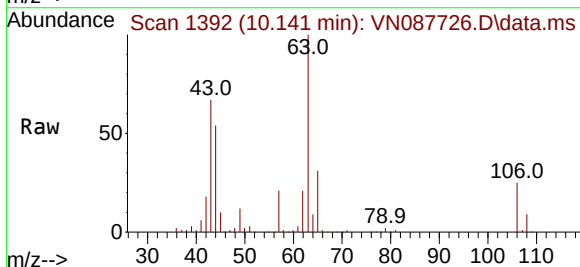
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

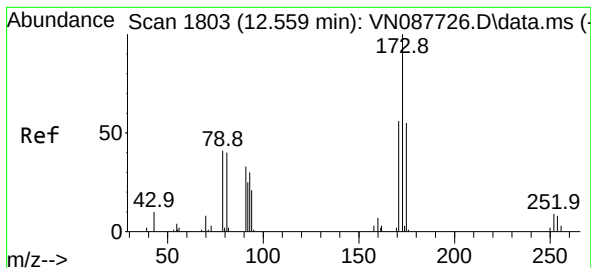
Tgt Ion:107 Resp: 51152
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0



#55
2-Chloroethyl vinyl ether
Concen: 93.348 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 63 Resp: 225137
Ion Ratio Lower Upper
63 100
65 33.3 26.6 40.0
106 26.4 21.1 31.7





#56

Bromoform

Concen: 17.274 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

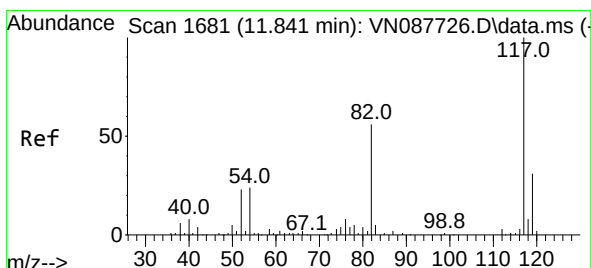
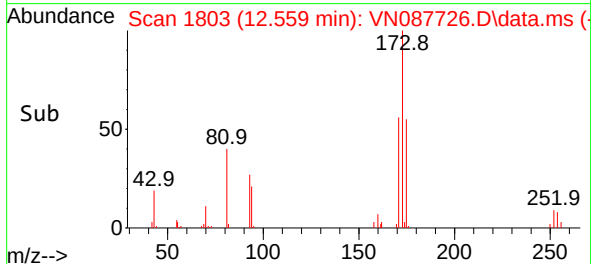
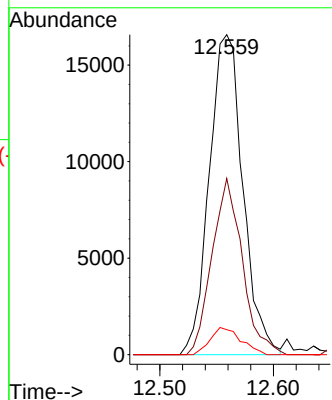
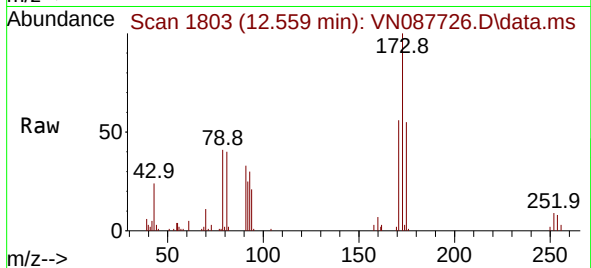
Tgt Ion:173 Resp: 34081

Ion Ratio Lower Upper

173 100

175 49.7 39.8 59.6

254 7.8 6.2 9.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.841 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

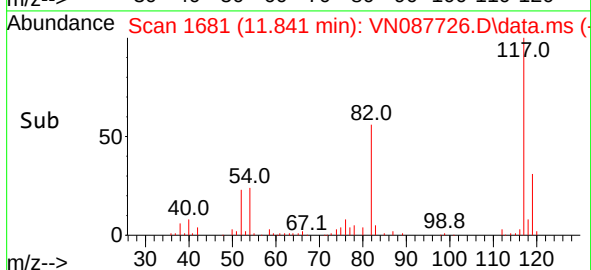
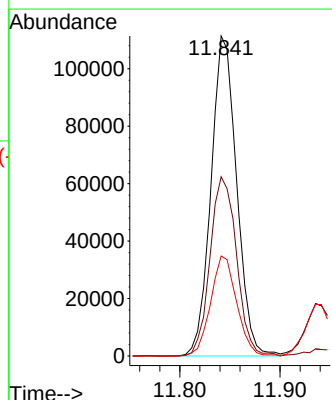
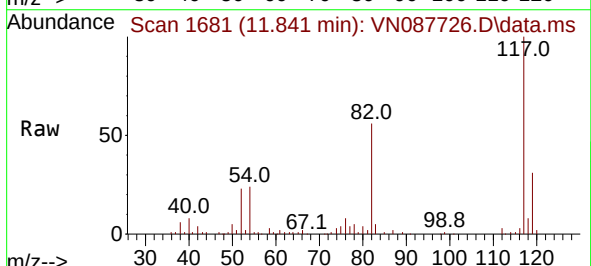
Tgt Ion:117 Resp: 198266

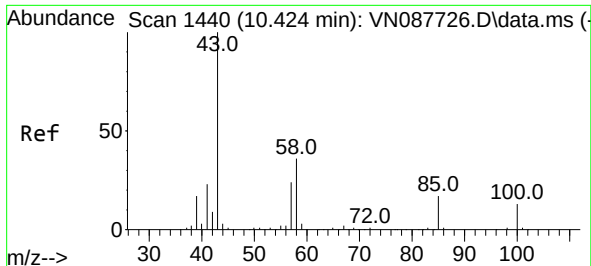
Ion Ratio Lower Upper

117 100

82 57.4 45.9 68.9

119 31.6 25.3 37.9

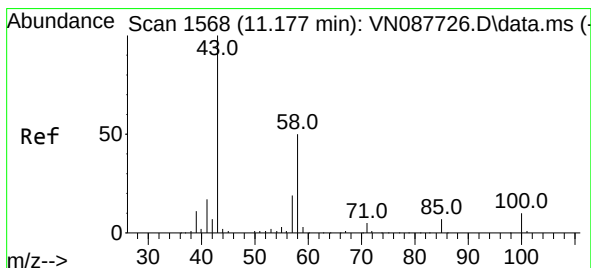
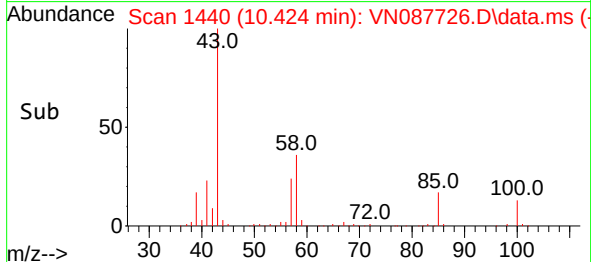
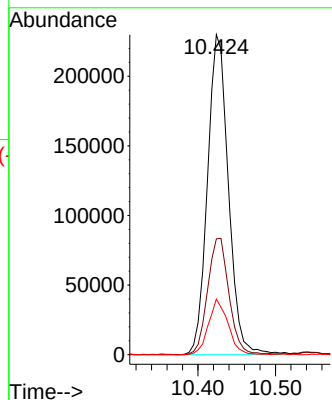
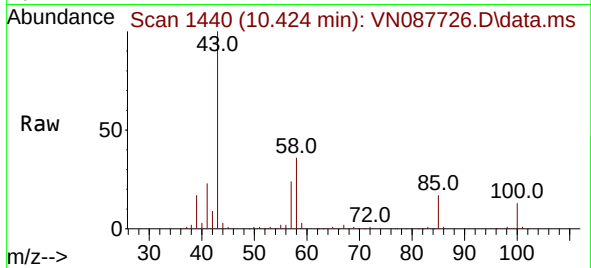




#58
4-Methyl-2-Pentanone
Concen: 88.189 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

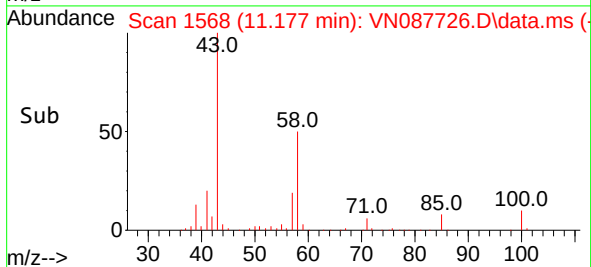
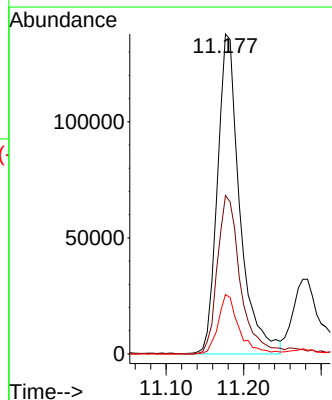
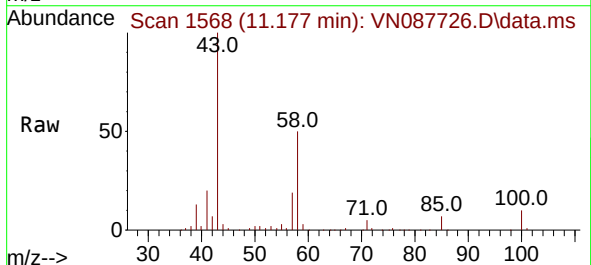
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

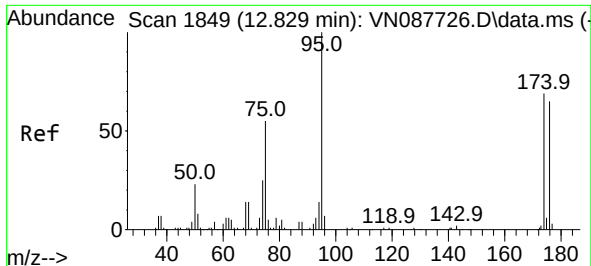
Tgt Ion: 43 Resp: 432636
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4
85 16.2 13.0 19.4



#59
2-Hexanone
Concen: 83.339 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 43 Resp: 276879
Ion Ratio Lower Upper
43 100
58 50.3 40.2 60.4
57 17.1 13.7 20.5

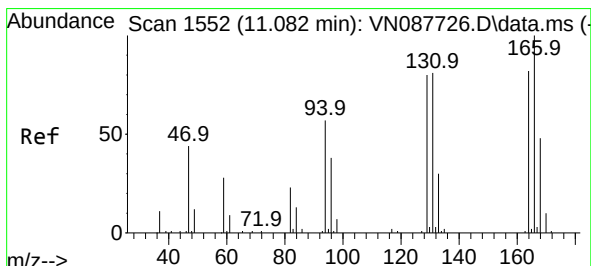
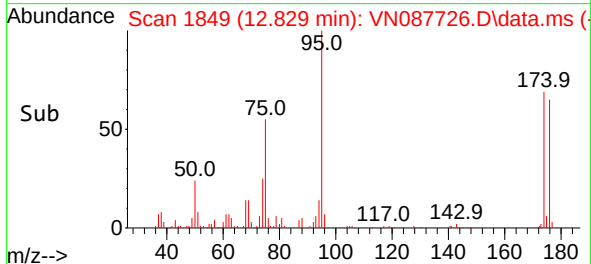
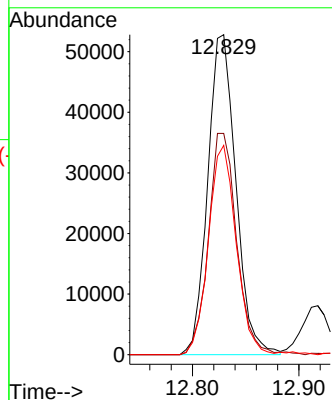
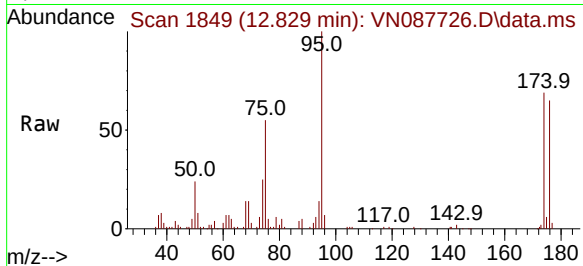




#60
4-Bromofluorobenzene
Concen: 28.768 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

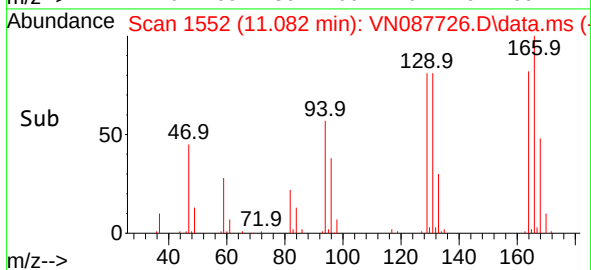
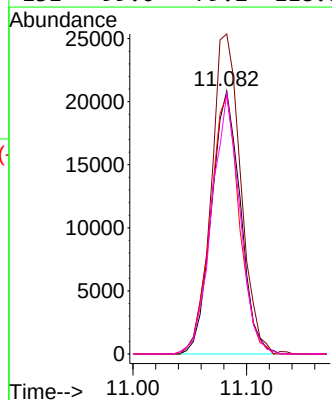
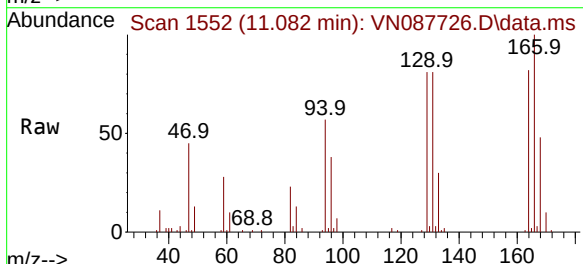
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

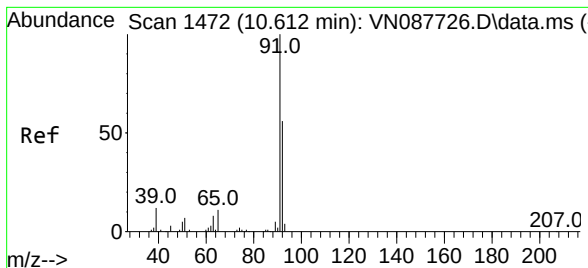
Tgt Ion: 95 Resp: 96997
Ion Ratio Lower Upper
95 100
174 69.2 55.4 83.0
176 64.4 51.5 77.3



#61
Tetrachloroethene
Concen: 19.253 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion:164 Resp: 36848
Ion Ratio Lower Upper
164 100
166 121.6 97.3 145.9
129 98.2 78.6 117.8
131 99.0 79.2 118.8





#62

Toluene

Concen: 18.530 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

Instrument :

MSVOA_N

ClientSampleId :

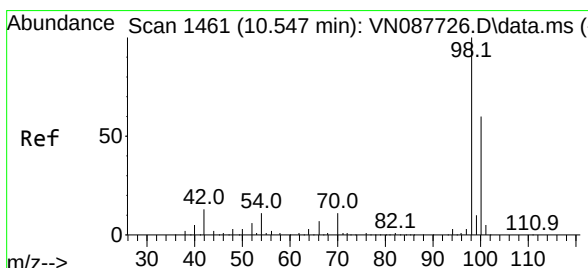
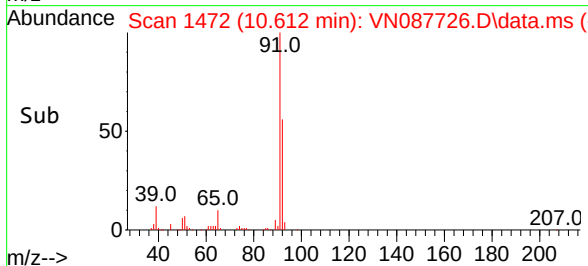
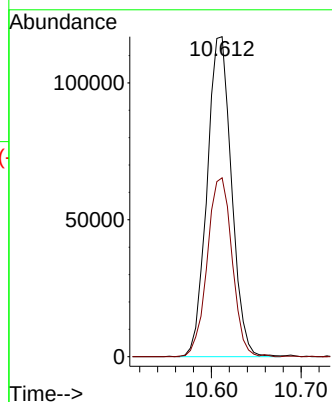
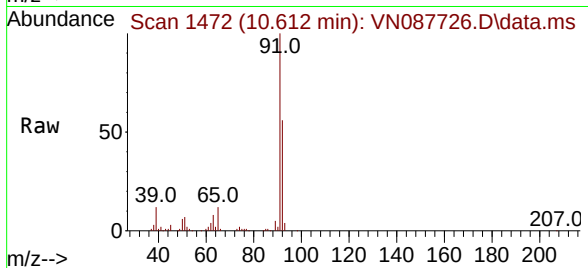
VSTDICCC020

Tgt Ion: 91 Resp: 221067

Ion Ratio Lower Upper

91 100

92 56.7 45.4 68.0



#63

Toluene-d8

Concen: 30.528 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087726.D

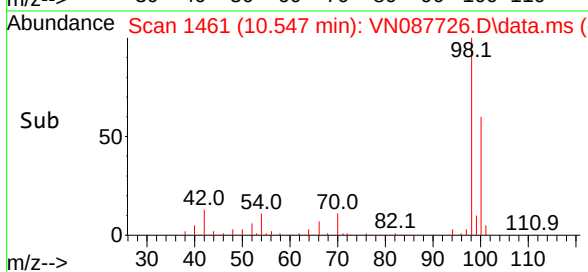
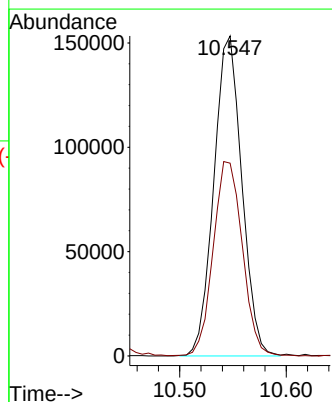
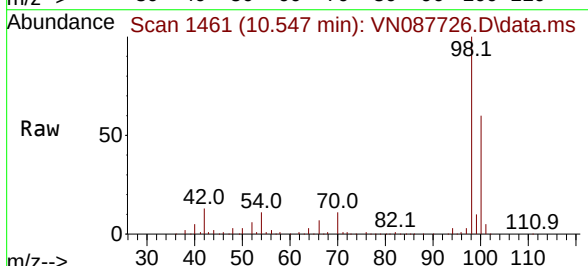
Acq: 04 Sep 2025 16:44

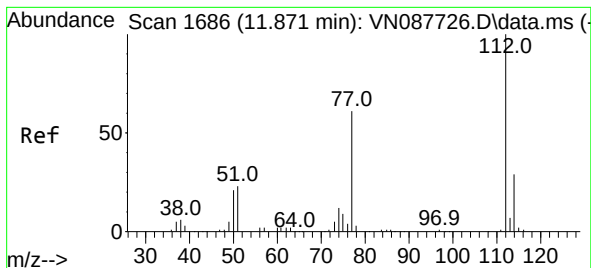
Tgt Ion: 98 Resp: 279660

Ion Ratio Lower Upper

98 100

100 63.3 50.6 76.0

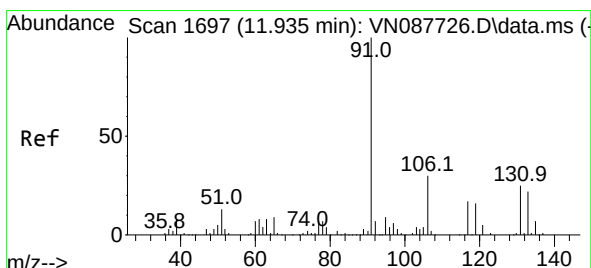
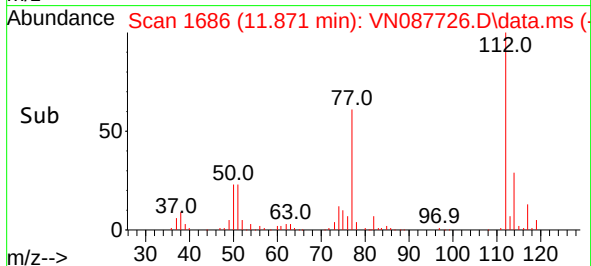
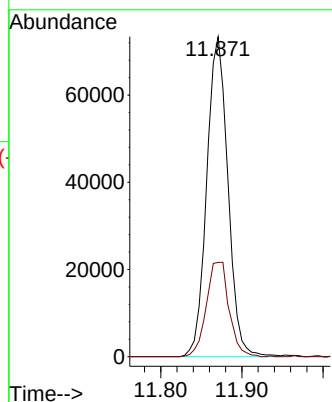
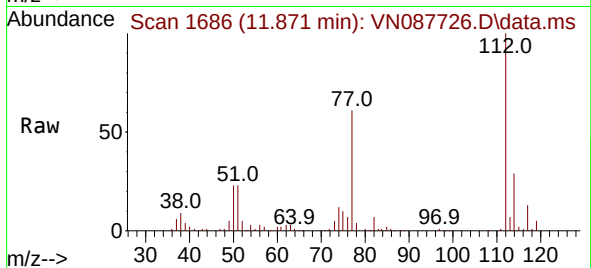




#64
Chlorobenzene
Concen: 18.156 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

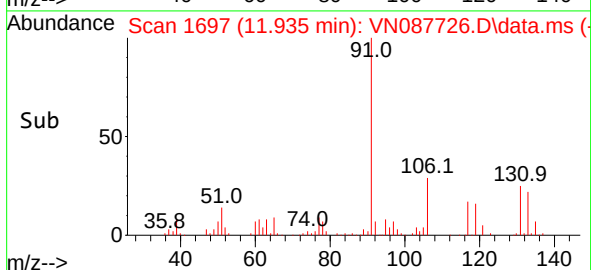
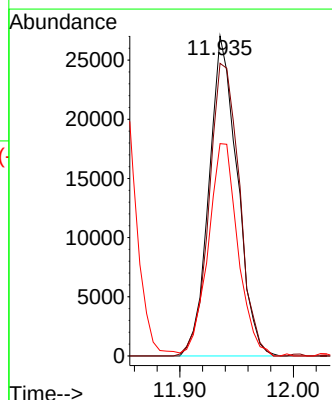
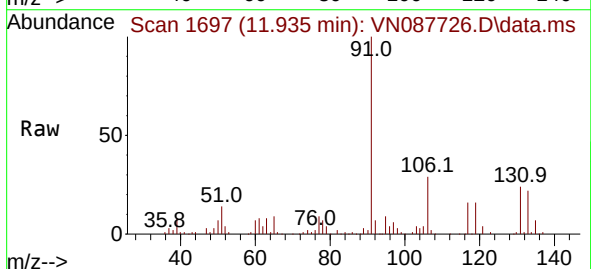
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

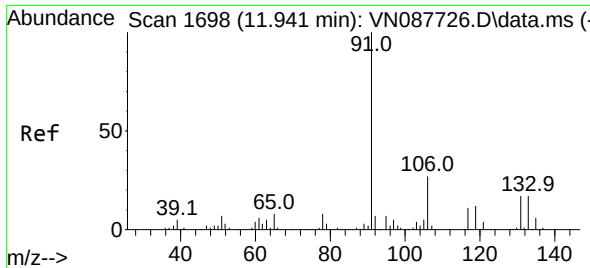
Tgt Ion:112 Resp: 132910
Ion Ratio Lower Upper
112 100
114 29.4 23.5 35.3



#65
1,1,1,2-Tetrachloroethane
Concen: 18.150 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion:131 Resp: 46772
Ion Ratio Lower Upper
131 100
133 97.9 0.0 195.8
119 69.5 0.0 139.0

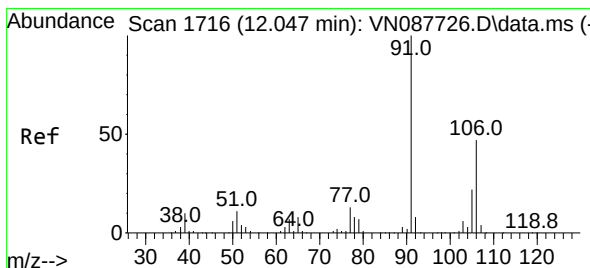
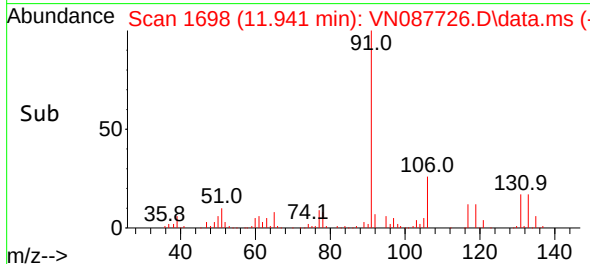
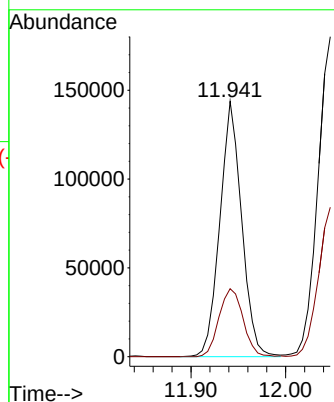
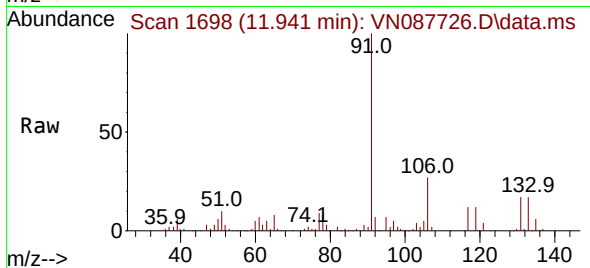




#66
Ethyl Benzene
Concen: 17.532 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

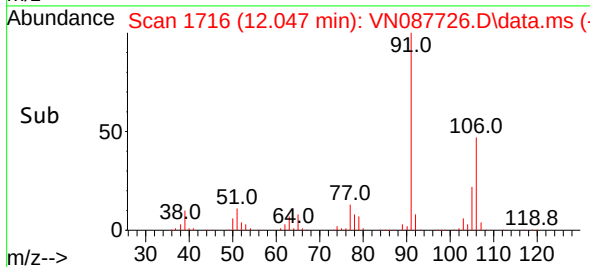
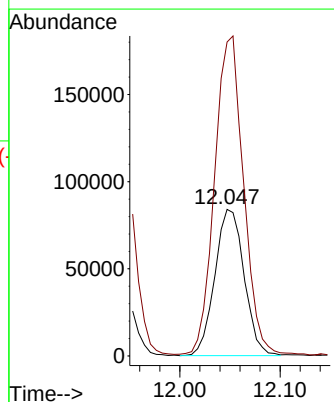
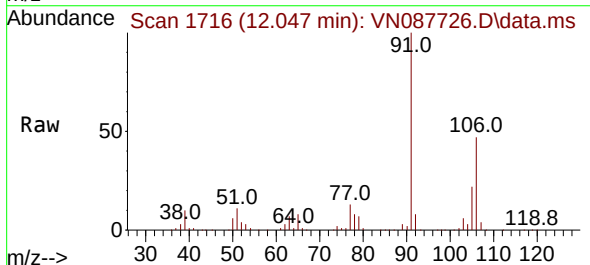
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

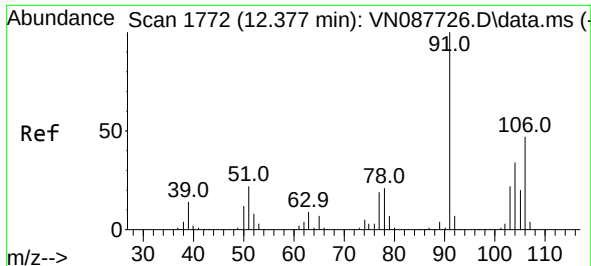
Tgt Ion: 91 Resp: 230526
Ion Ratio Lower Upper
91 100
106 26.6 21.3 31.9



#67
m/p-Xylenes
Concen: 35.082 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 106 Resp: 169788
Ion Ratio Lower Upper
106 100
91 217.9 174.3 261.5

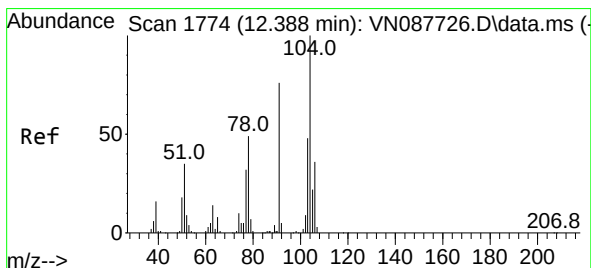
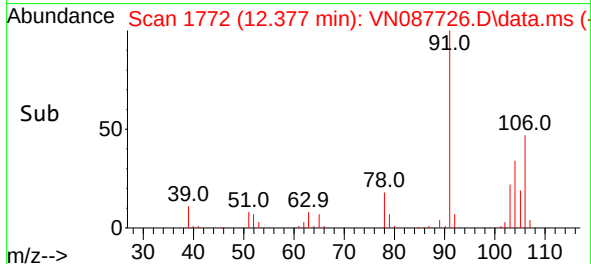
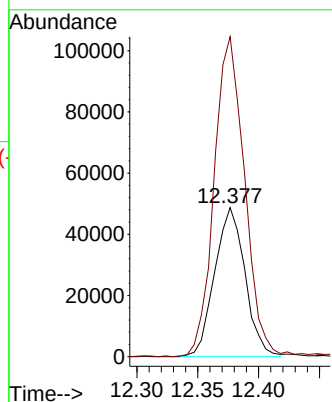
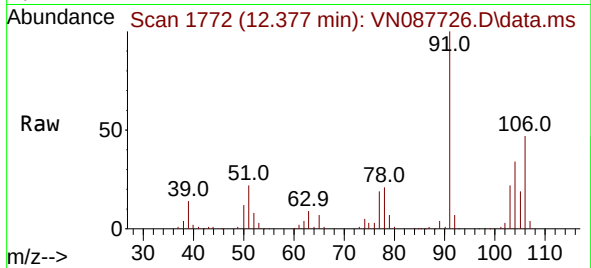




#68
o-Xylene
Concen: 17.701 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

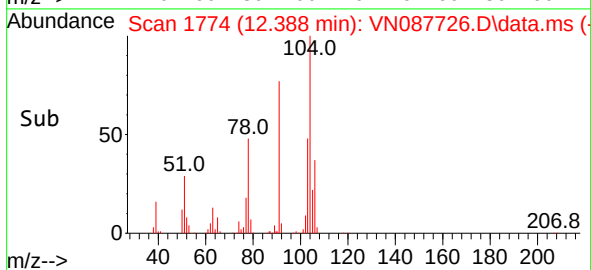
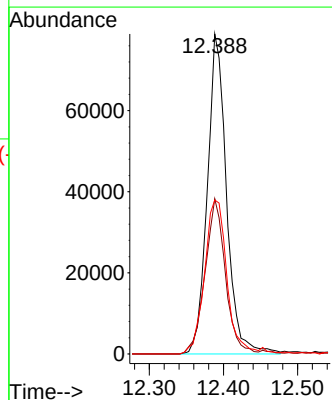
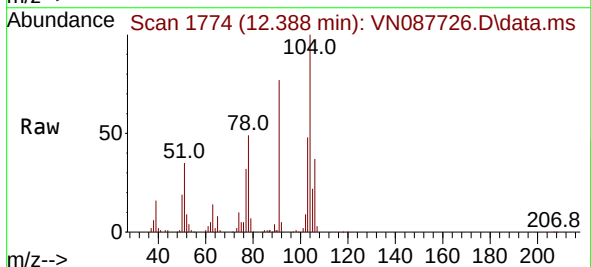
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

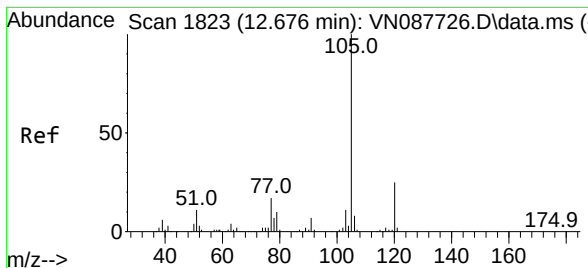
Tgt Ion:106 Resp: 84505
Ion Ratio Lower Upper
106 100
91 215.5 107.7 323.3



#69
Styrene
Concen: 17.520 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion:104 Resp: 142280
Ion Ratio Lower Upper
104 100
78 51.3 41.0 61.6
103 55.7 44.6 66.8





#70

Isopropylbenzene

Concen: 17.117 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

Instrument :

MSVOA_N

ClientSampleId :

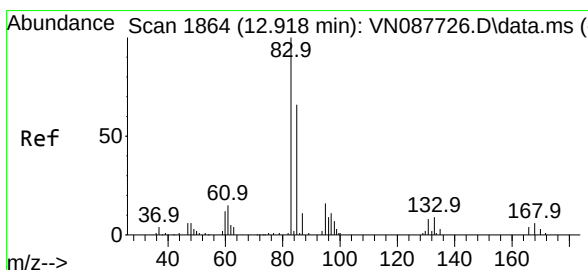
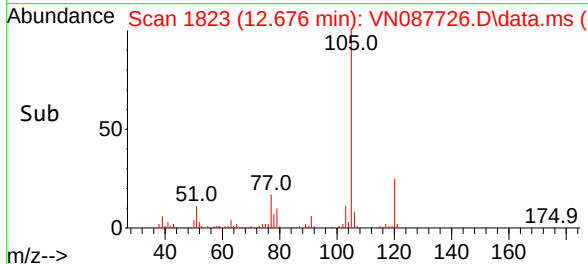
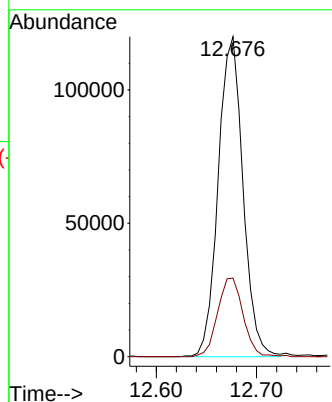
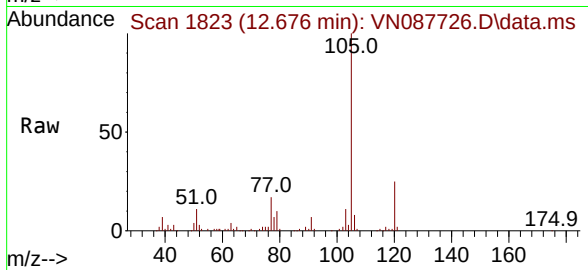
VSTDICCC020

Tgt Ion:105 Resp: 205573

Ion Ratio Lower Upper

105 100

120 24.9 17.4 32.4



#71

1,1,2,2-Tetrachloroethane

Concen: 19.086 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

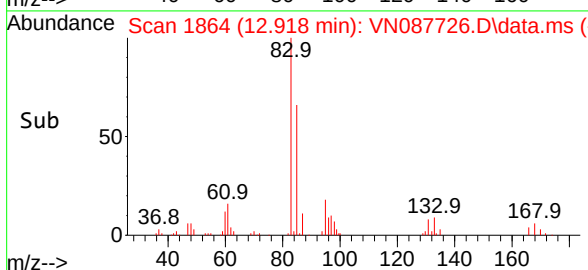
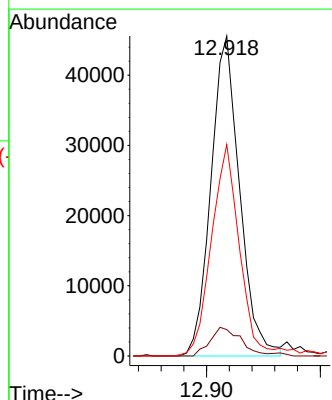
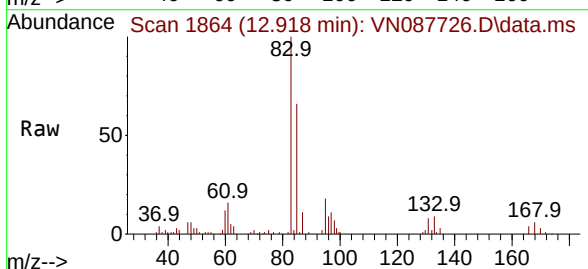
Tgt Ion: 83 Resp: 79973

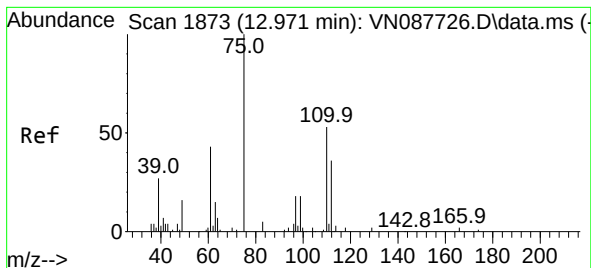
Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

85 63.8 31.9 95.7





#72

1,2,3-Trichloropropane

Concen: 25.685 ug/l

RT: 12.971 min Scan# 1873

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

Instrument :

MSVOA_N

ClientSampleId :

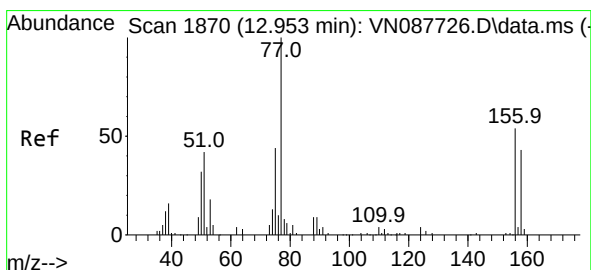
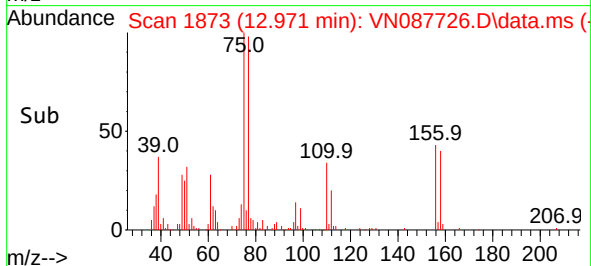
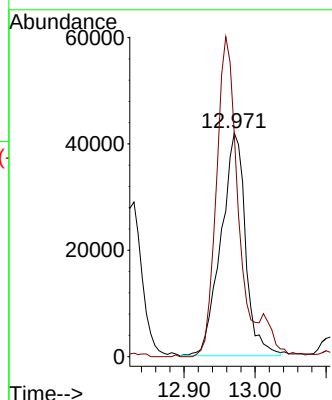
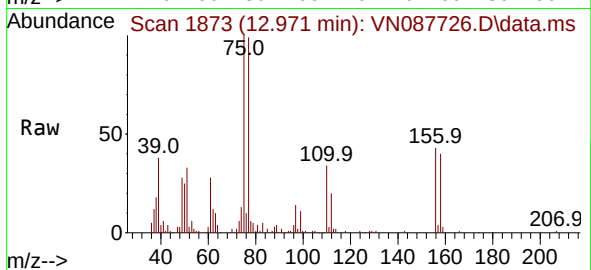
VSTDICCC020

Tgt Ion: 75 Resp: 100408

Ion Ratio Lower Upper

75 100

77 125.3 0.0 378.8



#73

Bromobenzene

Concen: 18.305 ug/l

RT: 12.953 min Scan# 1870

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

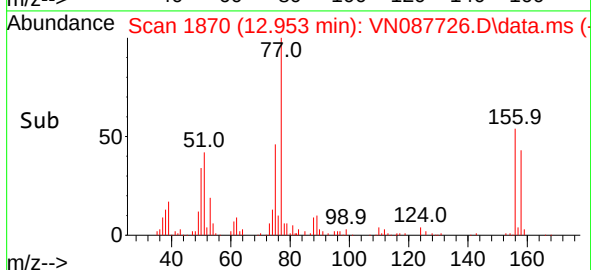
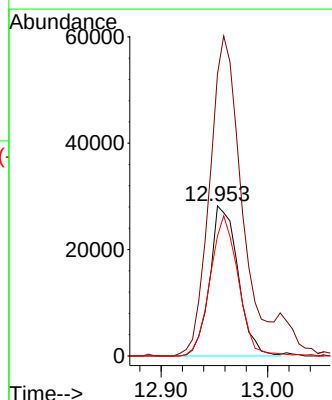
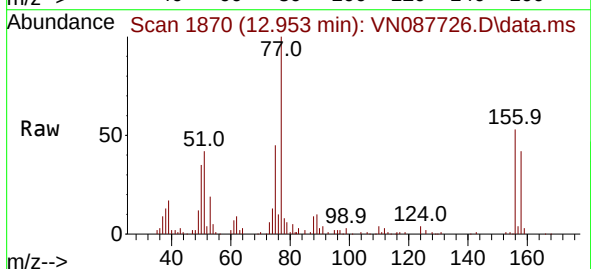
Tgt Ion: 156 Resp: 51969

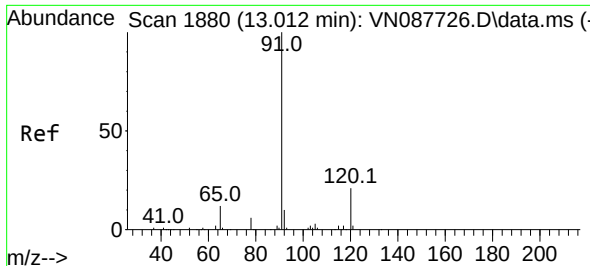
Ion Ratio Lower Upper

156 100

77 242.1 0.0 484.2

158 93.1 0.0 186.2

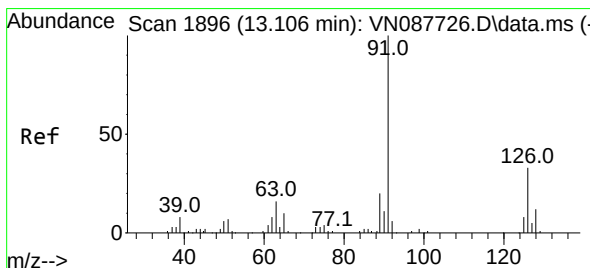
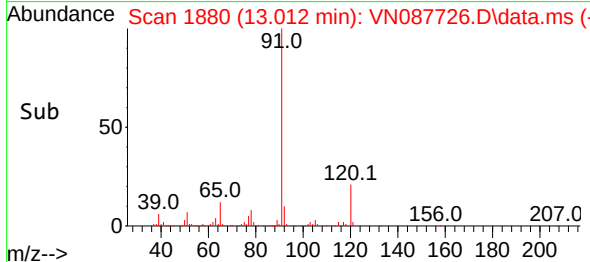
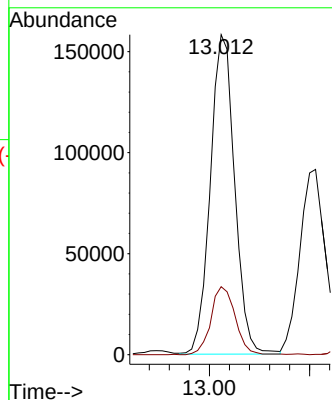
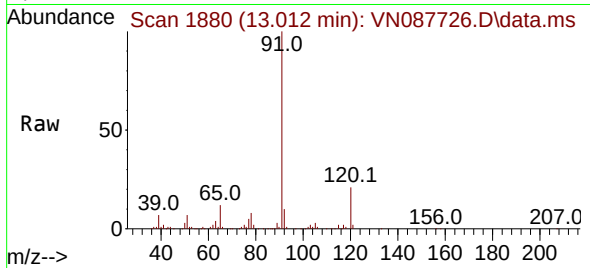




#74
n-propylbenzene
Concen: 17.651 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

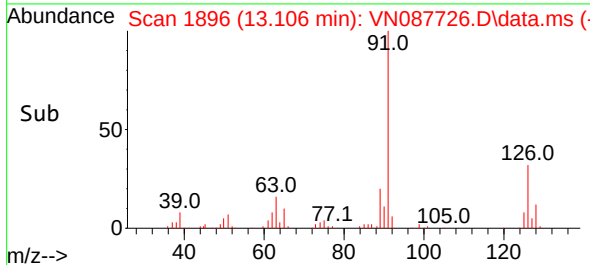
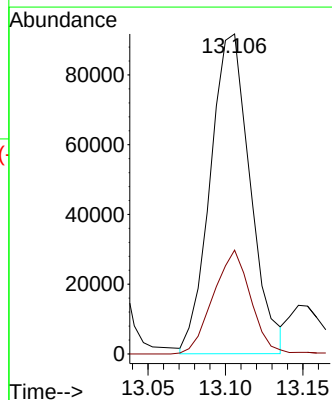
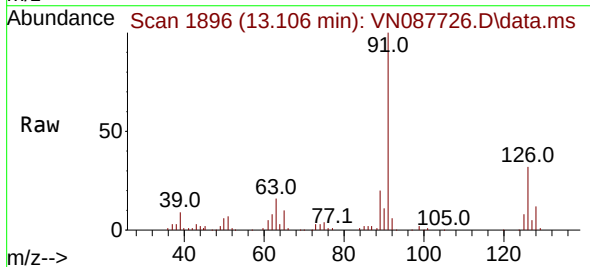
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

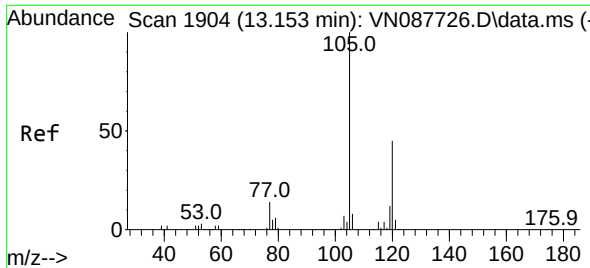
Tgt Ion: 91 Resp: 266688
Ion Ratio Lower Upper
91 100
120 21.1 0.0 42.2



#75
2-Chlorotoluene
Concen: 17.679 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 91 Resp: 164311
Ion Ratio Lower Upper
91 100
126 30.2 0.0 60.4

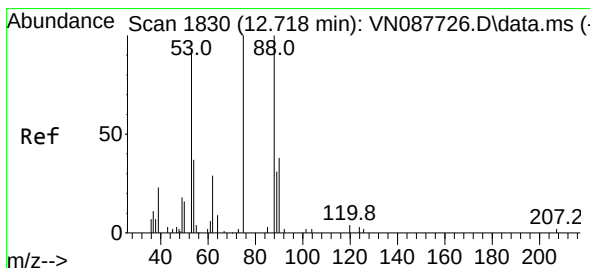
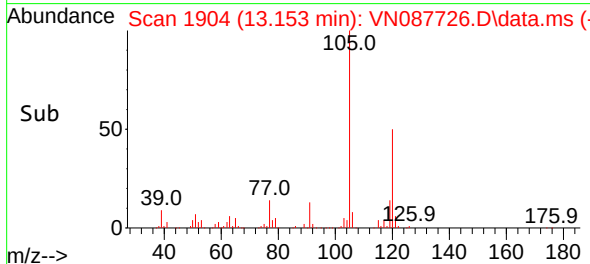
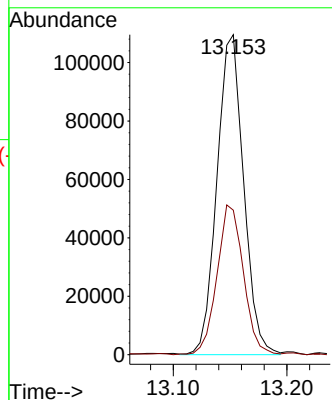
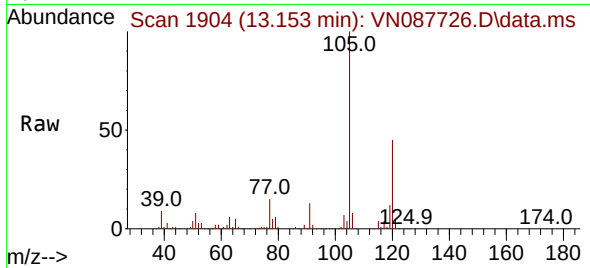




#76
1,3,5-Trimethylbenzene
Concen: 17.339 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

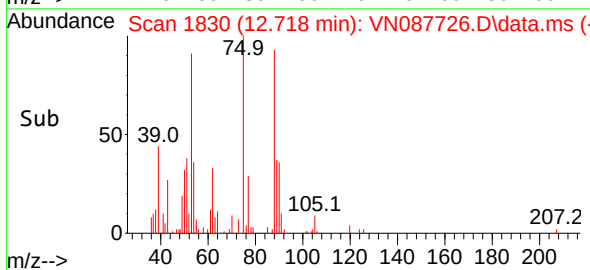
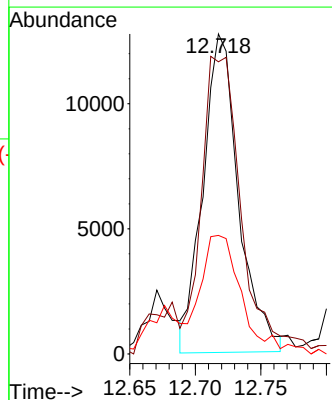
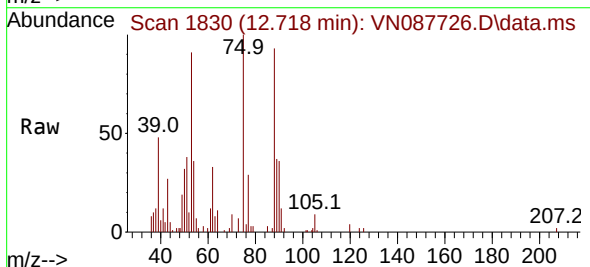
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

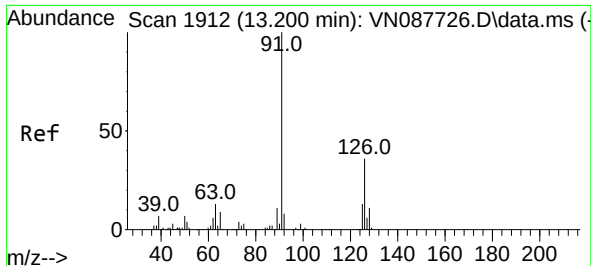
Tgt Ion:105 Resp: 178698
Ion Ratio Lower Upper
105 100
120 46.3 0.0 92.6



#77
t-1,4-Dichloro-2-butene
Concen: 16.407 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 75 Resp: 24084
Ion Ratio Lower Upper
75 100
53 90.6 45.3 135.9
89 37.5 18.8 56.3

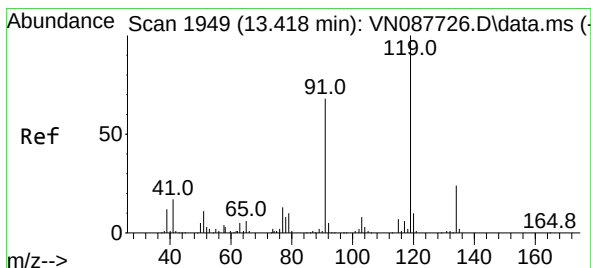
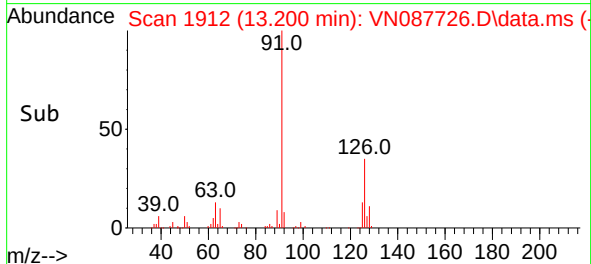
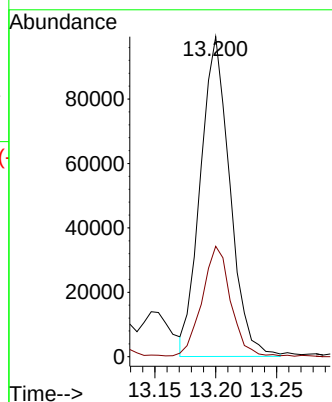
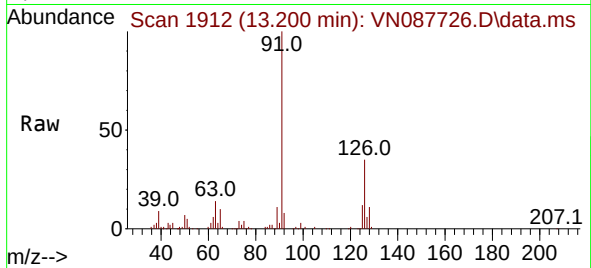




#78
4-Chlorotoluene
Concen: 17.614 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

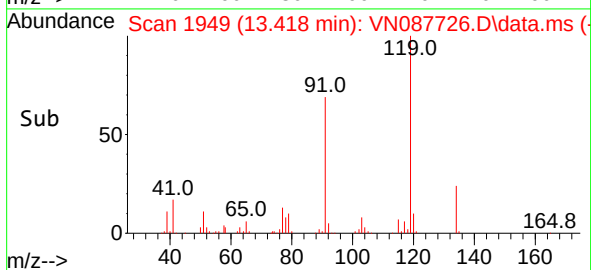
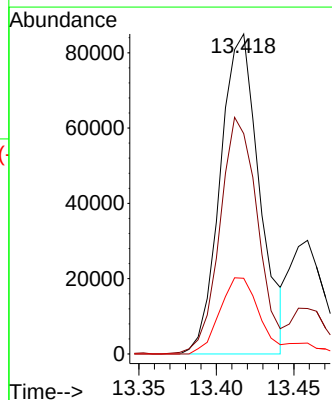
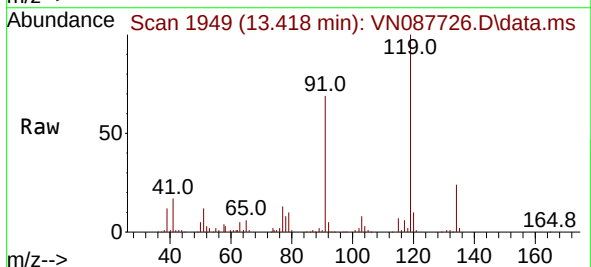
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

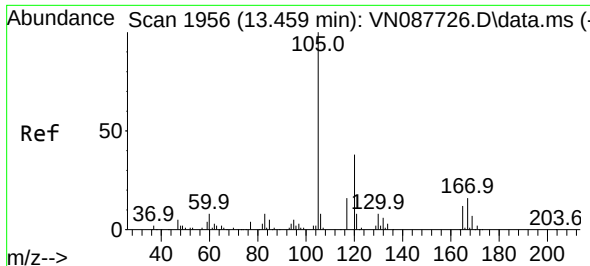
Tgt Ion: 91 Resp: 166605
Ion Ratio Lower Upper
91 100
126 33.5 0.0 67.0



#79
tert-butylbenzene
Concen: 17.250 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 119 Resp: 149770
Ion Ratio Lower Upper
119 100
91 71.3 0.0 142.6
134 23.6 0.0 47.2

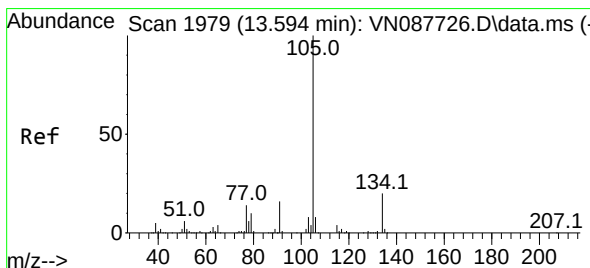
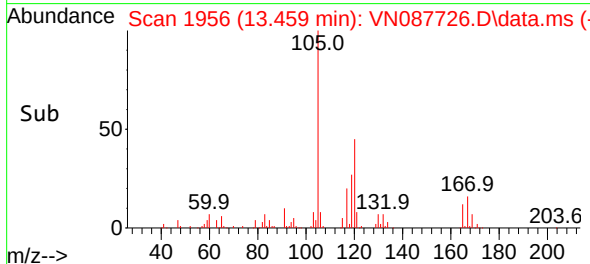
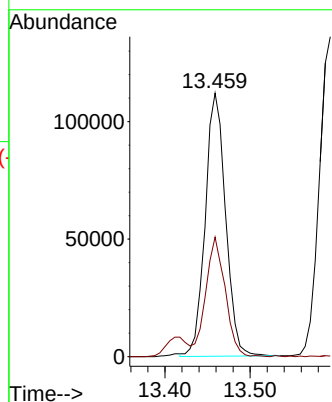
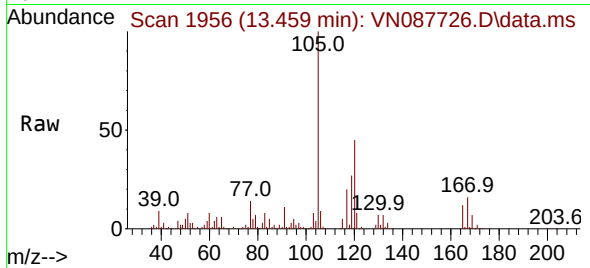




#80
1,2,4-Trimethylbenzene
Concen: 17.861 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

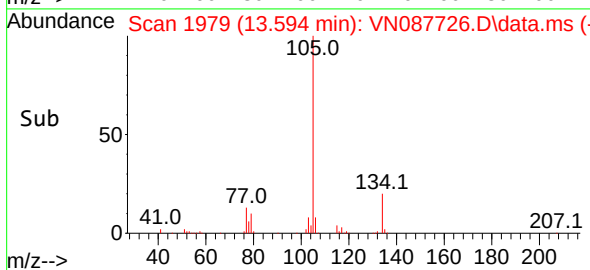
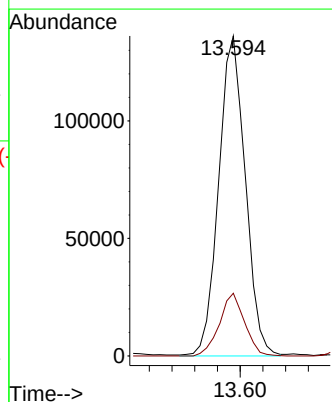
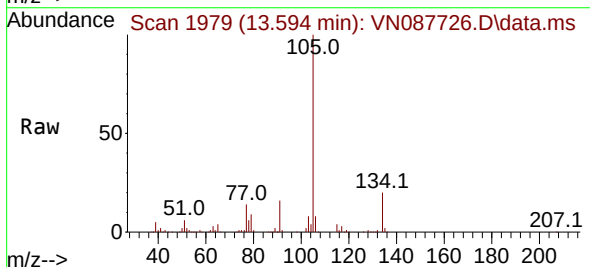
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

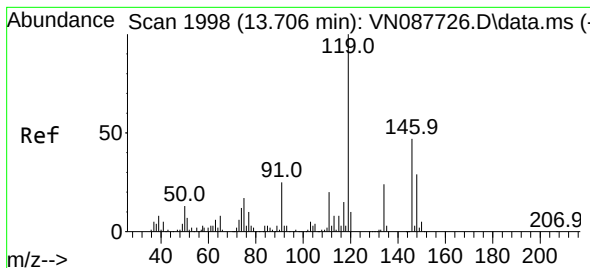
Tgt Ion:105 Resp: 185683
Ion Ratio Lower Upper
105 100
120 43.3 0.0 86.6



#81
sec-Butylbenzene
Concen: 17.504 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion:105 Resp: 221613
Ion Ratio Lower Upper
105 100
134 18.5 0.0 37.0





#82

p-Isopropyltoluene

Concen: 17.164 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

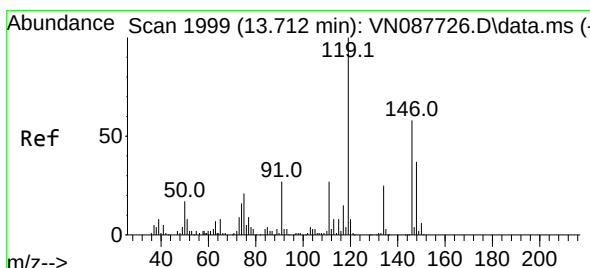
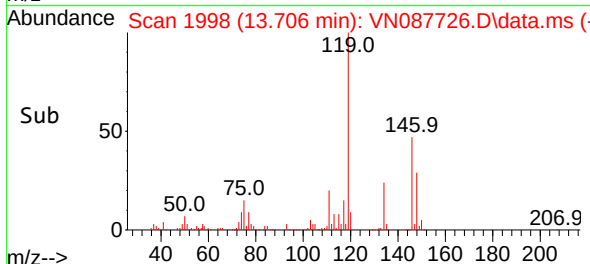
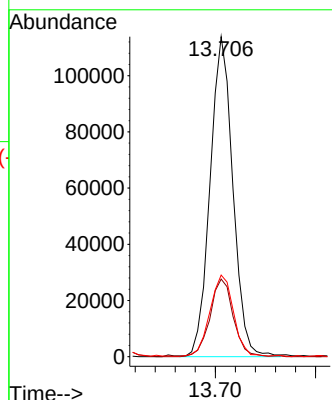
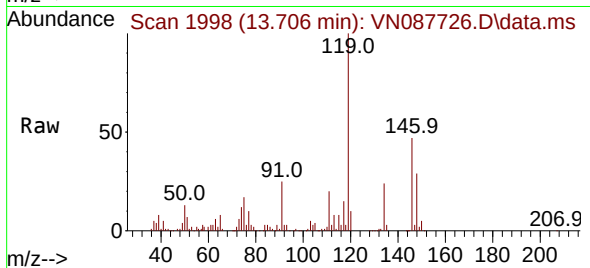
Tgt Ion:119 Resp: 179893

Ion Ratio Lower Upper

119 100

134 24.7 0.0 49.4

91 26.1 0.0 52.2



#83

1,3-Dichlorobenzene

Concen: 19.181 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

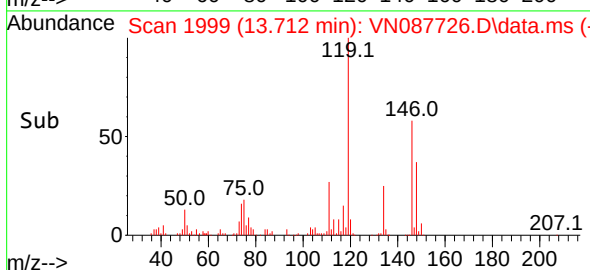
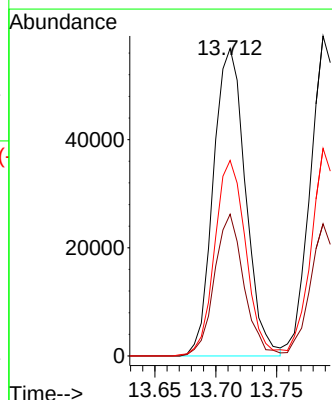
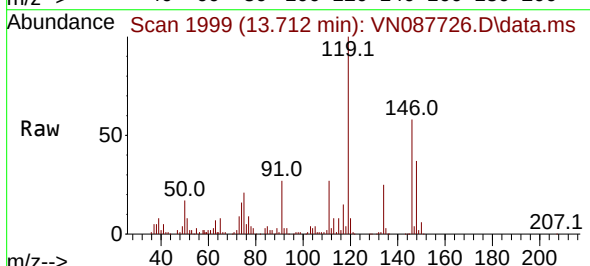
Tgt Ion:146 Resp: 104338

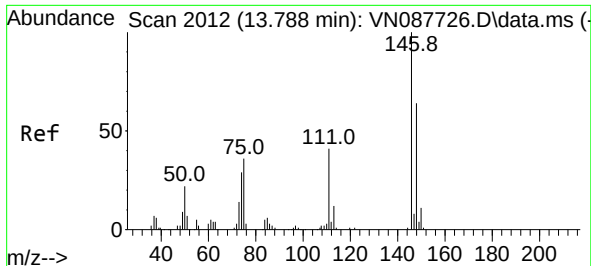
Ion Ratio Lower Upper

146 100

111 42.3 21.1 63.4

148 62.0 31.0 93.0

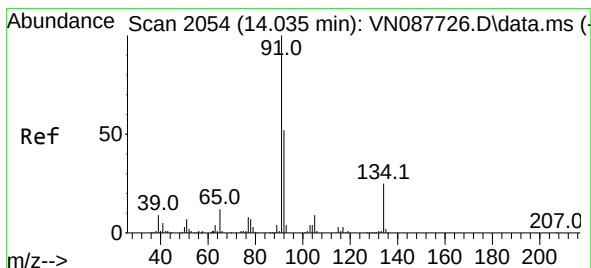
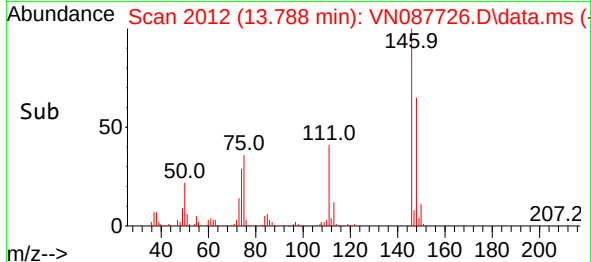
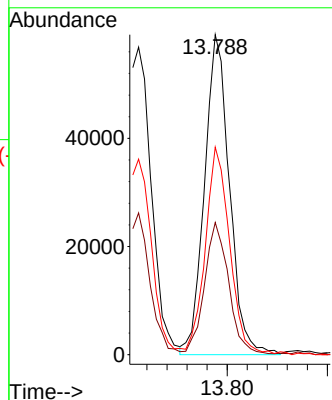
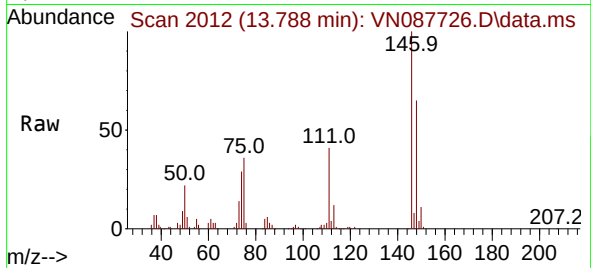




#84
1,4-Dichlorobenzene
Concen: 18.737 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

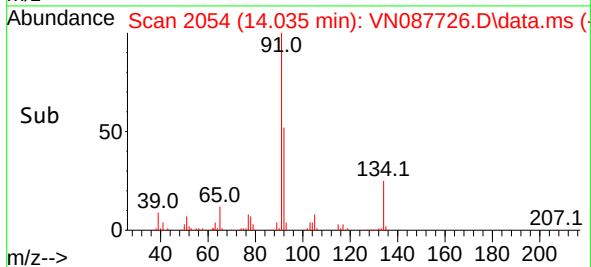
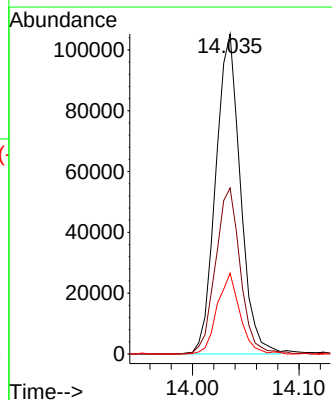
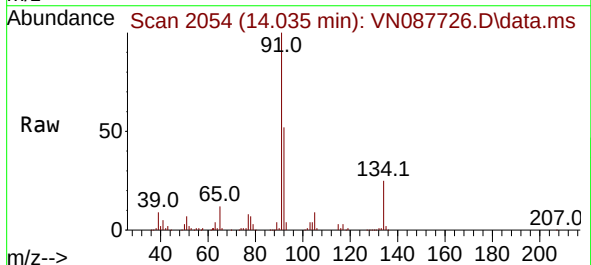
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

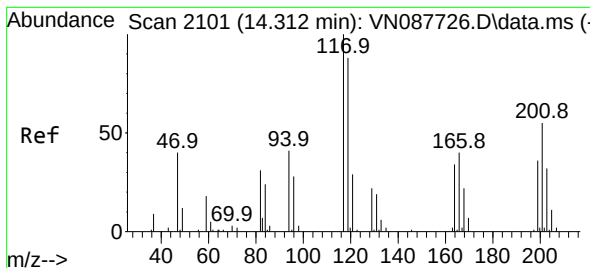
Tgt Ion:146 Resp: 102608
Ion Ratio Lower Upper
146 100
111 40.3 20.2 60.5
148 63.0 31.5 94.5



#85
n-Butylbenzene
Concen: 16.646 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Tgt Ion: 91 Resp: 169464
Ion Ratio Lower Upper
91 100
92 52.0 0.0 104.0
134 23.0 0.0 46.0





#86

Hexachloroethane

Concen: 18.193 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

Instrument :

MSVOA_N

ClientSampleId :

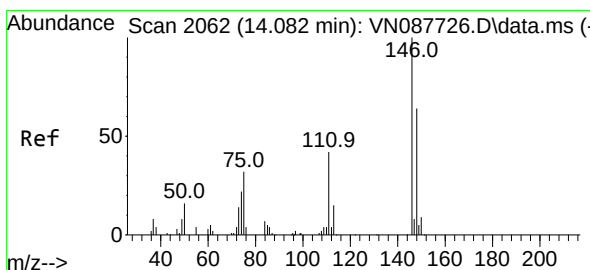
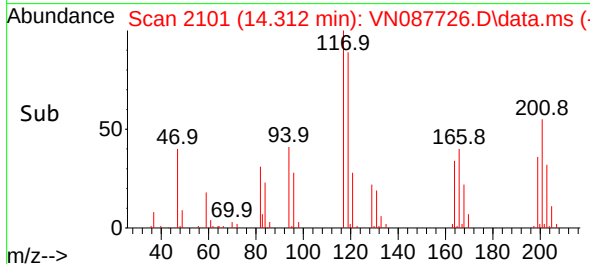
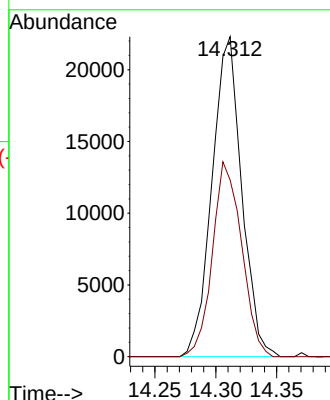
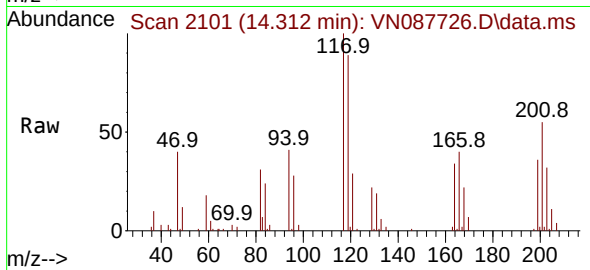
VSTDICCC020

Tgt Ion:117 Resp: 37845

Ion Ratio Lower Upper

117 100

201 59.8 29.9 89.7



#87

1,2-Dichlorobenzene

Concen: 18.773 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

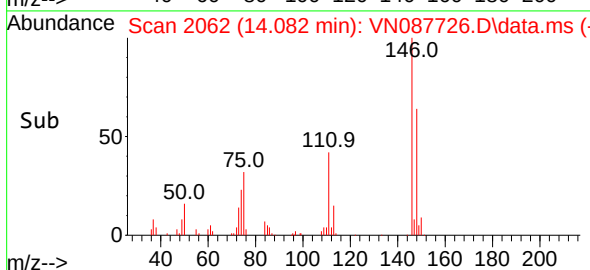
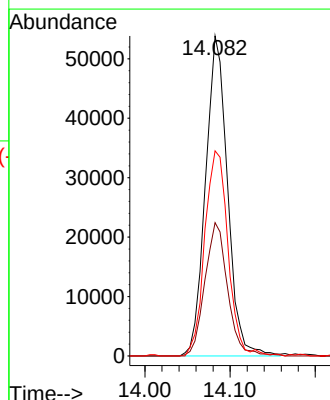
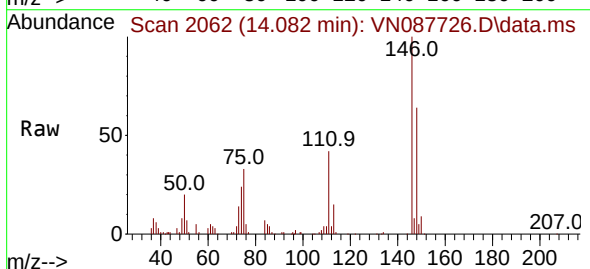
Tgt Ion:146 Resp: 96835

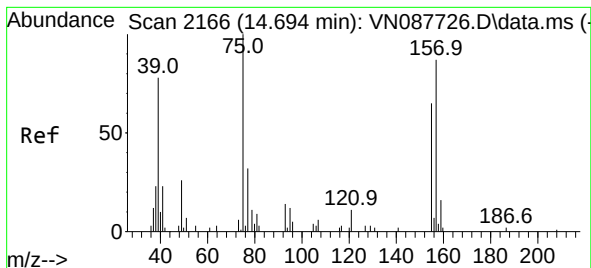
Ion Ratio Lower Upper

146 100

111 43.0 21.5 64.5

148 66.7 33.4 100.1





#88

1,2-Dibromo-3-Chloropropane

Concen: 17.534 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

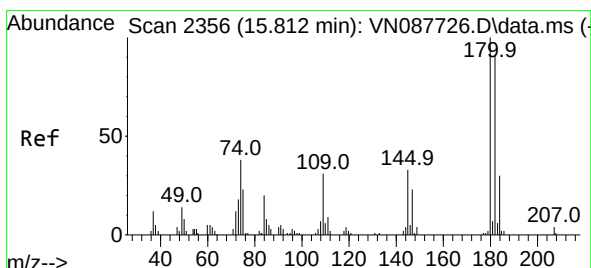
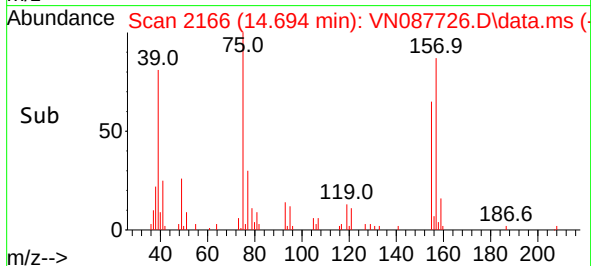
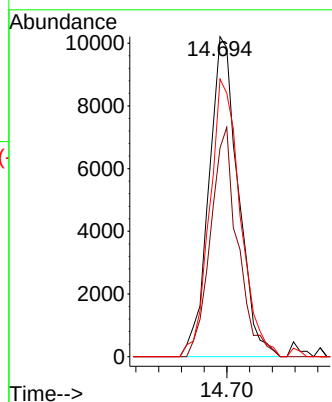
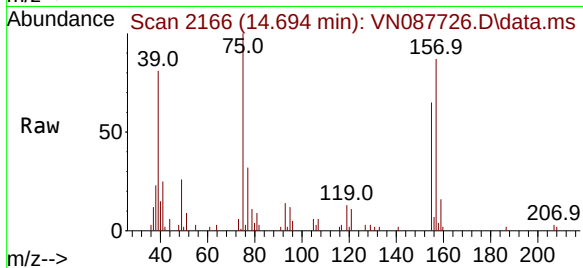
Tgt Ion: 75 Resp: 18320

Ion Ratio Lower Upper

75 100

155 66.2 53.0 79.4

157 90.3 72.2 108.4



#89

1,2,4-Trichlorobenzene

Concen: 17.337 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087726.D

Acq: 04 Sep 2025 16:44

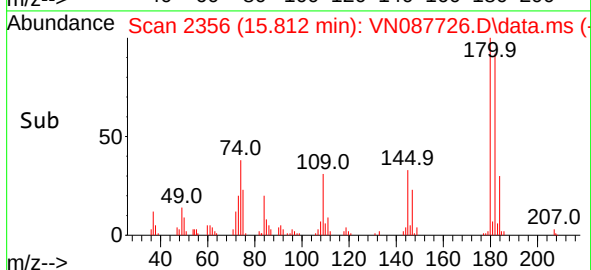
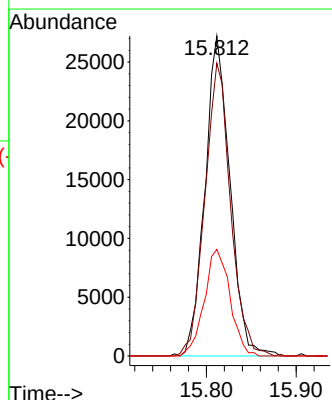
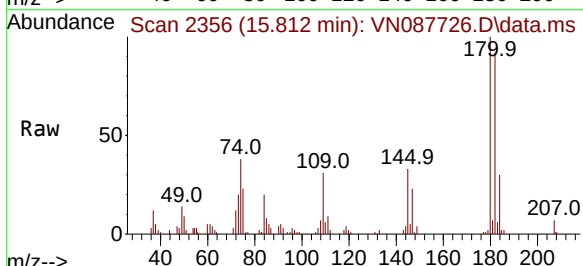
Tgt Ion:180 Resp: 52849

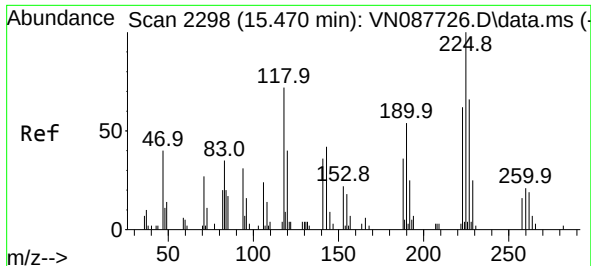
Ion Ratio Lower Upper

180 100

182 93.2 74.6 111.8

145 34.2 27.4 41.0

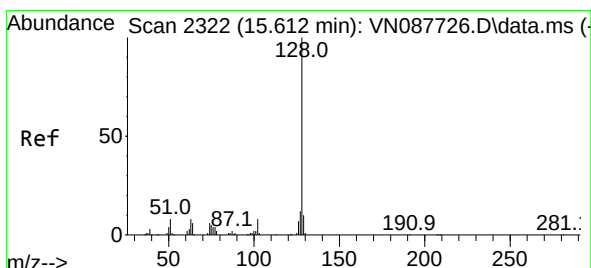
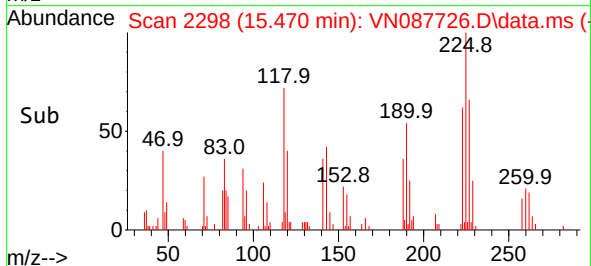
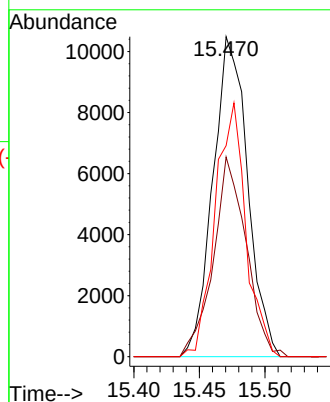
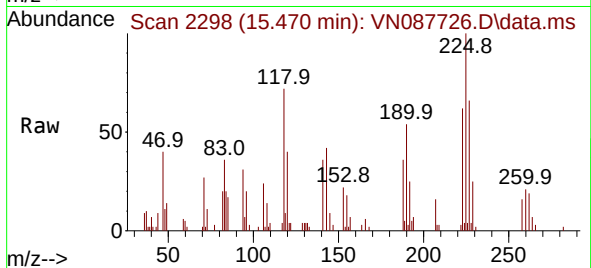




#90
Hexachlorobutadiene
Concen: 16.481 ug/l
RT: 15.470 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

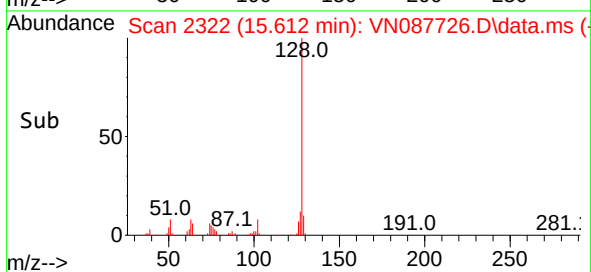
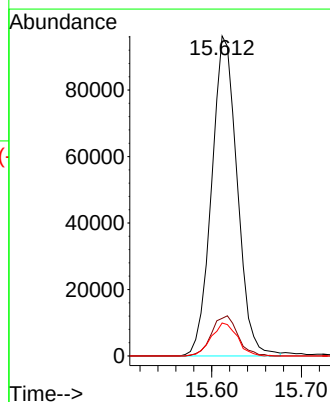
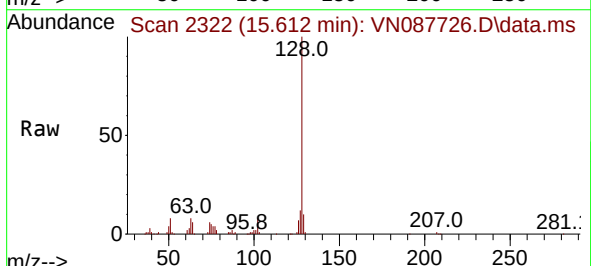
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

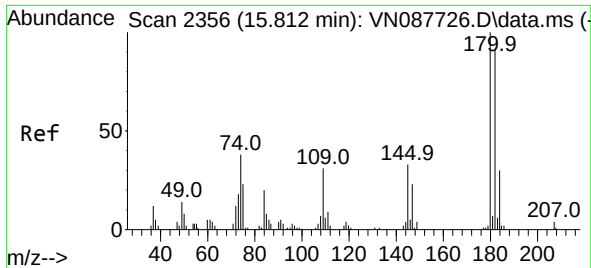
Tgt Ion:	225	Resp:	19260
Ion	Ratio	Lower	Upper
225	100		
223	59.1	0.0	118.2
227	69.5	0.0	139.0



#91
Naphthalene
Concen: 16.595 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

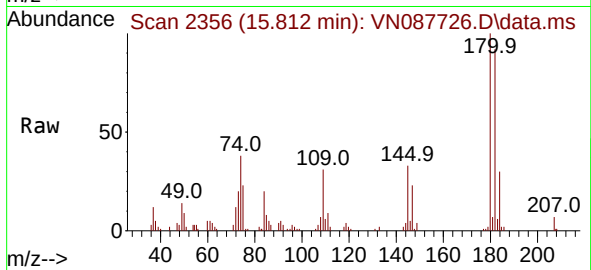
Tgt Ion:	128	Resp:	190673
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.4	8.3	12.5





#92
1,2,3-Trichlorobenzene
Concen: 17.337 ug/l
RT: 15.812 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087726.D
Acq: 04 Sep 2025 16:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:	180	Resp:	52849
Ion	Ratio	Lower	Upper
180	100		
182	93.2	0.0	186.4
145	34.2	0.0	68.4

