

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
 Data File : VN087729.D
 Acq On : 04 Sep 2025 17:46
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 05 03:00:38 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	7.800	128	48732	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	256987	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	242434	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	125853	28.682	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.600%
60) 4-Bromofluorobenzene	12.829	95	119357	28.950	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.500%
63) Toluene-d8	10.547	98	331838	29.625	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.733%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	460014	149.391	ug/l	99
3) Chloromethane	2.383	50	485468	154.452	ug/l	99
4) Vinyl Chloride	2.536	62	548014	162.679	ug/l	97
5) Bromomethane	2.953	94	338024	182.035	ug/l	96
6) Chloroethane	3.124	64	366963	166.372	ug/l #	85
7) Trichlorofluoromethane	3.506	101	797041	163.196	ug/l	91
8) Diethyl Ether	3.959	74	341803	168.693	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.359	101	422322	166.217	ug/l	78
10) 1,1-Dichloroethene	4.336	96	449863	171.802	ug/l	95
11) Methyl Iodide	4.577	142	421989	205.284	ug/l	90
12) Methyl Acetate	5.012	43	724097	152.583	ug/l	100
13) Acrolein	4.377	56	1204	1.623	ug/l	99
14) Acrylonitrile	5.706	53	1538968	749.724	ug/l	98
15) Acetone	4.424	58	425162	730.123	ug/l	90
17) Allyl chloride	5.012	41	766742	148.357	ug/l	92
18) Methylene Chloride	5.259	84	507725	153.709	ug/l	91
19) trans-1,2-Dichloroethene	5.771	96	477957	156.377	ug/l	96
20) Diisopropyl ether	6.659	45	1793426	152.305	ug/l	94
21) 1,1-Dichloroethane	6.553	63	931404	152.104	ug/l	97
22) cis-1,2-Dichloroethene	7.471	96	586326	156.802	ug/l	99
23) tert-Butyl Alcohol	5.530	59	545385	639.163	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	1739496	151.610	ug/l	98
25) Chloroform	7.947	83	983285	152.526	ug/l	95
26) Cyclohexane	8.241	56	727166	150.164	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	648804	157.510	ug/l	99
30) 2-Butanone	7.471	43	2196856	736.360	ug/l	98
31) 2,2-Dichloropropane	7.477	77	781979	151.522	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	806677	152.690	ug/l	99
33) Carbon Tetrachloride	8.341	117	670757	154.283	ug/l	97
34) Benzene	8.588	78	2101924	160.910	ug/l	95
35) Methacrylonitrile	7.759	41	468477	144.552	ug/l	97
36) 1,2-Dichloroethane	8.653	62	770632	147.988	ug/l	100
37) Trichloroethene	9.335	130	458415	159.355	ug/l	94
38) Methylcyclohexane	9.582	83	704436	149.907	ug/l	98
39) 1,2-Dichloropropane	9.600	63	532904	159.192	ug/l	100
40) Dibromomethane	9.688	93	390063	155.837	ug/l	99
41) Bromodichloromethane	9.871	83	801266	153.294	ug/l #	94
42) Vinyl Acetate	6.588	43	7618340	776.186	ug/l	99
43) Ethyl Acetate	7.547	43	903610	153.686	ug/l	98

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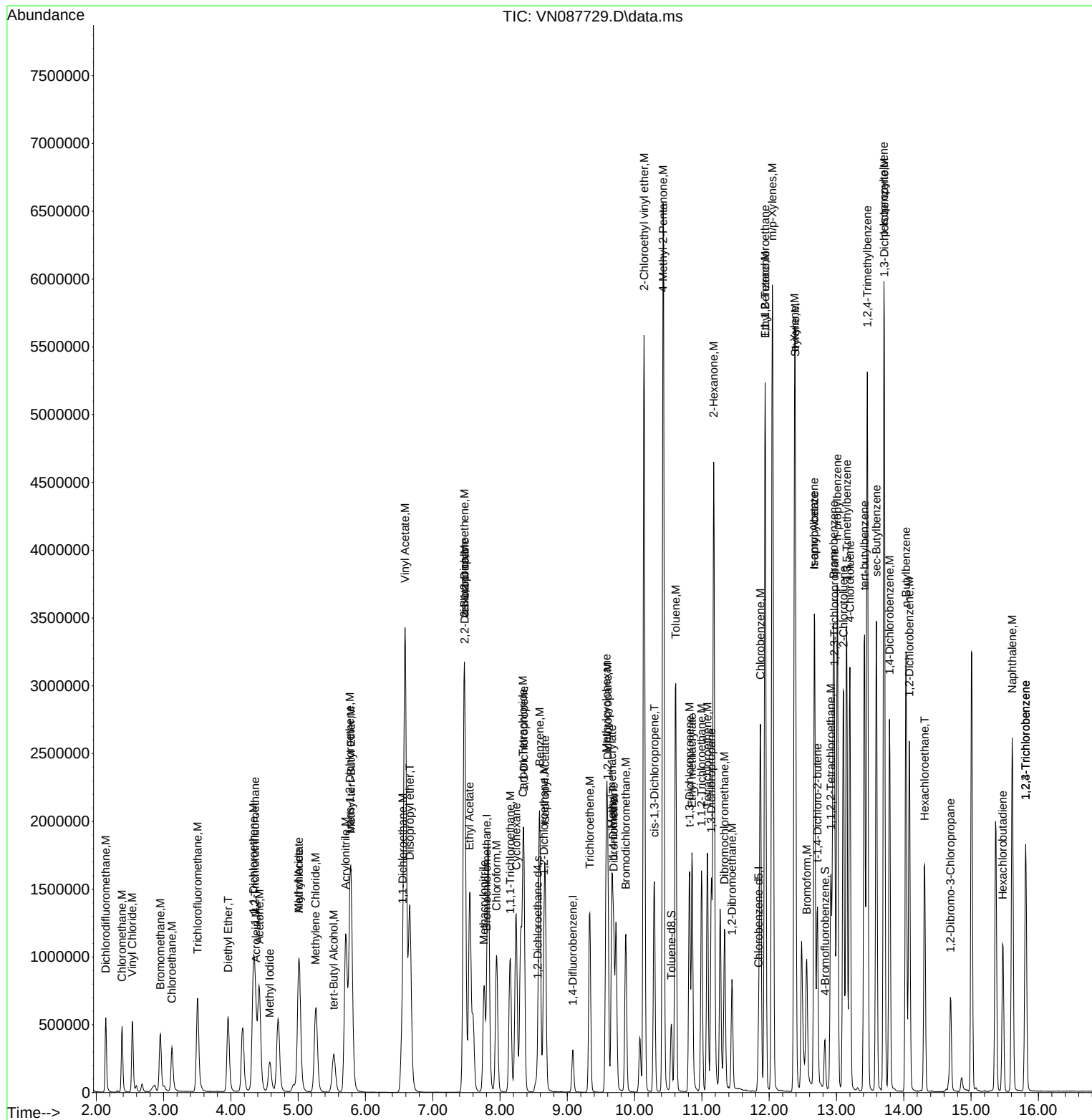
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.671	43	1460618	149.330	ug/l	100
45) 1,4-Dioxane	9.682	88	187970	3001.771	ug/l #	91
46) Methyl methacrylate	9.665	41	670040	146.351	ug/l	100
47) n-amyl Acetate	12.670	43	16227	2.853	ug/l #	89
48) t-1,3-Dichloropropene	10.818	75	885111	158.851	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	901540	160.315	ug/l	94
50) 1,1,2-Trichloroethane	10.994	97	511317	160.824	ug/l	98
51) Ethyl methacrylate	10.853	69	906831	167.159	ug/l	94
52) 1,3-Dichloropropane	11.141	76	893642	156.782	ug/l	100
53) Dibromochloromethane	11.335	129	596338	164.776	ug/l	92
54) 1,2-Dibromoethane	11.447	107	546357	163.081	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	2464831	840.927	ug/l	98
56) Bromoform	12.559	173	402223	167.746	ug/l	97
58) 4-Methyl-2-Pentanone	10.424	43	4473520	745.754	ug/l	99
59) 2-Hexanone	11.176	43	3170935	780.545	ug/l	97
61) Tetrachloroethene	11.082	164	363806	155.454	ug/l	97
62) Toluene	10.612	91	2294262	157.273	ug/l	99
64) Chlorobenzene	11.870	112	1432339	160.019	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.941	131	486507	154.396	ug/l	98
66) Ethyl Benzene	11.941	91	2571632	159.947	ug/l	95
67) m/p-Xylenes	12.047	106	1904203	321.770	ug/l	95
68) o-Xylene	12.376	106	940685	161.143	ug/l	95
69) Styrene	12.388	104	1653060	166.468	ug/l	99
70) Isopropylbenzene	12.670	105	2375492	161.764	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	793928	154.952	ug/l	100
72) 1,2,3-Trichloropropane	12.970	75	1090401	228.114	ug/l	54
73) Bromobenzene	12.959	156	553482	159.435	ug/l	98
74) n-propylbenzene	13.012	91	2937041	158.973	ug/l	99
75) 2-Chlorotoluene	13.106	91	1747793	153.793	ug/l	97
76) 1,3,5-Trimethylbenzene	13.153	105	1960149	155.546	ug/l	99
77) t-1,4-Dichloro-2-butene	12.717	75	311177	173.364	ug/l	89
78) 4-Chlorotoluene	13.200	91	1806216	156.166	ug/l	97
79) tert-butylbenzene	13.417	119	1648726	155.295	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	2015689	158.567	ug/l	99
81) sec-Butylbenzene	13.594	105	2383484	153.961	ug/l	99
82) p-Isopropyltoluene	13.706	119	1983862	154.798	ug/l	98
83) 1,3-Dichlorobenzene	13.712	146	1059997	159.363	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	1050951	156.951	ug/l	98
85) n-Butylbenzene	14.035	91	1919423	154.195	ug/l	100
86) Hexachloroethane	14.311	117	392690	154.382	ug/l	99
87) 1,2-Dichlorobenzene	14.082	146	1004257	159.224	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.694	75	184176	144.163	ug/l	93
89) 1,2,4-Trichlorobenzene	15.811	180	591983	158.821	ug/l	97
90) Hexachlorobutadiene	15.470	225	183756	128.598	ug/l	95
91) Naphthalene	15.611	128	2324387	165.441	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	591983	158.821	ug/l	97

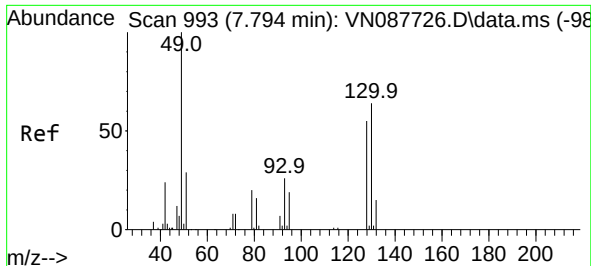
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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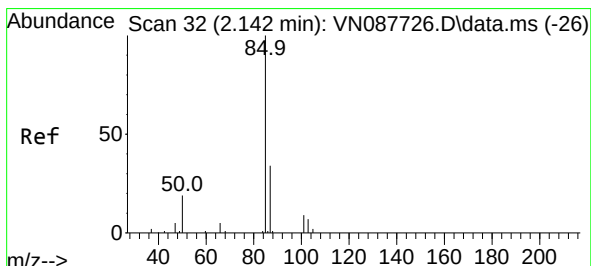
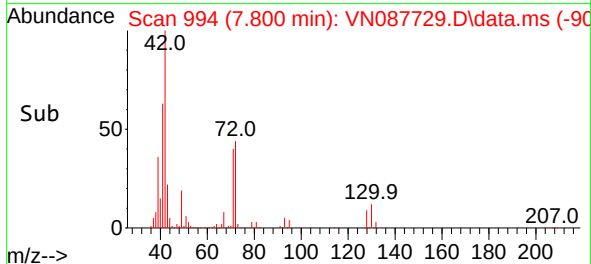
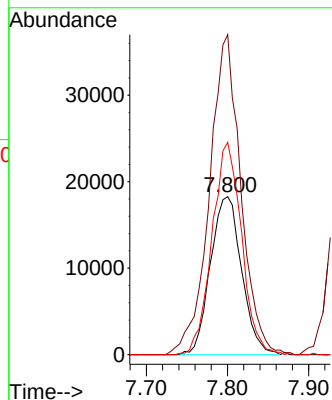
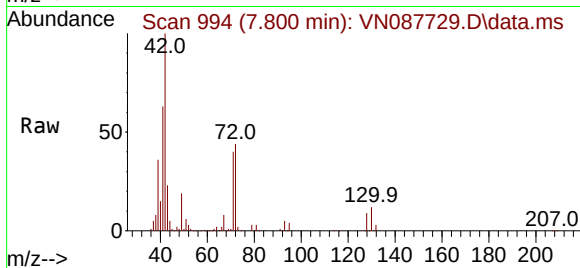




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN087729.D
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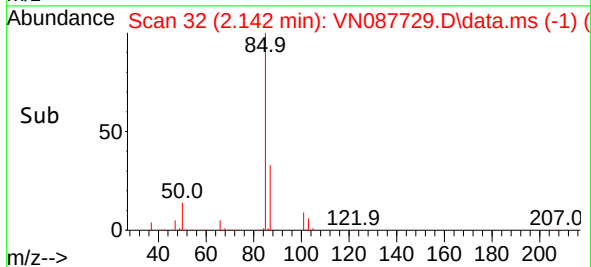
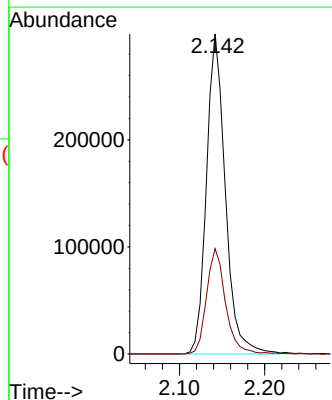
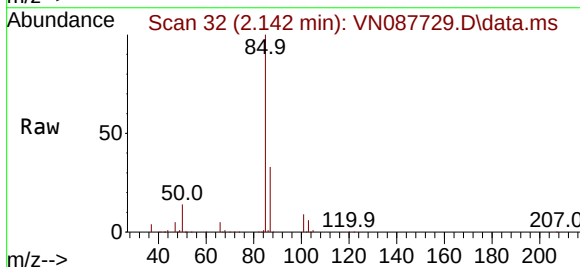
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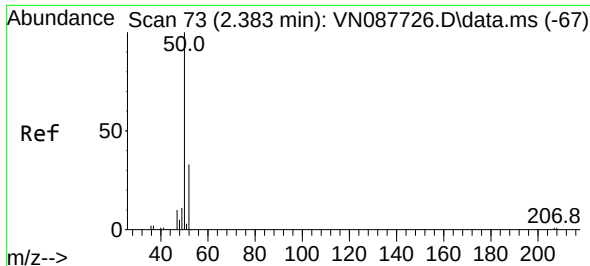
Tgt Ion:128 Resp: 48732
Ion Ratio Lower Upper
128 100
49 204.4 0.0 464.3
130 127.8 0.0 300.5



#2
Dichlorodifluoromethane
Concen: 149.391 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 85 Resp: 460014
Ion Ratio Lower Upper
85 100
87 32.9 16.8 50.4

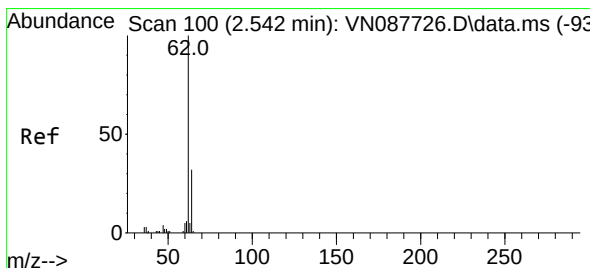
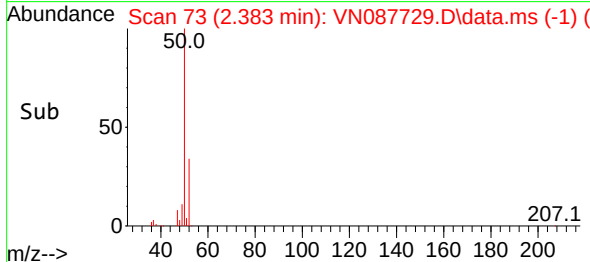
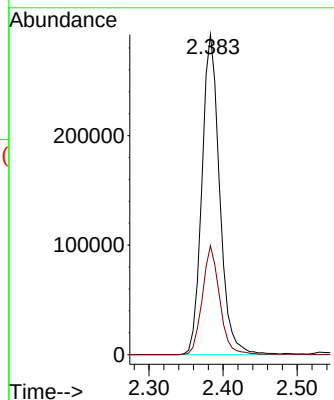
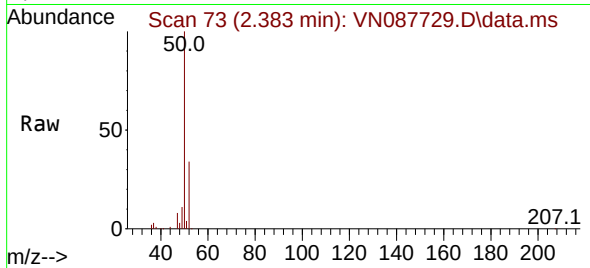




#3
Chloromethane
Concen: 154.452 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

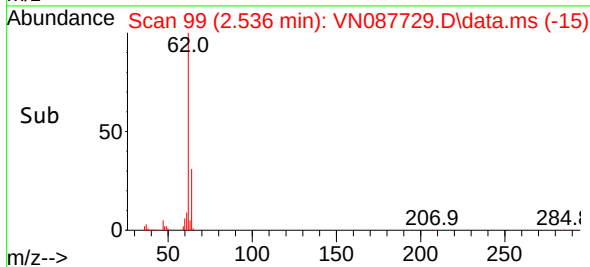
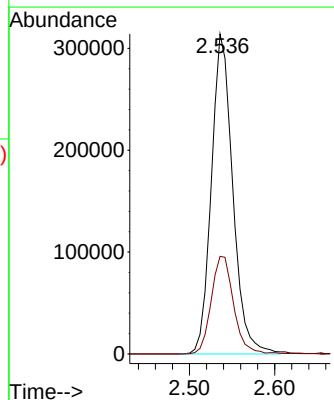
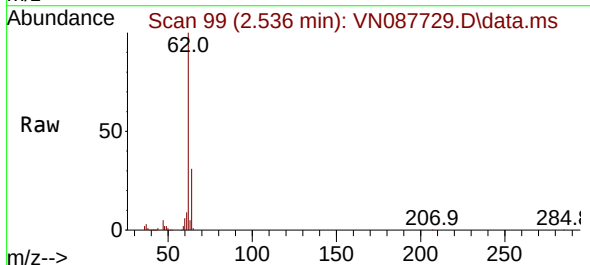
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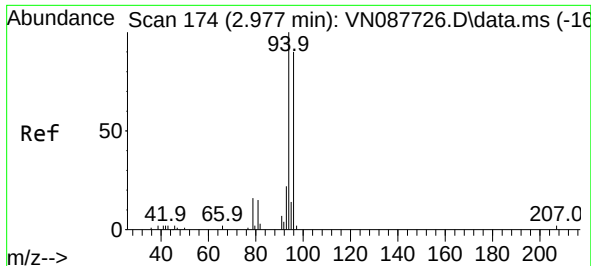
Tgt Ion: 50 Resp: 485468
Ion Ratio Lower Upper
50 100
52 34.0 26.6 40.0



#4
Vinyl Chloride
Concen: 162.679 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 62 Resp: 548014
Ion Ratio Lower Upper
62 100
64 30.5 25.5 38.3

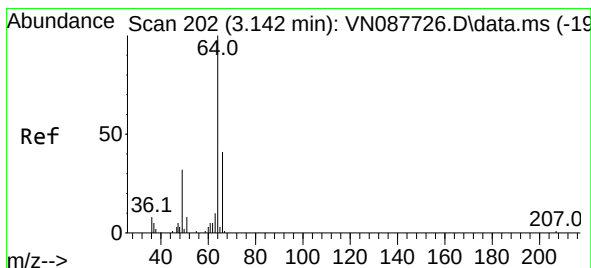
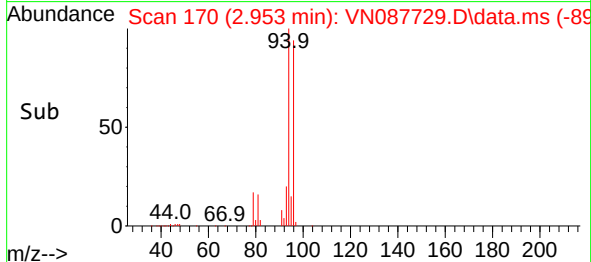
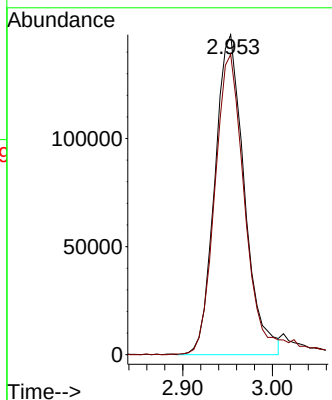
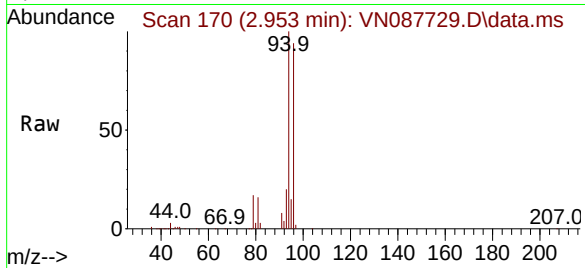




#5
Bromomethane
Concen: 182.035 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN087729.D
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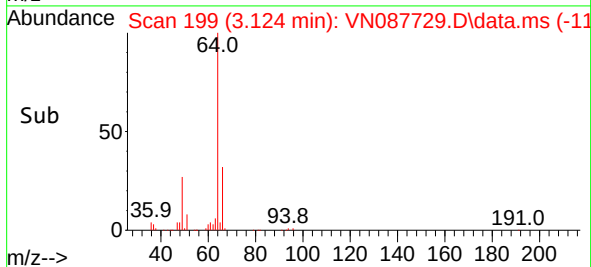
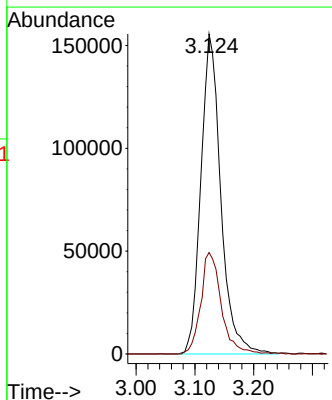
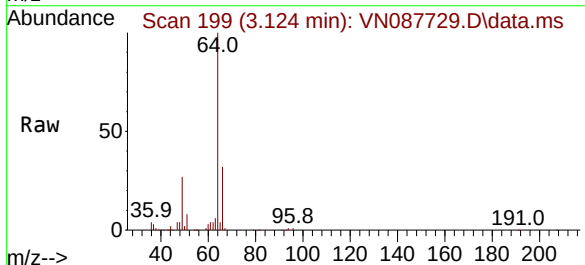
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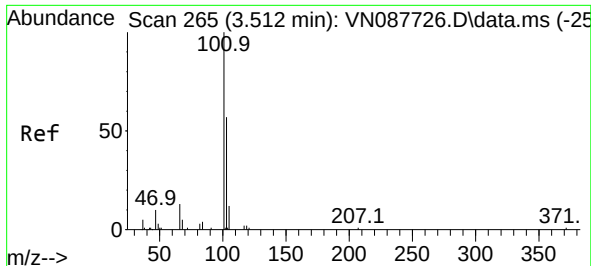
Tgt Ion: 94 Resp: 338024
Ion Ratio Lower Upper
94 100
96 93.6 72.2 108.4



#6
Chloroethane
Concen: 166.372 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.018 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 64 Resp: 366963
Ion Ratio Lower Upper
64 100
66 31.7 32.8 49.2#

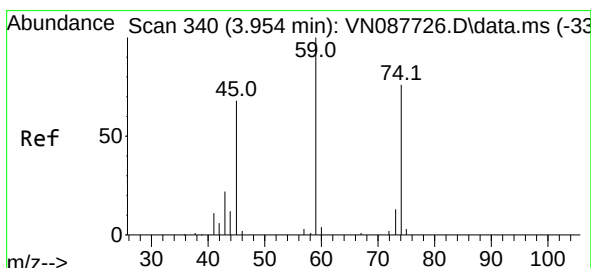
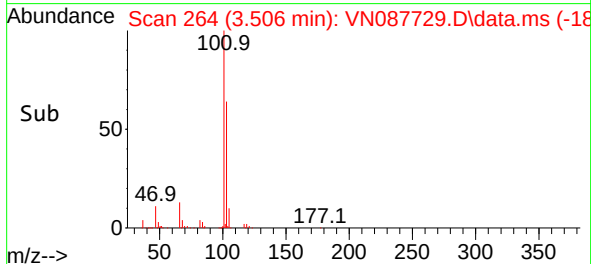
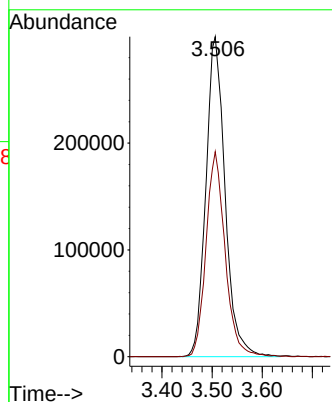
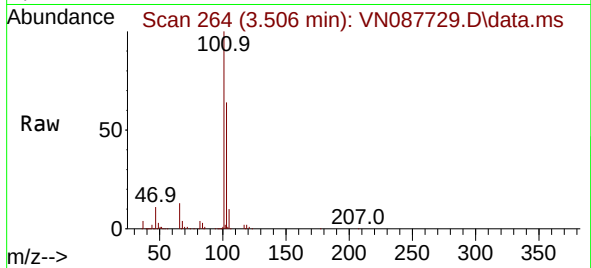




#7
 Trichlorofluoromethane
 Concen: 163.196 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
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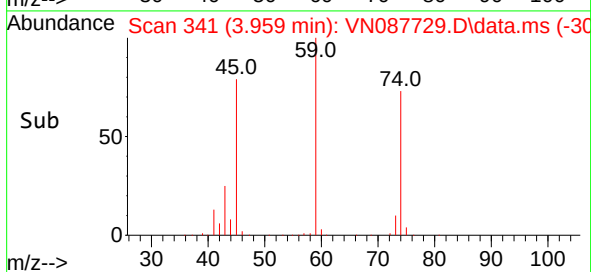
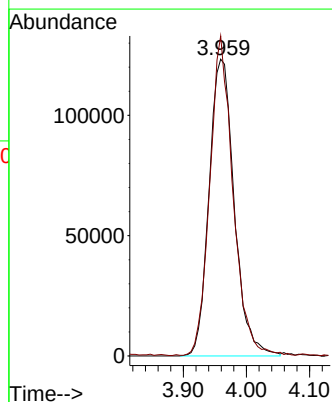
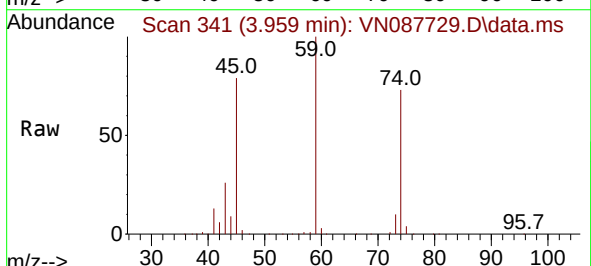
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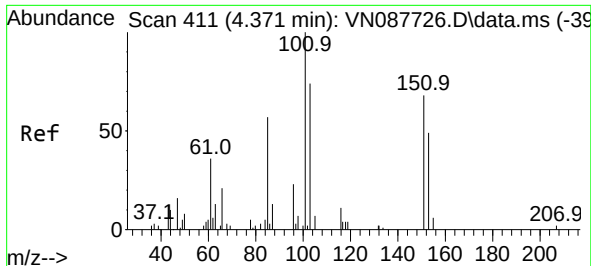
Tgt Ion:101 Resp: 797041
 Ion Ratio Lower Upper
 101 100
 103 63.9 45.7 68.5



#8
 Diethyl Ether
 Concen: 168.693 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087729.D
 Acq: 04 Sep 2025 17:46

Tgt Ion: 74 Resp: 341803
 Ion Ratio Lower Upper
 74 100
 45 98.5 20.4 183.8

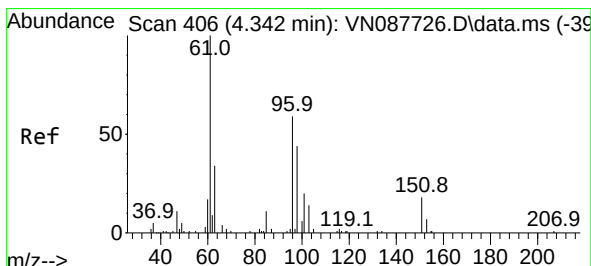
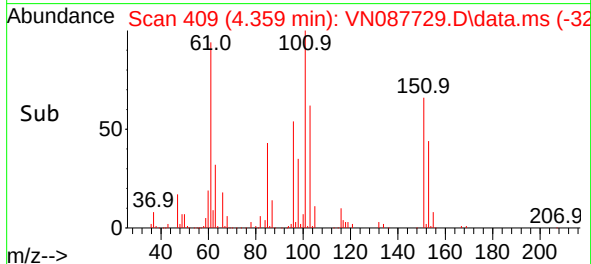
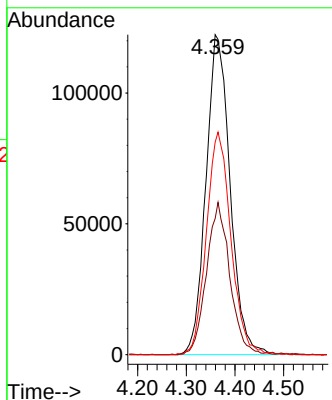
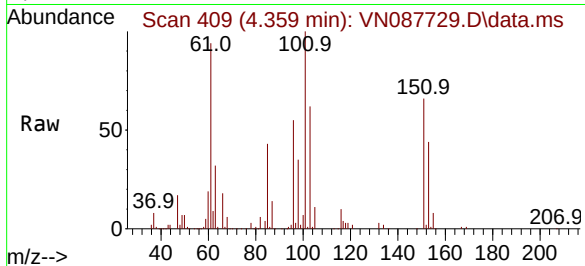




#9
1,1,2-Trichlorotrifluoroethane
Concen: 166.217 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
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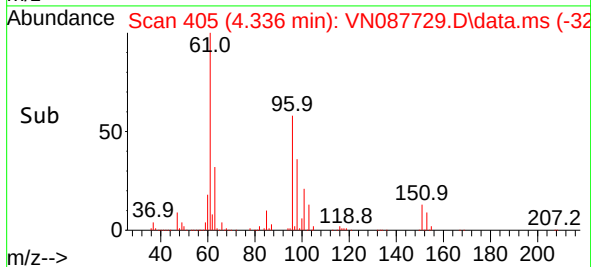
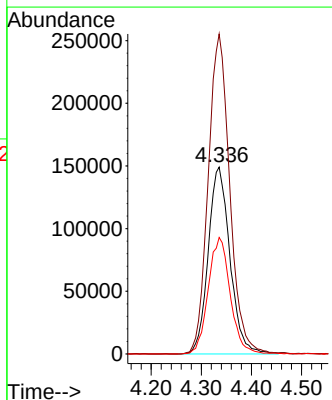
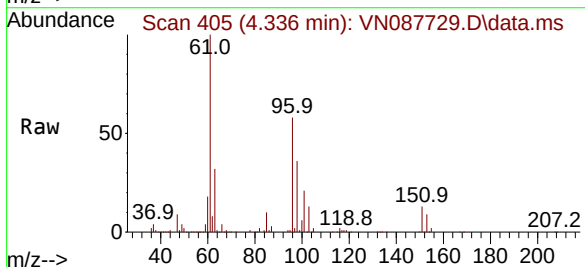
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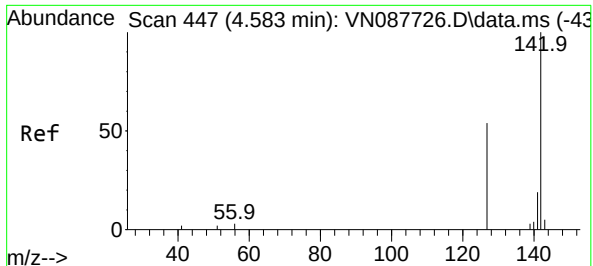
Tgt Ion:101 Resp: 422322
Ion Ratio Lower Upper
101 100
85 45.7 0.0 95.6
151 70.3 0.0 85.8



#10
1,1-Dichloroethene
Concen: 171.802 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 96 Resp: 449863
Ion Ratio Lower Upper
96 100
61 171.2 135.9 203.9
98 62.3 59.2 88.8

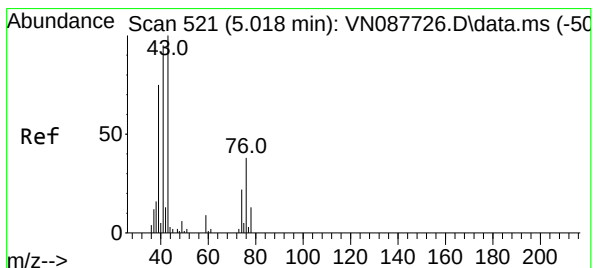
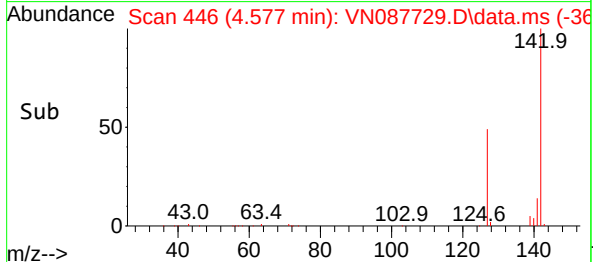
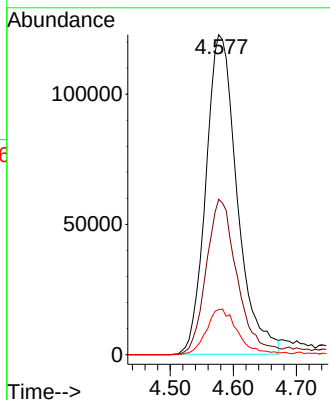
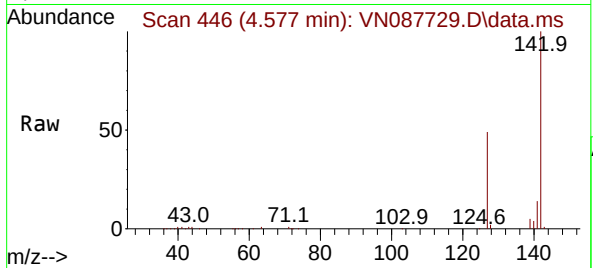




#11
Methyl Iodide
Concen: 205.284 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

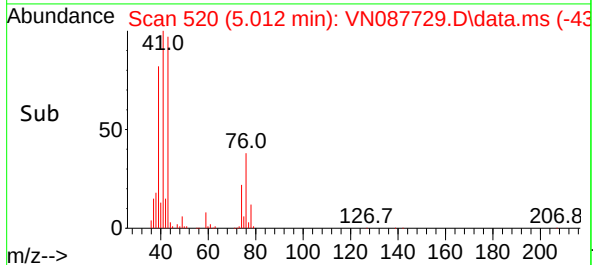
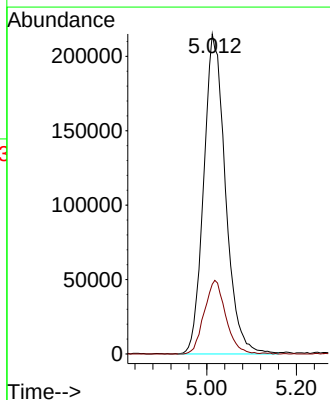
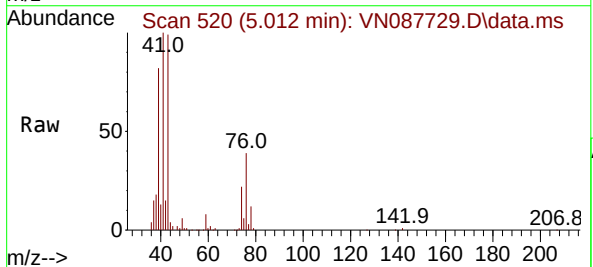
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

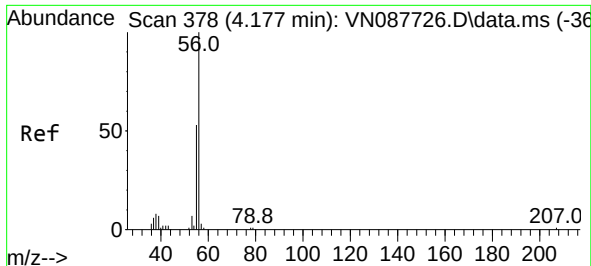
Tgt Ion:142 Resp: 421989
Ion Ratio Lower Upper
142 100
127 48.5 27.9 83.7
141 14.1 9.6 28.8



#12
Methyl Acetate
Concen: 152.583 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 43 Resp: 724097
Ion Ratio Lower Upper
43 100
74 21.8 17.5 26.3

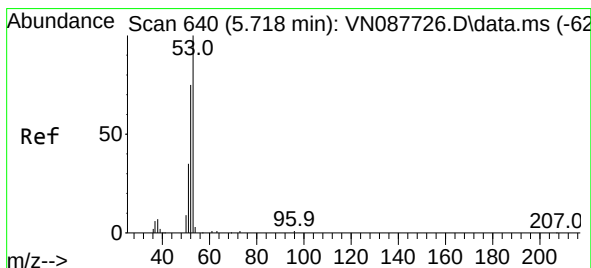
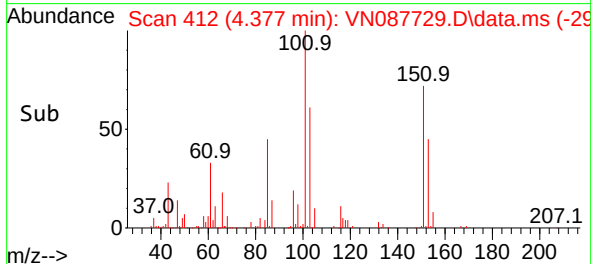
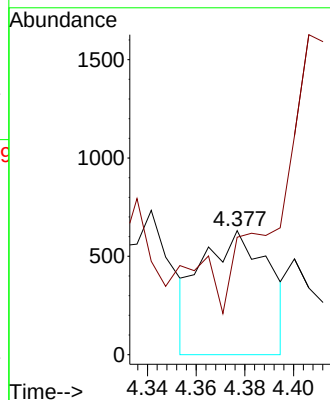
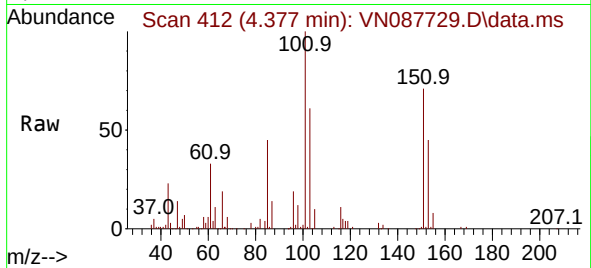




#13
Acrolein
Concen: 1.623 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.200 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

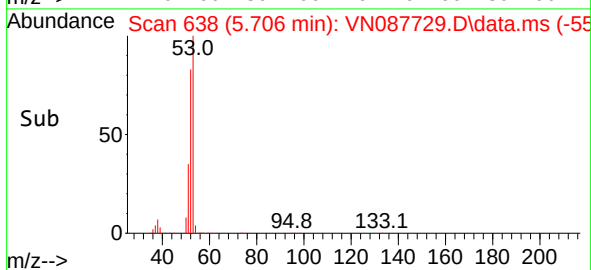
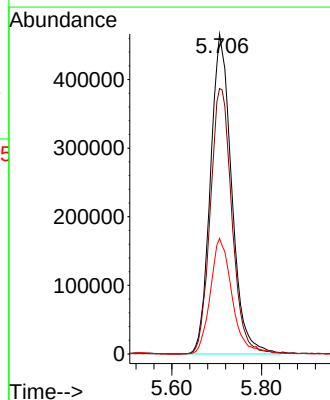
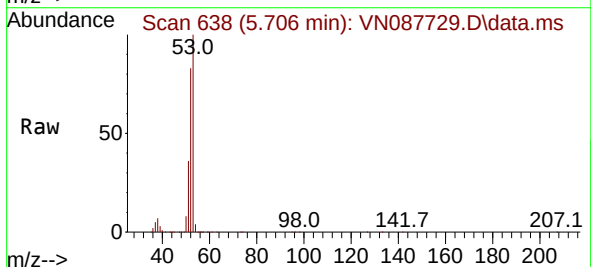
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

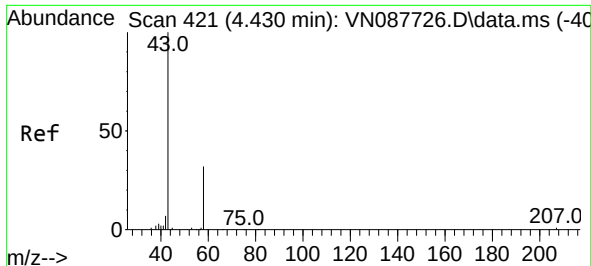
Tgt Ion: 56 Resp: 1204
Ion Ratio Lower Upper
56 100
55 35.0 28.6 42.8



#14
Acrylonitrile
Concen: 749.724 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.012 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 53 Resp: 1538968
Ion Ratio Lower Upper
53 100
52 84.3 40.9 122.7
51 37.0 18.1 54.1

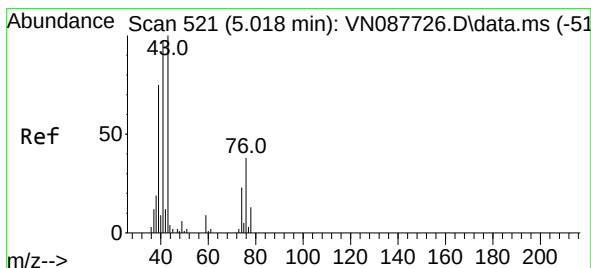
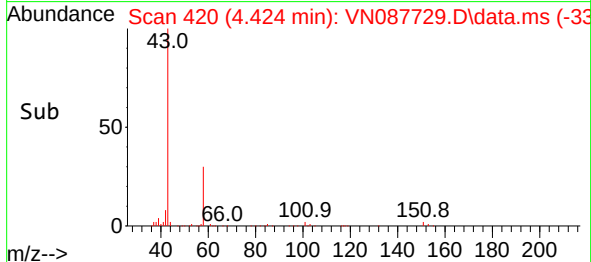
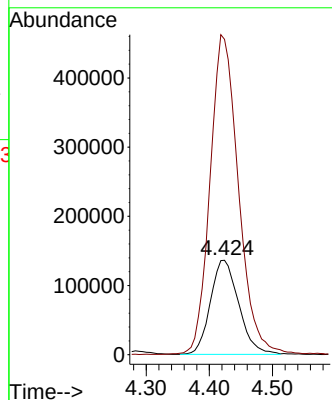
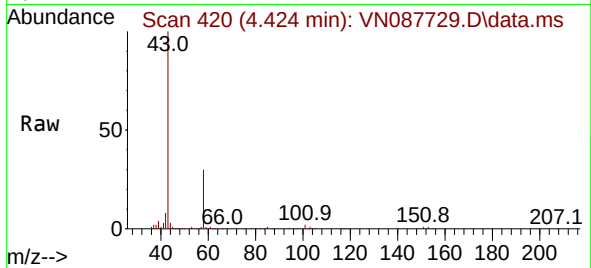




#15
Acetone
Concen: 730.123 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

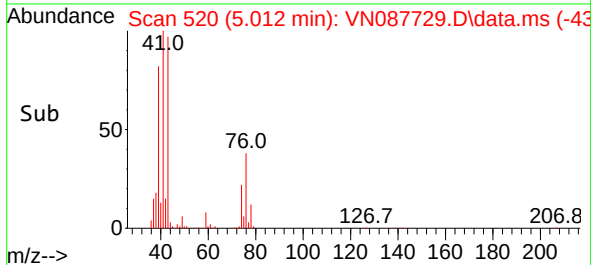
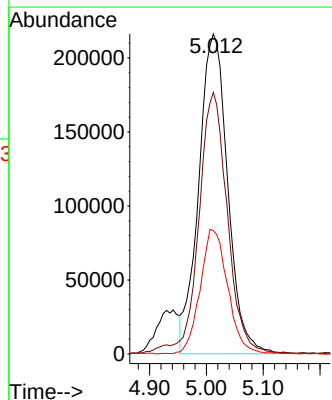
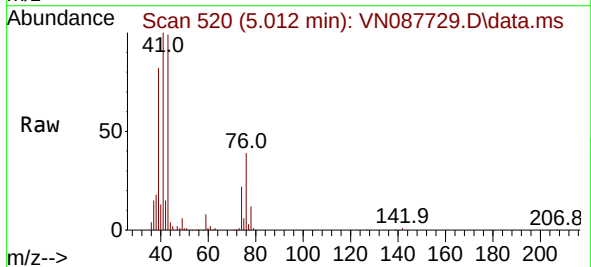
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

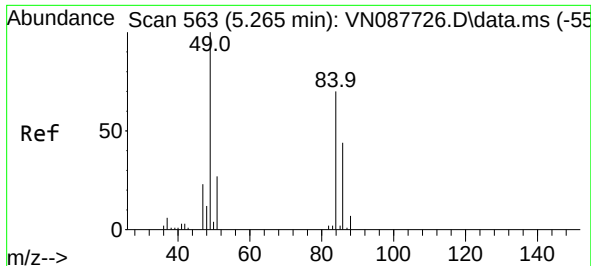
Tgt Ion: 58 Resp: 425162
Ion Ratio Lower Upper
58 100
43 333.3 250.6 376.0



#17
Allyl chloride
Concen: 148.357 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 41 Resp: 766742
Ion Ratio Lower Upper
41 100
39 81.7 36.7 110.1
76 38.5 18.3 54.8

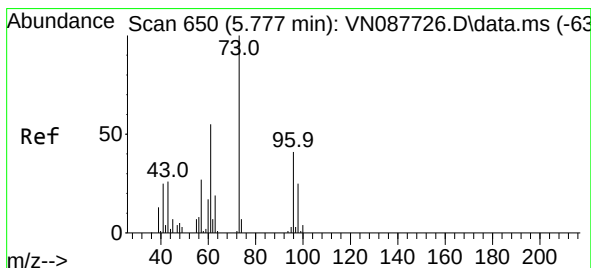
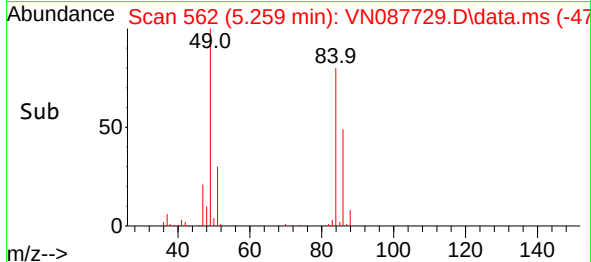
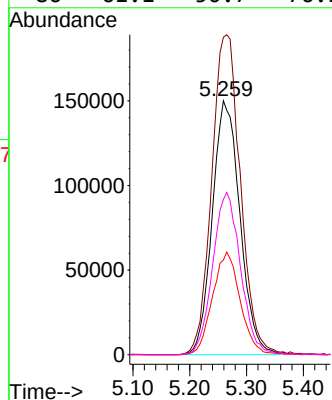
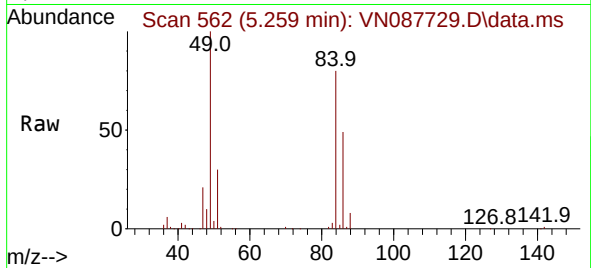




#18
Methylene Chloride
Concen: 153.709 ug/l
RT: 5.259 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

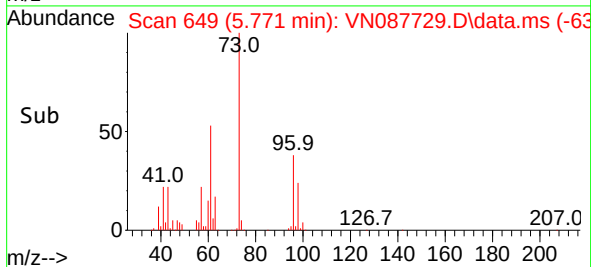
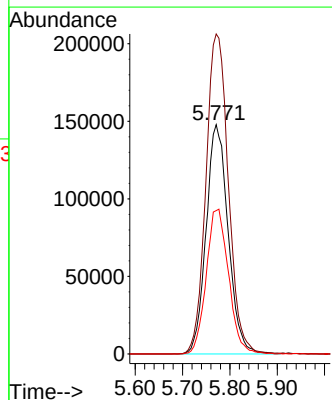
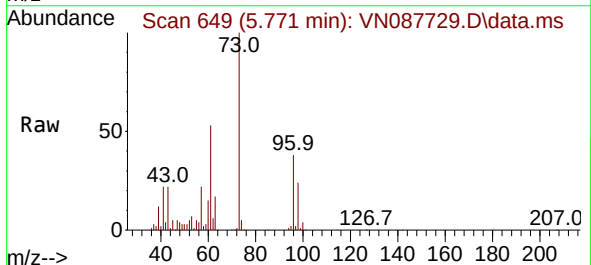
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

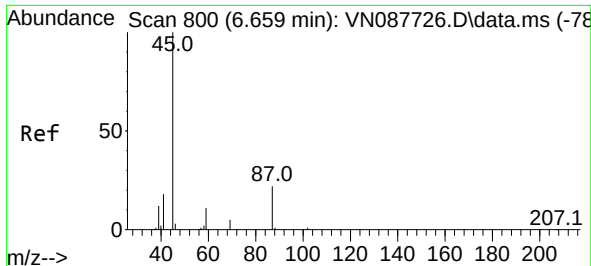
Tgt Ion: 84 Resp: 507725
Ion Ratio Lower Upper
84 100
49 124.9 114.1 171.1
51 37.3 30.2 45.4
86 61.1 50.7 76.1



#19
trans-1,2-Dichloroethene
Concen: 156.377 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

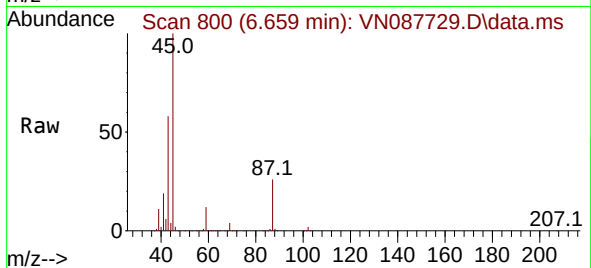
Tgt Ion: 96 Resp: 477957
Ion Ratio Lower Upper
96 100
61 139.5 106.4 159.6
98 62.5 48.9 73.3





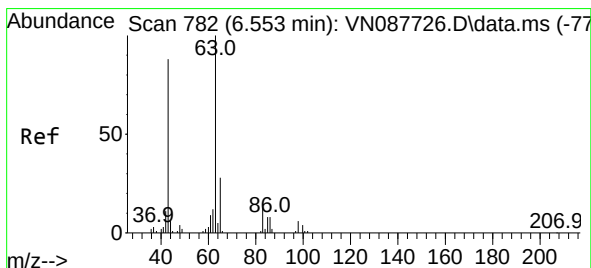
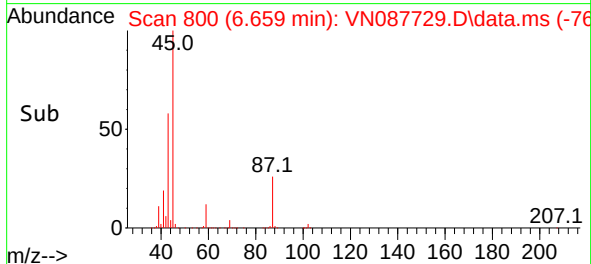
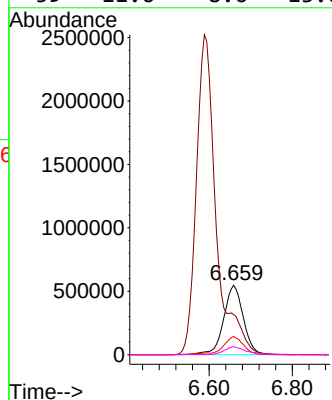
#20
Diisopropyl ether
Concen: 152.305 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 45 Resp: 1793426

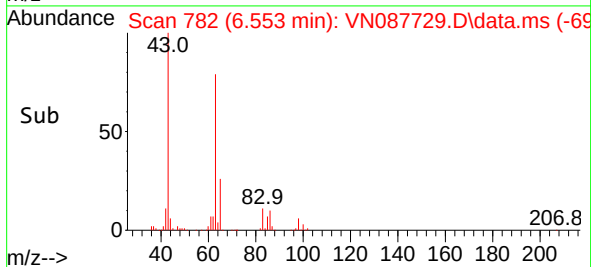
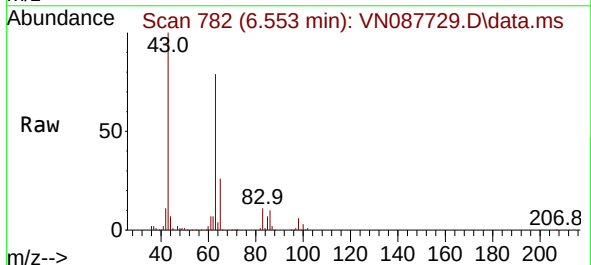
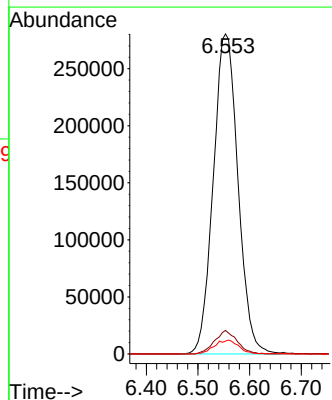
Ion	Ratio	Lower	Upper
45	100		
43	57.1	49.5	74.3
87	26.1	18.8	28.2
59	11.6	8.6	13.0

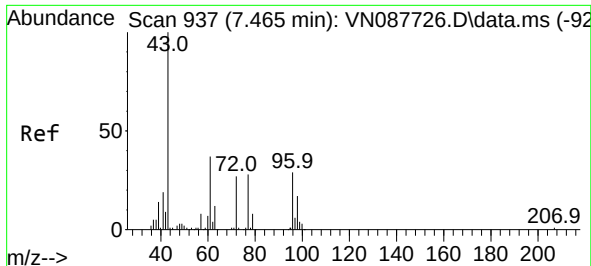


#21
1,1-Dichloroethane
Concen: 152.104 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 63 Resp: 931404

Ion	Ratio	Lower	Upper
63	100		
98	7.4	2.9	8.8
100	4.0	1.8	5.3

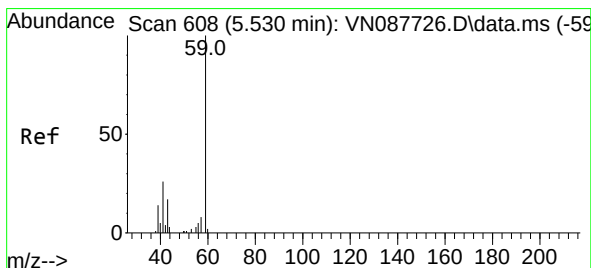
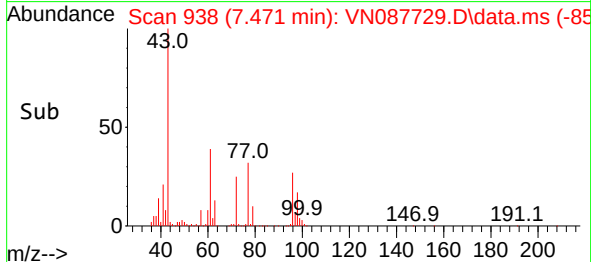
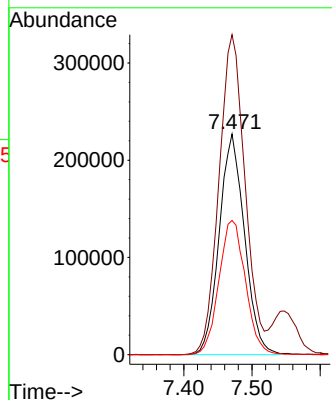
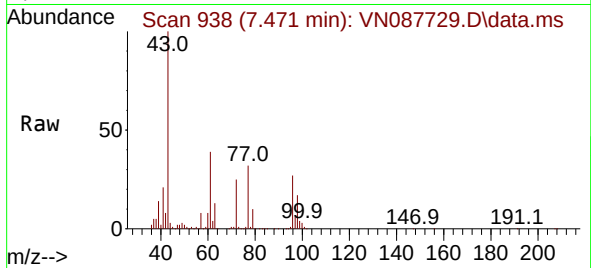




#22
 cis-1,2-Dichloroethene
 Concen: 156.802 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087729.D
 Acq: 04 Sep 2025 17:46

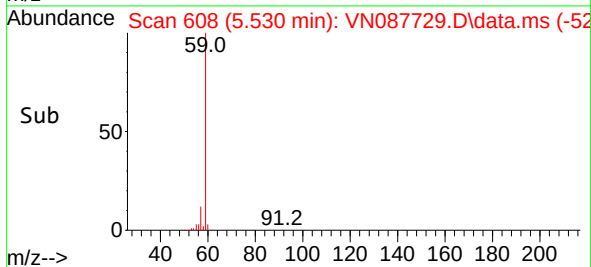
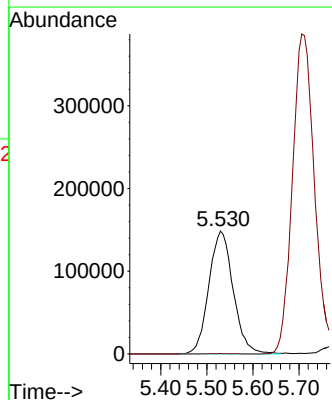
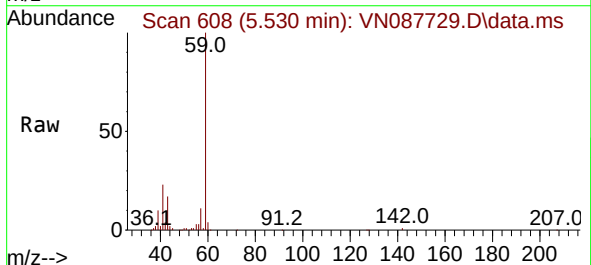
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

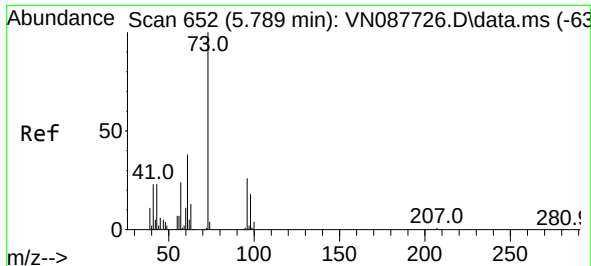
Tgt Ion: 96 Resp: 586326
 Ion Ratio Lower Upper
 96 100
 61 149.1 118.2 177.2
 98 63.7 51.6 77.4



#23
 tert-Butyl Alcohol
 Concen: 639.163 ug/l
 RT: 5.530 min Scan# 608
 Delta R.T. -0.000 min
 Lab File: VN087729.D
 Acq: 04 Sep 2025 17:46

Tgt Ion: 59 Resp: 545385
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0#

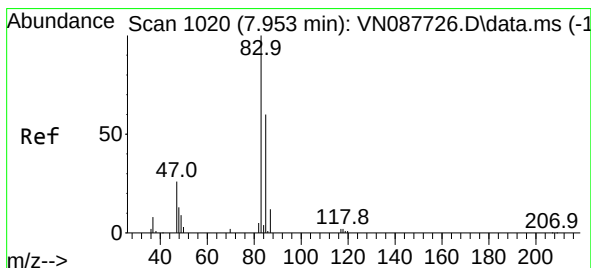
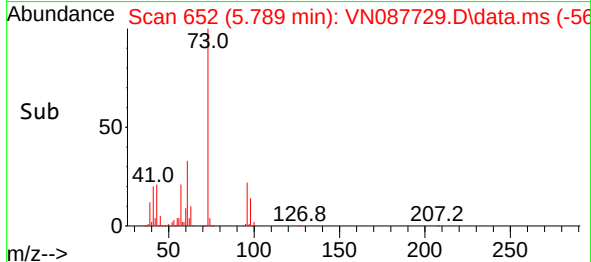
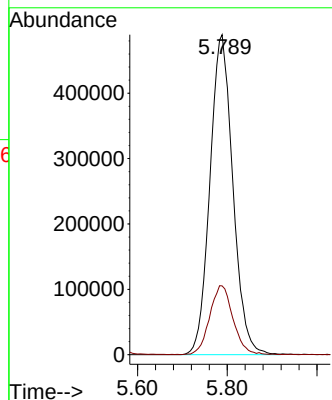
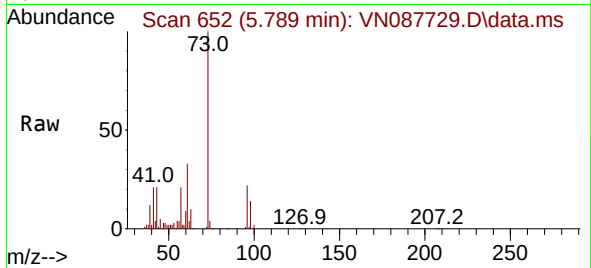




#24
Methyl tert-Butyl Ether
Concen: 151.610 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

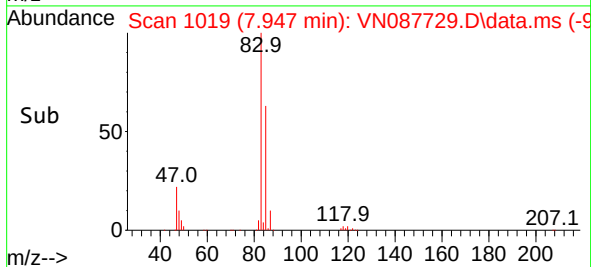
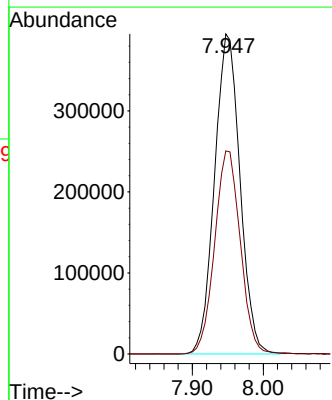
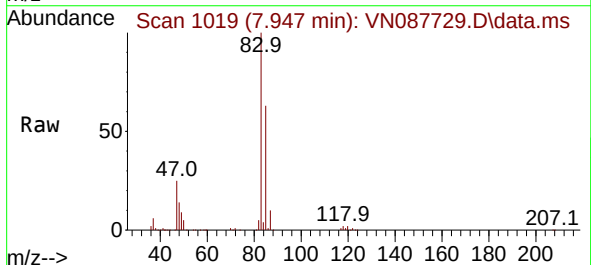
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

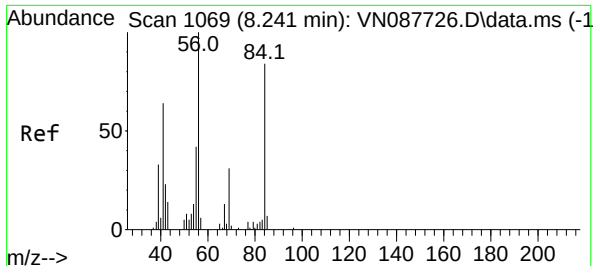
Tgt Ion: 73 Resp: 1739496
Ion Ratio Lower Upper
73 100
43 21.9 16.8 25.2



#25
Chloroform
Concen: 152.526 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 83 Resp: 983285
Ion Ratio Lower Upper
83 100
85 63.4 47.7 71.5

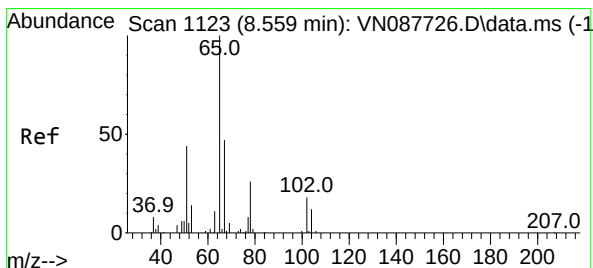
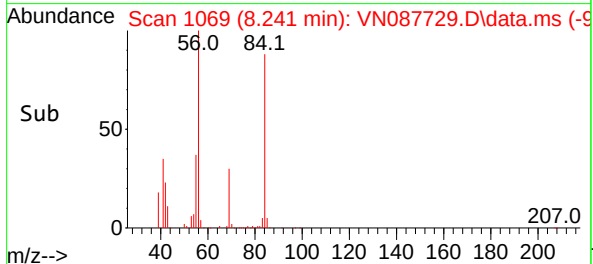
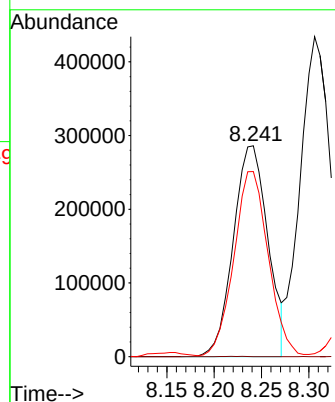
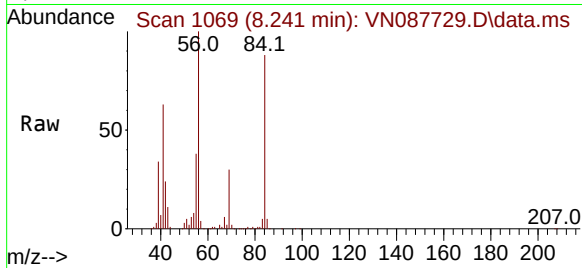




#26
Cyclohexane
Concen: 150.164 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

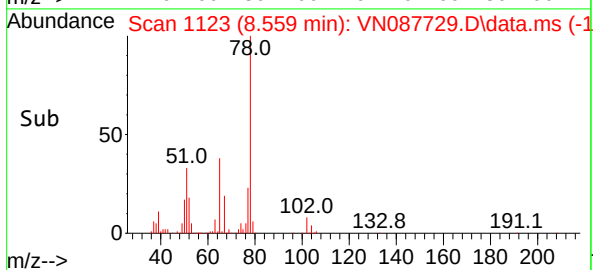
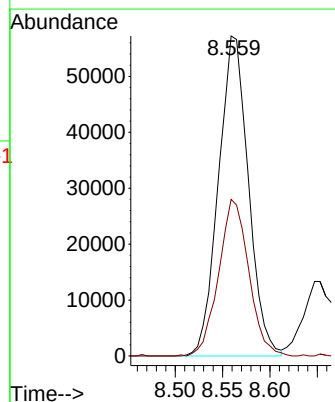
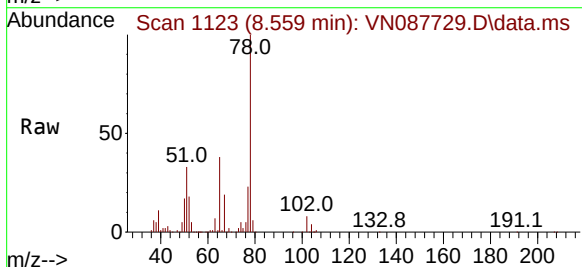
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

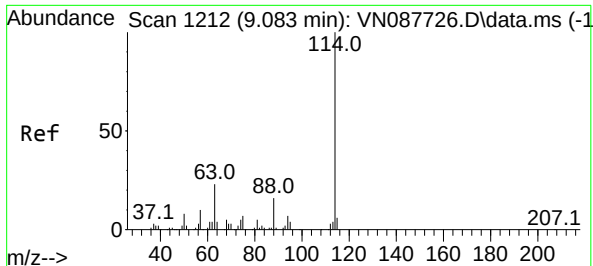
Tgt Ion: 56 Resp: 727166
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 87.6 69.4 104.2



#27
1,2-Dichloroethane-d4
Concen: 28.682 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 65 Resp: 125853
Ion Ratio Lower Upper
65 100
67 49.2 39.6 59.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 114

Delta R.T. -0.000 min

Lab File: VN087729.D

Acq: 04 Sep 2025 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

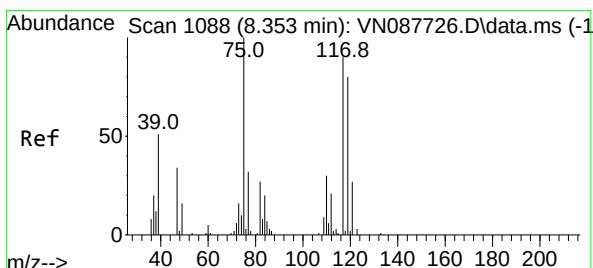
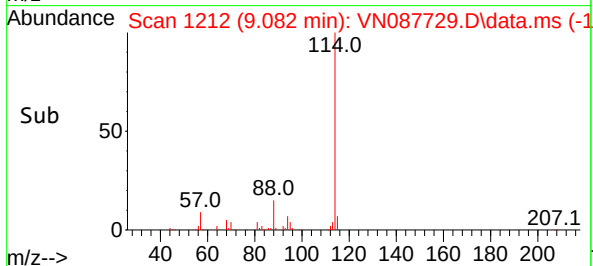
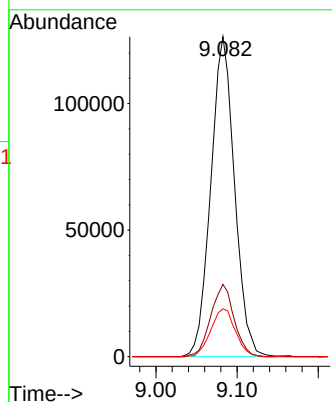
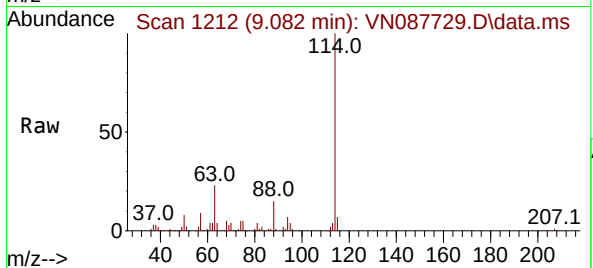
Tgt Ion:114 Resp: 256987

Ion Ratio Lower Upper

114 100

63 22.2 18.3 27.5

88 15.5 12.4 18.6



#29

1,1-Dichloropropene

Concen: 157.510 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087729.D

Acq: 04 Sep 2025 17:46

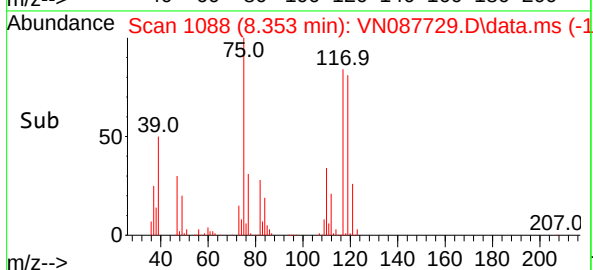
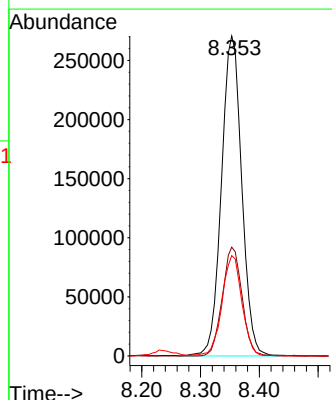
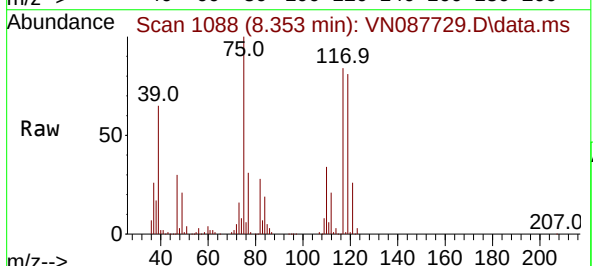
Tgt Ion: 75 Resp: 648804

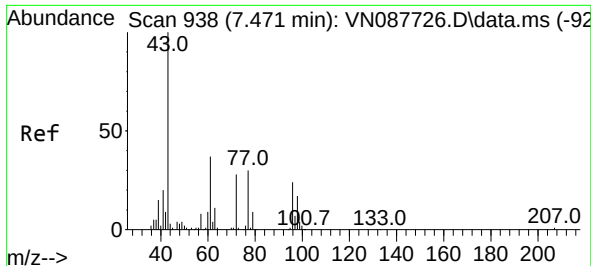
Ion Ratio Lower Upper

75 100

110 32.9 0.0 64.4

77 30.8 0.0 62.2

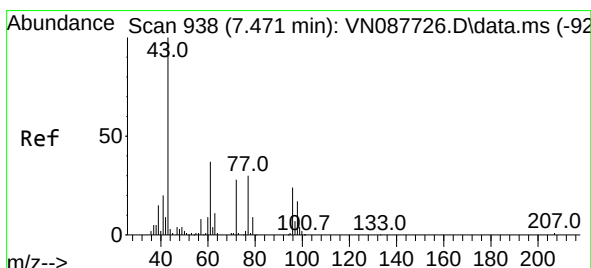
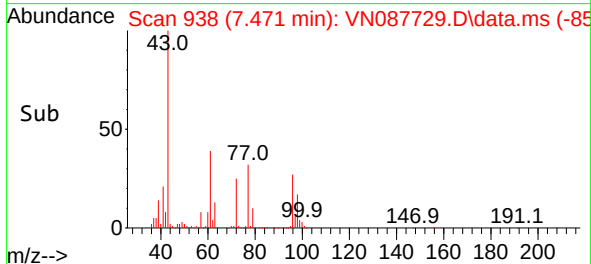
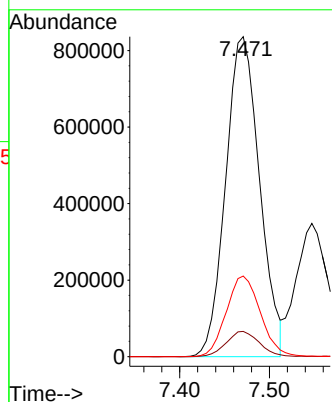
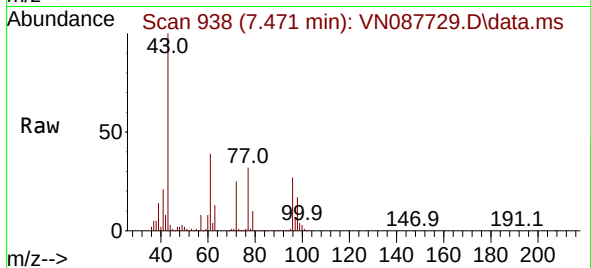




#30
2-Butanone
Concen: 736.360 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

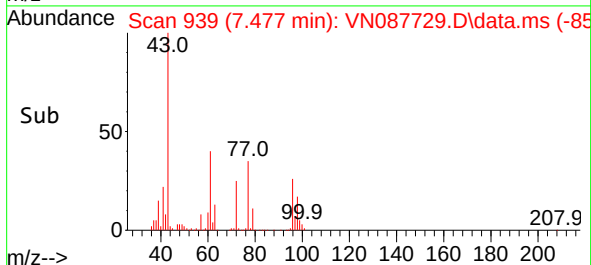
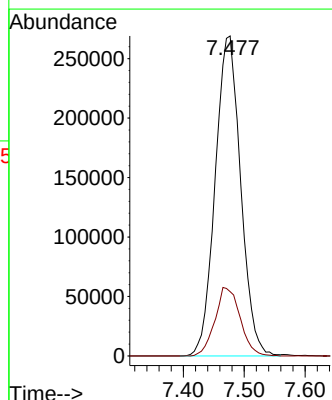
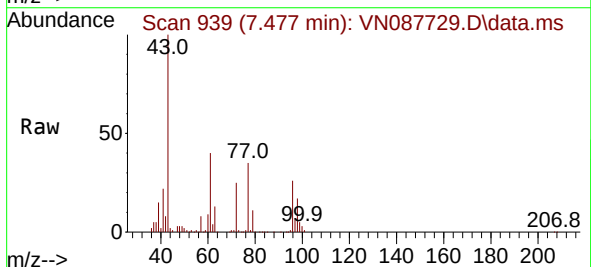
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

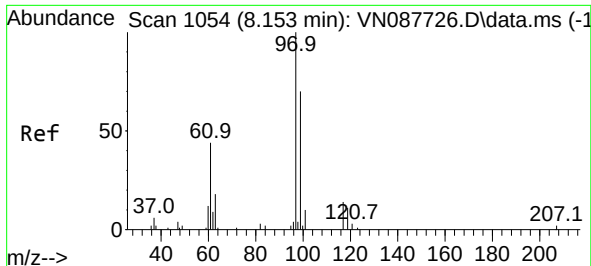
Tgt Ion: 43 Resp: 2196856
Ion Ratio Lower Upper
43 100
57 7.7 6.3 9.5
72 25.5 21.4 32.2



#31
2,2-Dichloropropane
Concen: 151.522 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 77 Resp: 781979
Ion Ratio Lower Upper
77 100
97 21.2 17.1 25.7

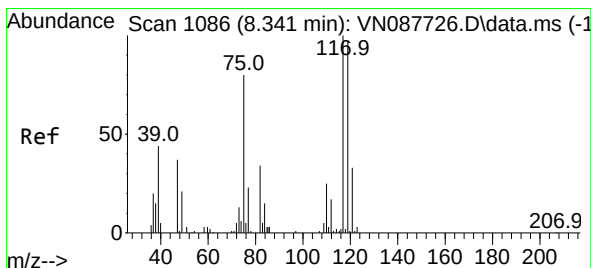
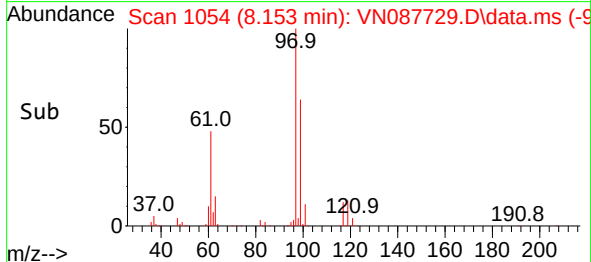
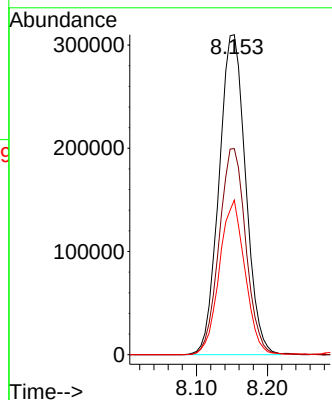
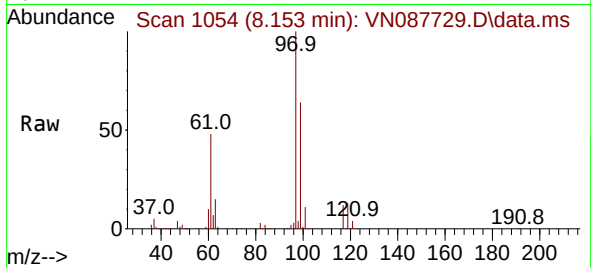




#32
1,1,1-Trichloroethane
Concen: 152.690 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

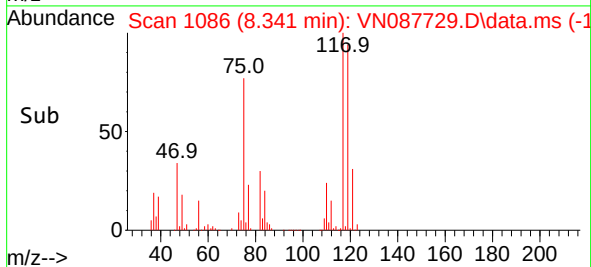
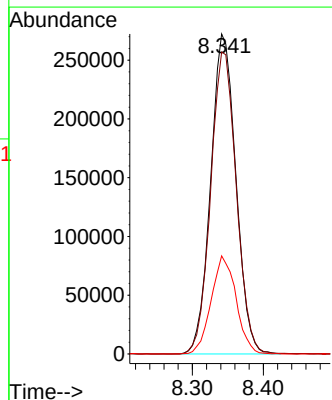
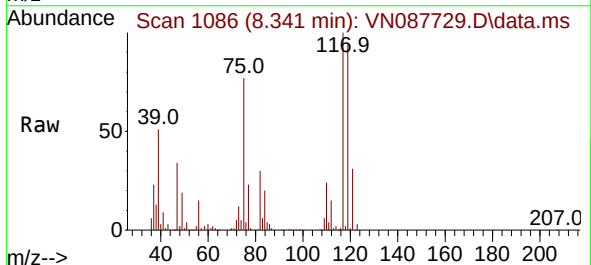
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

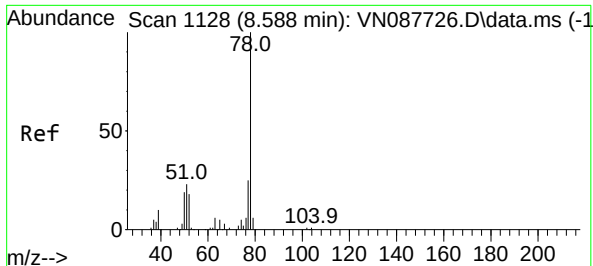
Tgt Ion: 97 Resp: 806677
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.4
61 46.5 37.9 56.9



#33
Carbon Tetrachloride
Concen: 154.283 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 117 Resp: 670757
Ion Ratio Lower Upper
117 100
119 94.3 77.3 115.9
121 30.6 26.6 39.8

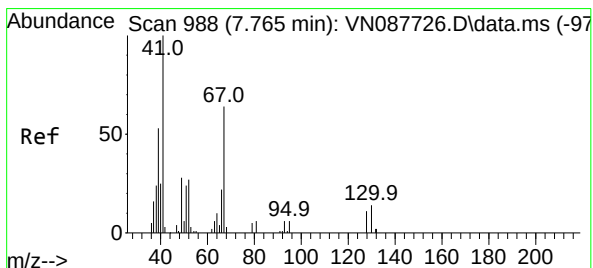
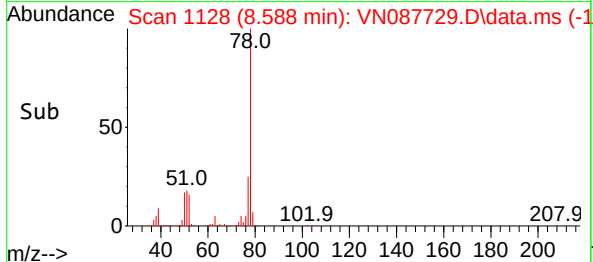
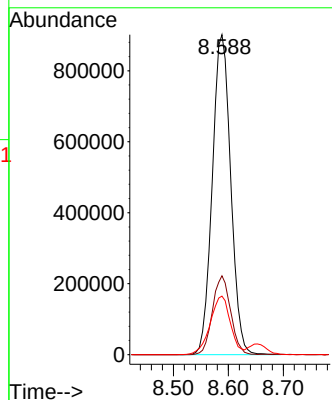
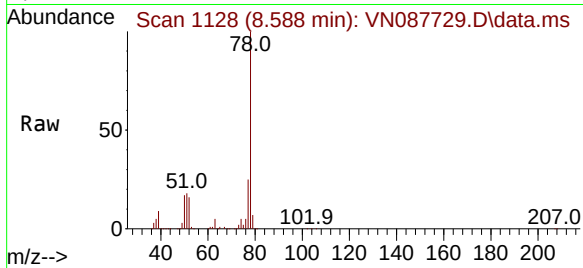




#34
Benzene
Concen: 160.910 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

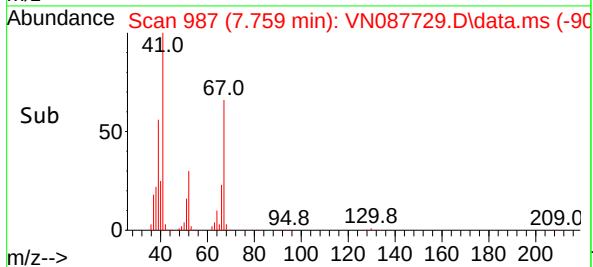
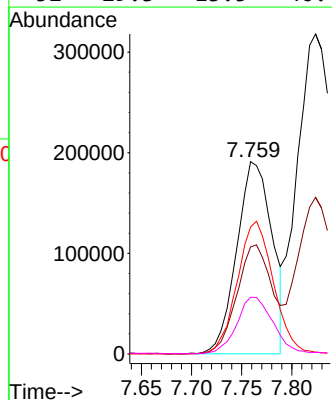
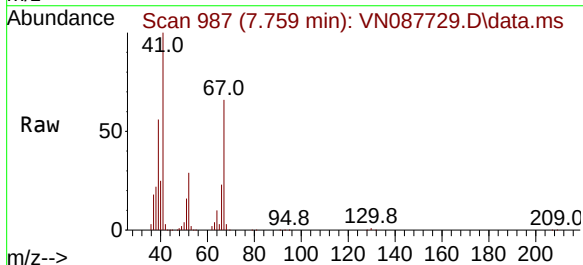
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

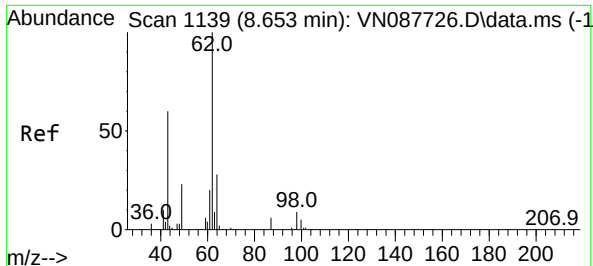
Tgt Ion: 78 Resp: 2101924
Ion Ratio Lower Upper
78 100
77 24.7 20.3 30.5
51 18.2 18.0 27.0



#35
Methacrylonitrile
Concen: 144.552 ug/l
RT: 7.759 min Scan# 987
Delta R.T. -0.006 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 41 Resp: 468477
Ion Ratio Lower Upper
41 100
39 55.7 27.1 81.2
67 66.2 32.1 96.5
52 29.3 13.5 40.4





#36

1,2-Dichloroethane

Concen: 147.988 ug/l

RT: 8.653 min Scan# 1139

Delta R.T. -0.000 min

Lab File: VN087729.D

Acq: 04 Sep 2025 17:46

Instrument :

MSVOA_N

ClientSampleId :

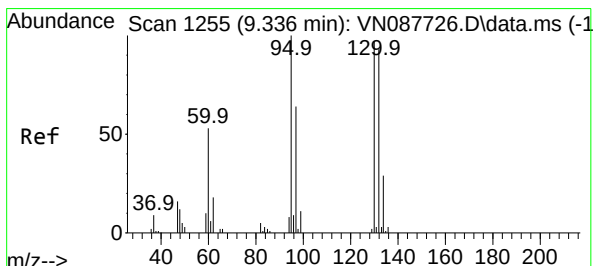
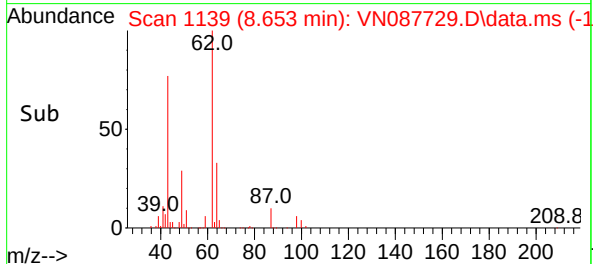
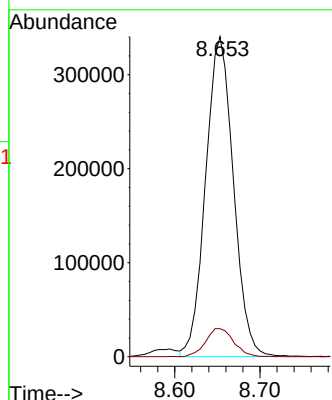
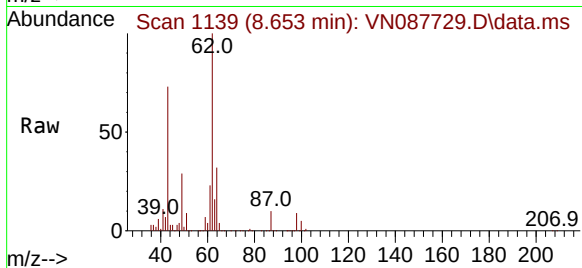
VSTDIC150

Tgt Ion: 62 Resp: 770632

Ion Ratio Lower Upper

62 100

98 8.9 7.2 10.8



#37

Trichloroethene

Concen: 159.355 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087729.D

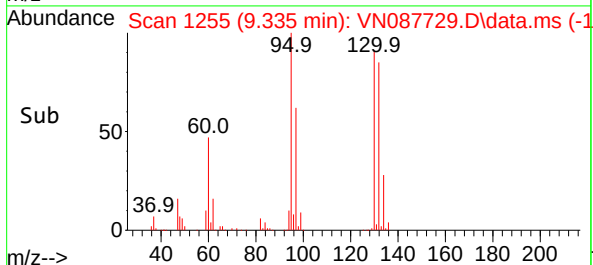
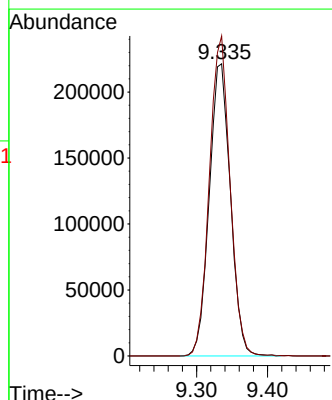
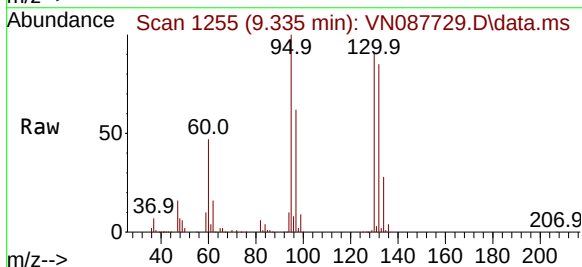
Acq: 04 Sep 2025 17:46

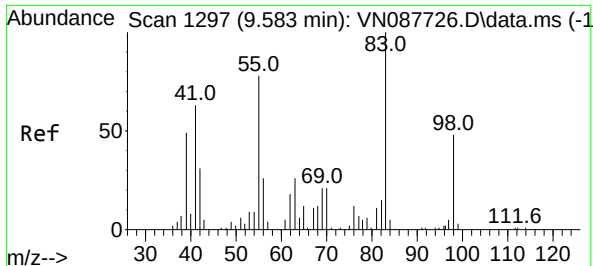
Tgt Ion:130 Resp: 458415

Ion Ratio Lower Upper

130 100

95 109.5 82.7 124.1





#38

Methylcyclohexane

Concen: 149.907 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087729.D

Acq: 04 Sep 2025 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

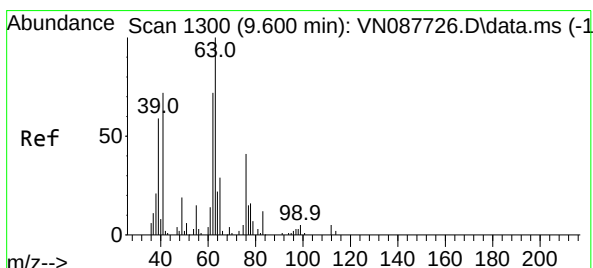
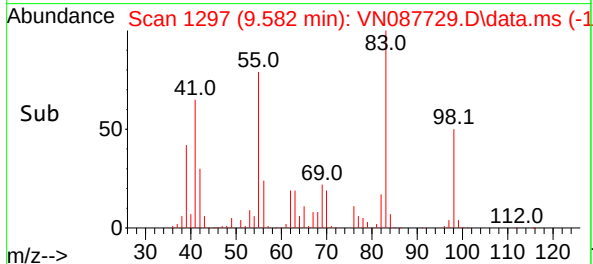
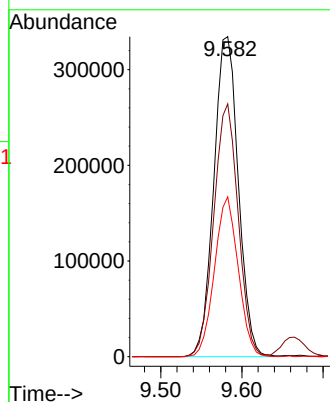
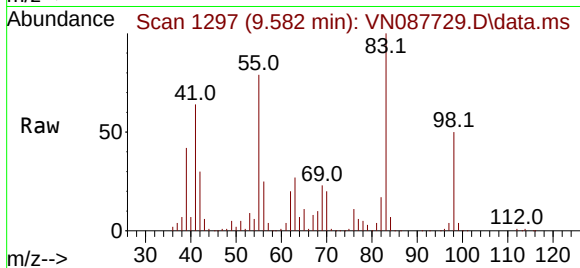
Tgt Ion: 83 Resp: 704436

Ion Ratio Lower Upper

83 100

55 78.6 40.4 121.1

98 48.2 24.0 72.0



#39

1,2-Dichloropropane

Concen: 159.192 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087729.D

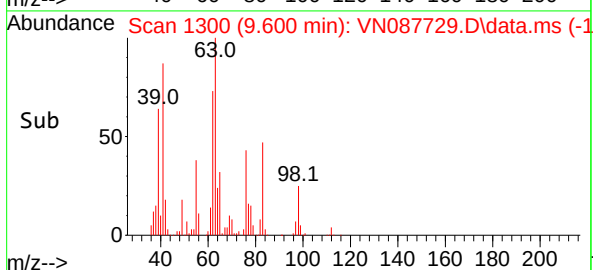
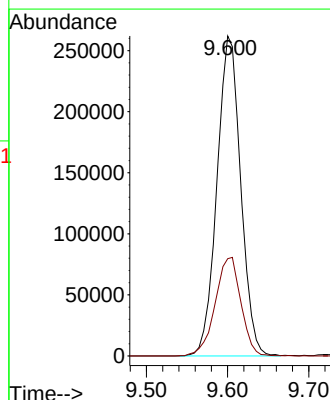
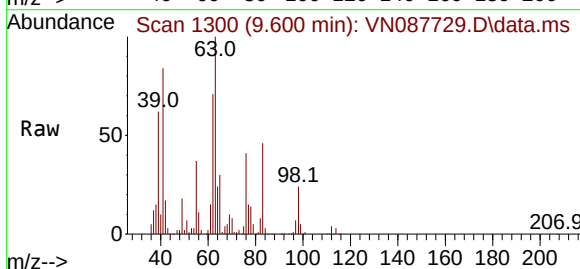
Acq: 04 Sep 2025 17:46

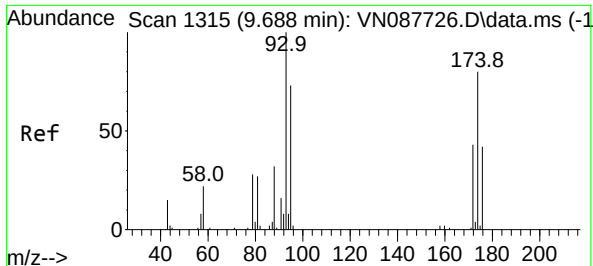
Tgt Ion: 63 Resp: 532904

Ion Ratio Lower Upper

63 100

65 30.3 24.1 36.1

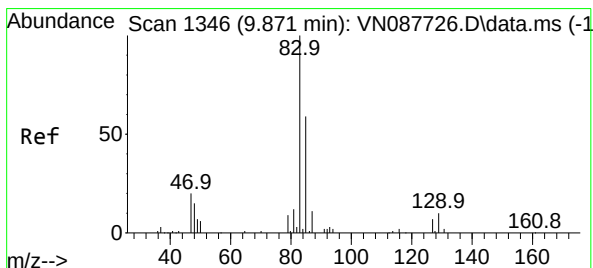
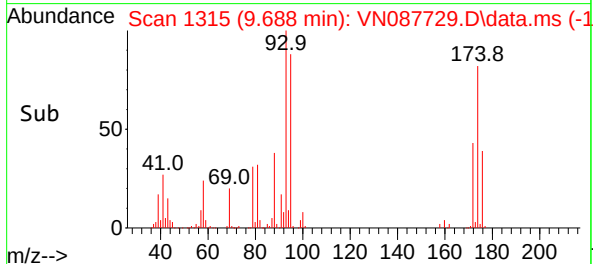
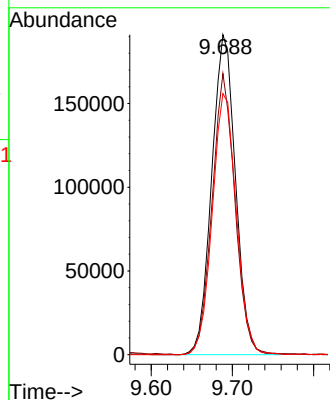
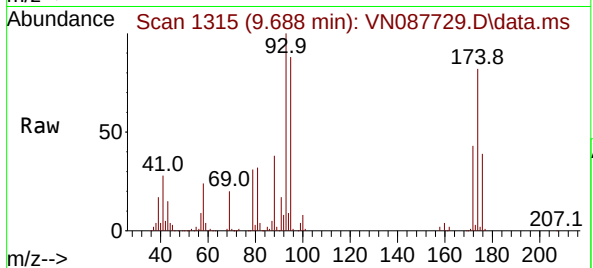




#40
Dibromomethane
Concen: 155.837 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

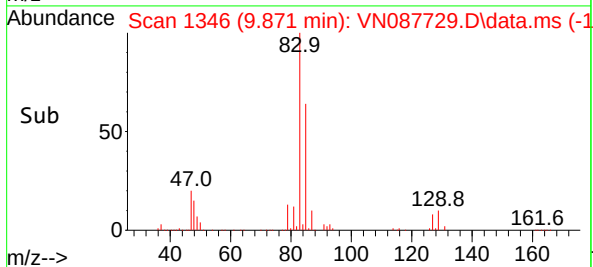
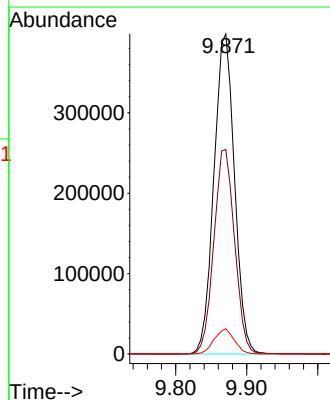
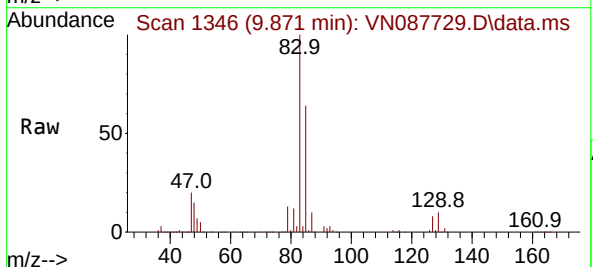
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

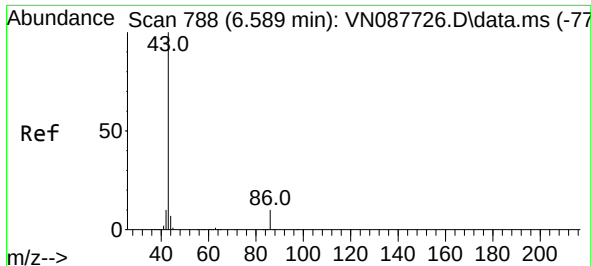
Tgt Ion: 93 Resp: 390063
Ion Ratio Lower Upper
93 100
95 84.4 0.0 168.4
174 82.4 0.0 162.8



#41
Bromodichloromethane
Concen: 153.294 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 83 Resp: 801266
Ion Ratio Lower Upper
83 100
85 63.9 47.3 70.9
127 7.9 5.2 7.8#

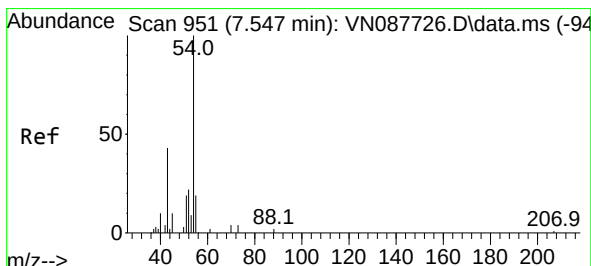
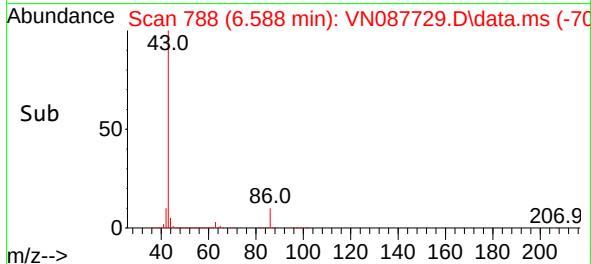
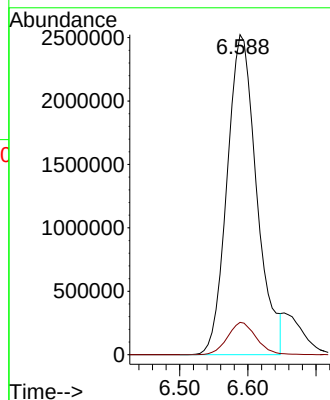
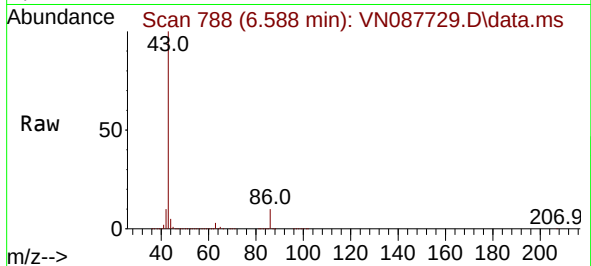




#42
 Vinyl Acetate
 Concen: 776.186 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN087729.D
 Acq: 04 Sep 2025 17:46

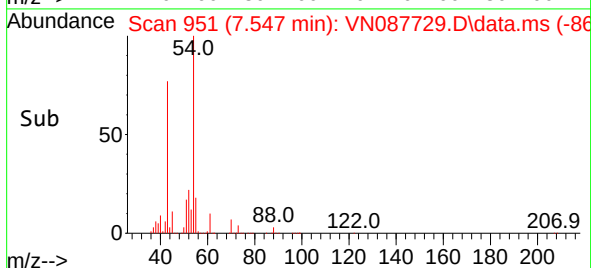
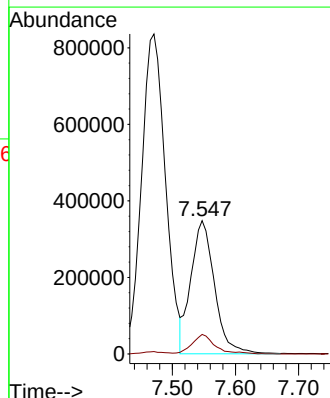
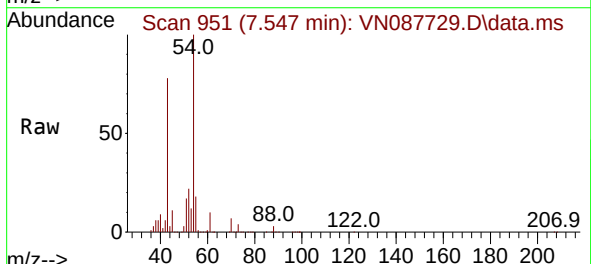
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

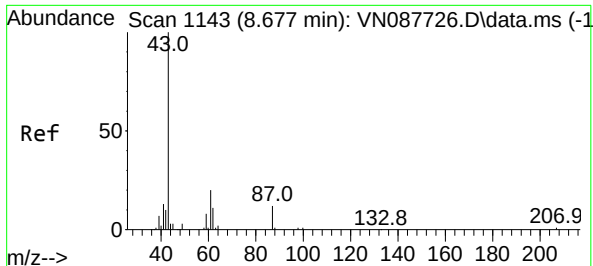
Tgt Ion: 43 Resp: 7618340
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.7 11.5



#43
 Ethyl Acetate
 Concen: 153.686 ug/l
 RT: 7.547 min Scan# 951
 Delta R.T. -0.000 min
 Lab File: VN087729.D
 Acq: 04 Sep 2025 17:46

Tgt Ion: 43 Resp: 903610
 Ion Ratio Lower Upper
 43 100
 45 12.1 10.5 15.7





#44

Isopropyl Acetate

Concen: 149.330 ug/l

RT: 8.671 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VN087729.D

Acq: 04 Sep 2025 17:46

Instrument :

MSVOA_N

ClientSampleId :

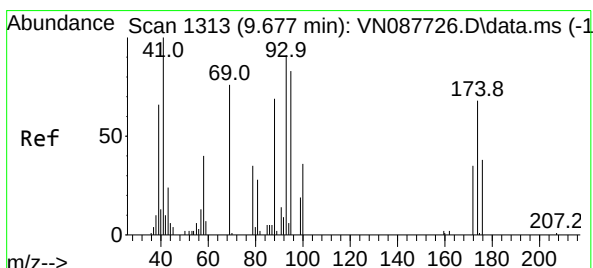
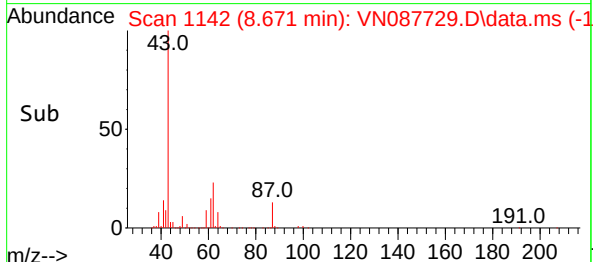
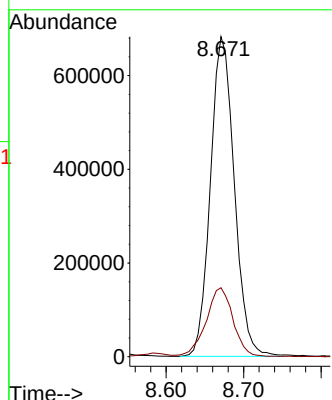
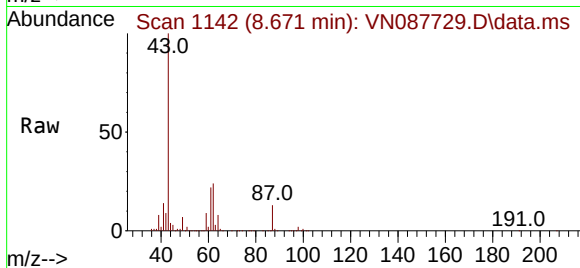
VSTDIC150

Tgt Ion: 43 Resp: 1460618

Ion Ratio Lower Upper

43 100

61 24.4 19.5 29.3



#45

1,4-Dioxane

Concen: 3001.771 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087729.D

Acq: 04 Sep 2025 17:46

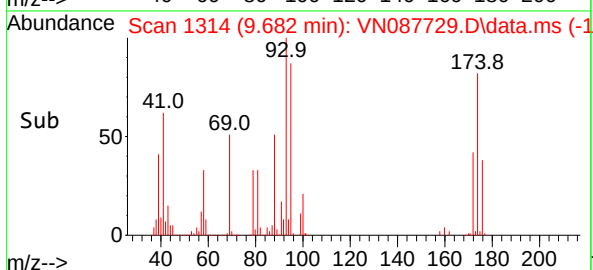
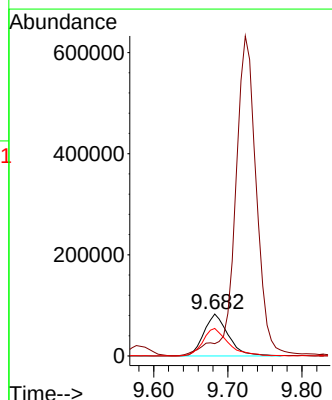
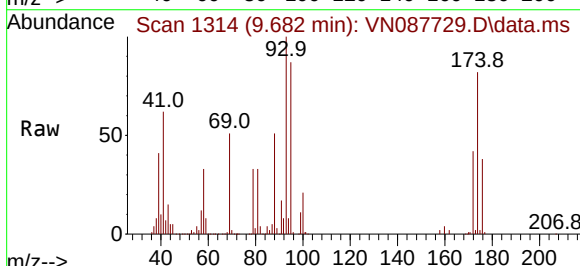
Tgt Ion: 88 Resp: 187970

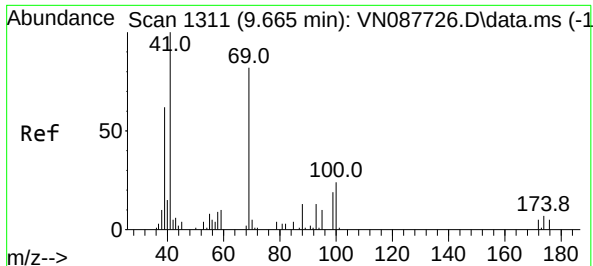
Ion Ratio Lower Upper

88 100

43 22.4 23.6 35.4#

58 69.0 60.5 90.7

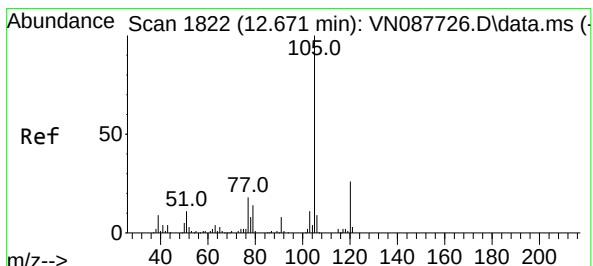
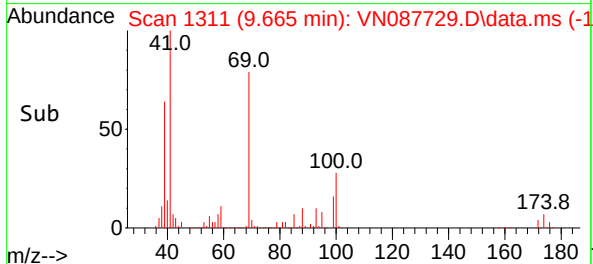
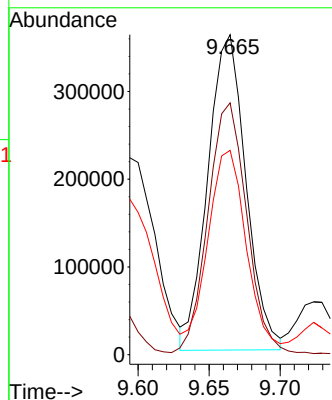
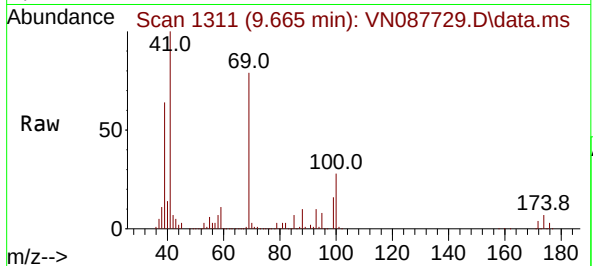




#46
Methyl methacrylate
Concen: 146.351 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

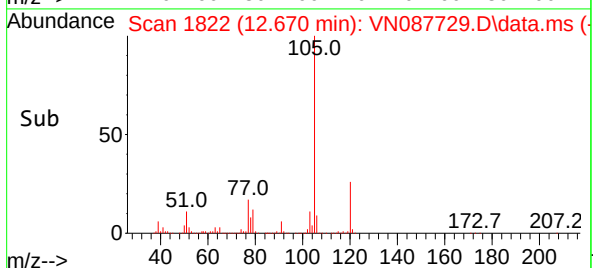
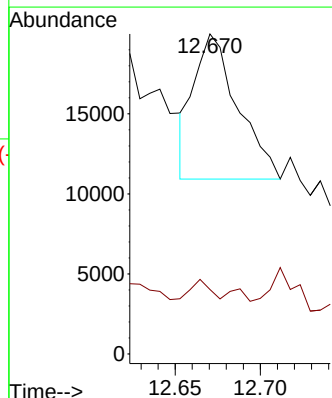
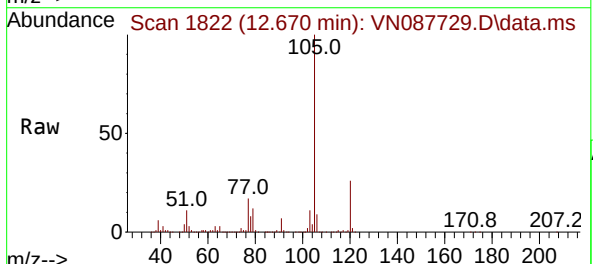
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

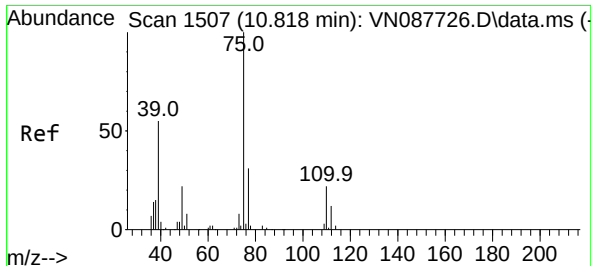
Tgt Ion: 41 Resp: 670040
Ion Ratio Lower Upper
41 100
69 80.7 40.3 120.9
39 63.7 31.9 95.9



#47
n-amy1 Acetate
Concen: 2.853 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 43 Resp: 16227
Ion Ratio Lower Upper
43 100
55 5.8 0.7 1.1#

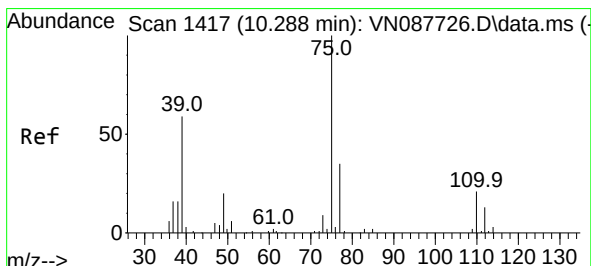
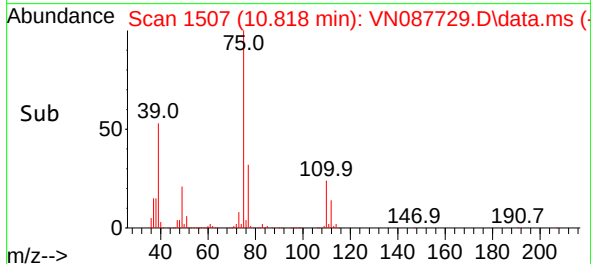
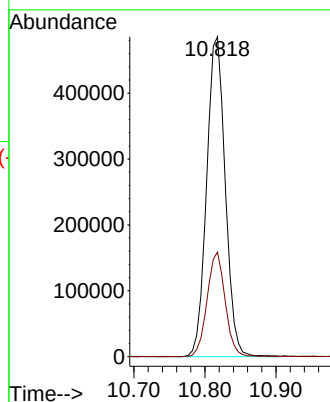
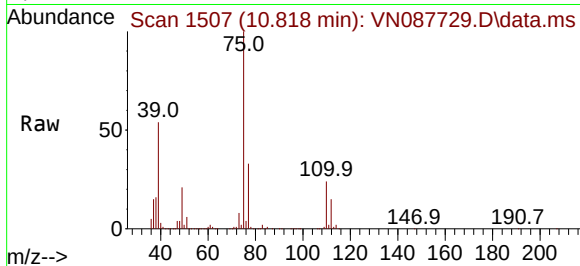




#48
t-1,3-Dichloropropene
Concen: 158.851 ug/l
RT: 10.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

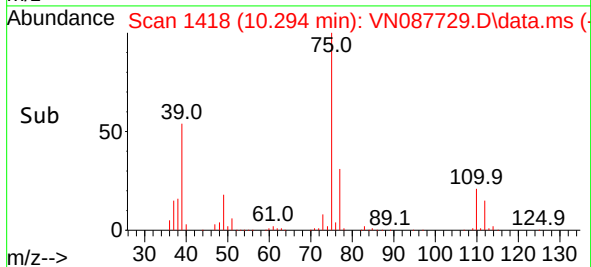
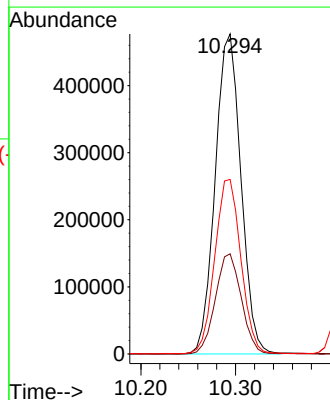
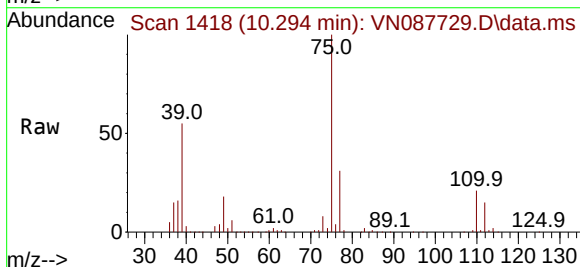
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

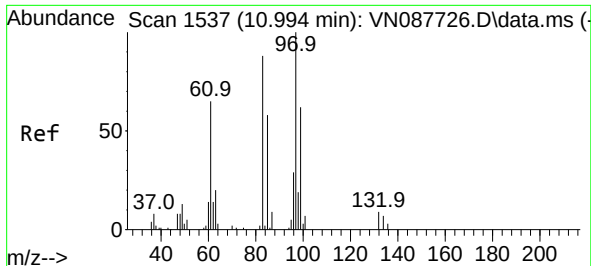
Tgt Ion: 75 Resp: 885111
Ion Ratio Lower Upper
75 100
77 32.7 24.7 37.1



#49
cis-1,3-Dichloropropene
Concen: 160.315 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 75 Resp: 901540
Ion Ratio Lower Upper
75 100
77 31.3 27.8 41.6
39 54.5 47.6 71.4

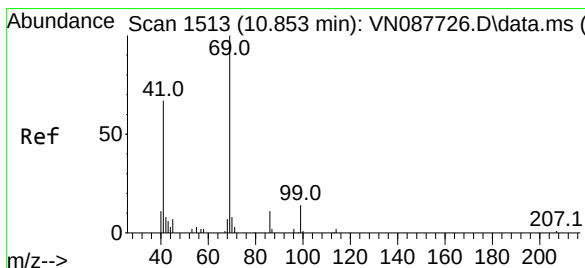
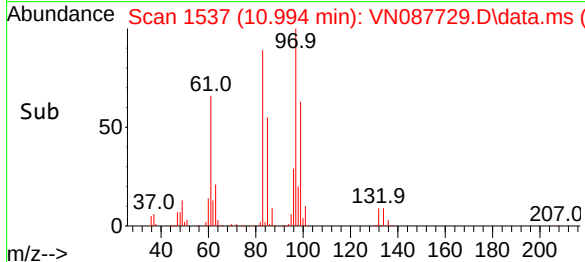
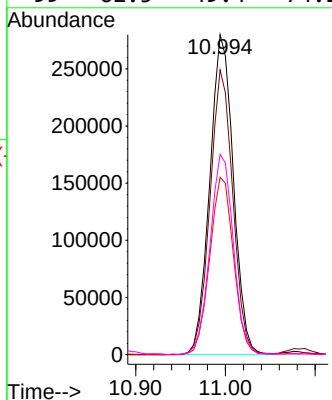
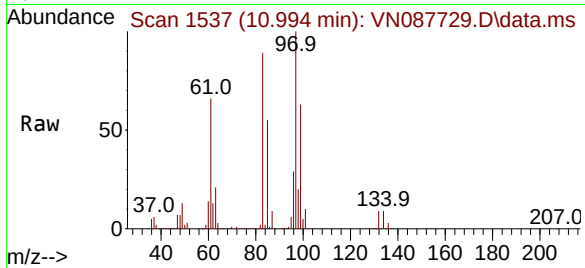




#50
1,1,2-Trichloroethane
Concen: 160.824 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

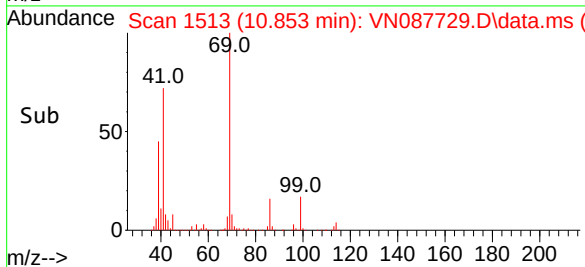
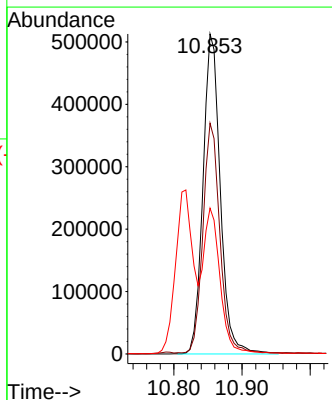
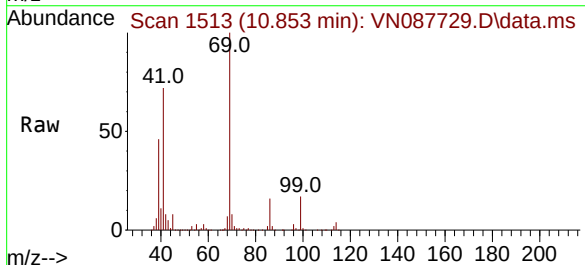
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

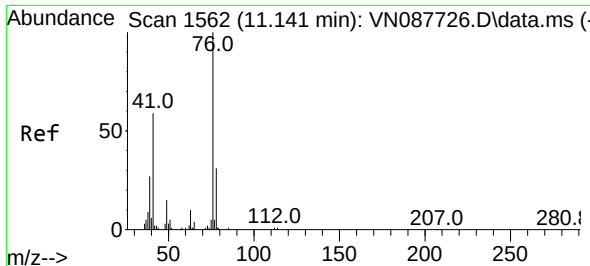
Tgt Ion: 97 Resp: 511317
Ion Ratio Lower Upper
97 100
83 89.0 70.5 105.7
85 55.4 46.3 69.5
99 62.5 49.4 74.2



#51
Ethyl methacrylate
Concen: 167.159 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 69 Resp: 906831
Ion Ratio Lower Upper
69 100
41 71.7 33.7 101.0
39 45.3 20.3 60.9

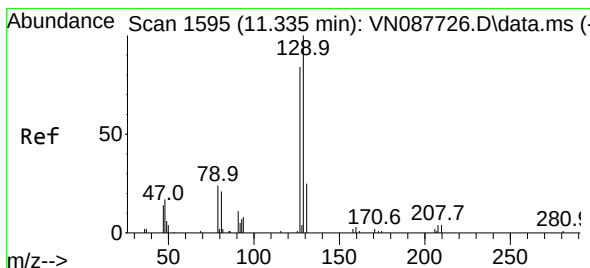
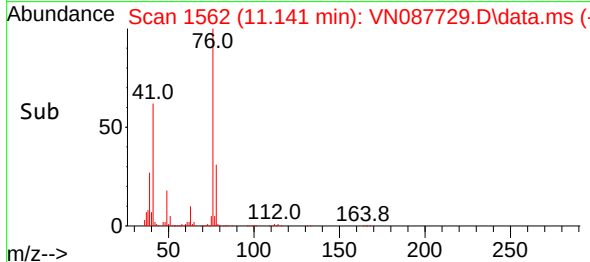
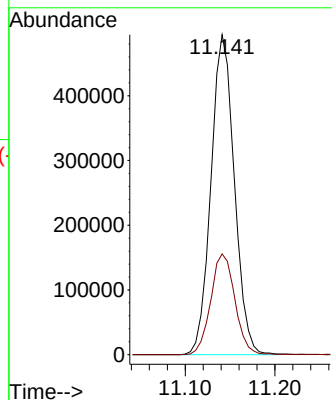
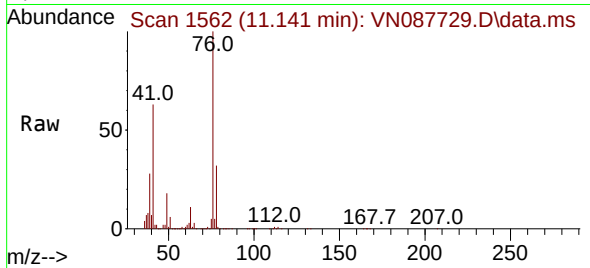




#52
1,3-Dichloropropane
Concen: 156.782 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

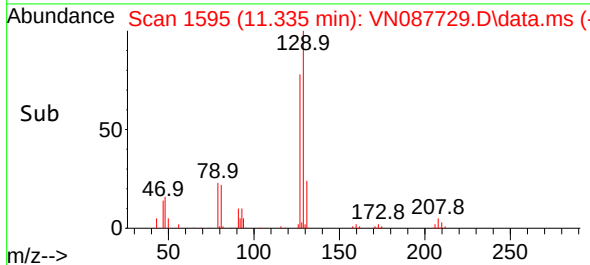
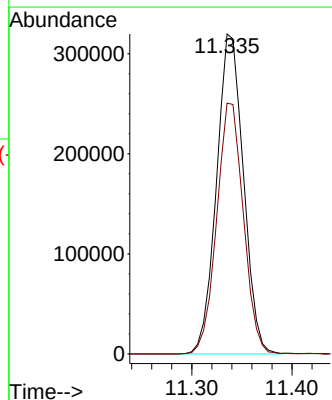
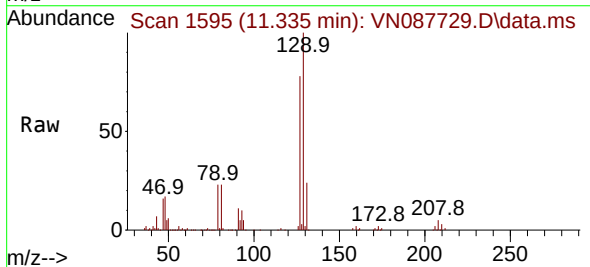
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

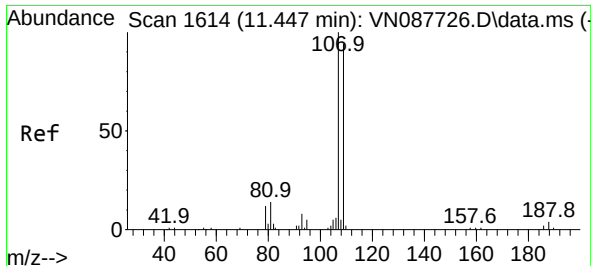
Tgt Ion: 76 Resp: 893642
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.2



#53
Dibromochloromethane
Concen: 164.776 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 129 Resp: 596338
Ion Ratio Lower Upper
129 100
127 77.7 42.6 128.0

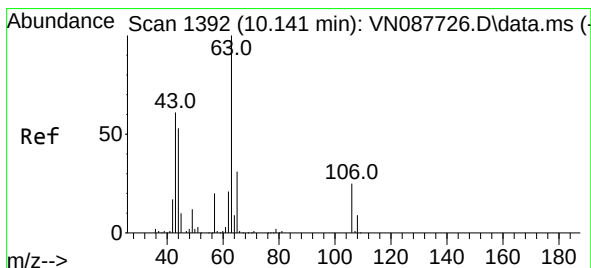
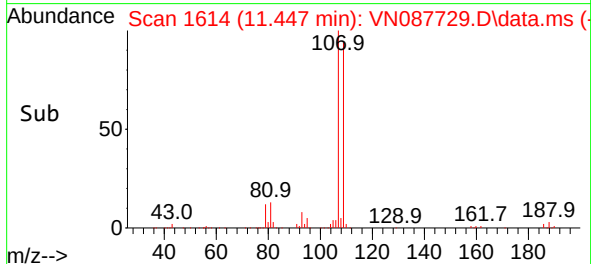
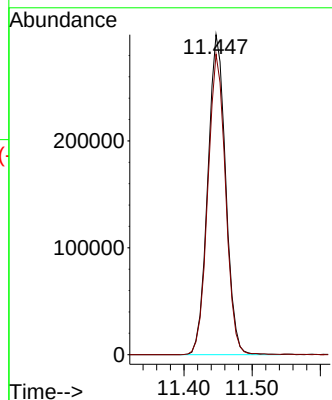
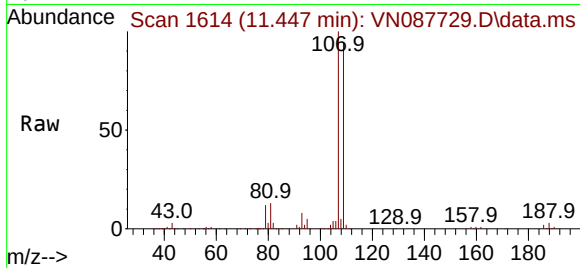




#54
1,2-Dibromoethane
Concen: 163.081 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

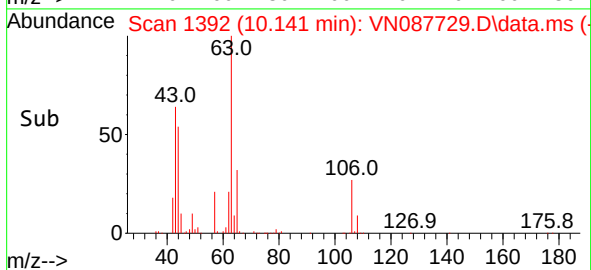
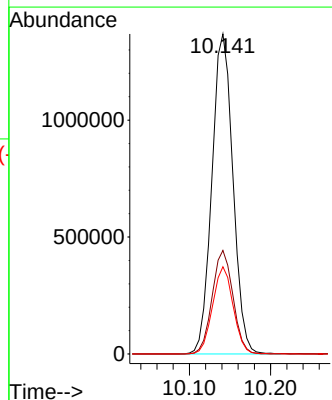
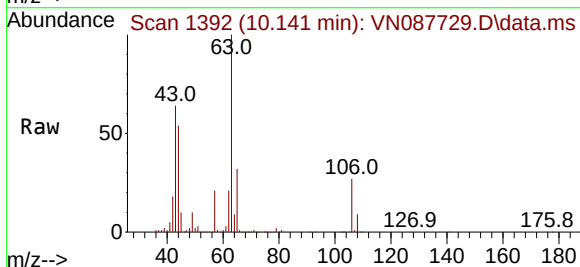
Instrument :
MSVOA_N
ClientSampleId :
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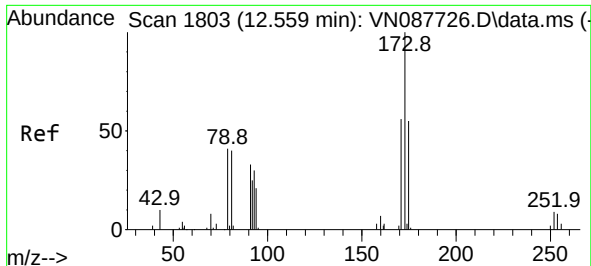
Tgt Ion:107 Resp: 546357
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0



#55
2-Chloroethyl vinyl ether
Concen: 840.927 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 63 Resp: 2464831
Ion Ratio Lower Upper
63 100
65 32.0 26.6 40.0
106 26.7 21.1 31.7

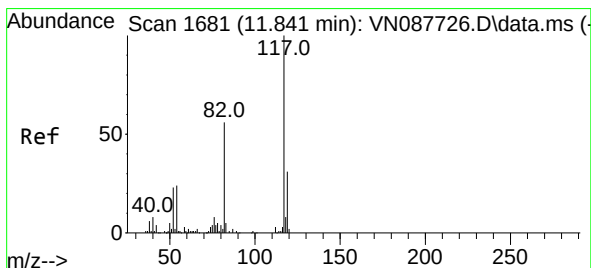
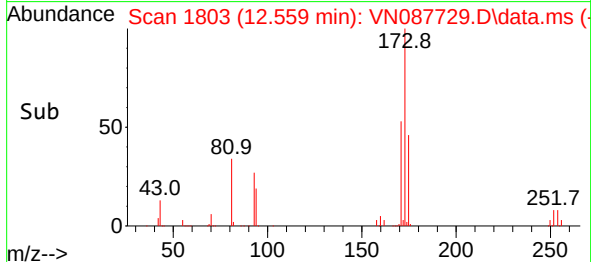
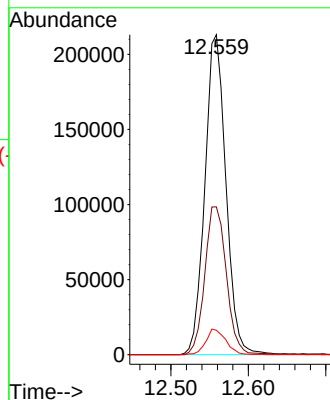
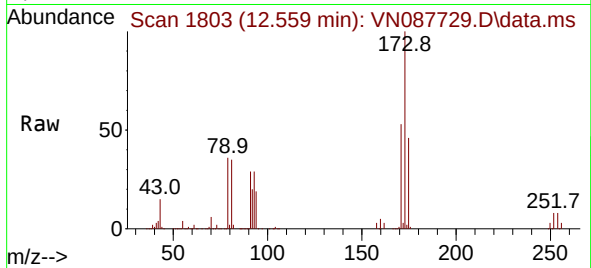




#56
Bromoform
Concen: 167.746 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

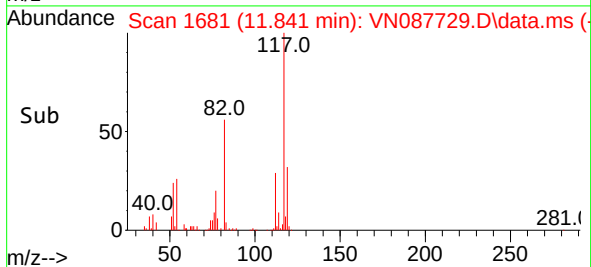
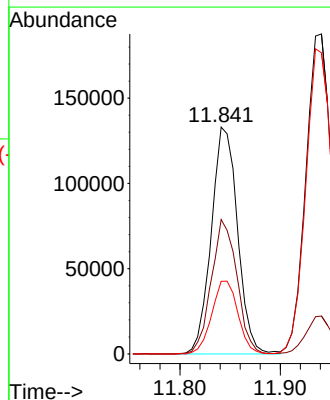
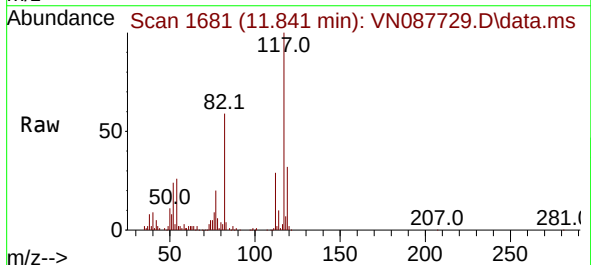
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

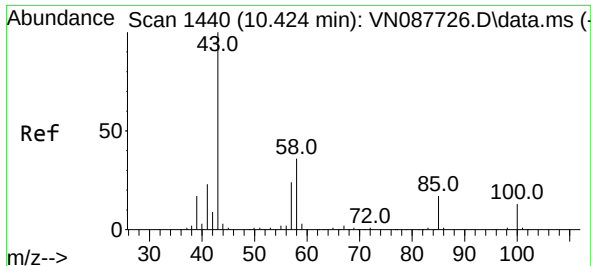
Tgt Ion:173 Resp: 402223
Ion Ratio Lower Upper
173 100
175 47.4 39.8 59.6
254 7.6 6.2 9.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion:117 Resp: 242434
Ion Ratio Lower Upper
117 100
82 57.7 45.9 68.9
119 32.0 25.3 37.9

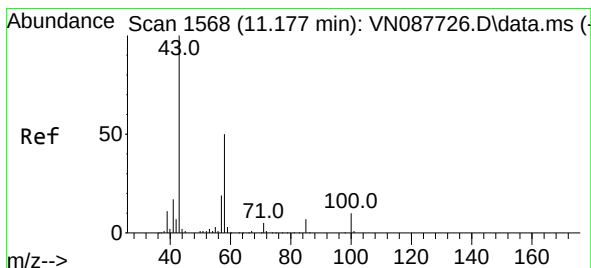
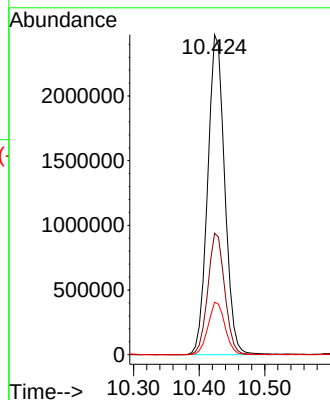
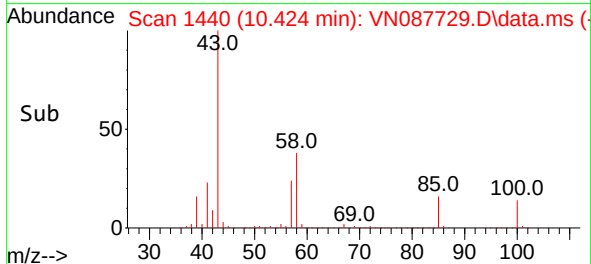
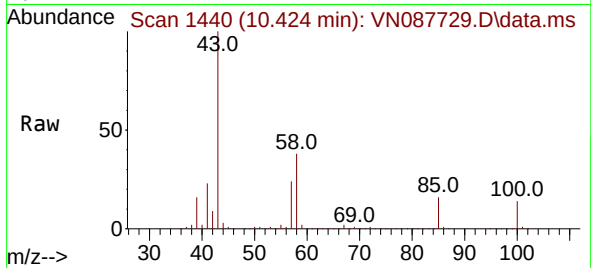




#58
4-Methyl-2-Pentanone
Concen: 745.754 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

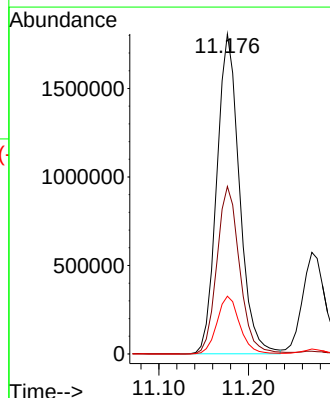
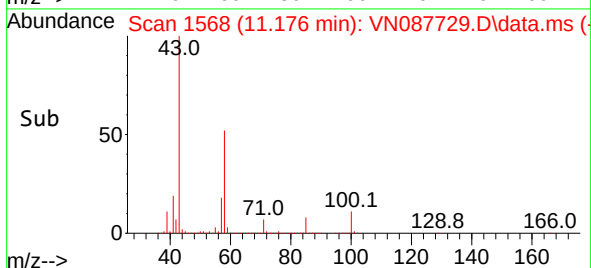
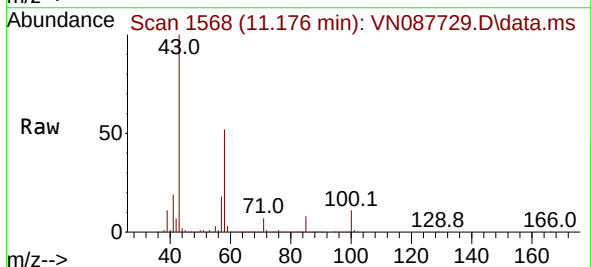
Instrument :
MSVOA_N
ClientSampleId :
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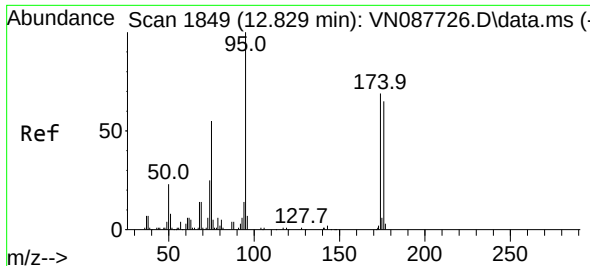
Tgt Ion: 43 Resp: 4473520
Ion Ratio Lower Upper
43 100
58 37.7 29.6 44.4
85 16.3 13.0 19.4



#59
2-Hexanone
Concen: 780.545 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 43 Resp: 3170935
Ion Ratio Lower Upper
43 100
58 52.7 40.2 60.4
57 18.1 13.7 20.5

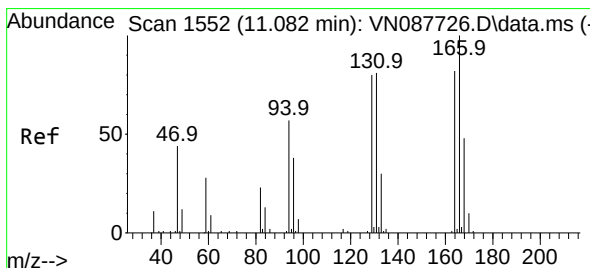
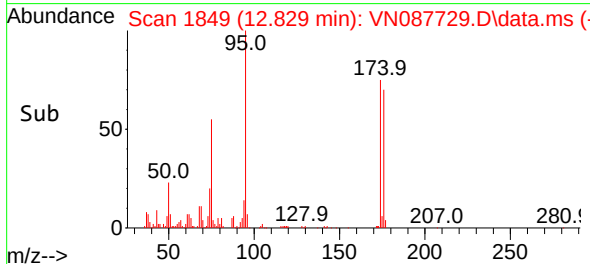
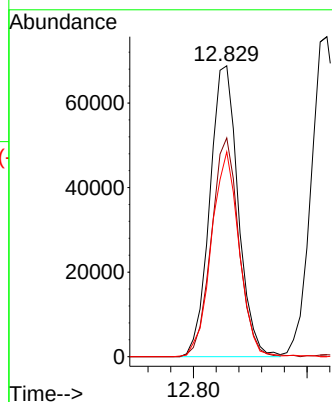
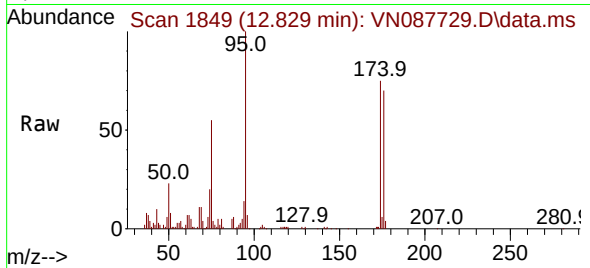




#60
4-Bromofluorobenzene
Concen: 28.950 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

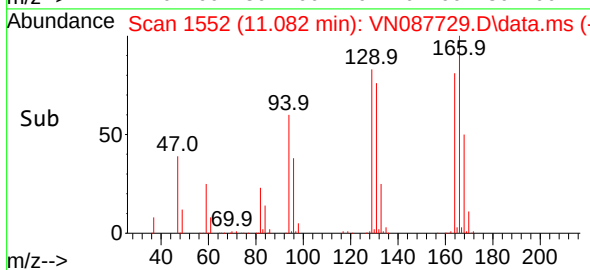
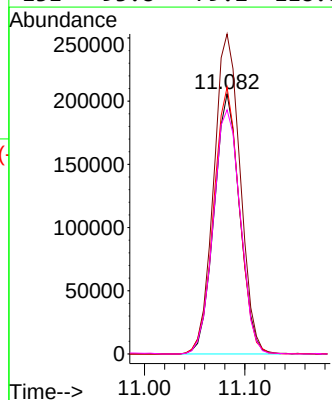
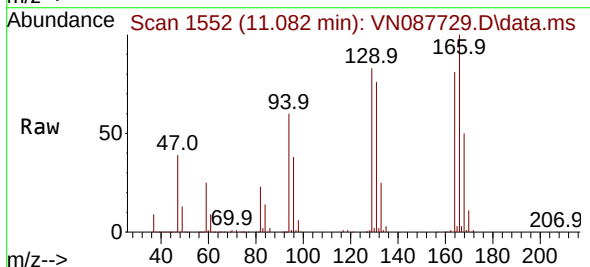
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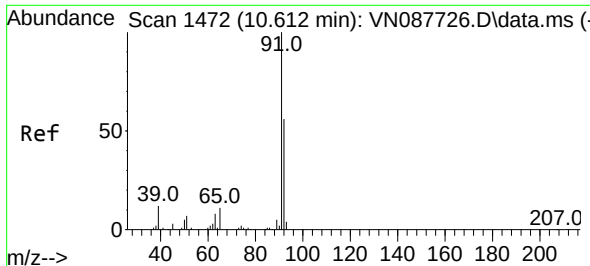
Tgt Ion: 95 Resp: 119357
Ion Ratio Lower Upper
95 100
174 72.9 55.4 83.0
176 68.1 51.5 77.3



#61
Tetrachloroethene
Concen: 155.454 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion:164 Resp: 363806
Ion Ratio Lower Upper
164 100
166 123.0 97.3 145.9
129 102.5 78.6 117.8
131 93.8 79.2 118.8

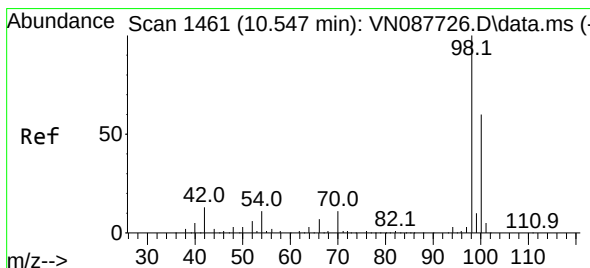
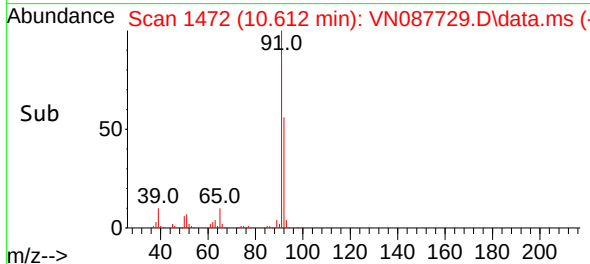
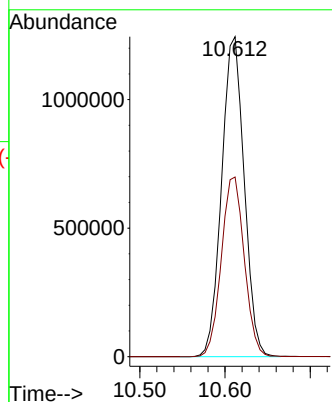
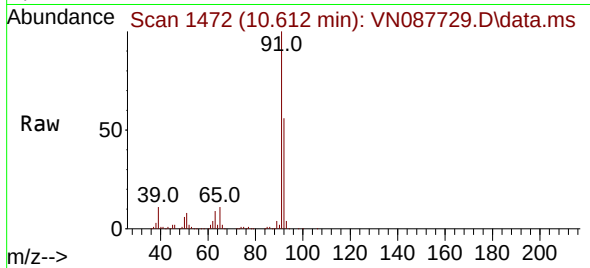




#62
Toluene
Concen: 157.273 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

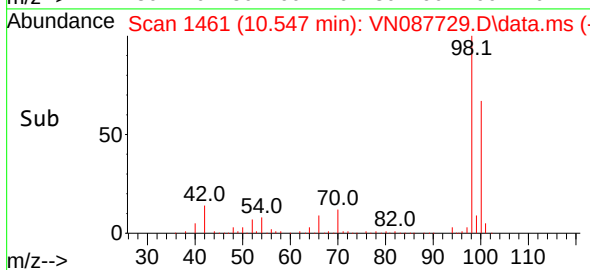
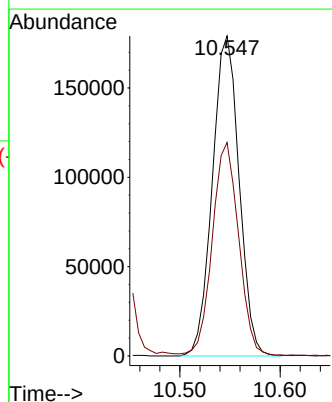
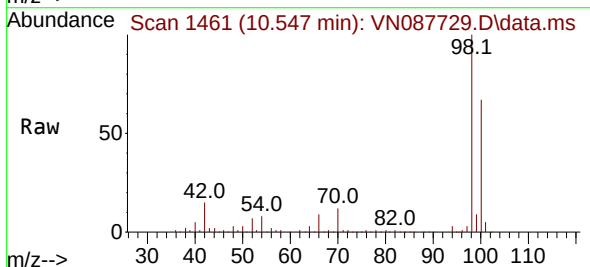
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

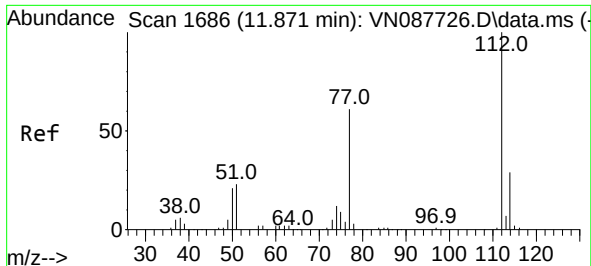
Tgt Ion: 91 Resp: 2294262
Ion Ratio Lower Upper
91 100
92 57.1 45.4 68.0



#63
Toluene-d8
Concen: 29.625 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 98 Resp: 331838
Ion Ratio Lower Upper
98 100
100 66.0 50.6 76.0

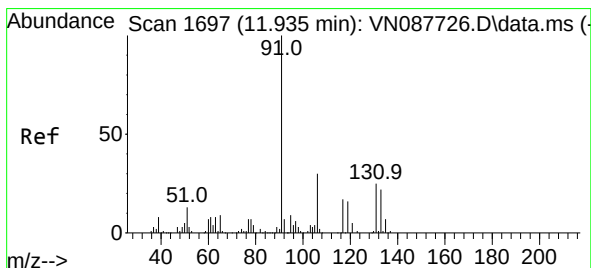
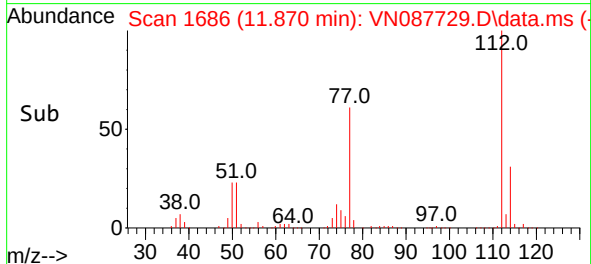
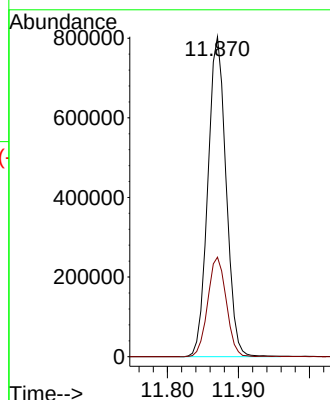
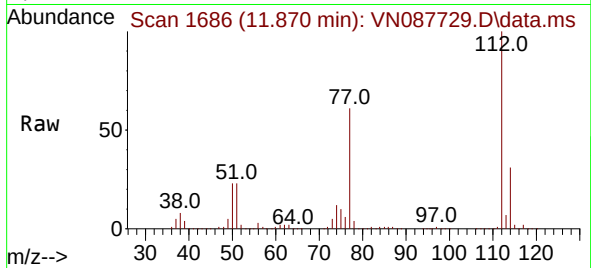




#64
Chlorobenzene
Concen: 160.019 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

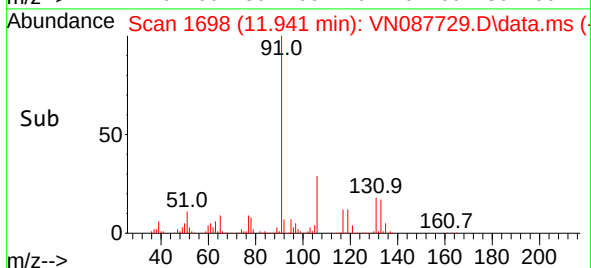
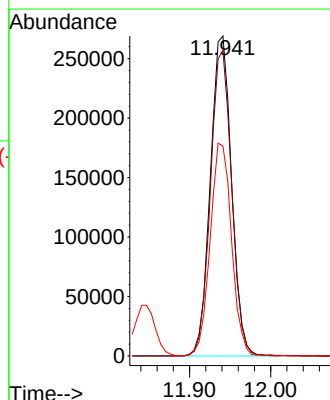
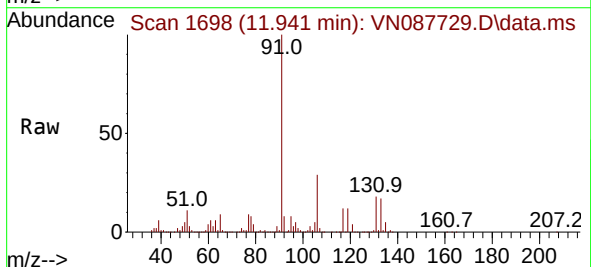
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

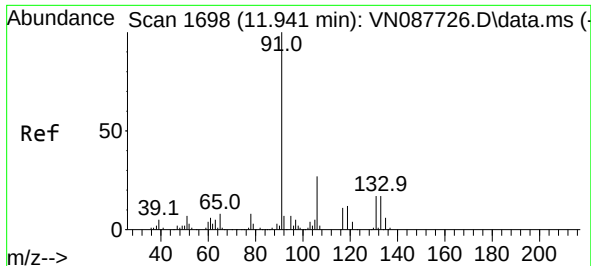
Tgt Ion:112 Resp: 1432339
Ion Ratio Lower Upper
112 100
114 31.1 23.5 35.3



#65
1,1,1,2-Tetrachloroethane
Concen: 154.396 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion:131 Resp: 486507
Ion Ratio Lower Upper
131 100
133 96.0 0.0 195.8
119 67.1 0.0 139.0

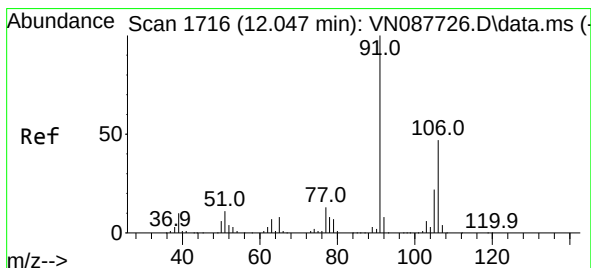
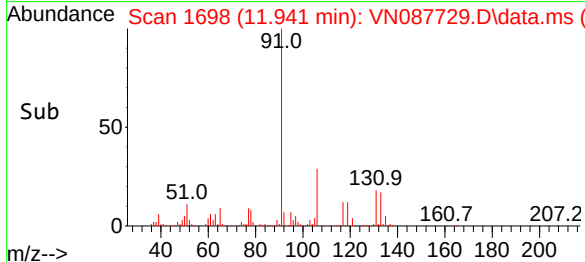
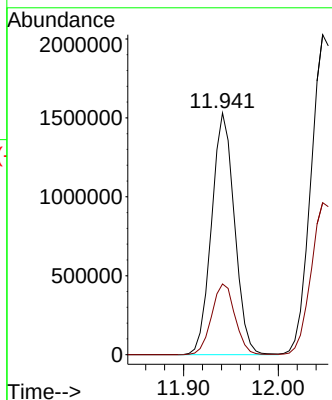
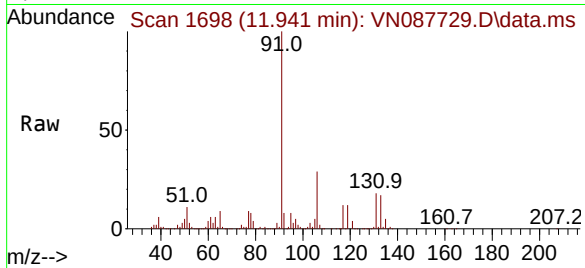




#66
Ethyl Benzene
Concen: 159.947 ug/l
RT: 11.941 min Scan# 1198
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

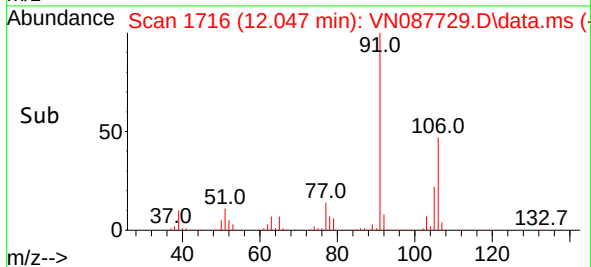
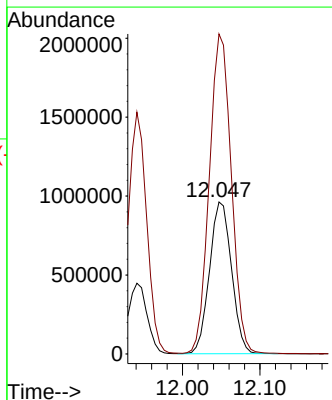
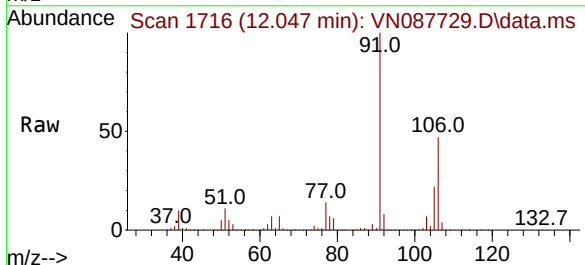
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

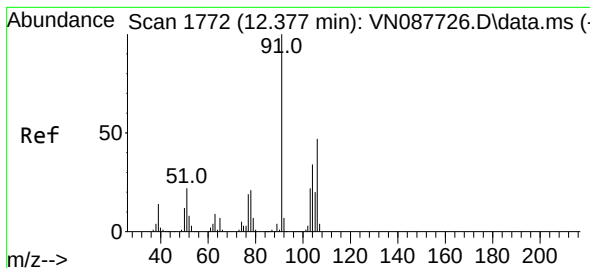
Tgt Ion: 91 Resp: 2571632
Ion Ratio Lower Upper
91 100
106 29.3 21.3 31.9



#67
m/p-Xylenes
Concen: 321.770 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 106 Resp: 1904203
Ion Ratio Lower Upper
106 100
91 209.6 174.3 261.5

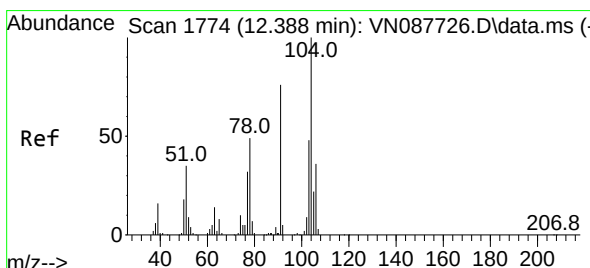
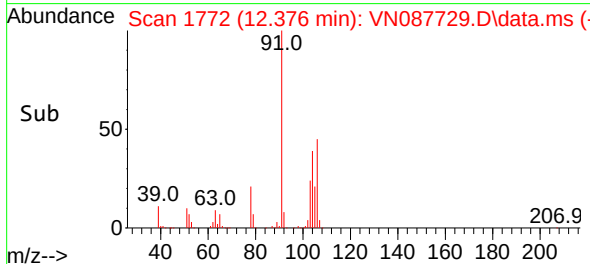
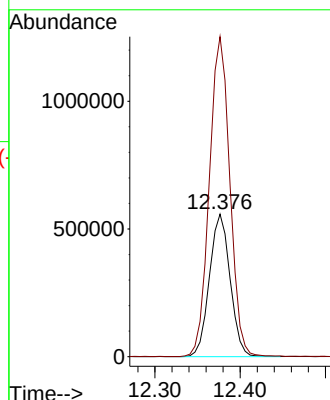
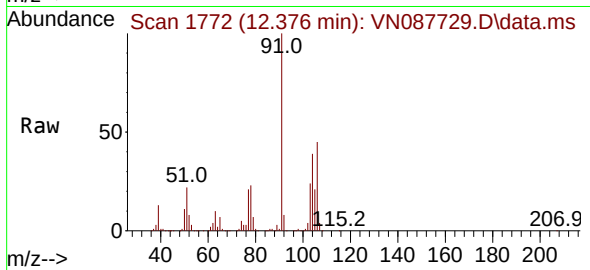




#68
o-Xylene
Concen: 161.143 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

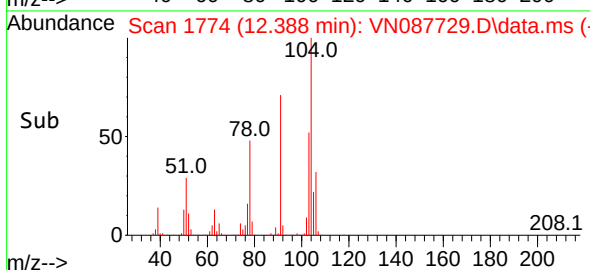
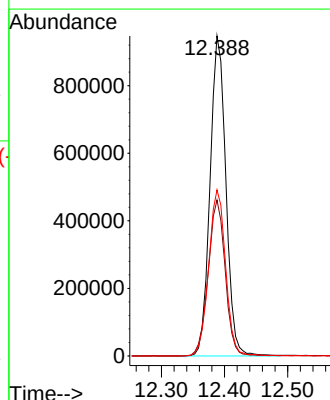
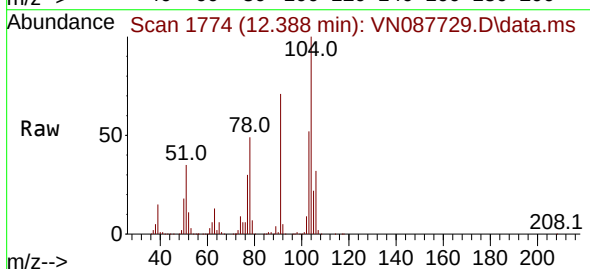
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

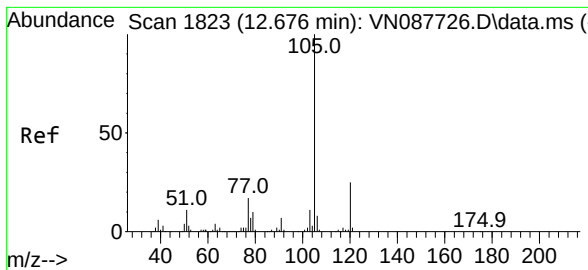
Tgt Ion:106 Resp: 940685
Ion Ratio Lower Upper
106 100
91 222.9 107.7 323.3



#69
Styrene
Concen: 166.468 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion:104 Resp: 1653060
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.6
103 55.1 44.6 66.8

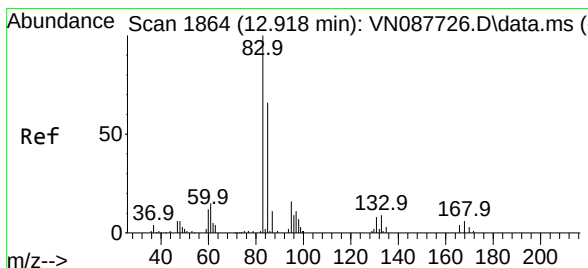
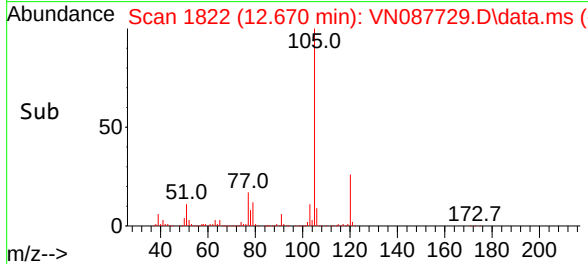
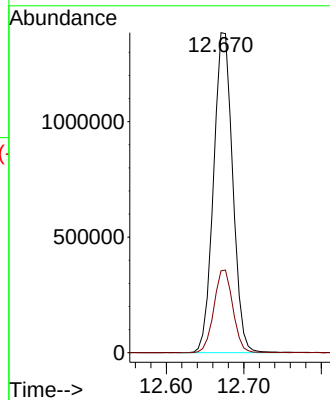
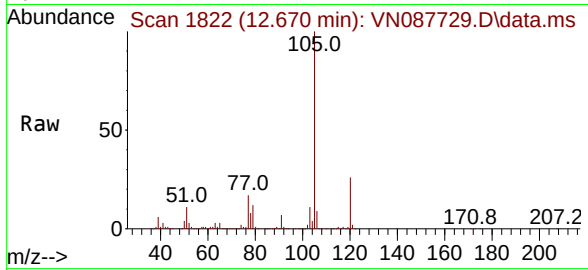




#70
Isopropylbenzene
Concen: 161.764 ug/l
RT: 12.670 min Scan# 1823
Delta R.T. -0.006 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

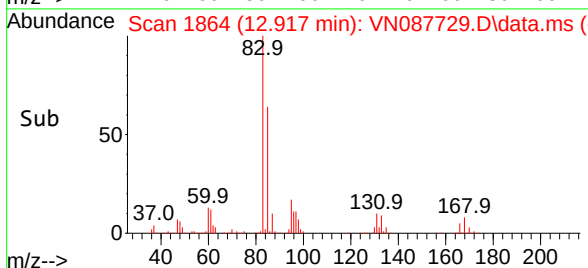
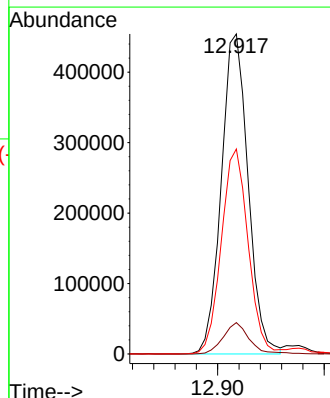
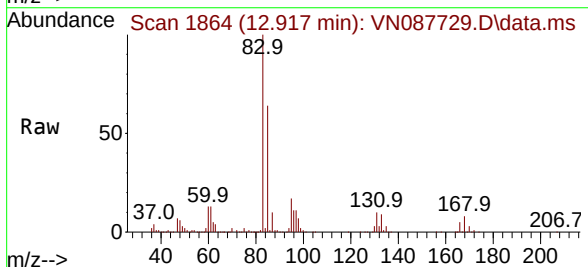
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

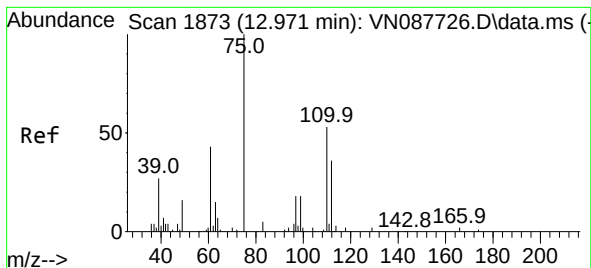
Tgt Ion:105 Resp: 2375492
Ion Ratio Lower Upper
105 100
120 25.6 17.4 32.4



#71
1,1,2,2-Tetrachloroethane
Concen: 154.952 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 83 Resp: 793928
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 63.7 31.9 95.7





#72

1,2,3-Trichloropropane

Concen: 228.114 ug/l

RT: 12.970 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087729.D

Acq: 04 Sep 2025 17:46

Instrument :

MSVOA_N

ClientSampleId :

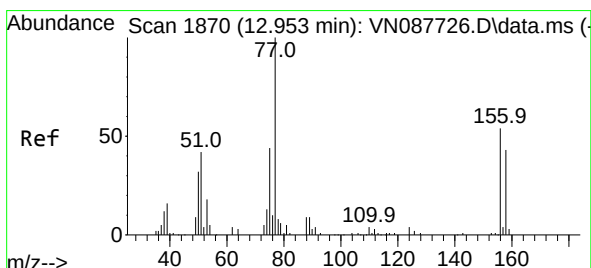
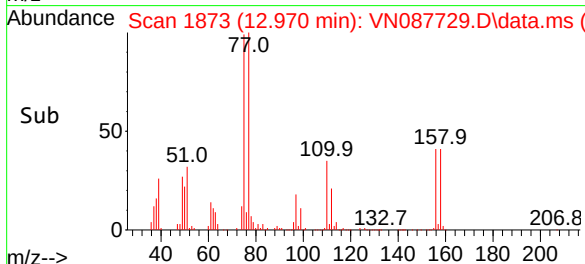
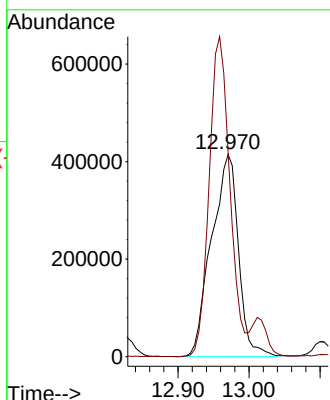
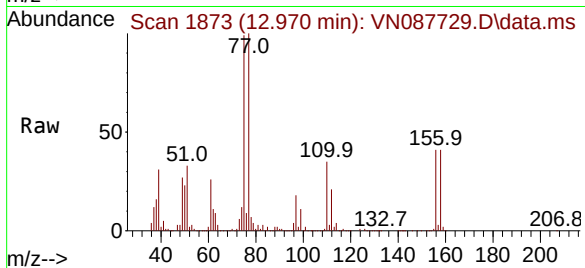
VSTDIC150

Tgt Ion: 75 Resp: 1090401

Ion Ratio Lower Upper

75 100

77 121.4 0.0 378.8



#73

Bromobenzene

Concen: 159.435 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.006 min

Lab File: VN087729.D

Acq: 04 Sep 2025 17:46

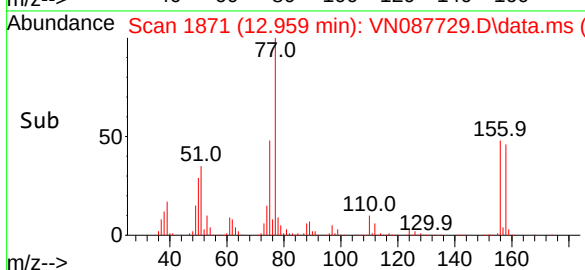
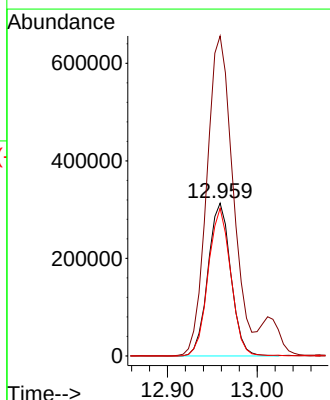
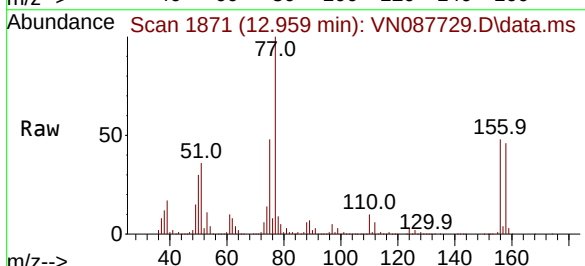
Tgt Ion:156 Resp: 553482

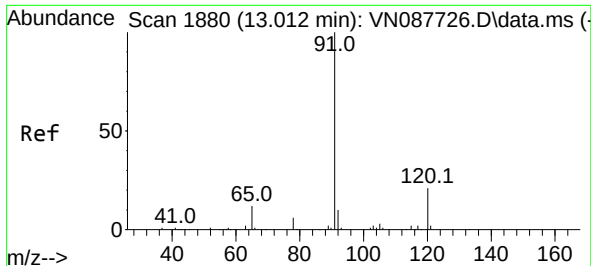
Ion Ratio Lower Upper

156 100

77 239.1 0.0 484.2

158 95.3 0.0 186.2

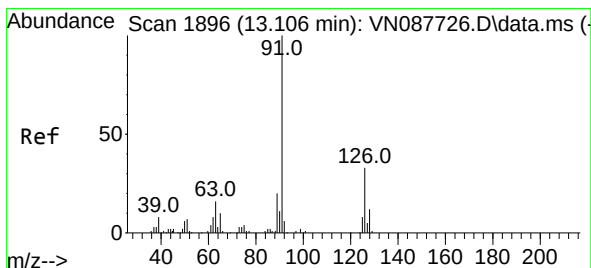
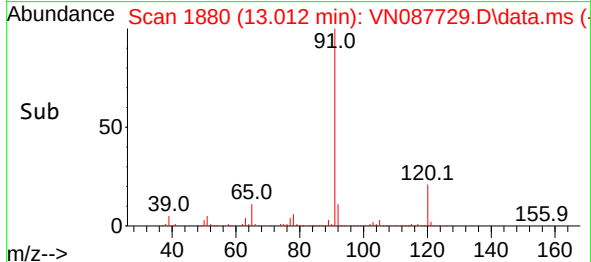
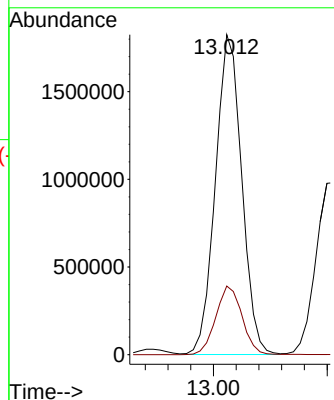
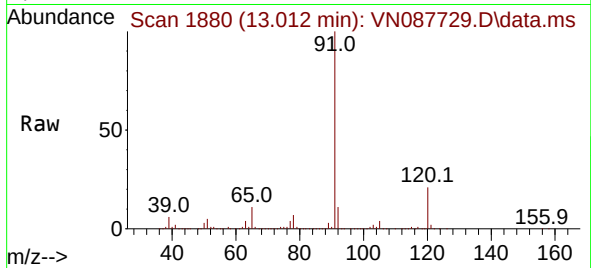




#74
n-propylbenzene
Concen: 158.973 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

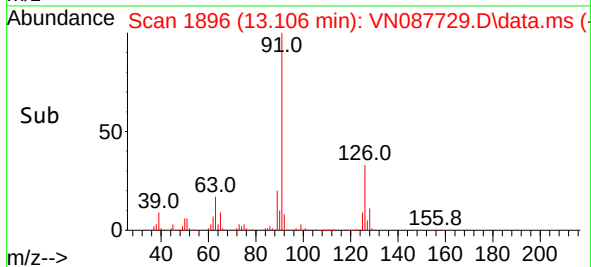
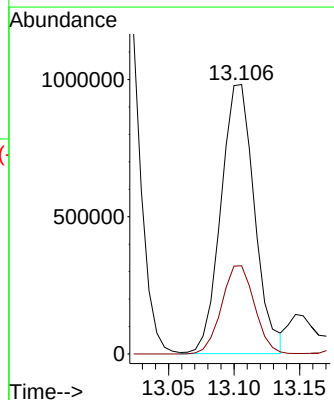
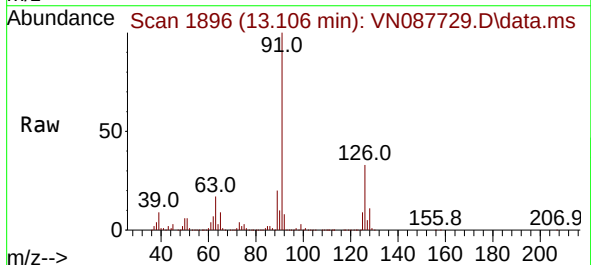
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

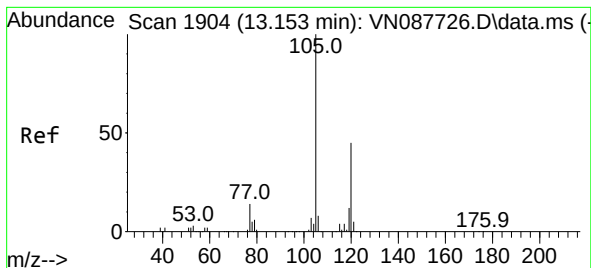
Tgt Ion: 91 Resp: 2937041
Ion Ratio Lower Upper
91 100
120 21.4 0.0 42.2



#75
2-Chlorotoluene
Concen: 153.793 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 91 Resp: 1747793
Ion Ratio Lower Upper
91 100
126 32.1 0.0 60.4





#76

1,3,5-Trimethylbenzene

Concen: 155.546 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VN087729.D

Acq: 04 Sep 2025 17:46

Instrument :

MSVOA_N

ClientSampleId :

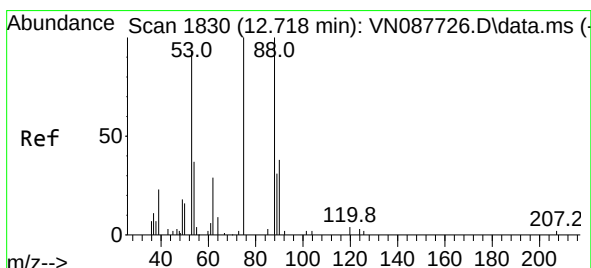
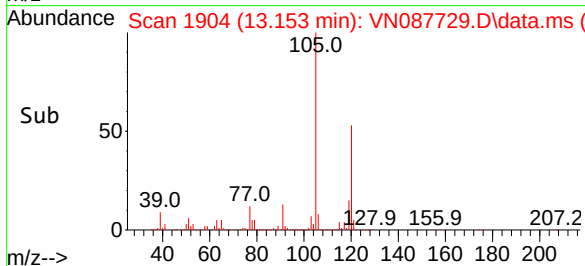
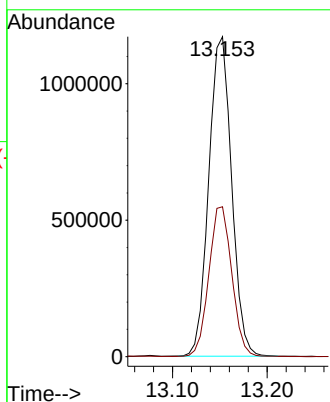
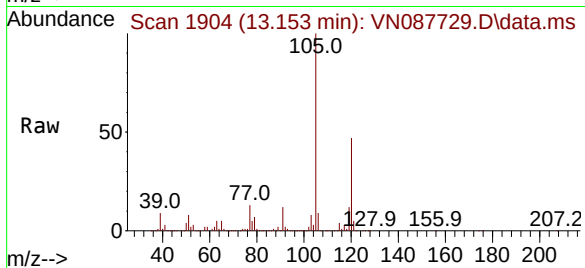
VSTDIC150

Tgt Ion:105 Resp: 1960149

Ion Ratio Lower Upper

105 100

120 47.3 0.0 92.6



#77

t-1,4-Dichloro-2-butene

Concen: 173.364 ug/l

RT: 12.717 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN087729.D

Acq: 04 Sep 2025 17:46

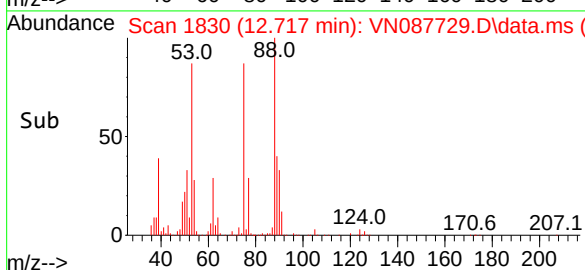
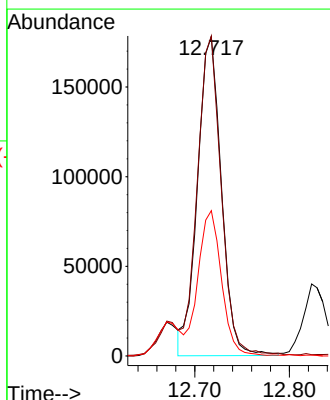
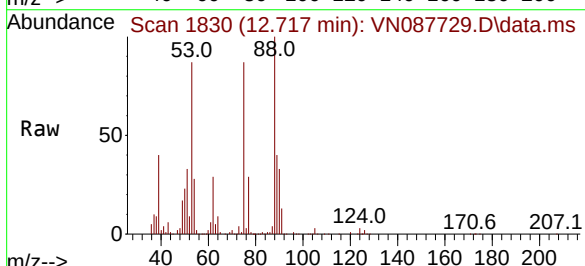
Tgt Ion: 75 Resp: 311177

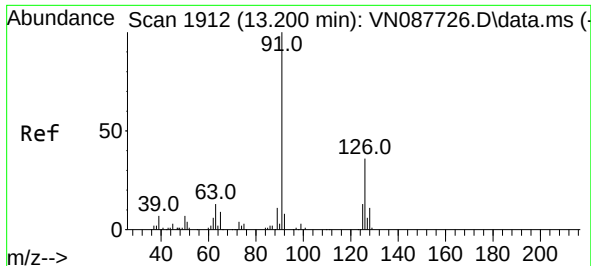
Ion Ratio Lower Upper

75 100

53 100.2 45.3 135.9

89 45.7 18.8 56.3

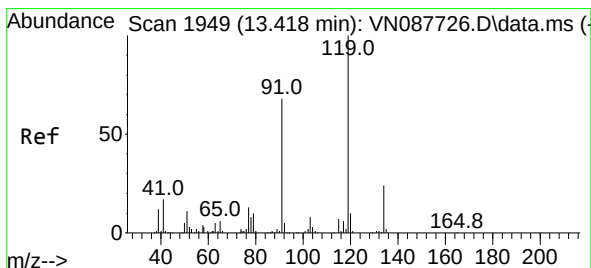
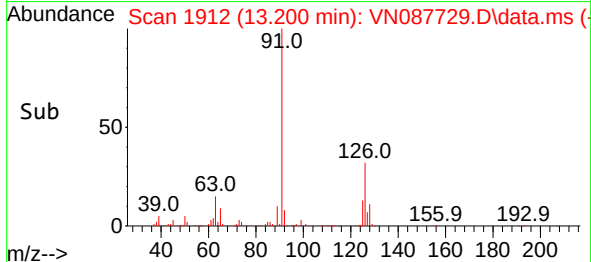
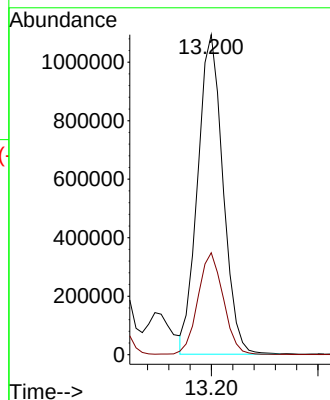
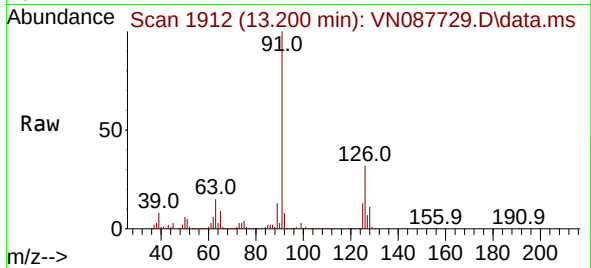




#78
4-Chlorotoluene
Concen: 156.166 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

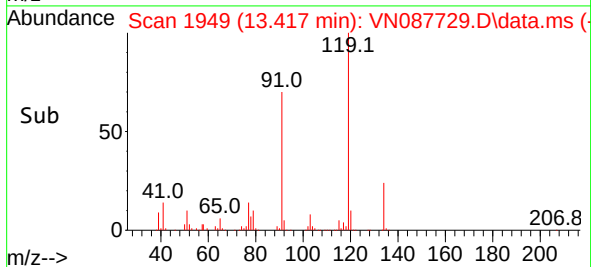
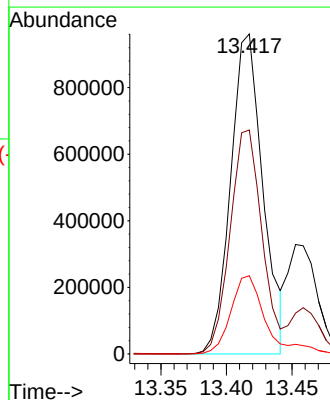
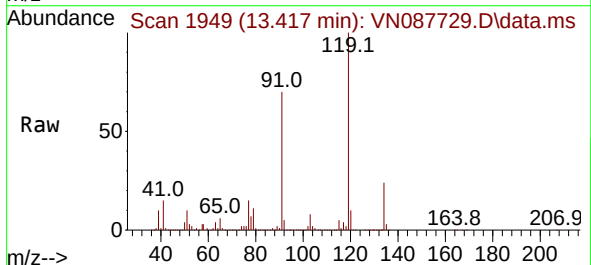
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

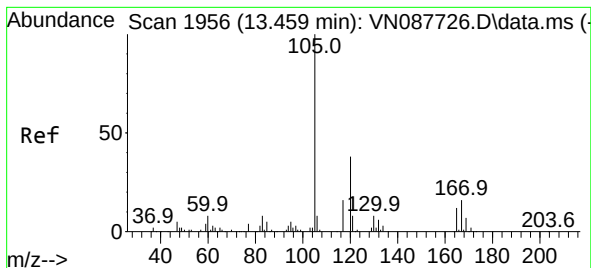
Tgt Ion: 91 Resp: 1806216
Ion Ratio Lower Upper
91 100
126 31.7 0.0 67.0



#79
tert-butylbenzene
Concen: 155.295 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion: 119 Resp: 1648726
Ion Ratio Lower Upper
119 100
91 68.9 0.0 142.6
134 24.4 0.0 47.2





#80

1,2,4-Trimethylbenzene

Concen: 158.567 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN087729.D

Acq: 04 Sep 2025 17:46

Instrument :

MSVOA_N

ClientSampleId :

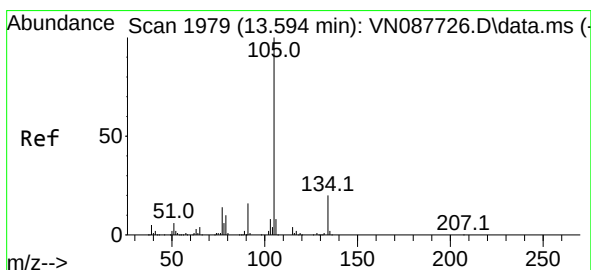
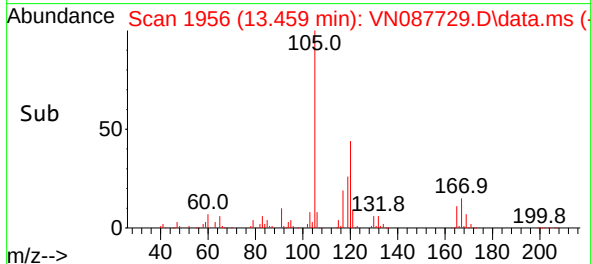
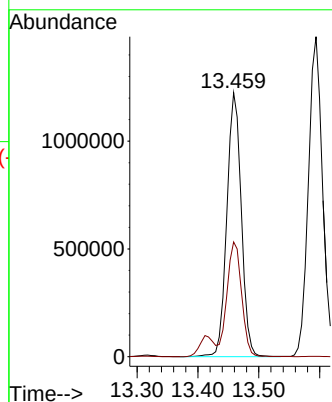
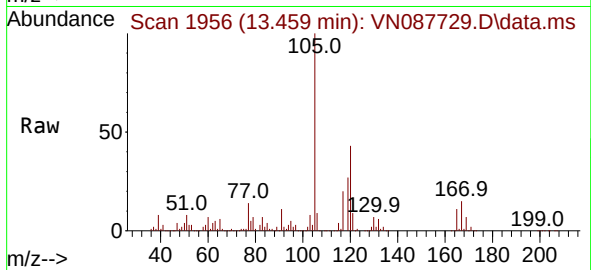
VSTDIC150

Tgt Ion:105 Resp: 2015689

Ion Ratio Lower Upper

105 100

120 44.1 0.0 86.6



#81

sec-Butylbenzene

Concen: 153.961 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN087729.D

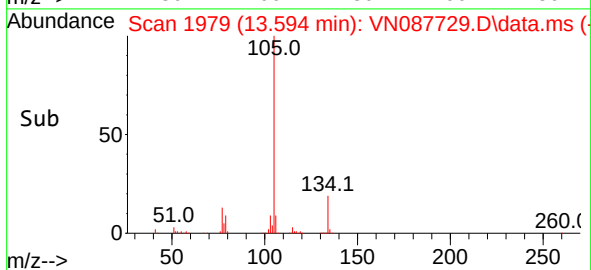
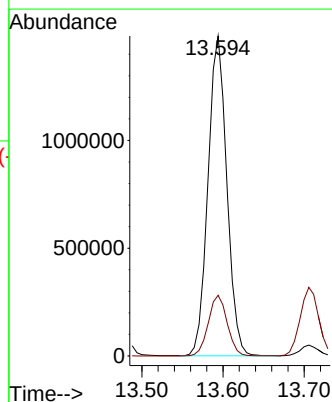
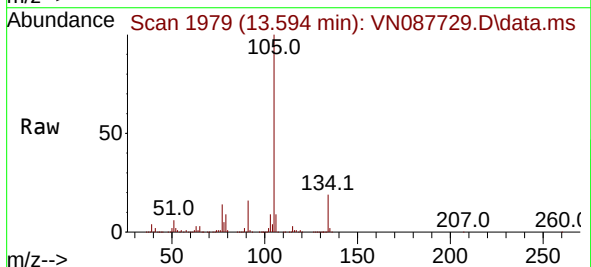
Acq: 04 Sep 2025 17:46

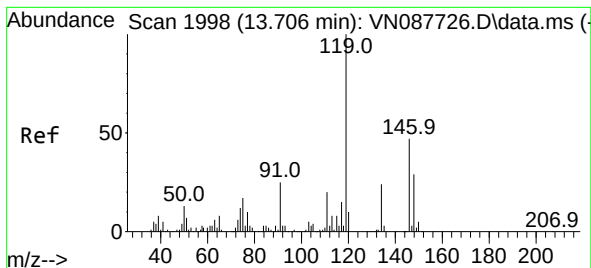
Tgt Ion:105 Resp: 2383484

Ion Ratio Lower Upper

105 100

134 19.1 0.0 37.0





#82

p-Isopropyltoluene

Concen: 154.798 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN087729.D

Acq: 04 Sep 2025 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

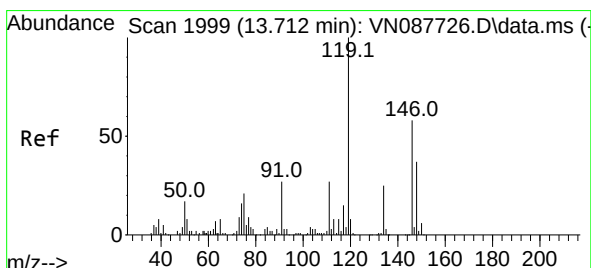
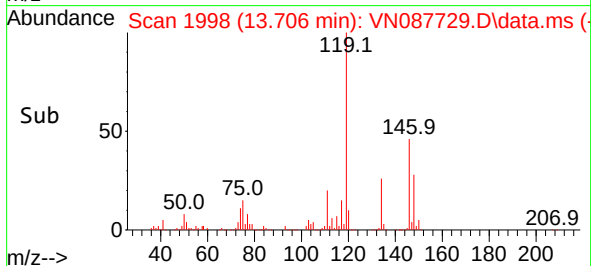
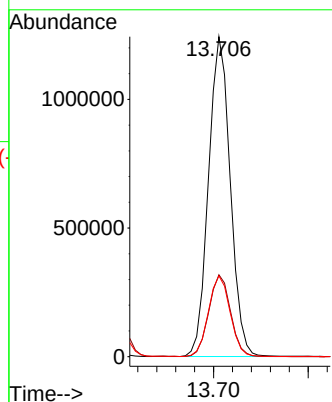
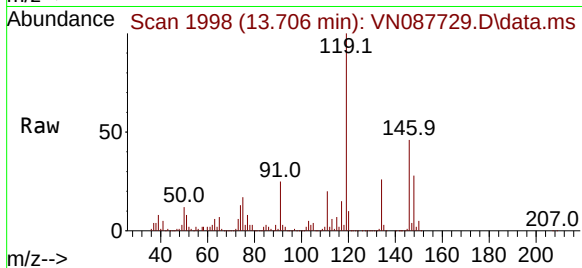
Tgt Ion:119 Resp: 1983862

Ion Ratio Lower Upper

119 100

134 25.7 0.0 49.4

91 25.2 0.0 52.2



#83

1,3-Dichlorobenzene

Concen: 159.363 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087729.D

Acq: 04 Sep 2025 17:46

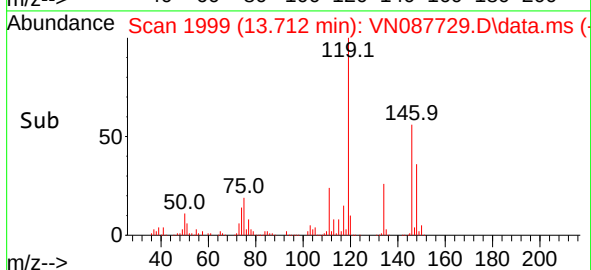
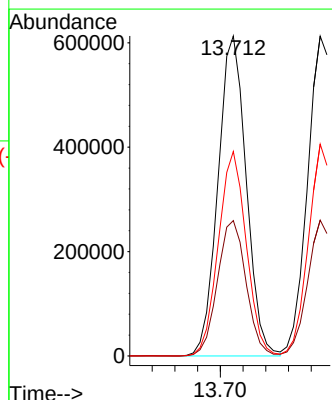
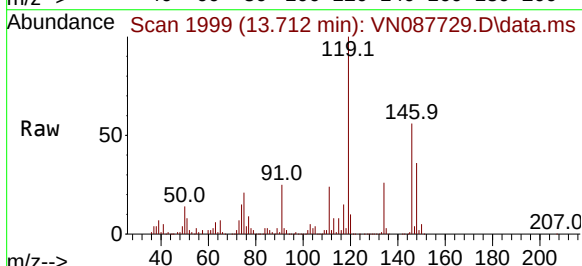
Tgt Ion:146 Resp: 1059997

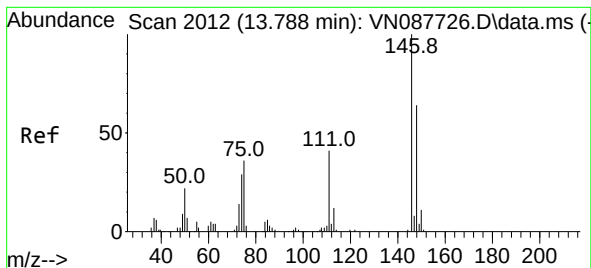
Ion Ratio Lower Upper

146 100

111 42.9 21.1 63.4

148 63.1 31.0 93.0





#84

1,4-Dichlorobenzene

Concen: 156.951 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN087729.D

Acq: 04 Sep 2025 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

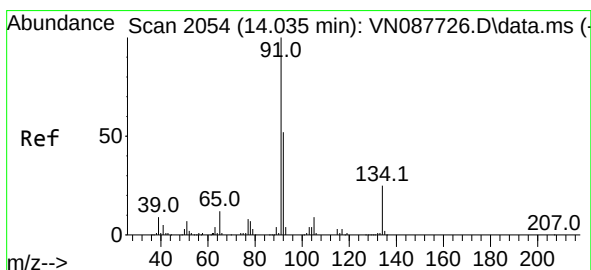
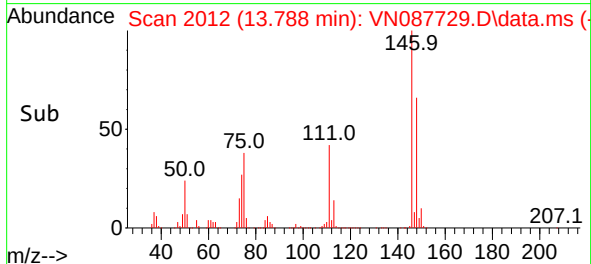
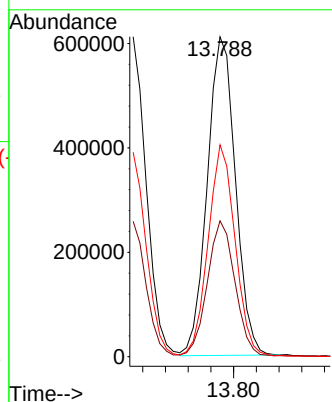
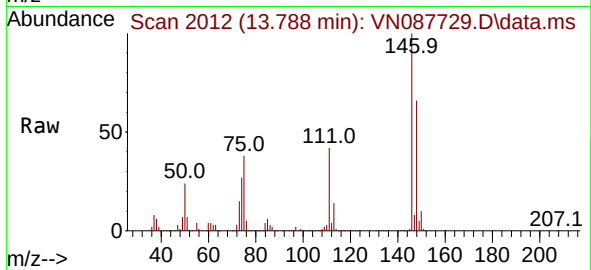
Tgt Ion:146 Resp: 1050951

Ion Ratio Lower Upper

146 100

111 41.9 20.2 60.5

148 63.8 31.5 94.5



#85

n-Butylbenzene

Concen: 154.195 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VN087729.D

Acq: 04 Sep 2025 17:46

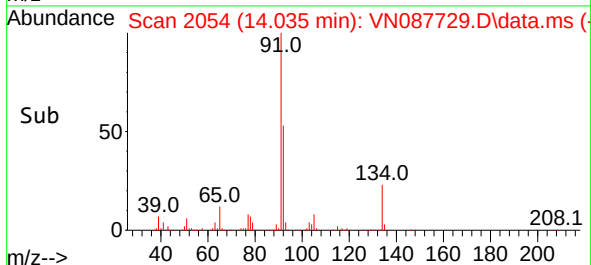
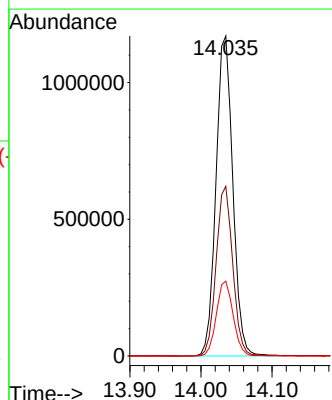
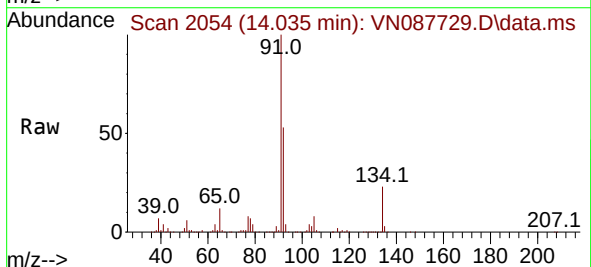
Tgt Ion: 91 Resp: 1919423

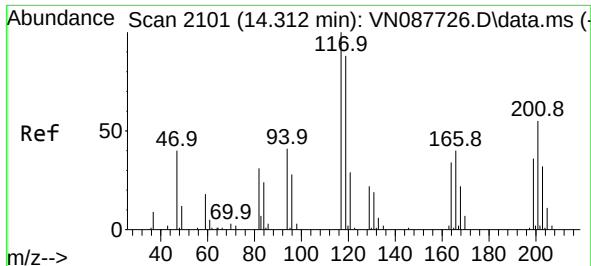
Ion Ratio Lower Upper

91 100

92 52.2 0.0 104.0

134 23.2 0.0 46.0

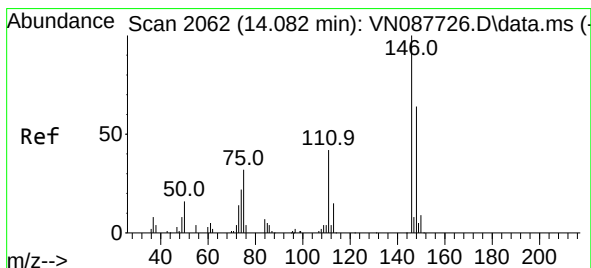
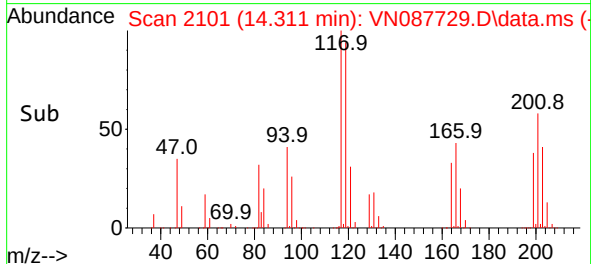
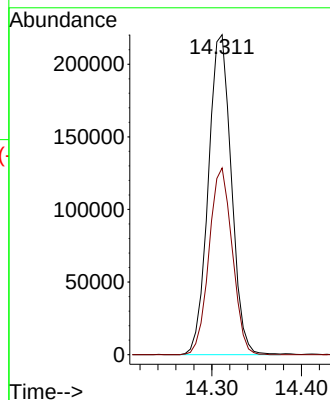
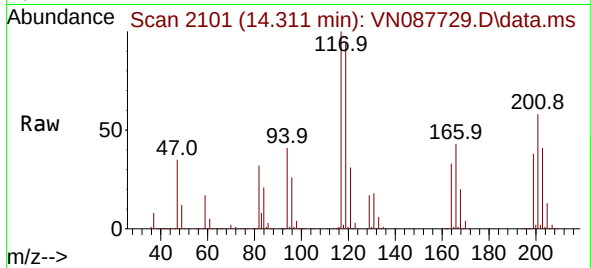




#86
Hexachloroethane
Concen: 154.382 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

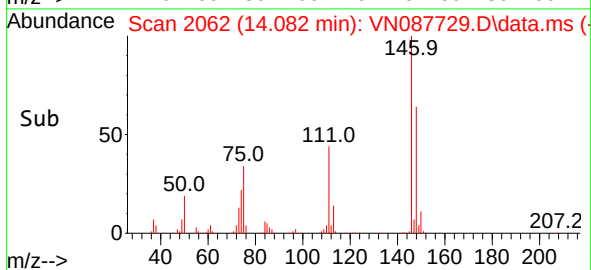
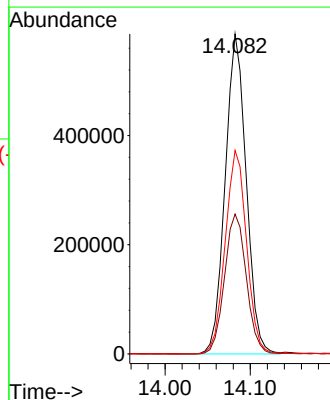
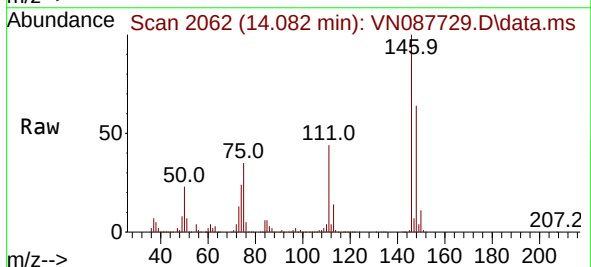
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

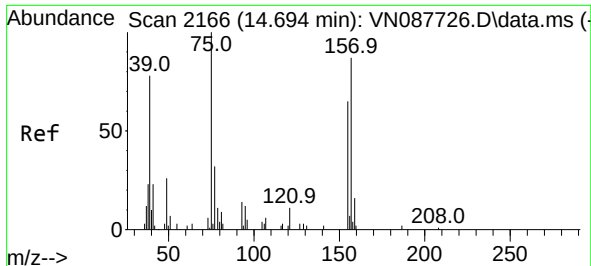
Tgt Ion:117 Resp: 392690
Ion Ratio Lower Upper
117 100
201 58.8 29.9 89.7



#87
1,2-Dichlorobenzene
Concen: 159.224 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion:146 Resp: 1004257
Ion Ratio Lower Upper
146 100
111 45.3 21.5 64.5
148 64.8 33.4 100.1

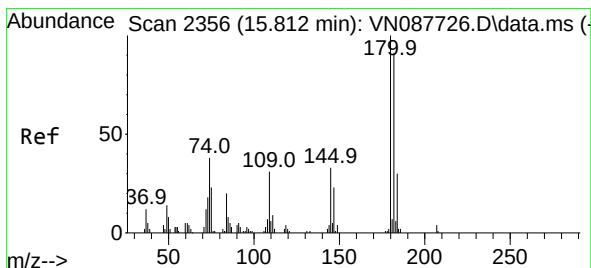
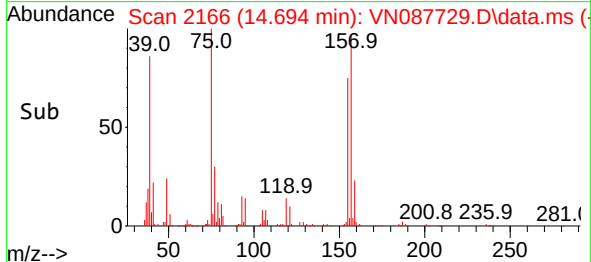
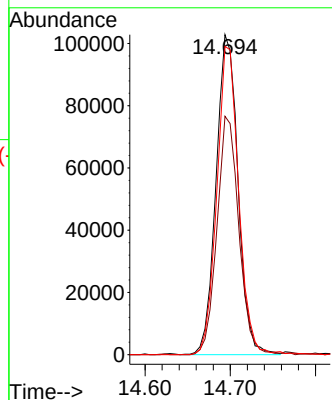
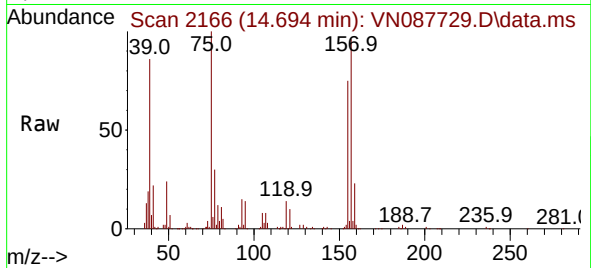




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 144.163 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.000 min
 Lab File: VN087729.D
 Acq: 04 Sep 2025 17:46

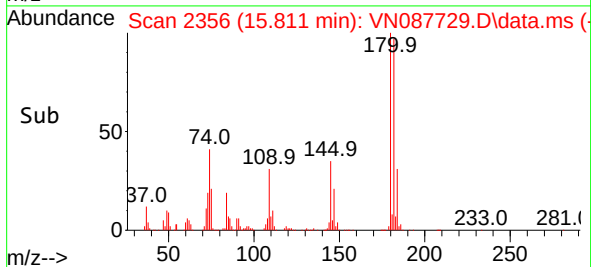
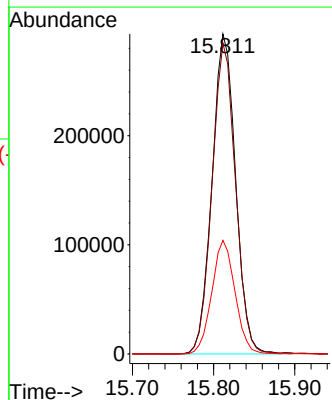
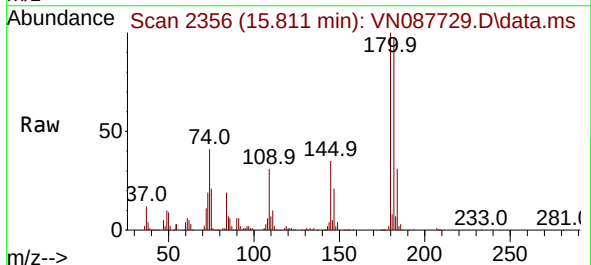
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

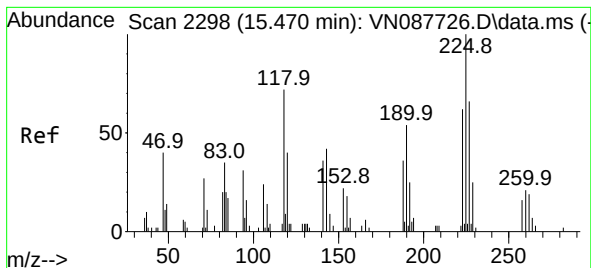
Tgt Ion: 75 Resp: 184176
 Ion Ratio Lower Upper
 75 100
 155 74.2 53.0 79.4
 157 95.2 72.2 108.4



#89
 1,2,4-Trichlorobenzene
 Concen: 158.821 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. -0.000 min
 Lab File: VN087729.D
 Acq: 04 Sep 2025 17:46

Tgt Ion:180 Resp: 591983
 Ion Ratio Lower Upper
 180 100
 182 96.4 74.6 111.8
 145 35.0 27.4 41.0

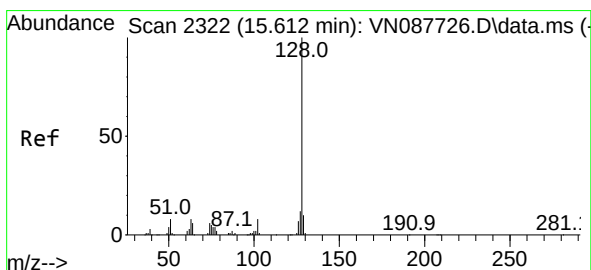
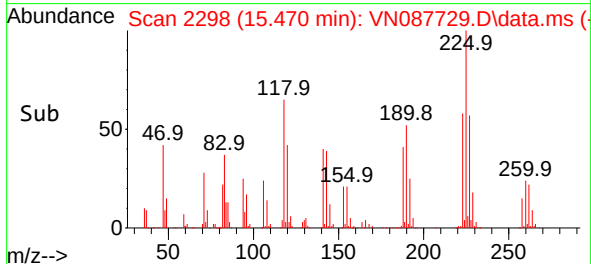
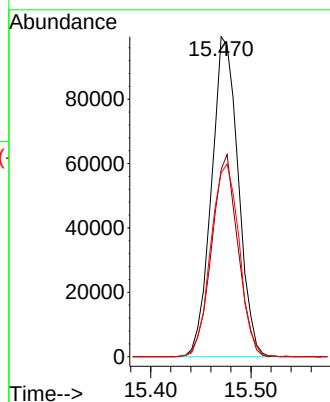
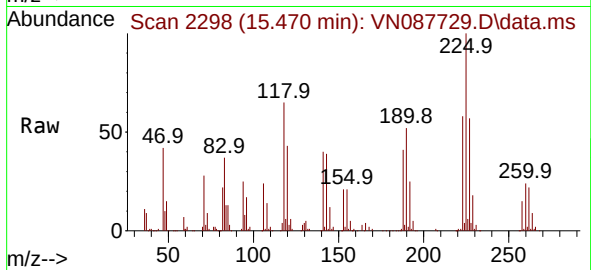




#90
Hexachlorobutadiene
Concen: 128.598 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

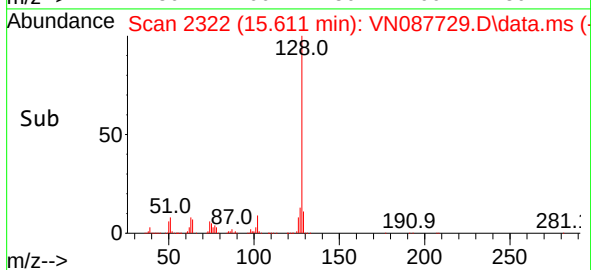
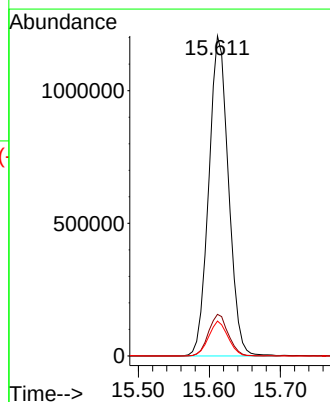
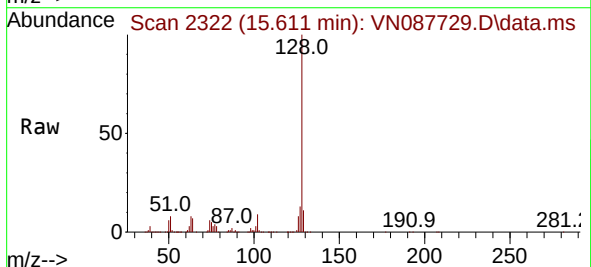
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

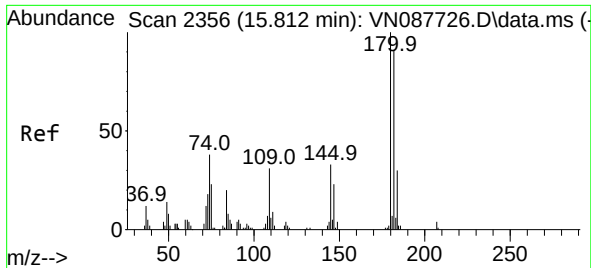
Tgt Ion:225 Resp: 183756
Ion Ratio Lower Upper
225 100
223 62.0 0.0 118.2
227 64.0 0.0 139.0



#91
Naphthalene
Concen: 165.441 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087729.D
Acq: 04 Sep 2025 17:46

Tgt Ion:128 Resp: 2324387
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.7 8.3 12.5





#92
 1,2,3-Trichlorobenzene
 Concen: 158.821 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087729.D
 Acq: 04 Sep 2025 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	0.0	186.4
145	35.0	0.0	68.4

