

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090525\
 Data File : VN087733.D
 Acq On : 05 Sep 2025 11:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 01:01:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	218341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	424360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	402403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	206857	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	220146	49.211	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.420%
35) Dibromofluoromethane	8.153	113	158313	51.671	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.340%
50) Toluene-d8	10.547	98	575297	50.168	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.829	95	206642	50.670	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	142892	46.079	ug/l	97
3) Chloromethane	2.383	50	155792	48.886	ug/l	97
4) Vinyl Chloride	2.536	62	175142	47.399	ug/l	97
5) Bromomethane	2.971	94	103085	54.068	ug/l	100
6) Chloroethane	3.130	64	119819	46.137	ug/l	98
7) Trichlorofluoromethane	3.506	101	265276	49.001	ug/l	93
8) Diethyl Ether	3.959	74	114706	48.652	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	144573	47.195	ug/l	99
10) Methyl Iodide	4.577	142	101637	45.160	ug/l	95
11) Tert butyl alcohol	5.524	59	202873	261.224	ug/l	99
12) 1,1-Dichloroethene	4.336	96	142282	45.199	ug/l	92
13) Acrolein	4.171	56	281931	295.290	ug/l	98
14) Allyl chloride	5.012	41	248645	43.587	ug/l	98
15) Acrylonitrile	5.706	53	527501	240.838	ug/l	99
16) Acetone	4.418	43	601288	246.909	ug/l	97
17) Carbon Disulfide	4.700	76	354432	40.898	ug/l	99
18) Methyl Acetate	5.018	43	281338	55.176	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	565549	47.891	ug/l	96
20) Methylene Chloride	5.265	84	166301	47.141	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	146808	43.031	ug/l	97
22) Diisopropyl ether	6.659	45	590909	48.001	ug/l	97
23) Vinyl Acetate	6.588	43	2688673	240.064	ug/l	99
24) 1,1-Dichloroethane	6.553	63	309295	45.824	ug/l	97
25) 2-Butanone	7.471	43	776704	242.425	ug/l	98
26) 2,2-Dichloropropane	7.471	77	271879	46.932	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	189107	46.366	ug/l	98
28) Bromochloromethane	7.794	49	162460	49.787	ug/l	99
29) Tetrahydrofuran	7.824	42	499945	242.470	ug/l	99
30) Chloroform	7.947	83	328284	47.651	ug/l	96
31) Cyclohexane	8.241	56	231659	41.170	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	270369	46.308	ug/l	98
36) 1,1-Dichloropropene	8.353	75	205040	43.622	ug/l	99
37) Ethyl Acetate	7.547	43	305684	47.593	ug/l	100
38) Carbon Tetrachloride	8.341	117	215145	46.360	ug/l	95
39) Methylcyclohexane	9.582	83	218130	42.152	ug/l	94
40) Benzene	8.588	78	674485	46.785	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	157829	47.437	ug/l	97
42) 1,2-Dichloroethane	8.653	62	253322	45.726	ug/l	100
43) Isopropyl Acetate	8.671	43	491720	49.035	ug/l	100
44) Trichloroethene	9.335	130	148250	45.041	ug/l	97
45) 1,2-Dichloropropane	9.600	63	178097	46.867	ug/l	100
46) Dibromomethane	9.688	93	129274	47.805	ug/l	98
47) Bromodichloromethane	9.871	83	269910	48.701	ug/l	100
48) Methyl methacrylate	9.665	41	226537	47.760	ug/l	99
49) 1,4-Dioxane	9.682	88	68749	1118.251	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	1557645	257.451	ug/l	100
52) Toluene	10.612	92	421358	47.145	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	284379	49.572	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	290940	48.844	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	174196	50.383	ug/l	98
56) Ethyl methacrylate	10.859	69	286639	51.876	ug/l	98
57) 1,3-Dichloropropane	11.141	76	298581	48.796	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	738409	246.906	ug/l	99
59) 2-Hexanone	11.176	43	1067366	279.141	ug/l	100
60) Dibromochloromethane	11.335	129	196866	49.141	ug/l	99
61) 1,2-Dibromoethane	11.447	107	175367	48.103	ug/l	98
64) Tetrachloroethene	11.082	164	114253	40.924	ug/l	96
65) Chlorobenzene	11.871	112	460657	46.014	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	162029	48.752	ug/l	97
67) Ethyl Benzene	11.941	91	813676	46.942	ug/l	97
68) m/p-Xylenes	12.047	106	610425	96.024	ug/l	98
69) o-Xylene	12.376	106	297424	47.742	ug/l	98
70) Styrene	12.388	104	518155	49.646	ug/l	98
71) Bromoform	12.559	173	132593	52.019	ug/l #	98
73) Isopropylbenzene	12.676	105	759122	45.415	ug/l	99
74) N-amyl acetate	12.500	43	213588	33.718	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.917	83	278299	48.359	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	366331	75.518	ug/l	59
77) Bromobenzene	12.959	156	182052	46.192	ug/l	99
78) n-propylbenzene	13.012	91	952850	46.279	ug/l	100
79) 2-Chlorotoluene	13.106	91	572886	46.237	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	653605	46.093	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.723	75	96432	52.628	ug/l	92
82) 4-Chlorotoluene	13.200	91	591740	45.424	ug/l	98
83) tert-Butylbenzene	13.417	119	546133	46.218	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	667988	47.058	ug/l	99
85) sec-Butylbenzene	13.594	105	796647	45.431	ug/l	100
86) p-Isopropyltoluene	13.706	119	658708	45.491	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	364577	46.973	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	362485	44.879	ug/l	98
89) n-Butylbenzene	14.035	91	651412	45.297	ug/l	99
90) Hexachloroethane	14.312	117	130580	47.335	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	348459	47.324	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	63139	46.185	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	199420	45.102	ug/l	99
94) Hexachlorobutadiene	15.476	225	63907	40.542	ug/l	100
95) Naphthalene	15.617	128	732763	46.788	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	196859	45.542	ug/l	100

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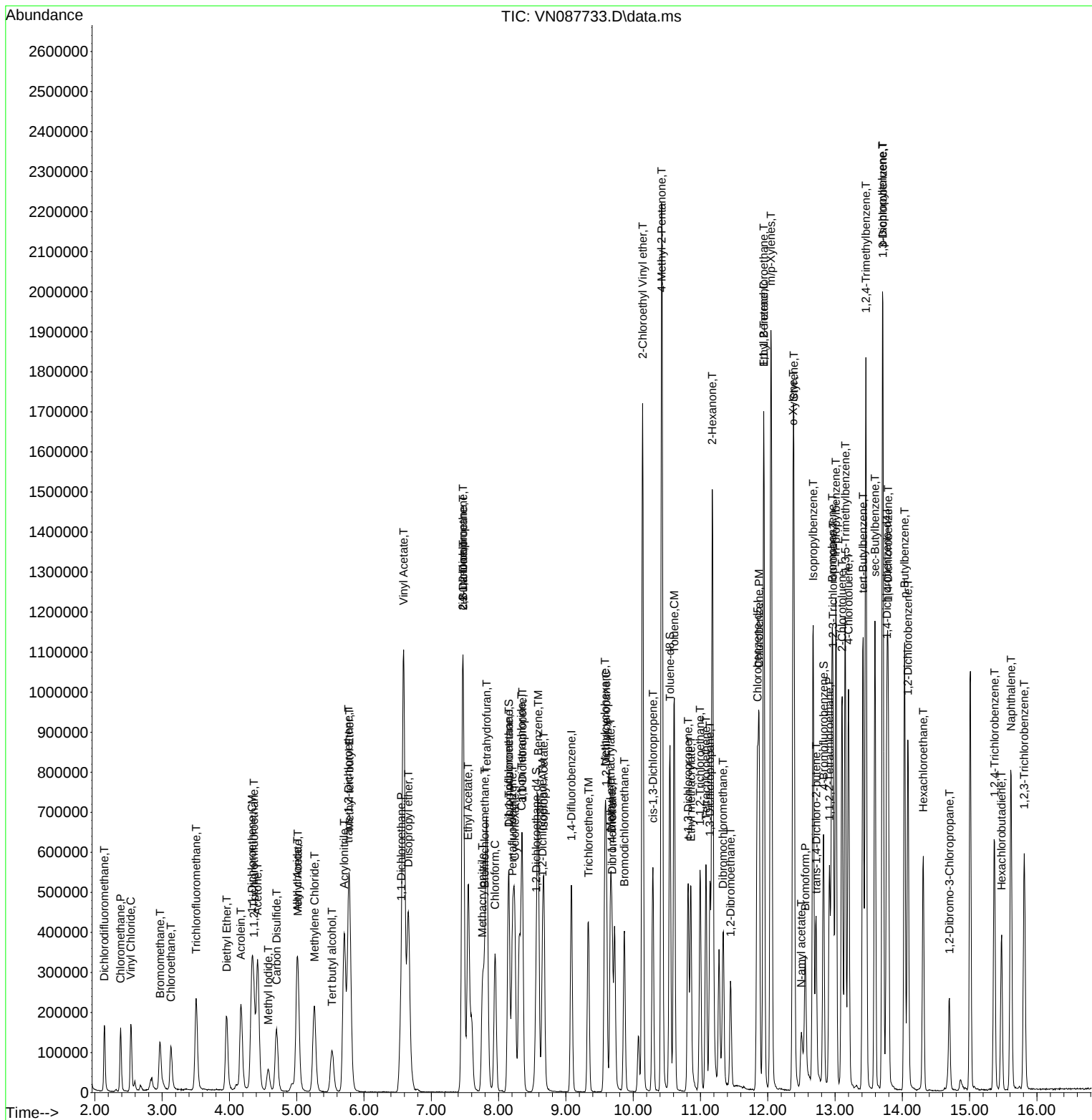
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ClientSampleId :

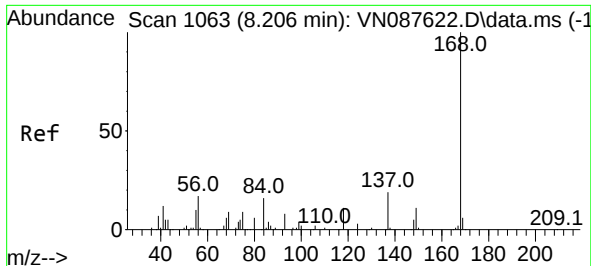
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QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

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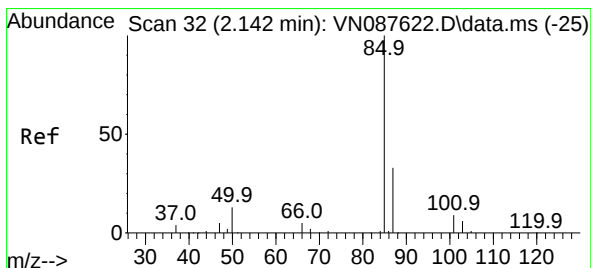
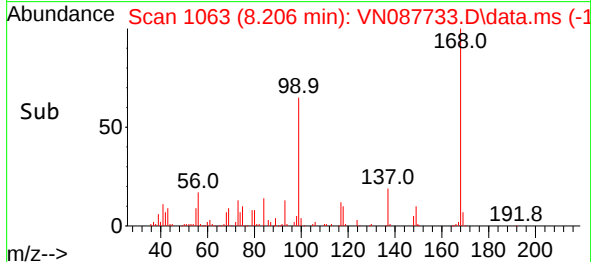
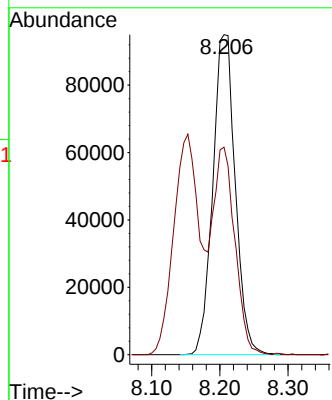
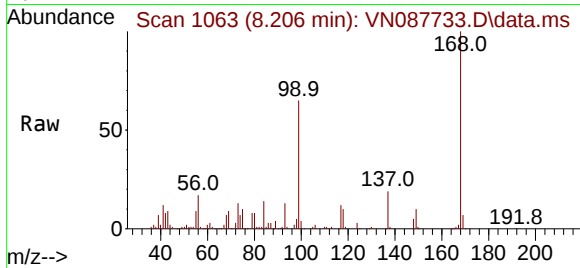




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087733.D
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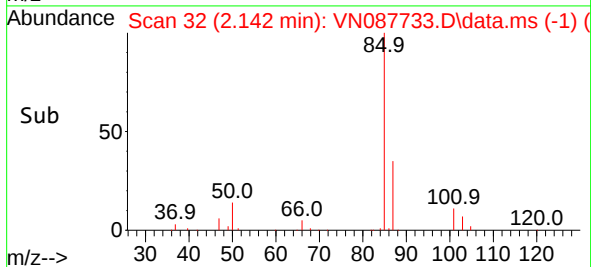
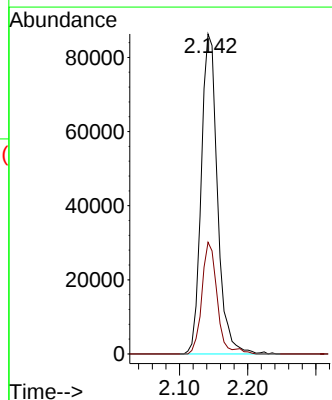
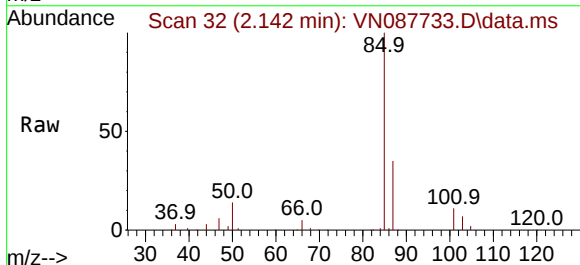
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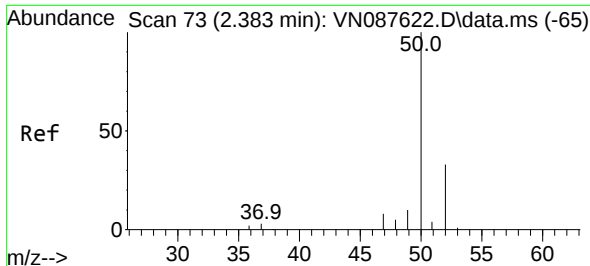
Tgt Ion:168 Resp: 218341
Ion Ratio Lower Upper
168 100
99 64.5 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 46.079 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion: 85 Resp: 142892
Ion Ratio Lower Upper
85 100
87 34.9 16.6 49.8





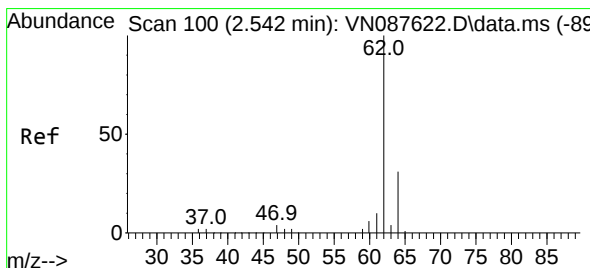
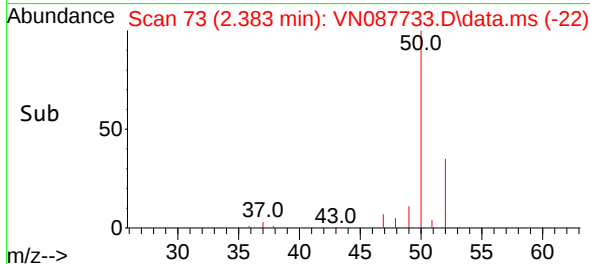
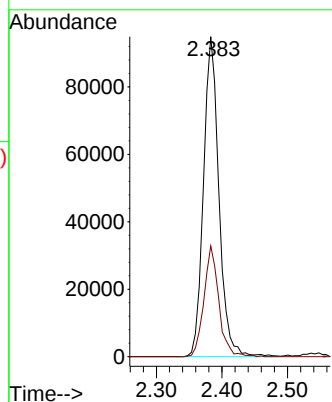
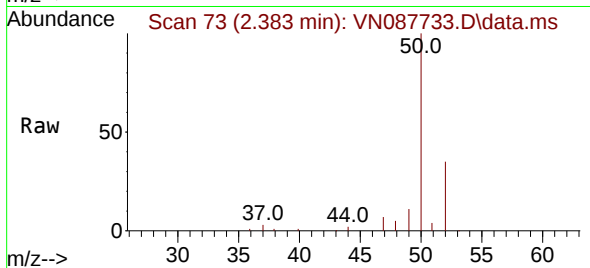
#3
Chloromethane
Concen: 48.886 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087733.D
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Instrument :

MSVOA_N

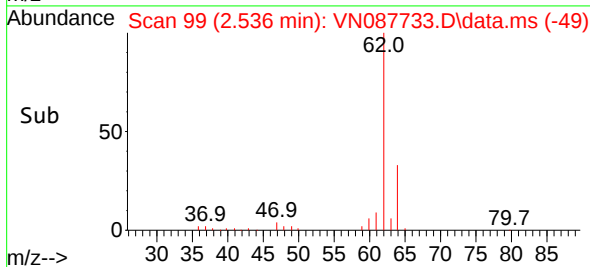
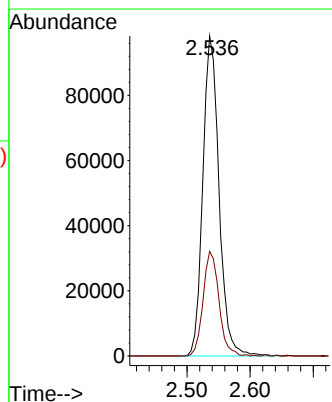
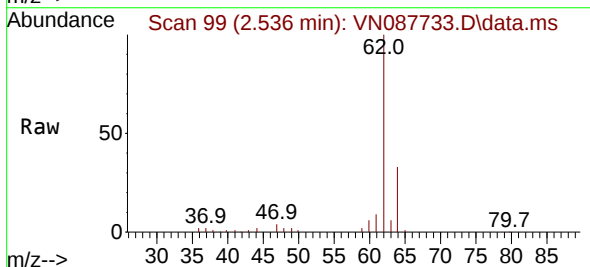
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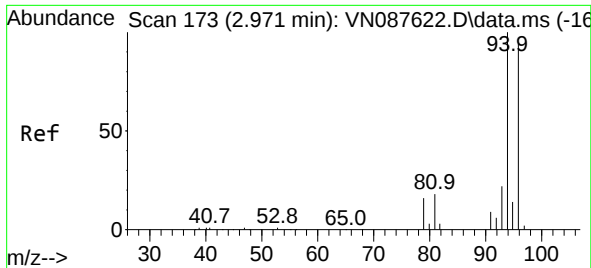
Tgt Ion: 50 Resp: 155792
Ion Ratio Lower Upper
50 100
52 34.6 26.2 39.4



#4
Vinyl Chloride
Concen: 47.399 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion: 62 Resp: 175142
Ion Ratio Lower Upper
62 100
64 32.7 24.6 37.0

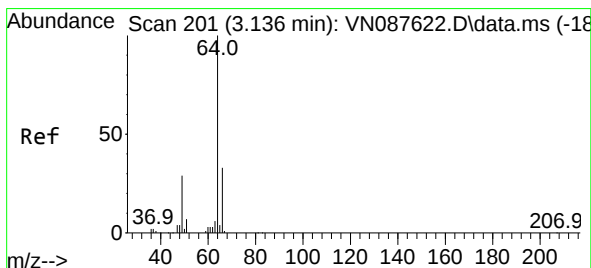
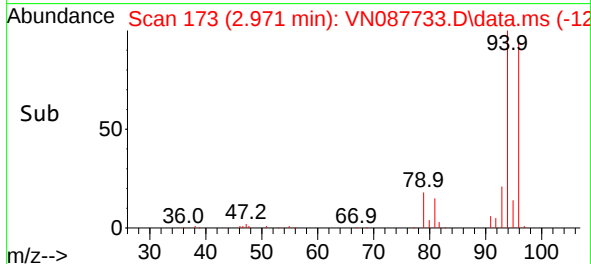
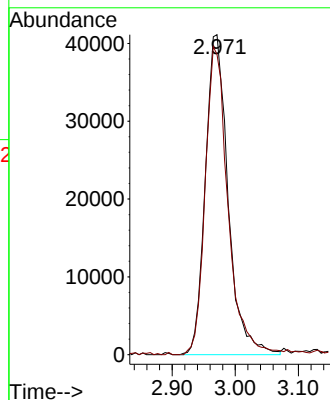
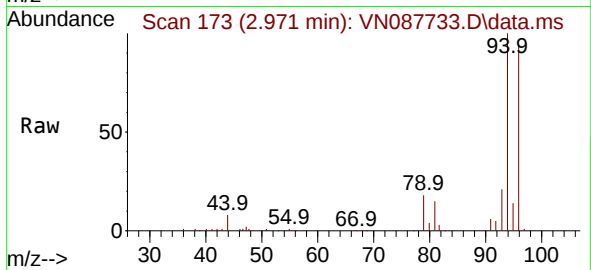




#5
Bromomethane
Concen: 54.068 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

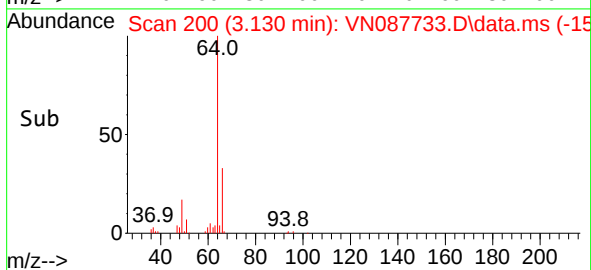
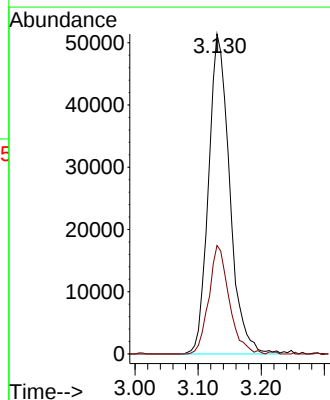
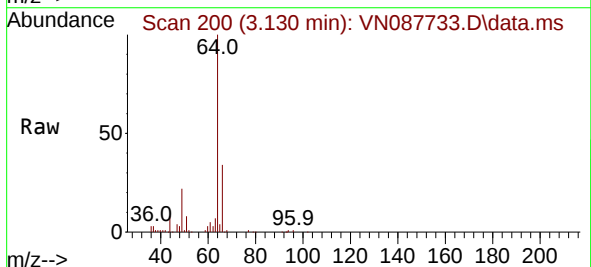
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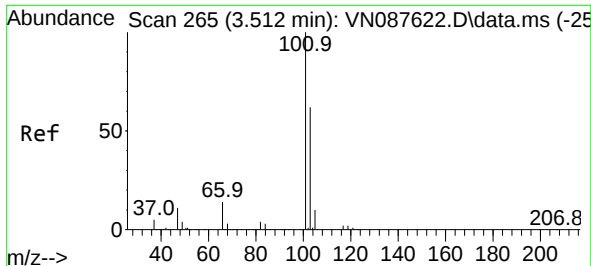
Tgt Ion: 94 Resp: 103085
Ion Ratio Lower Upper
94 100
96 93.9 75.4 113.2



#6
Chloroethane
Concen: 46.137 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion: 64 Resp: 119819
Ion Ratio Lower Upper
64 100
66 33.9 26.2 39.2

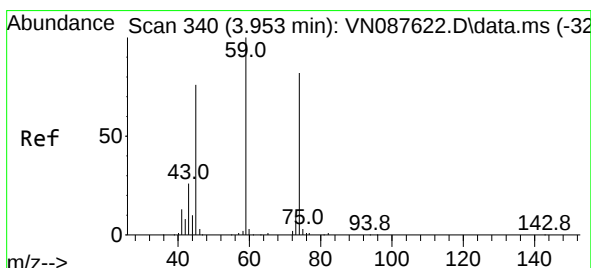
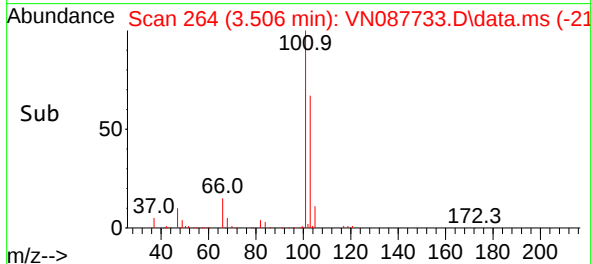
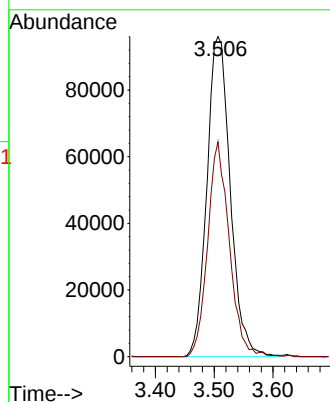
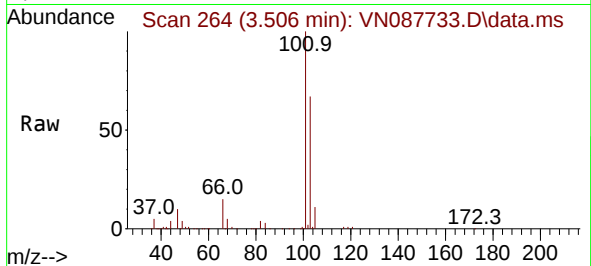




#7
 Trichlorofluoromethane
 Concen: 49.001 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087733.D
 Acq: 05 Sep 2025 11:12

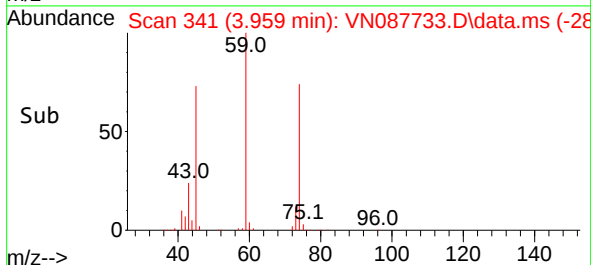
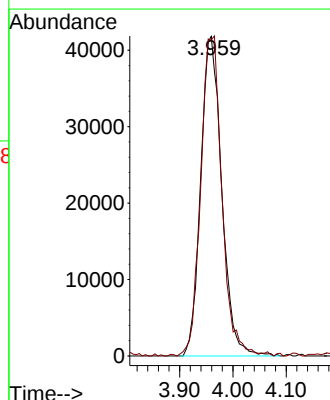
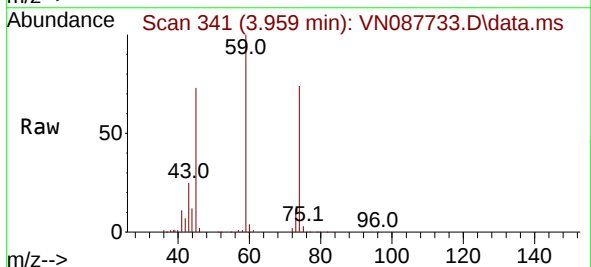
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:101 Resp: 265276
 Ion Ratio Lower Upper
 101 100
 103 67.1 49.4 74.0



#8
 Diethyl Ether
 Concen: 48.652 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087733.D
 Acq: 05 Sep 2025 11:12

Tgt Ion: 74 Resp: 114706
 Ion Ratio Lower Upper
 74 100
 45 100.2 50.6 151.9

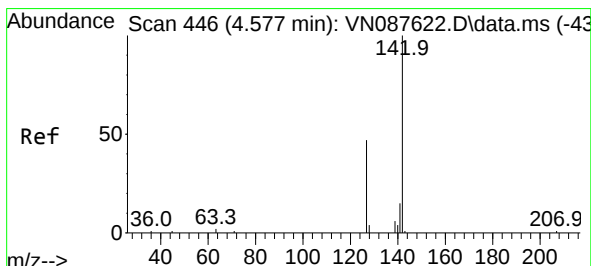
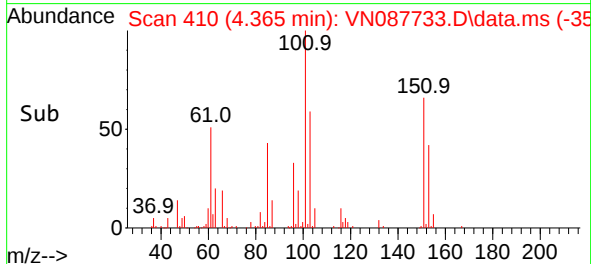
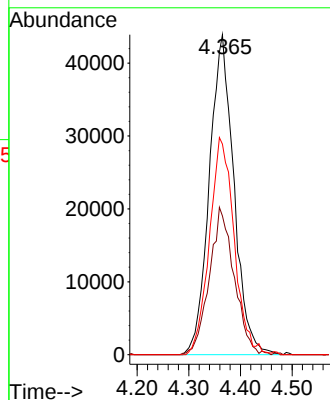
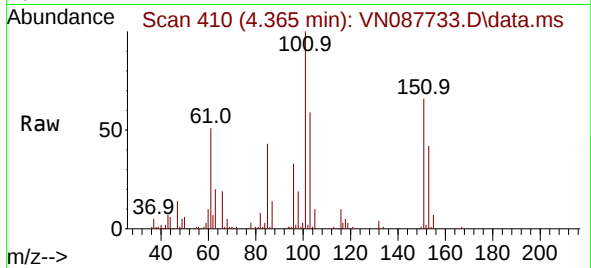




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.195 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
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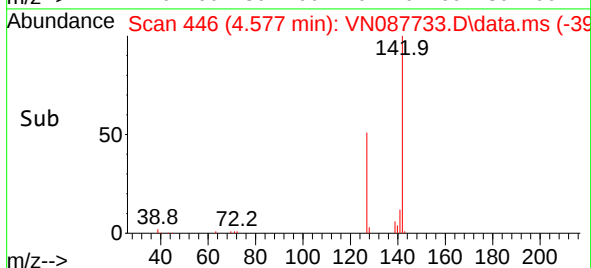
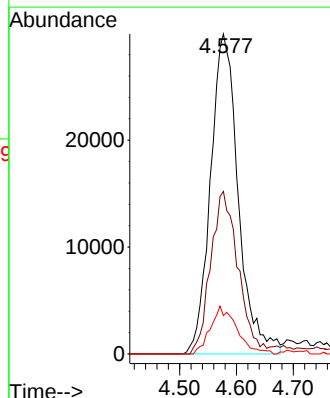
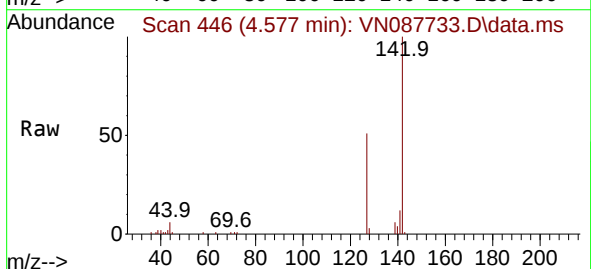
Instrument :
MSVOA_N
ClientSampleId :

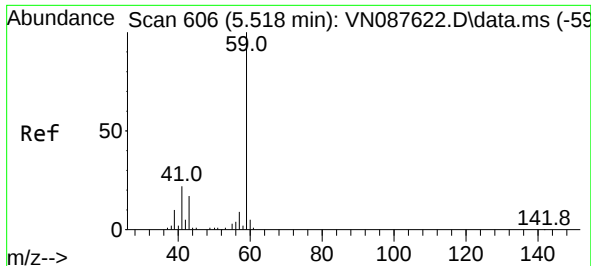
Tgt Ion:101 Resp: 144573
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 68.4 54.7 82.1



#10
Methyl Iodide
Concen: 45.160 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion:142 Resp: 101637
Ion Ratio Lower Upper
142 100
127 50.8 38.0 57.0
141 12.0 12.0 18.0

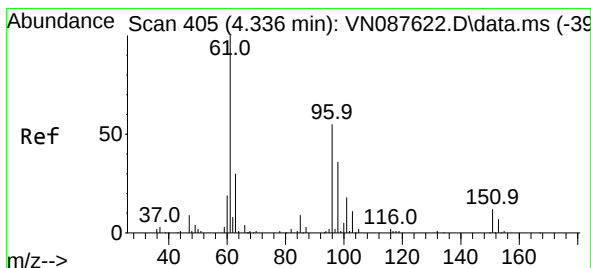
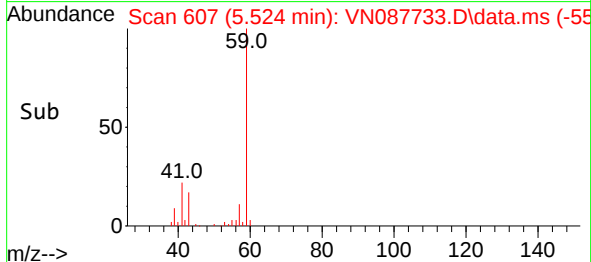
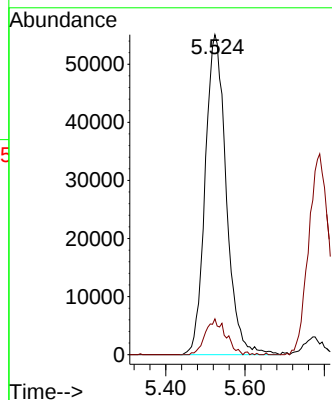
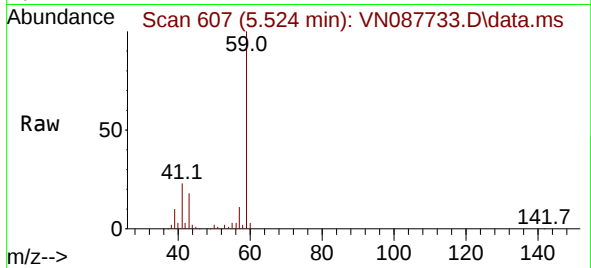




#11
Tert butyl alcohol
Concen: 261.224 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

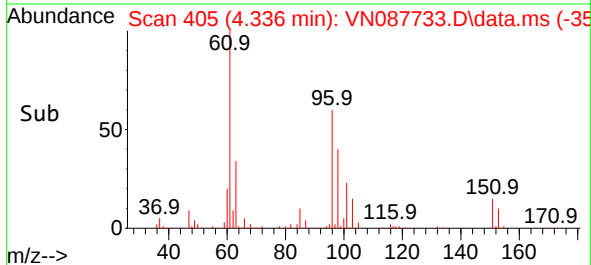
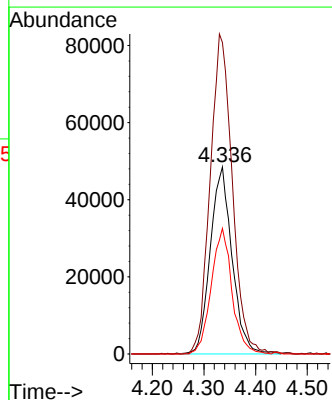
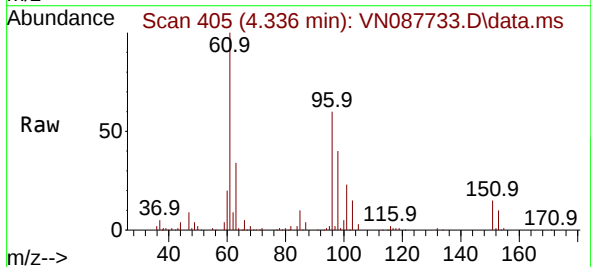
Instrument :
MSVOA_N
ClientSampleId :

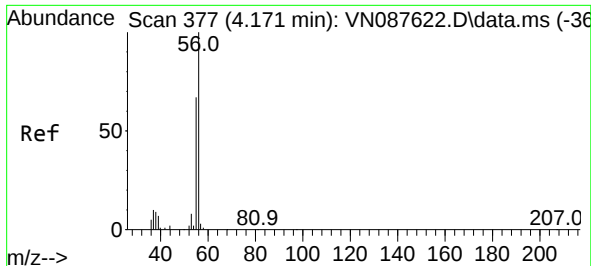
Tgt Ion: 59 Resp: 202873
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.4



#12
1,1-Dichloroethene
Concen: 45.199 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion: 96 Resp: 142282
Ion Ratio Lower Upper
96 100
61 166.5 143.8 215.8
98 67.1 52.1 78.1

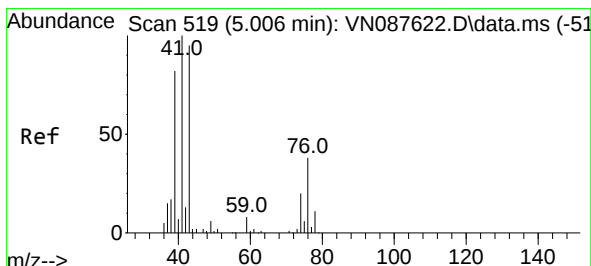
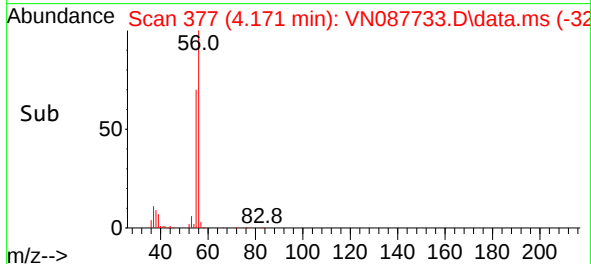
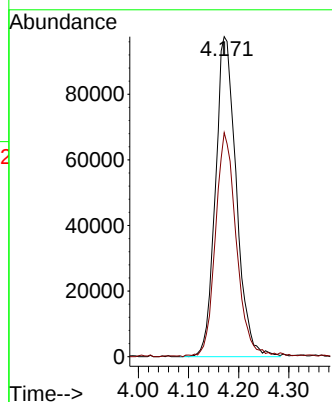
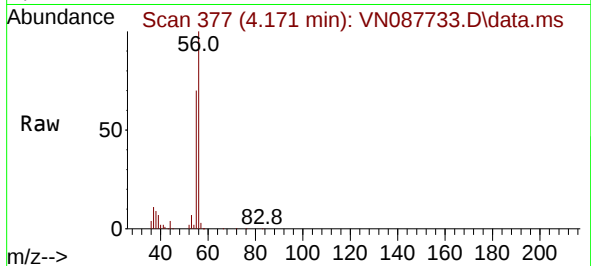




#13
Acrolein
Concen: 295.290 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

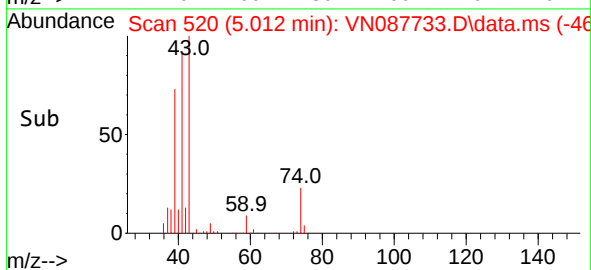
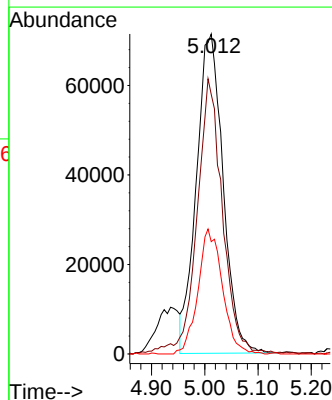
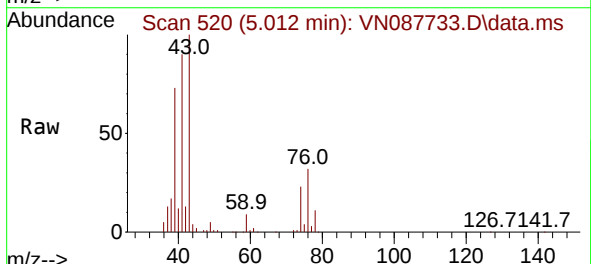
Instrument :
MSVOA_N
ClientSampleId :

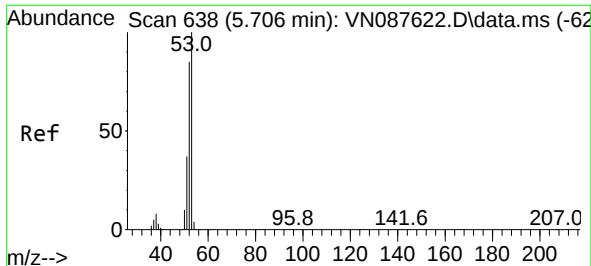
Tgt Ion: 56 Resp: 281931
Ion Ratio Lower Upper
56 100
55 70.0 57.3 85.9



#14
Allyl chloride
Concen: 43.587 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

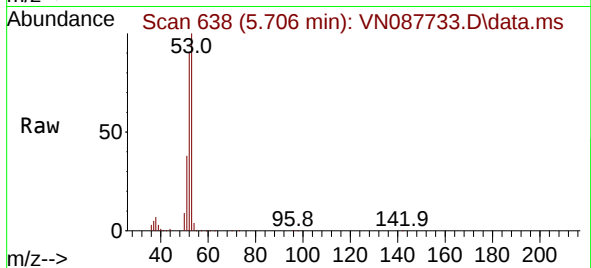
Tgt Ion: 41 Resp: 248645
Ion Ratio Lower Upper
41 100
39 82.3 63.9 95.9
76 35.8 28.1 42.1



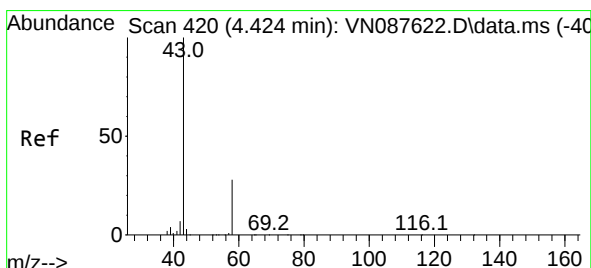
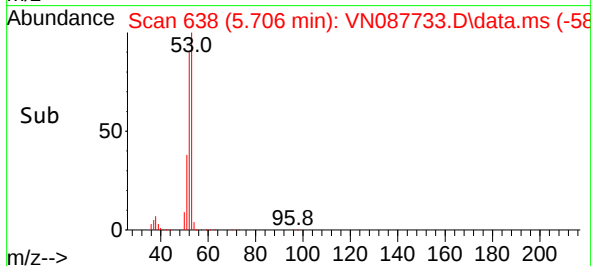
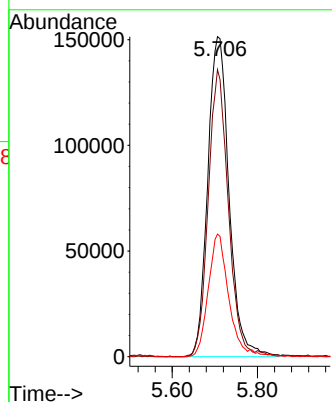


#15
Acrylonitrile
Concen: 240.838 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Instrument :
MSVOA_N
ClientSampleId :

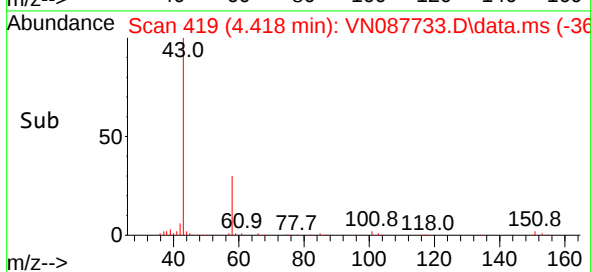
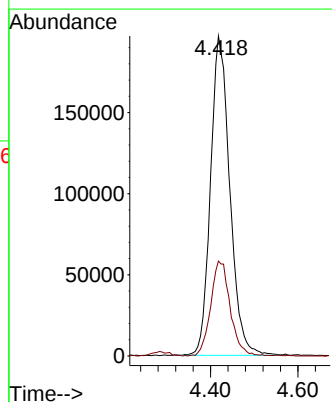
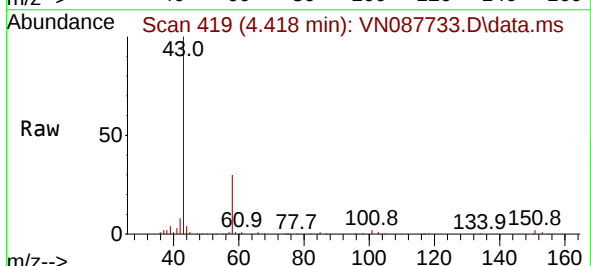


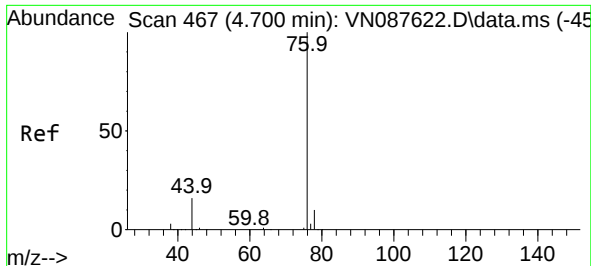
Tgt Ion: 53 Resp: 527501
Ion Ratio Lower Upper
53 100
52 83.6 67.6 101.4
51 36.8 30.1 45.1



#16
Acetone
Concen: 246.909 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion: 43 Resp: 601288
Ion Ratio Lower Upper
43 100
58 29.6 22.6 33.8

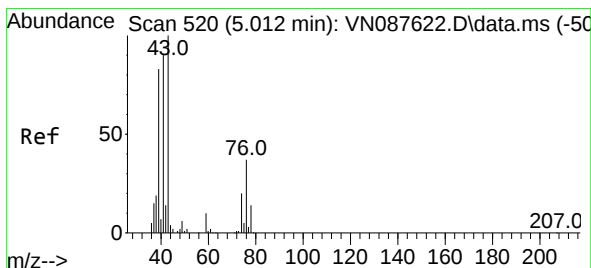
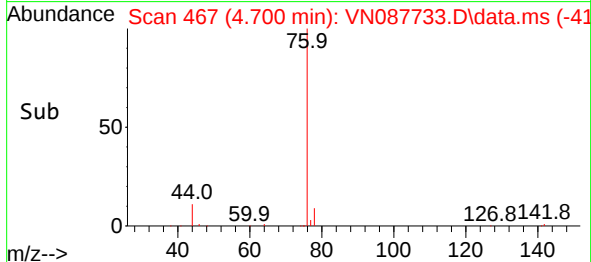
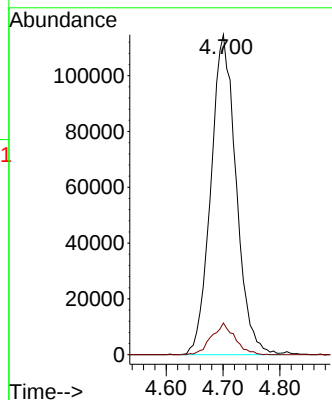
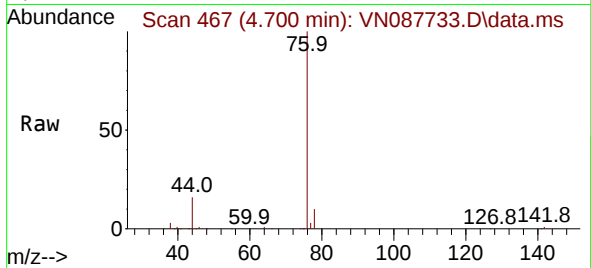




#17
Carbon Disulfide
Concen: 40.898 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

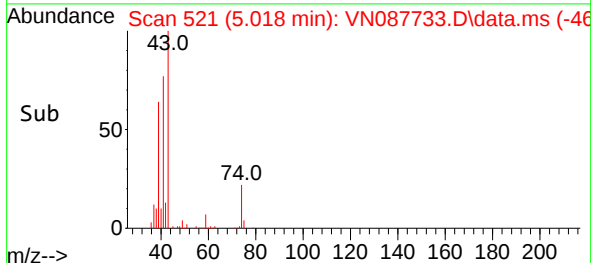
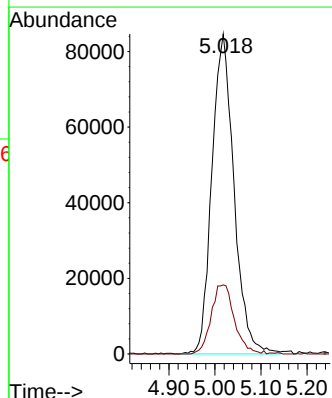
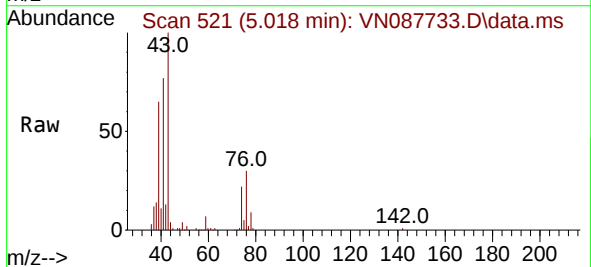
Instrument :
MSVOA_N
ClientSampleId :

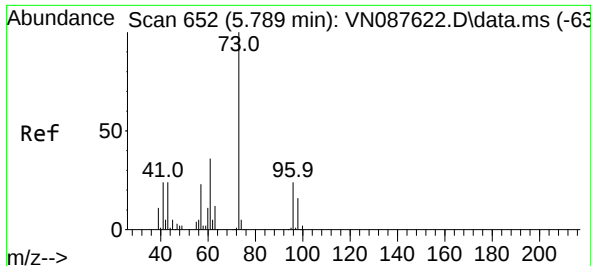
Tgt Ion: 76 Resp: 354432
Ion Ratio Lower Upper
76 100
78 9.9 7.6 11.4



#18
Methyl Acetate
Concen: 55.176 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion: 43 Resp: 281338
Ion Ratio Lower Upper
43 100
74 22.6 17.6 26.4

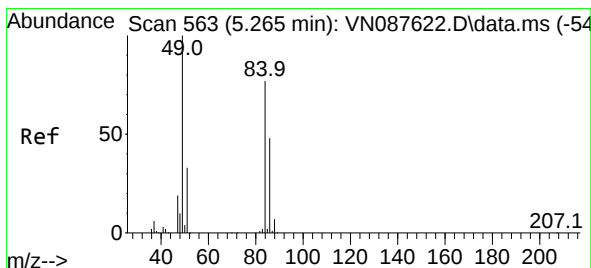
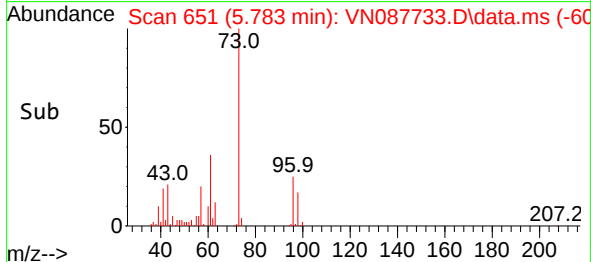
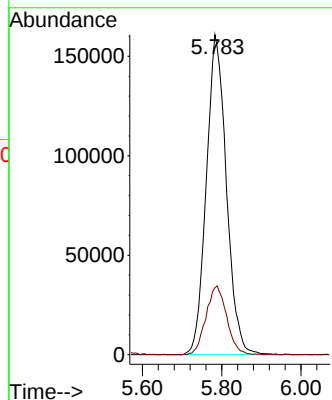
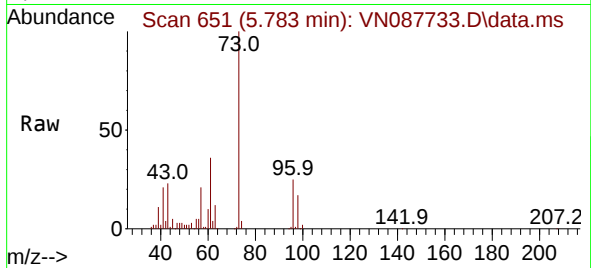




#19
Methyl tert-butyl Ether
Concen: 47.891 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

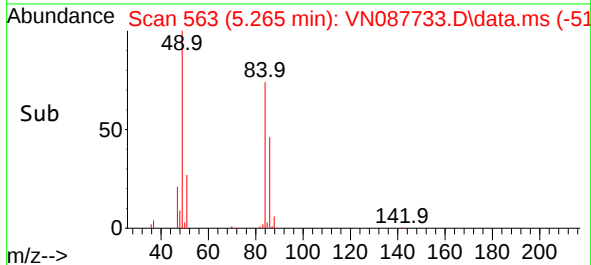
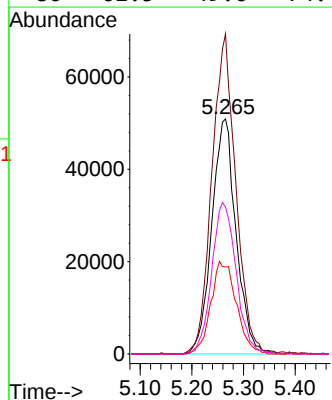
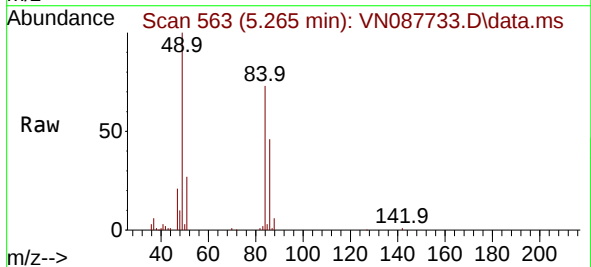
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 73 Resp: 565549
Ion Ratio Lower Upper
73 100
57 20.9 18.4 27.6



#20
Methylene Chloride
Concen: 47.141 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

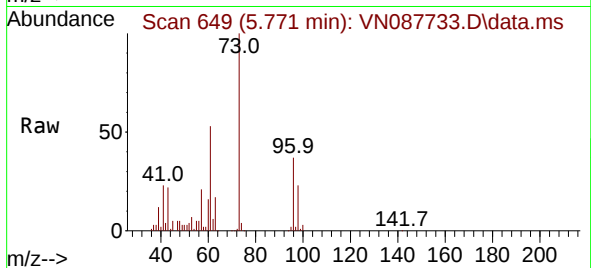
Tgt Ion: 84 Resp: 166301
Ion Ratio Lower Upper
84 100
49 136.2 103.4 155.2
51 37.0 33.8 50.8
86 62.5 49.6 74.4



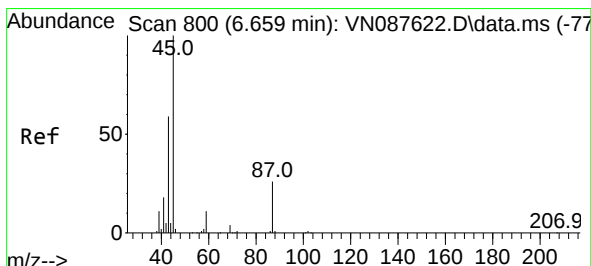
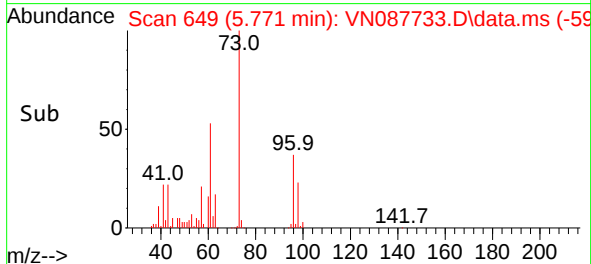
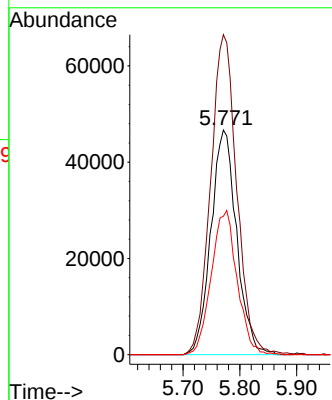


#21
trans-1,2-Dichloroethene
Concen: 43.031 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Instrument :
MSVOA_N
ClientSampleId :

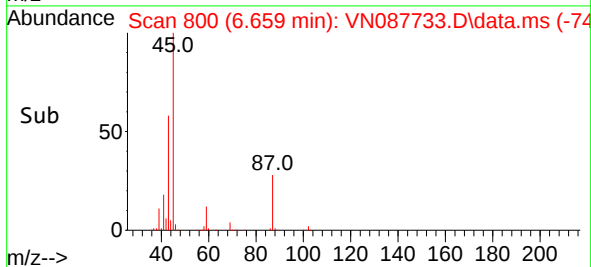
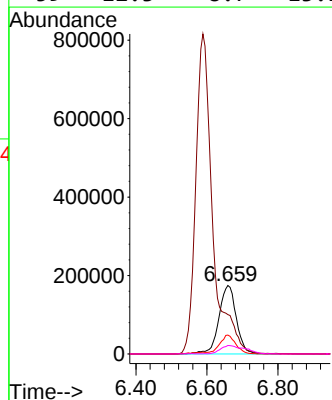
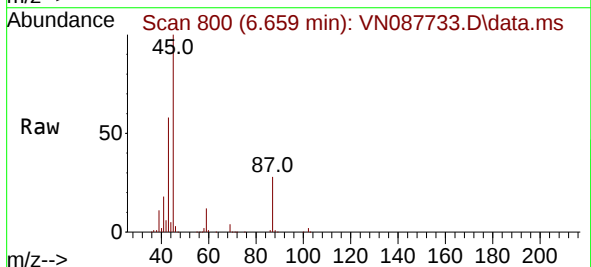


Tgt Ion: 96 Resp: 146808
Ion Ratio Lower Upper
96 100
61 142.5 118.0 177.0
98 61.6 50.0 75.0



#22
Diisopropyl ether
Concen: 48.001 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

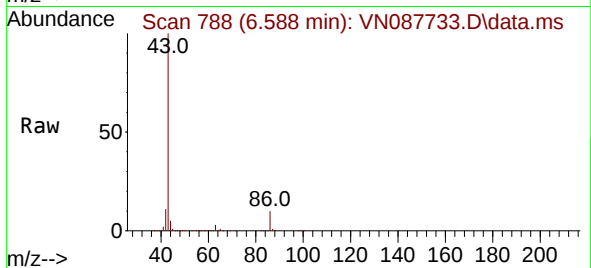
Tgt Ion: 45 Resp: 590909
Ion Ratio Lower Upper
45 100
43 57.1 47.7 71.5
87 27.6 21.4 32.0
59 12.3 8.7 13.1



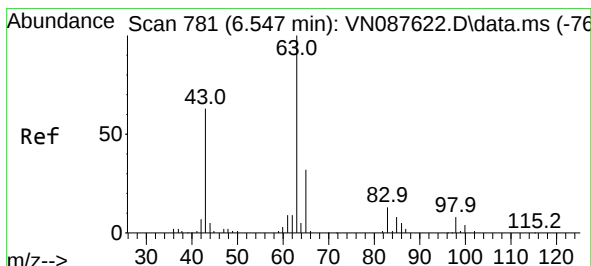
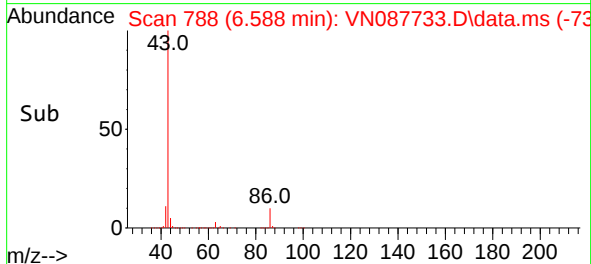
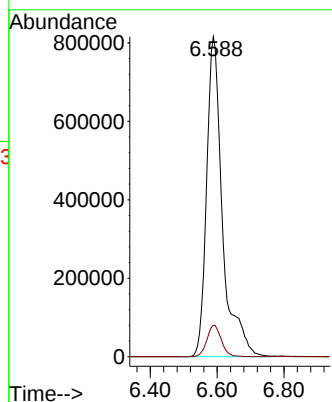


#23
 Vinyl Acetate
 Concen: 240.064 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087733.D
 Acq: 05 Sep 2025 11:12

Instrument :
 MSVOA_N
 ClientSampleId :

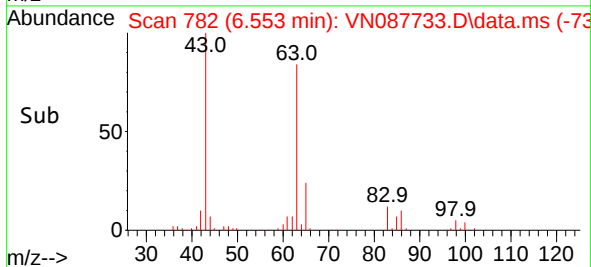
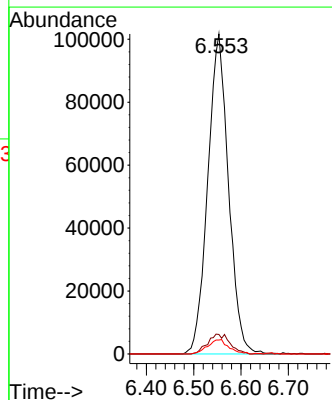
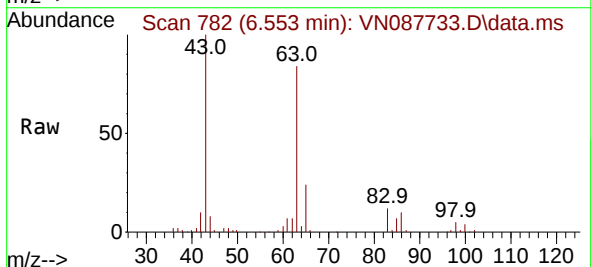


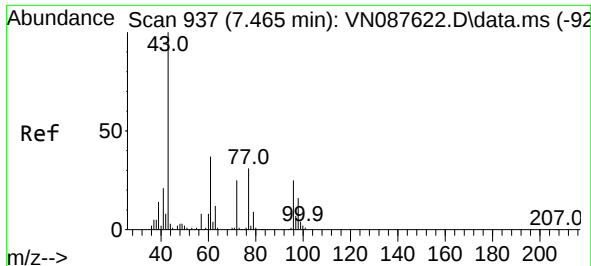
Tgt Ion: 43 Resp: 2688673
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 45.824 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087733.D
 Acq: 05 Sep 2025 11:12

Tgt Ion: 63 Resp: 309295
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.8 11.4
 100 4.4 2.0 6.0

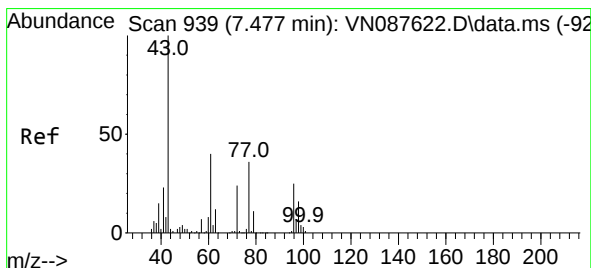
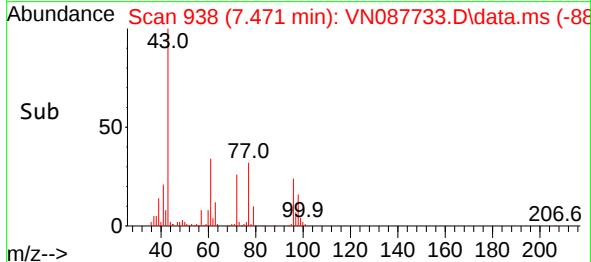
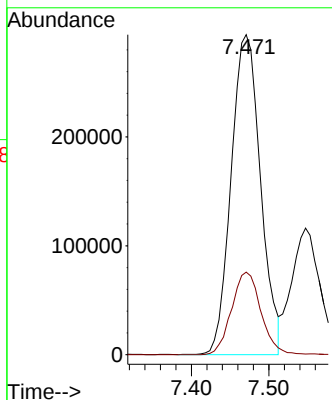
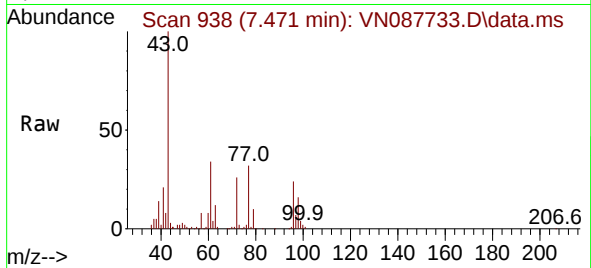




#25
2-Butanone
Concen: 242.425 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

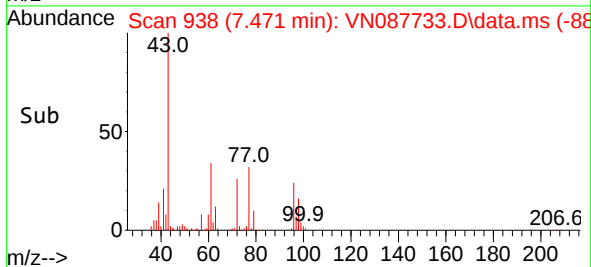
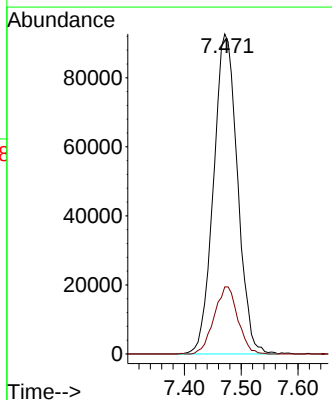
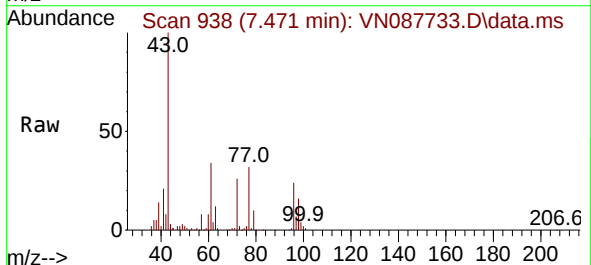
Instrument :
MSVOA_N
ClientSampleId :

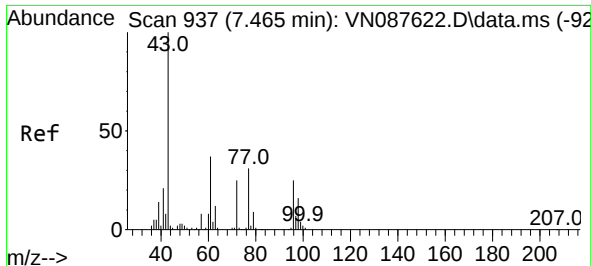
Tgt Ion: 43 Resp: 776704
Ion Ratio Lower Upper
43 100
72 25.8 19.9 29.9



#26
2,2-Dichloropropane
Concen: 46.932 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

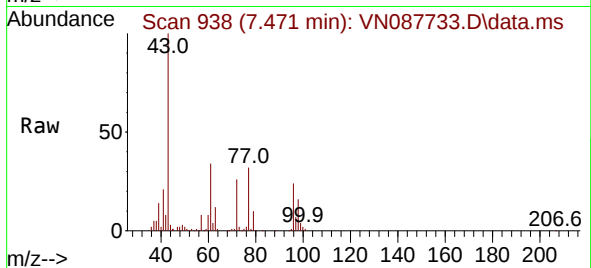
Tgt Ion: 77 Resp: 271879
Ion Ratio Lower Upper
77 100
97 20.7 10.9 32.7



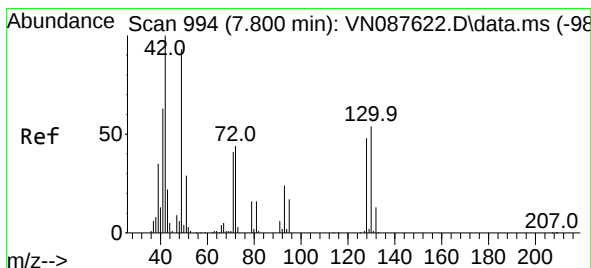
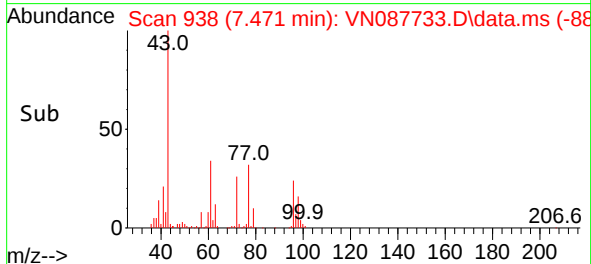
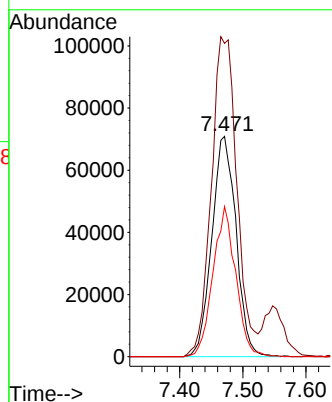


#27
 cis-1,2-Dichloroethene
 Concen: 46.366 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087733.D
 Acq: 05 Sep 2025 11:12

Instrument :
 MSVOA_N
 ClientSampleId :

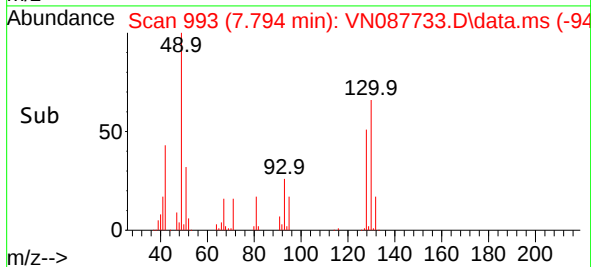
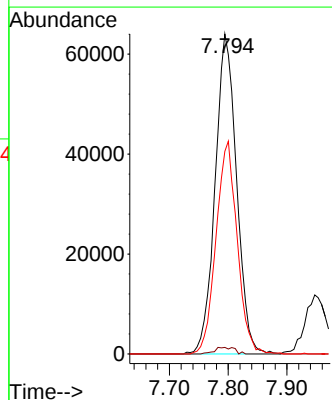
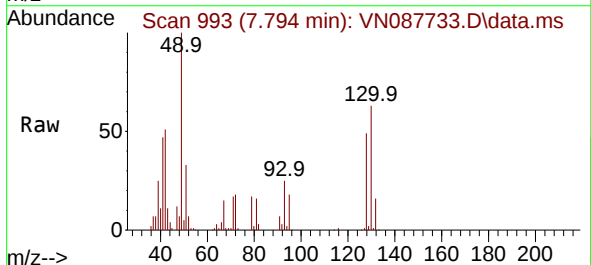


Tgt Ion: 96 Resp: 189107
 Ion Ratio Lower Upper
 96 100
 61 153.4 0.0 301.8
 98 64.1 0.0 126.2



#28
 Bromochloromethane
 Concen: 49.787 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087733.D
 Acq: 05 Sep 2025 11:12

Tgt Ion: 49 Resp: 162460
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.0
 130 65.7 53.1 79.7





#29

Tetrahydrofuran

Concen: 242.470 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

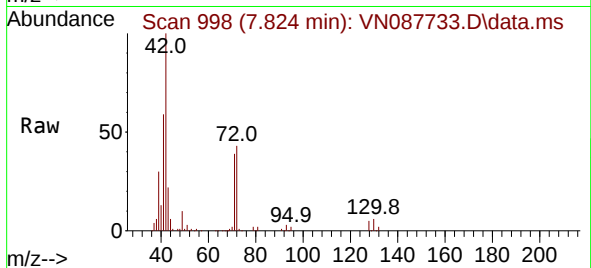
Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

Instrument :

MSVOA_N

ClientSampleId :



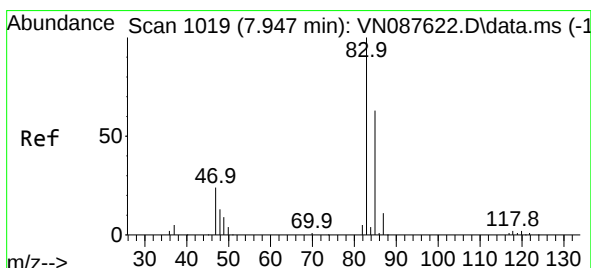
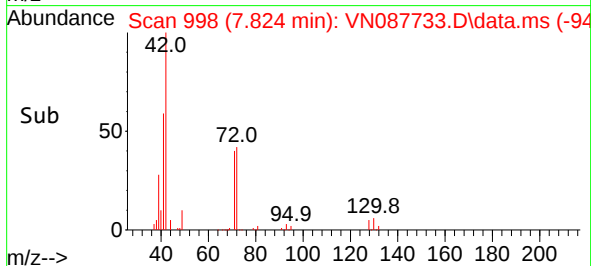
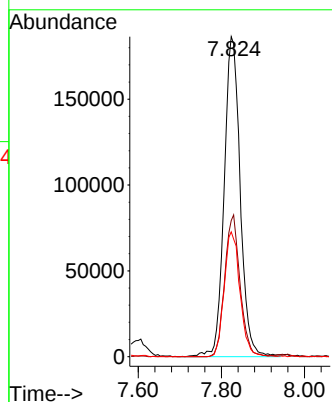
Tgt Ion: 42 Resp: 499945

Ion Ratio Lower Upper

42 100

72 42.3 33.7 50.5

71 38.4 31.9 47.9



#30

Chloroform

Concen: 47.651 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087733.D

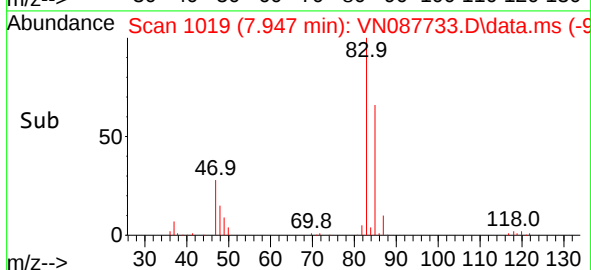
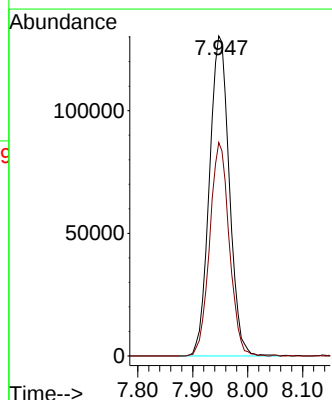
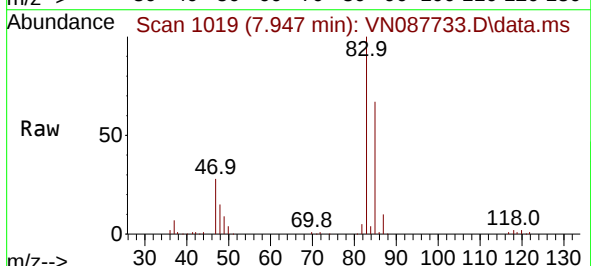
Acq: 05 Sep 2025 11:12

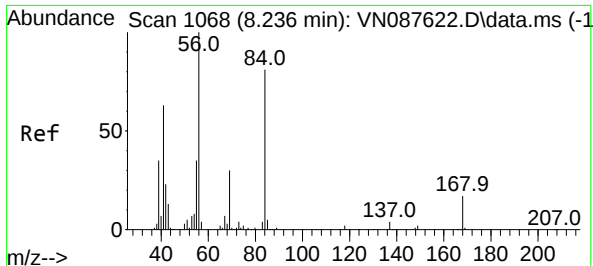
Tgt Ion: 83 Resp: 328284

Ion Ratio Lower Upper

83 100

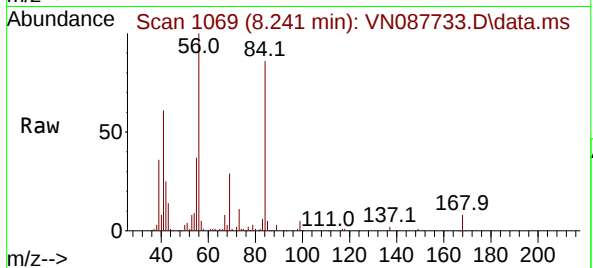
85 66.7 50.7 76.1



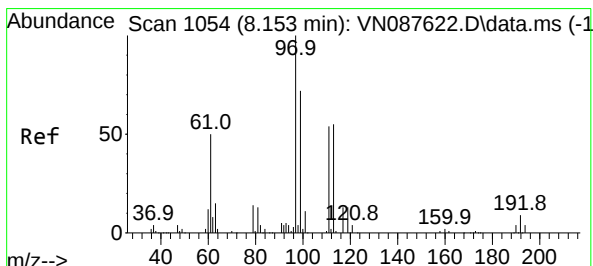
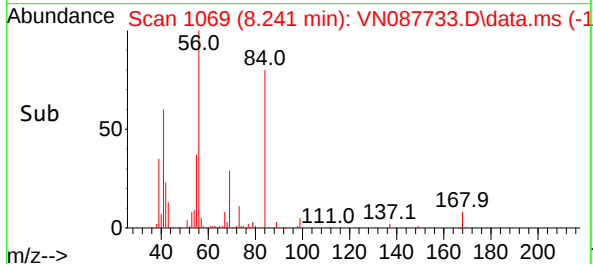
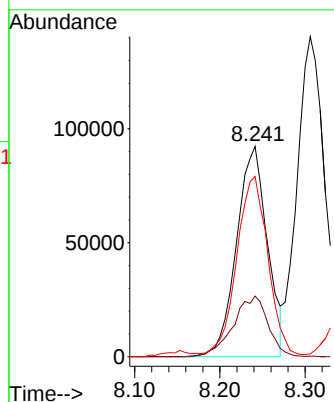


#31
Cyclohexane
Concen: 41.170 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Instrument :
MSVOA_N
ClientSampleId :

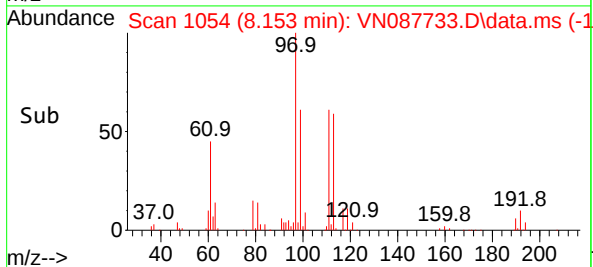
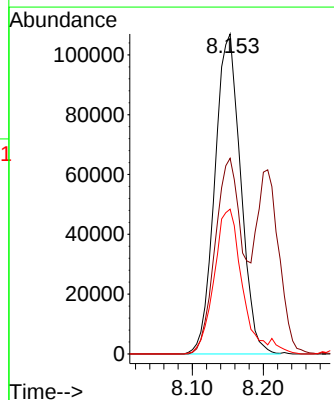
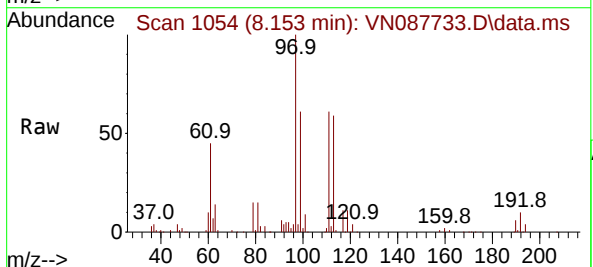


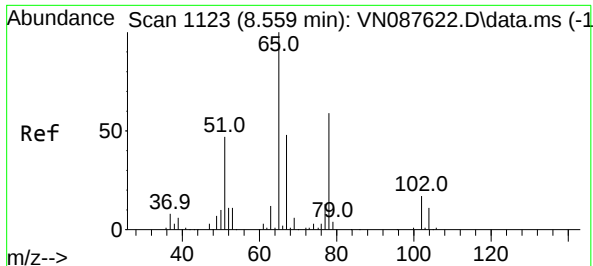
Tgt Ion: 56 Resp: 231659
Ion Ratio Lower Upper
56 100
69 28.8 23.7 35.5
84 82.7 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 46.308 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion: 97 Resp: 270369
Ion Ratio Lower Upper
97 100
99 65.0 52.2 78.2
61 48.1 41.2 61.8

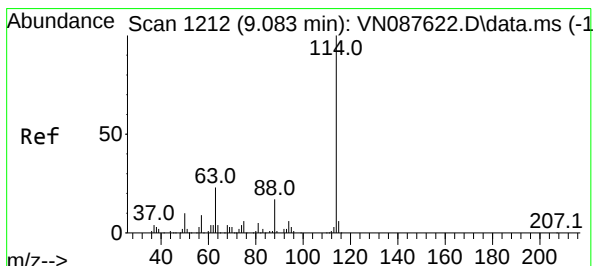
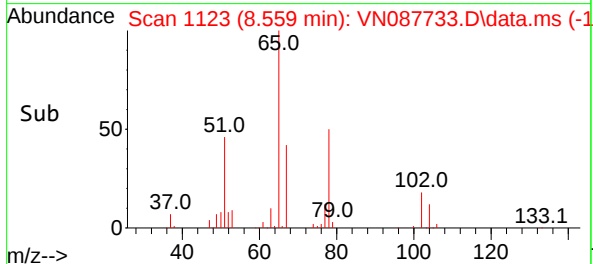
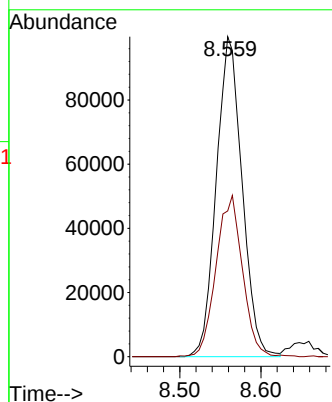
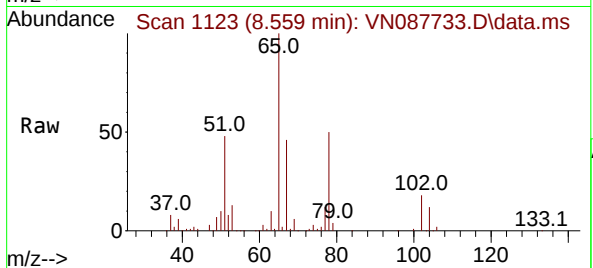




#33
1,2-Dichloroethane-d4
Concen: 49.211 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

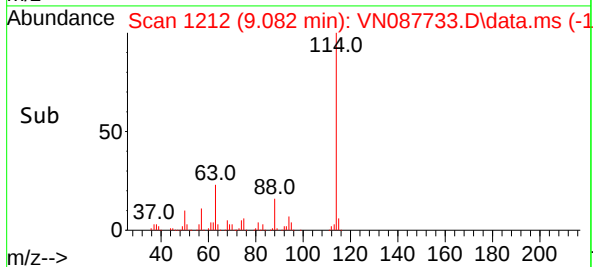
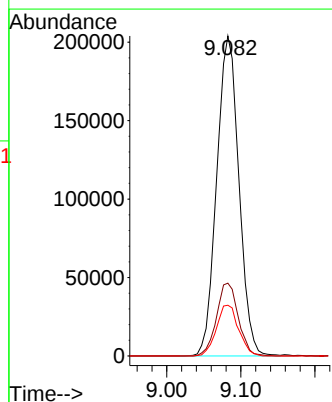
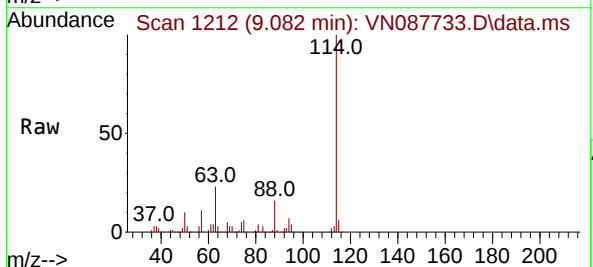
Instrument :
MSVOA_N
ClientSampleId :

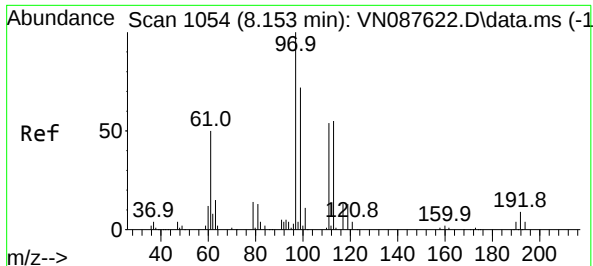
Tgt Ion: 65 Resp: 220146
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion: 114 Resp: 424360
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.2
88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.671 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

Instrument :

MSVOA_N

ClientSampleId :

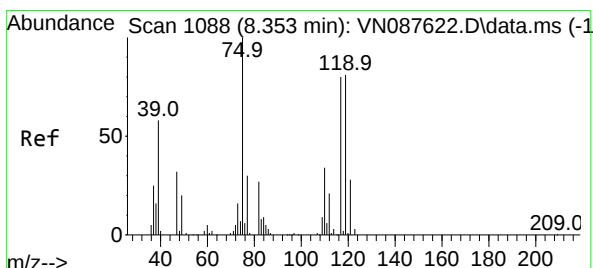
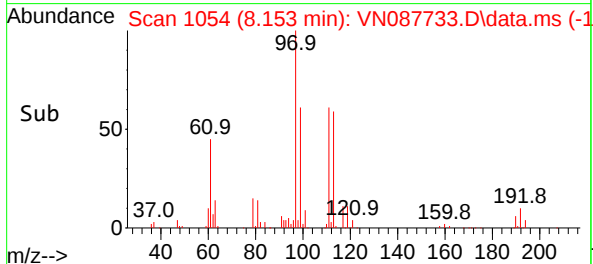
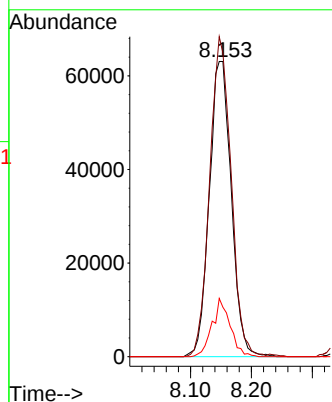
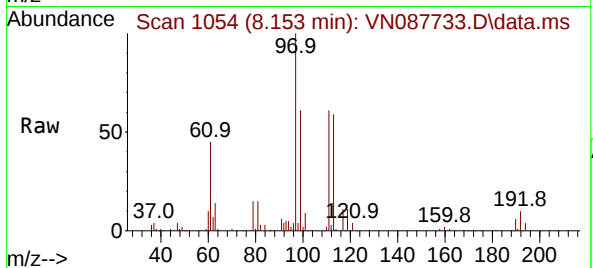
Tgt Ion:113 Resp: 158313

Ion Ratio Lower Upper

113 100

111 105.4 82.8 124.2

192 16.2 12.8 19.2



#36

1,1-Dichloropropene

Concen: 43.622 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

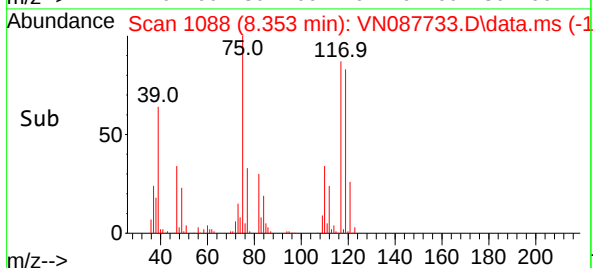
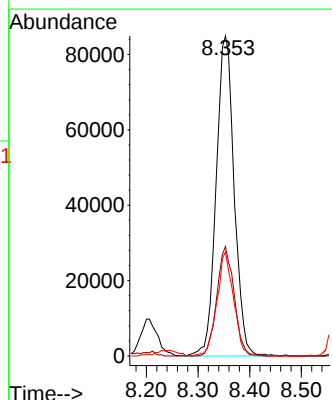
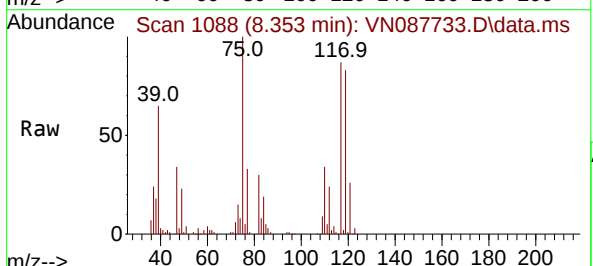
Tgt Ion: 75 Resp: 205040

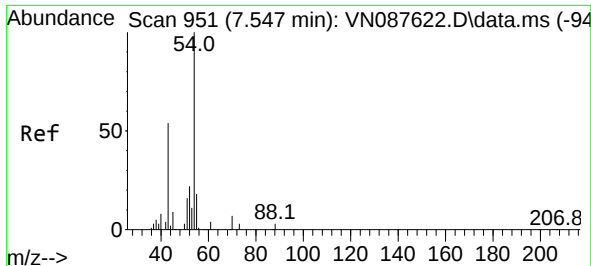
Ion Ratio Lower Upper

75 100

110 32.7 15.9 47.6

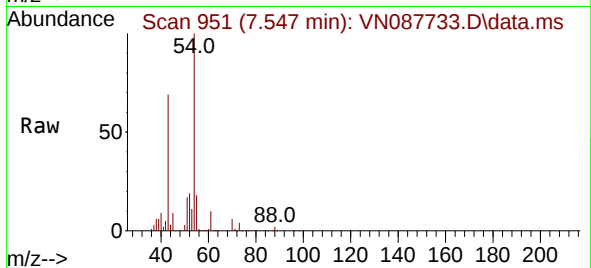
77 30.3 24.4 36.6



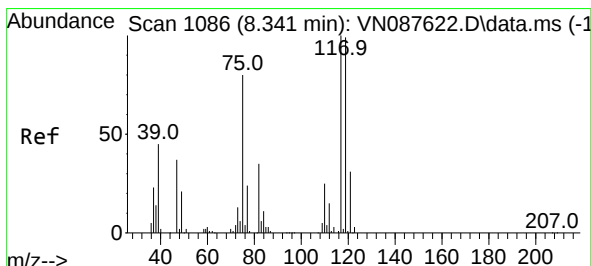
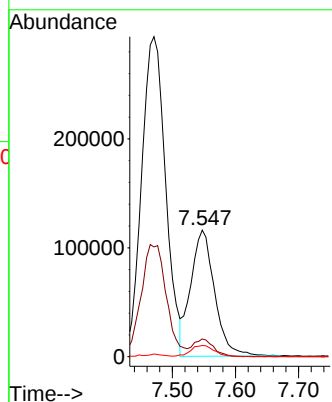
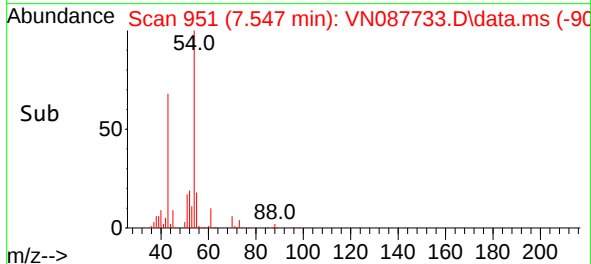


#37
Ethyl Acetate
Concen: 47.593 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Instrument :
MSVOA_N
ClientSampleId :

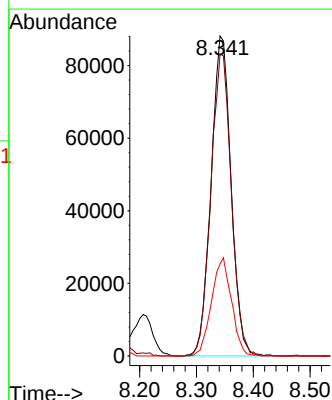
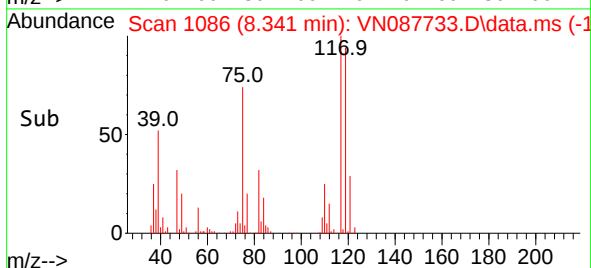
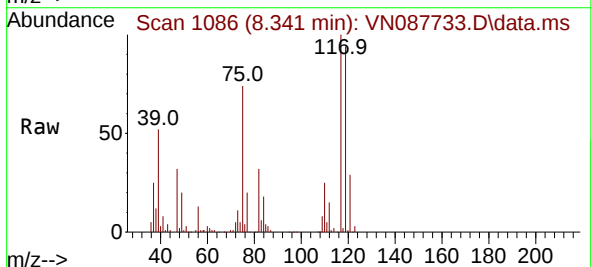


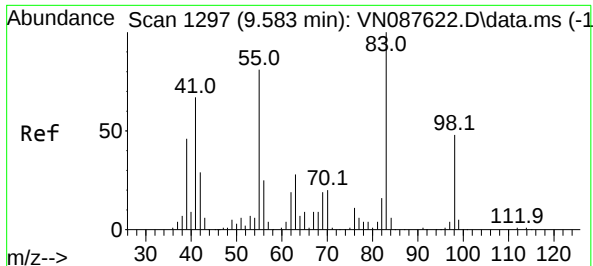
Tgt Ion: 43 Resp: 305684
Ion Ratio Lower Upper
43 100
61 11.7 9.3 13.9
70 8.9 7.0 10.6



#38
Carbon Tetrachloride
Concen: 46.360 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion: 117 Resp: 215145
Ion Ratio Lower Upper
117 100
119 94.3 79.0 118.6
121 28.7 25.0 37.6





#39

Methylcyclohexane

Concen: 42.152 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

Instrument :

MSVOA_N

ClientSampleId :

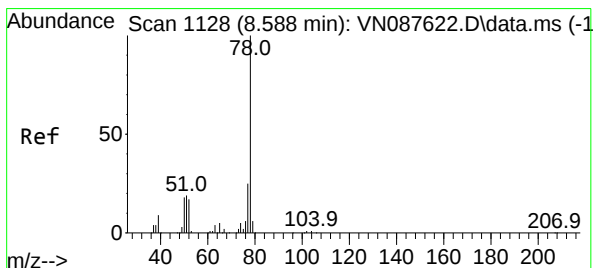
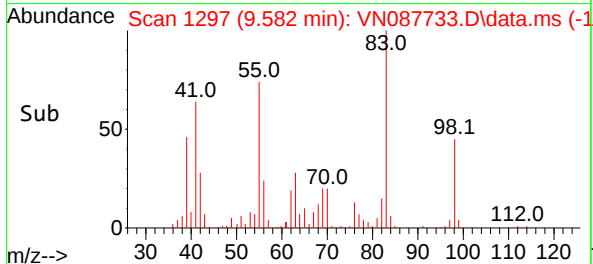
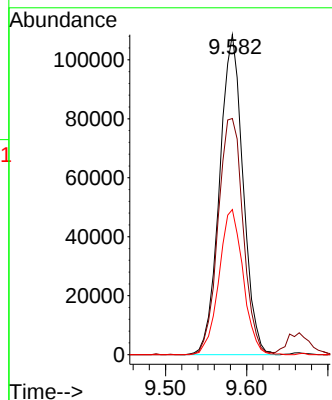
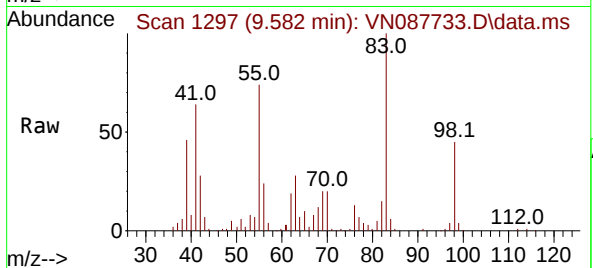
Tgt Ion: 83 Resp: 218130

Ion Ratio Lower Upper

83 100

55 73.8 64.6 96.8

98 45.3 38.4 57.6



#40

Benzene

Concen: 46.785 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087733.D

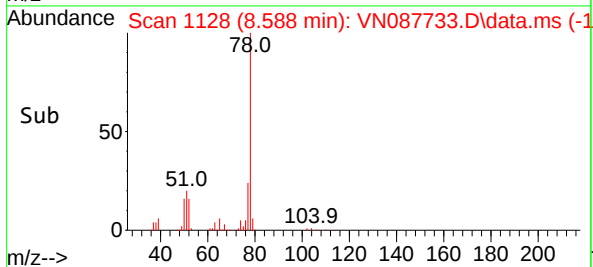
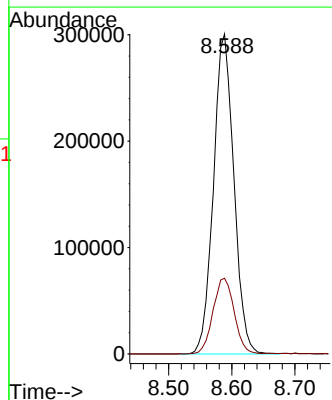
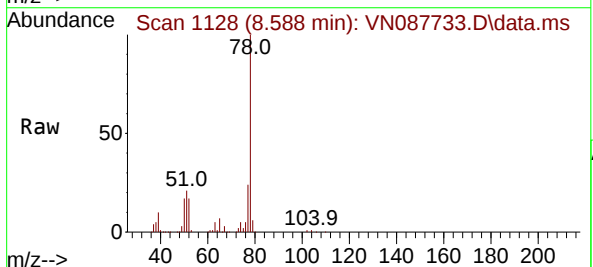
Acq: 05 Sep 2025 11:12

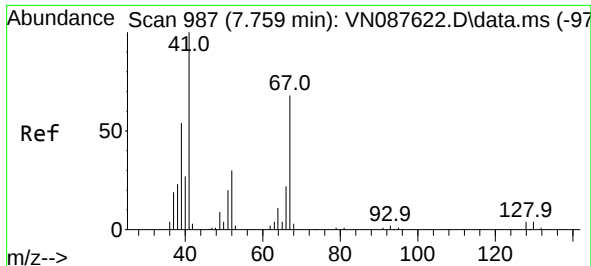
Tgt Ion: 78 Resp: 674485

Ion Ratio Lower Upper

78 100

77 23.6 19.7 29.5



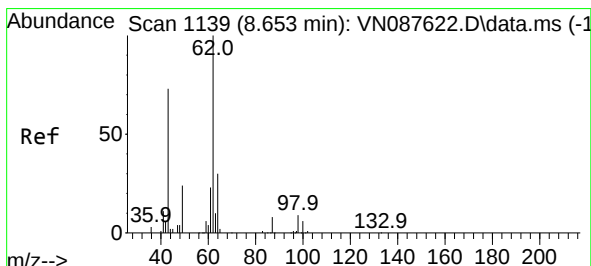
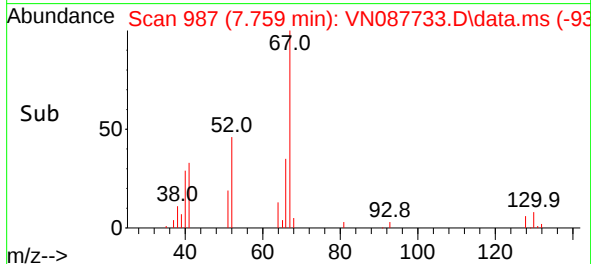
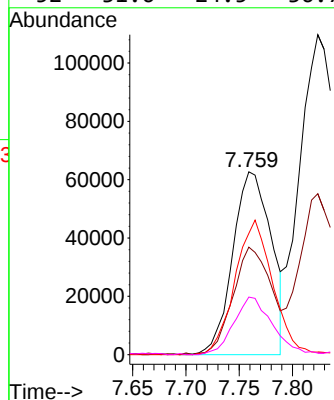
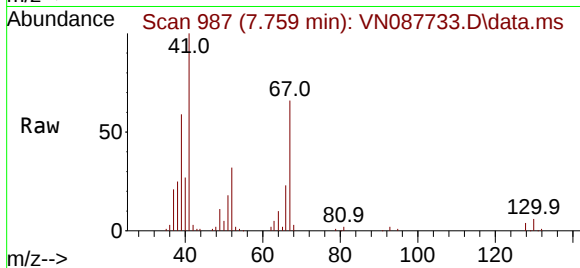


#41
Methacrylonitrile
Concen: 47.437 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 157829

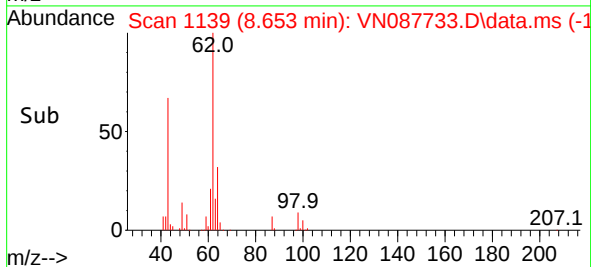
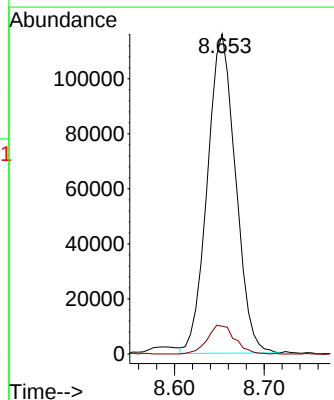
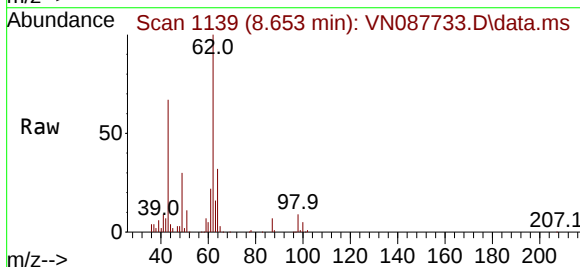
Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.4	68.0
67	72.5	55.3	82.9
52	31.6	24.5	36.7

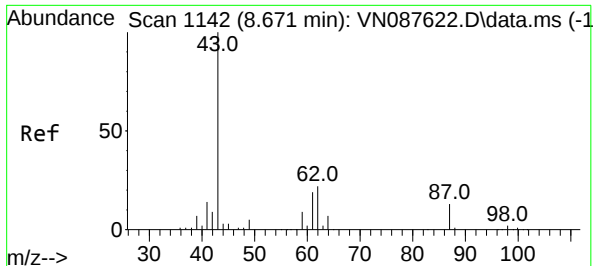


#42
1,2-Dichloroethane
Concen: 45.726 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion: 62 Resp: 253322

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.4

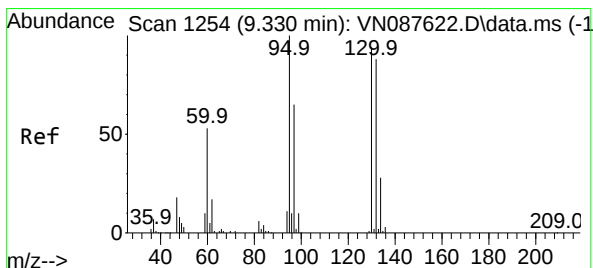
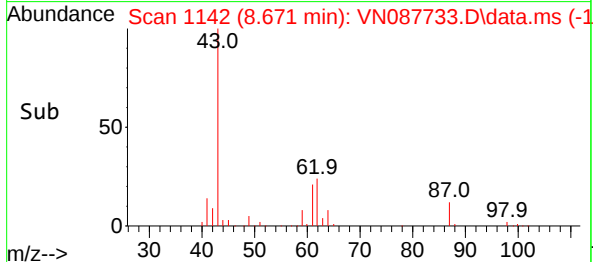
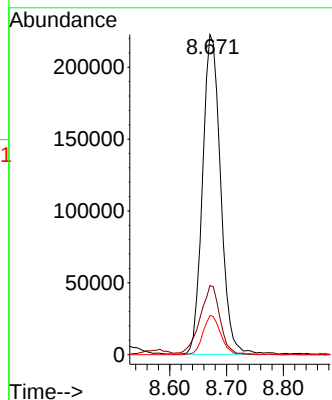
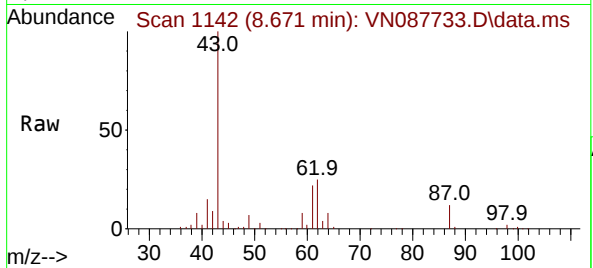




#43
Isopropyl Acetate
Concen: 49.035 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

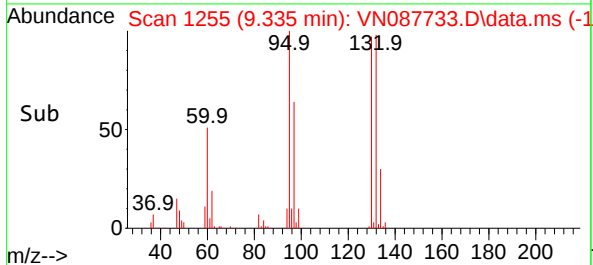
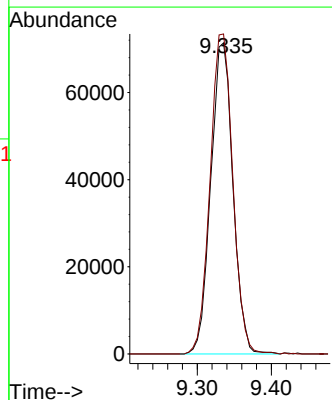
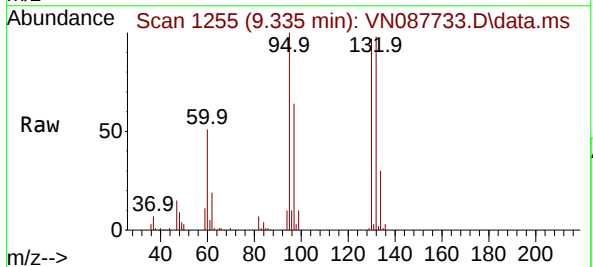
Instrument :
MSVOA_N
ClientSampleId :

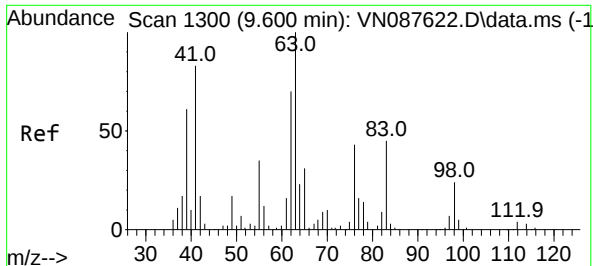
Tgt Ion: 43 Resp: 491720
Ion Ratio Lower Upper
43 100
61 23.8 18.8 28.2
87 12.1 9.6 14.4



#44
Trichloroethene
Concen: 45.041 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion:130 Resp: 148250
Ion Ratio Lower Upper
130 100
95 102.9 0.0 212.0





#45

1,2-Dichloropropane

Concen: 46.867 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

Instrument :

MSVOA_N

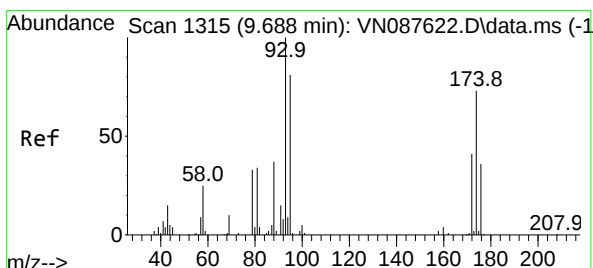
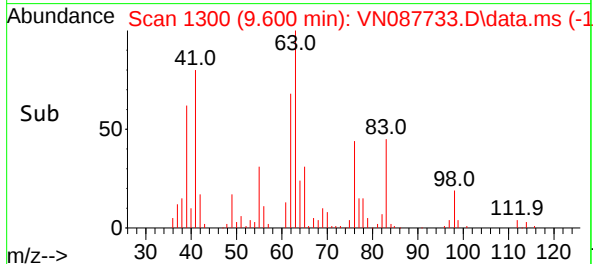
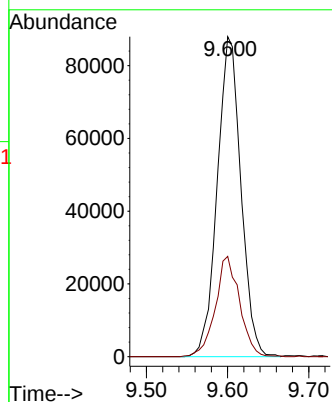
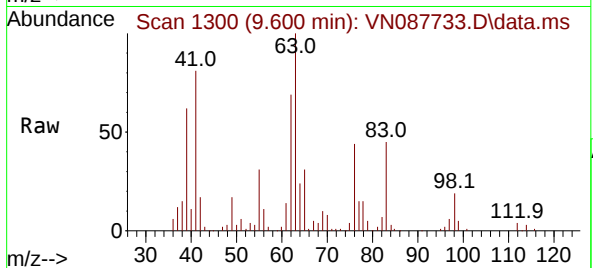
ClientSampleId :

Tgt Ion: 63 Resp: 178097

Ion Ratio Lower Upper

63 100

65 31.4 25.0 37.4



#46

Dibromomethane

Concen: 47.805 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

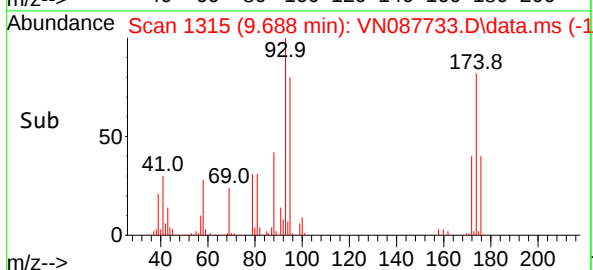
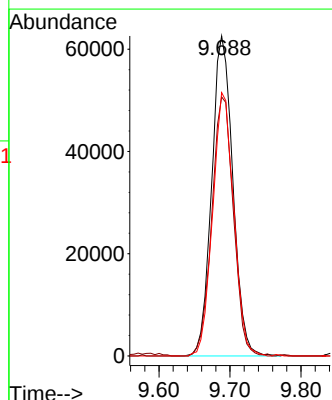
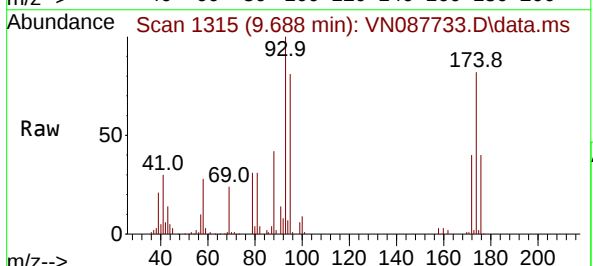
Tgt Ion: 93 Resp: 129274

Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

174 82.1 63.4 95.2

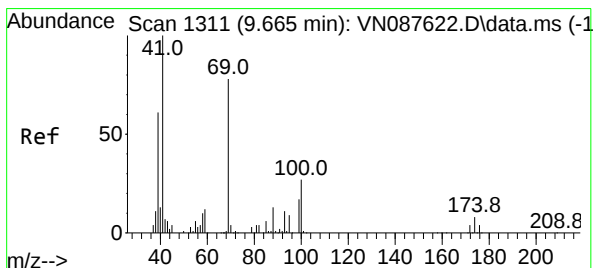
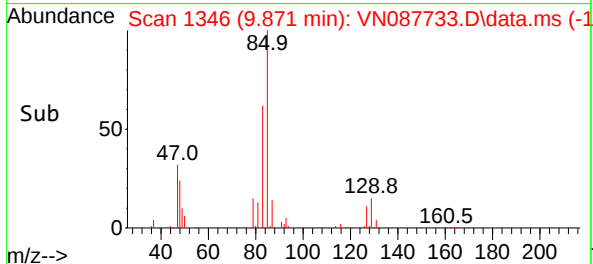
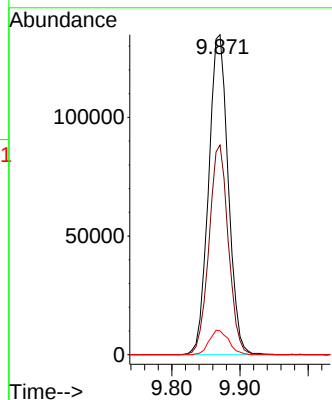
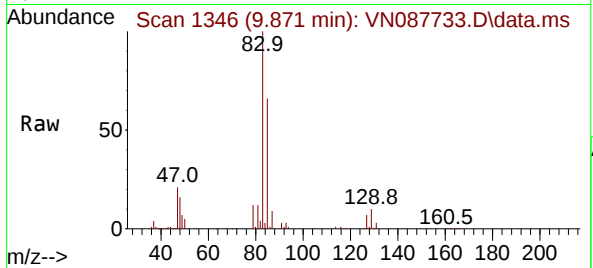




#47
Bromodichloromethane
Concen: 48.701 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

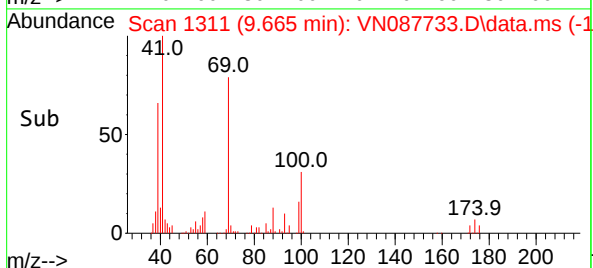
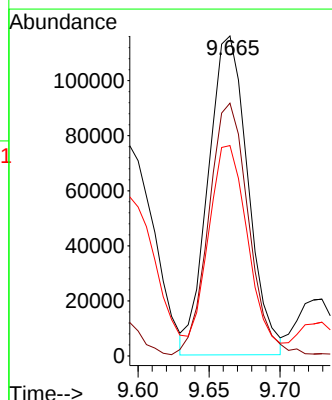
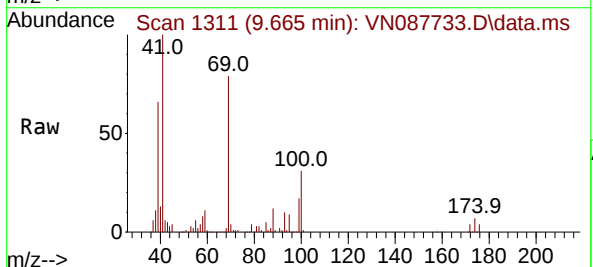
Instrument :
MSVOA_N
ClientSampleId :

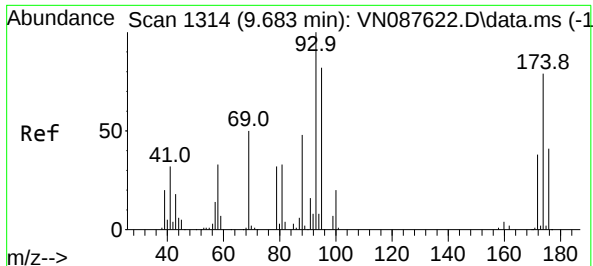
Tgt Ion: 83 Resp: 269910
Ion Ratio Lower Upper
83 100
85 65.5 52.5 78.7
127 7.5 5.8 8.6



#48
Methyl methacrylate
Concen: 47.760 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion: 41 Resp: 226537
Ion Ratio Lower Upper
41 100
69 79.4 62.7 94.1
39 64.9 52.9 79.3





#49

1,4-Dioxane

Concen: 1118.251 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

Instrument :

MSVOA_N

ClientSampleId :

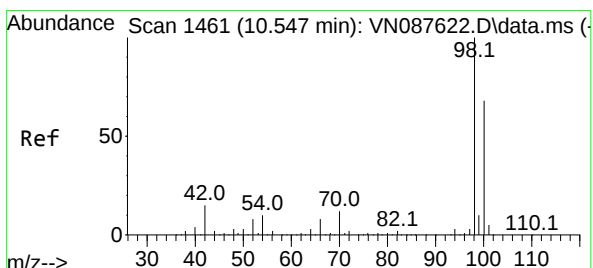
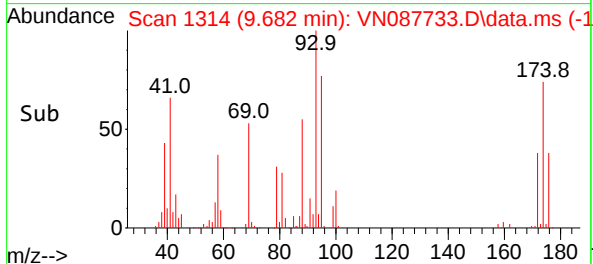
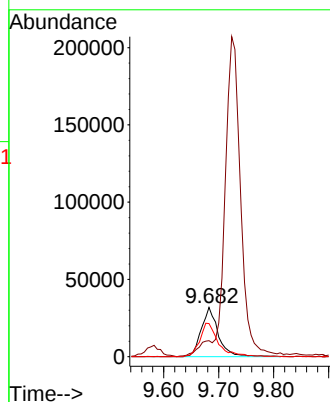
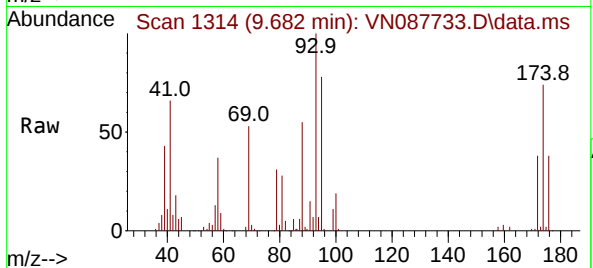
Tgt Ion: 88 Resp: 68749

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 73.6 57.9 86.9



#50

Toluene-d8

Concen: 50.168 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087733.D

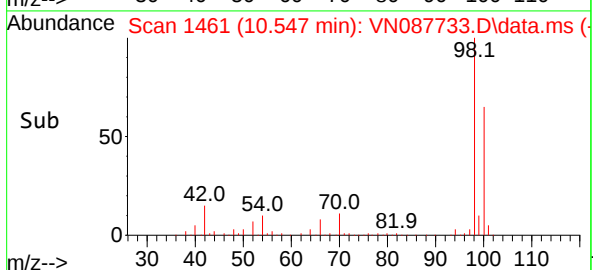
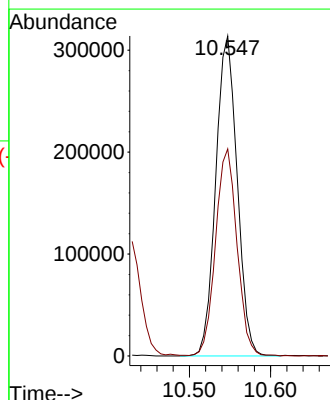
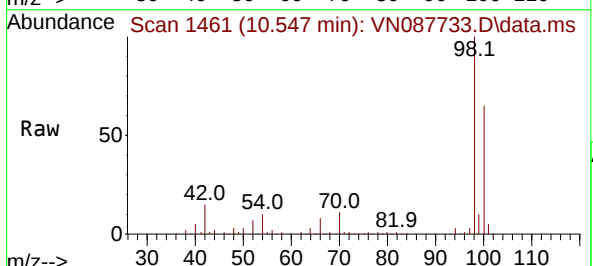
Acq: 05 Sep 2025 11:12

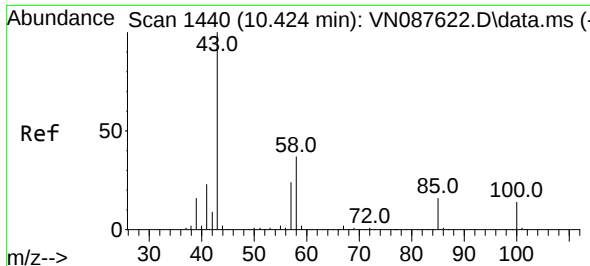
Tgt Ion: 98 Resp: 575297

Ion Ratio Lower Upper

98 100

100 64.9 52.8 79.2

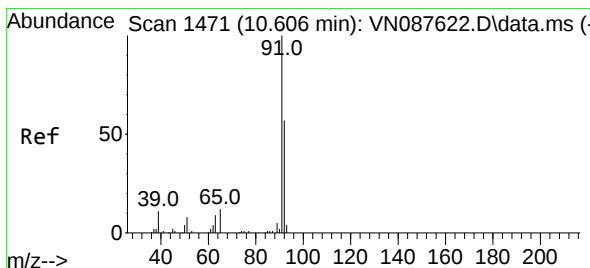
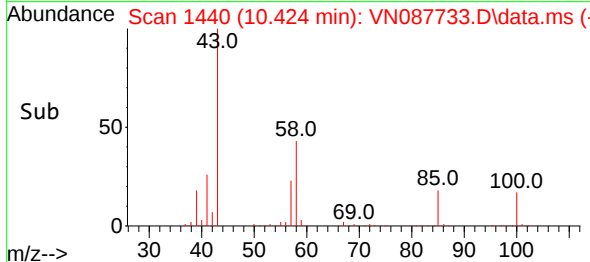
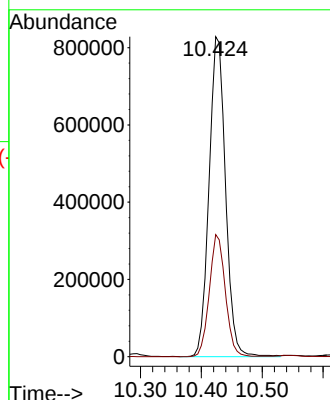
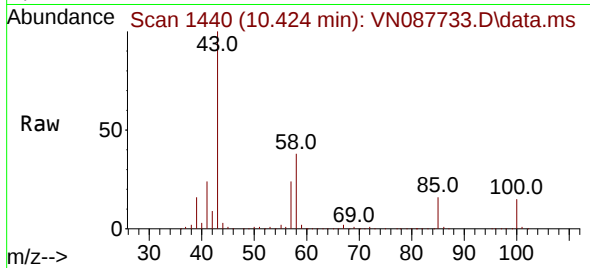




#51
4-Methyl-2-Pentanone
Concen: 257.451 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

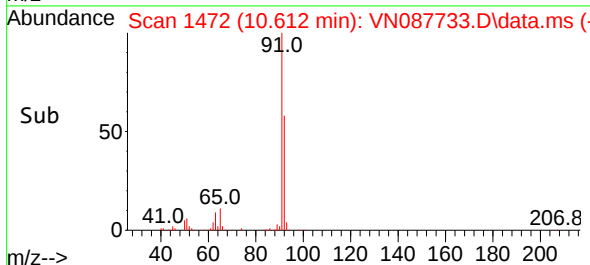
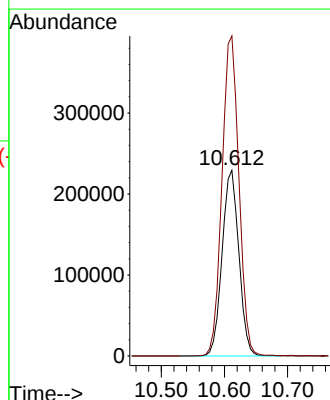
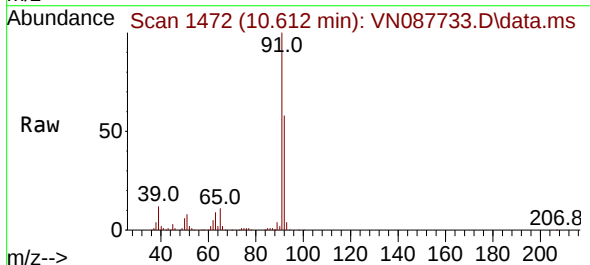
Instrument :
MSVOA_N
ClientSampleId :

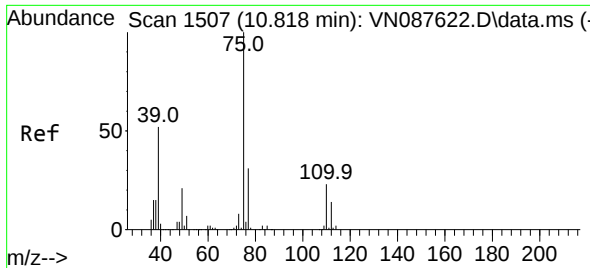
Tgt Ion: 43 Resp: 1557645
Ion Ratio Lower Upper
43 100
58 37.1 29.6 44.4



#52
Toluene
Concen: 47.145 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion: 92 Resp: 421358
Ion Ratio Lower Upper
92 100
91 174.2 140.4 210.6

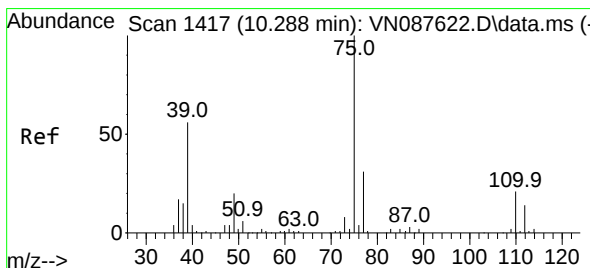
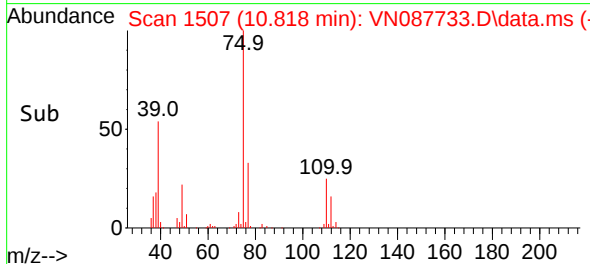
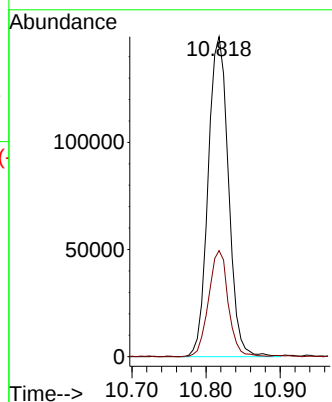
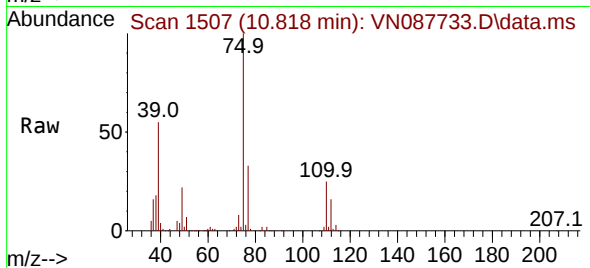




#53
 t-1,3-Dichloropropene
 Concen: 49.572 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087733.D
 Acq: 05 Sep 2025 11:12

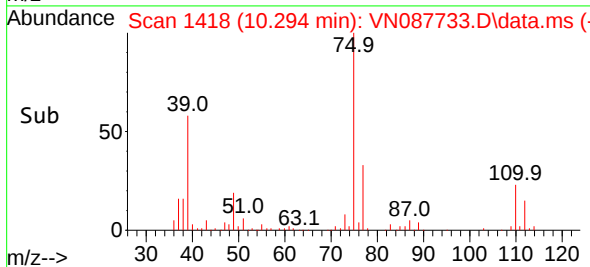
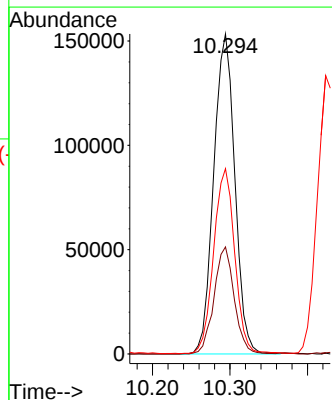
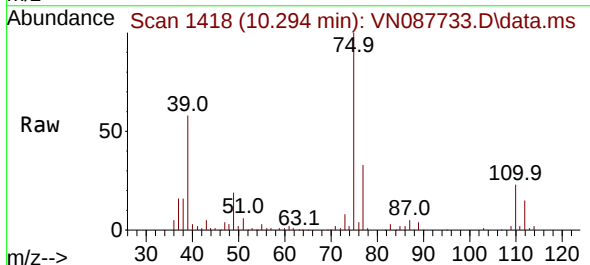
Instrument :
 MSVOA_N
 ClientSampleId :

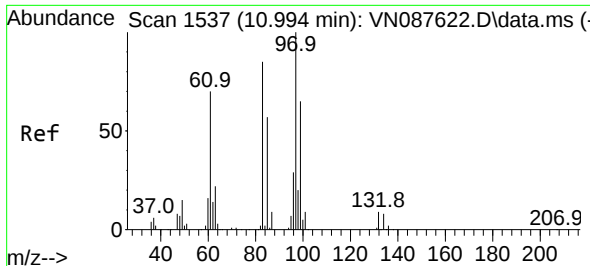
Tgt Ion: 75 Resp: 284379
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.844 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087733.D
 Acq: 05 Sep 2025 11:12

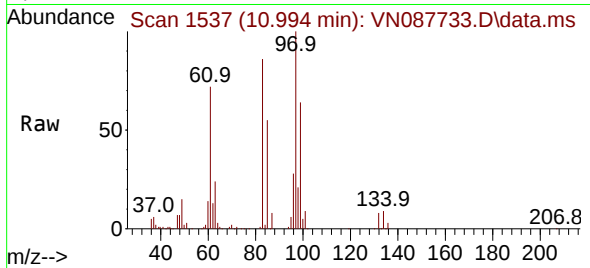
Tgt Ion: 75 Resp: 290940
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.6 37.0
 39 57.8 45.2 67.8



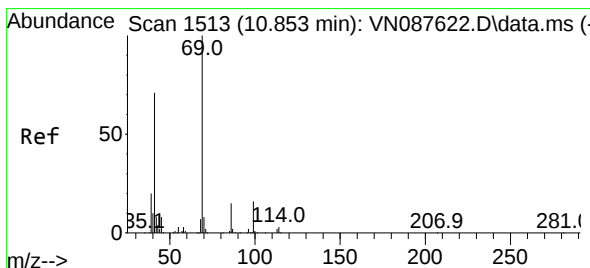
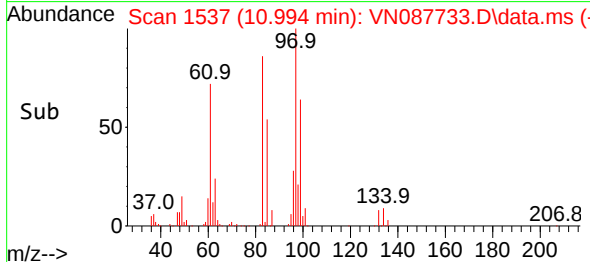
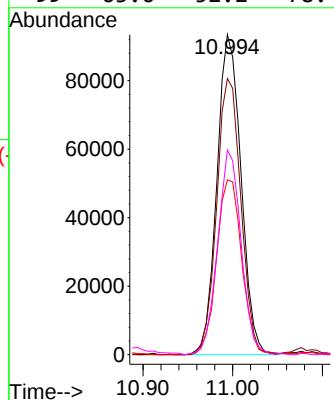


#55
 1,1,2-Trichloroethane
 Concen: 50.383 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087733.D
 Acq: 05 Sep 2025 11:12

Instrument :
 MSVOA_N
 ClientSampleId :

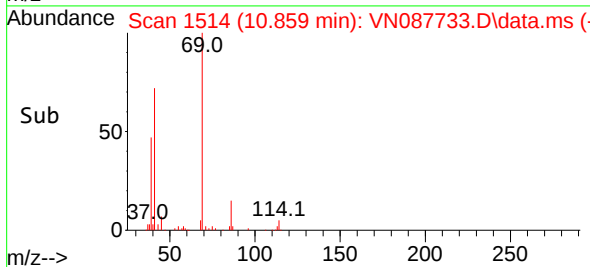
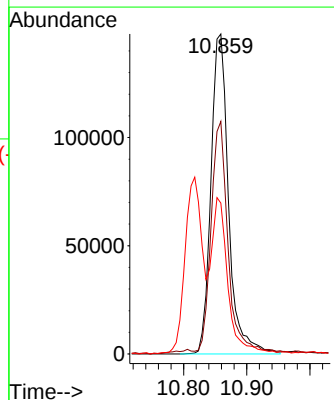
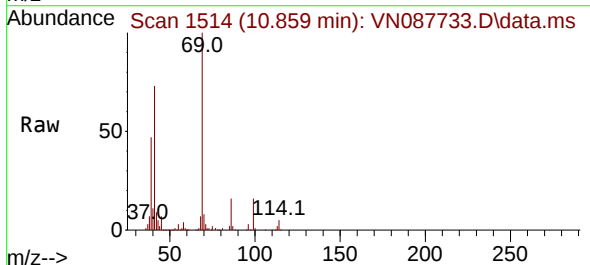


Tgt Ion:	97	Resp:	174196
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.2	102.4
85	54.4	45.5	68.3
99	63.6	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 51.876 ug/l
 RT: 10.859 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN087733.D
 Acq: 05 Sep 2025 11:12

Tgt Ion:	69	Resp:	286639
Ion	Ratio	Lower	Upper
69	100		
41	69.6	56.5	84.7
39	45.5	34.2	51.4





#57

1,3-Dichloropropane

Concen: 48.796 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

Instrument :

MSVOA_N

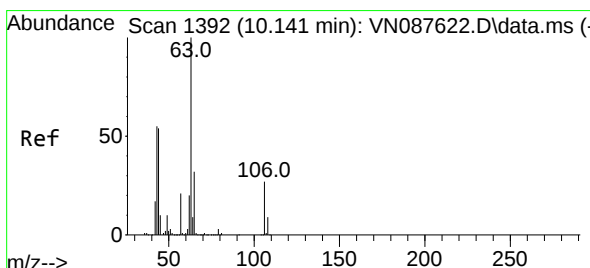
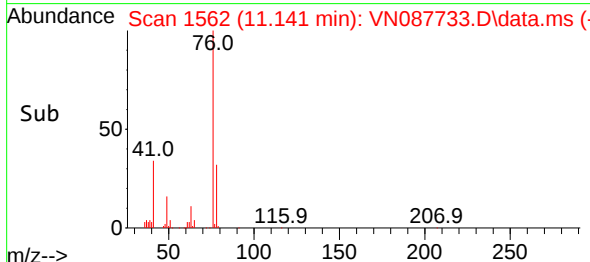
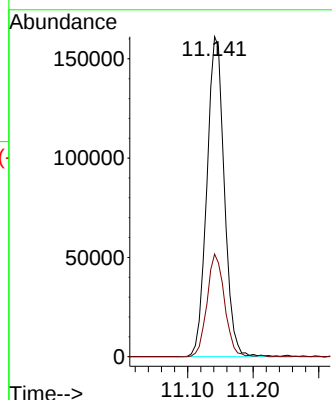
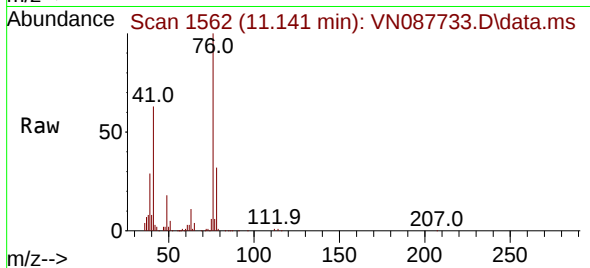
ClientSampleId :

Tgt Ion: 76 Resp: 298581

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 246.906 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087733.D

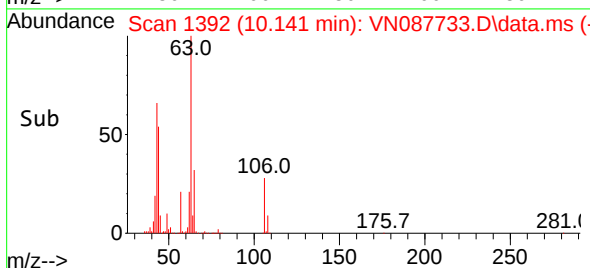
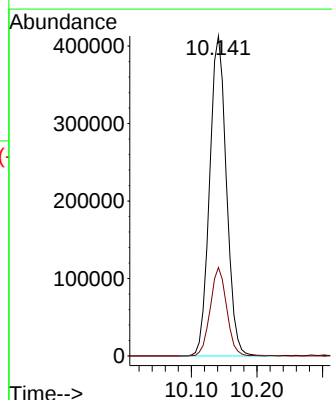
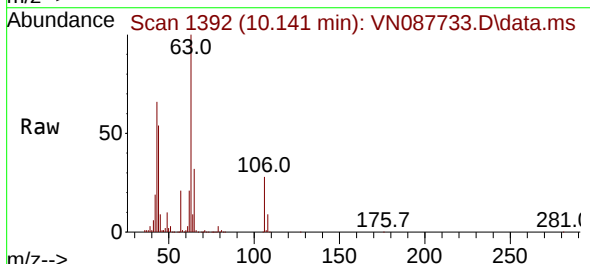
Acq: 05 Sep 2025 11:12

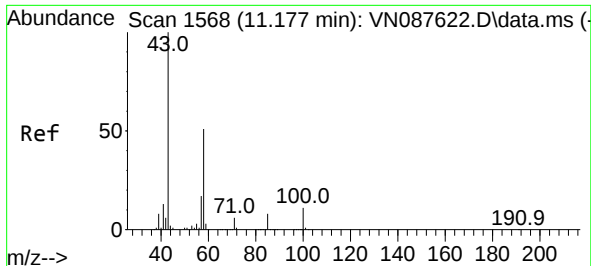
Tgt Ion: 63 Resp: 738409

Ion Ratio Lower Upper

63 100

106 26.9 21.1 31.7

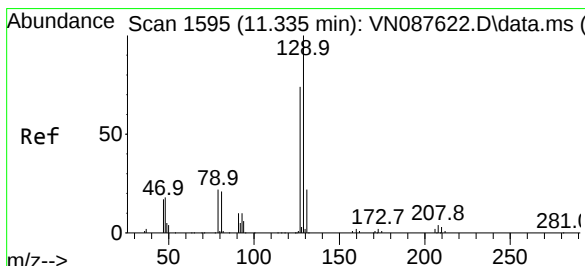
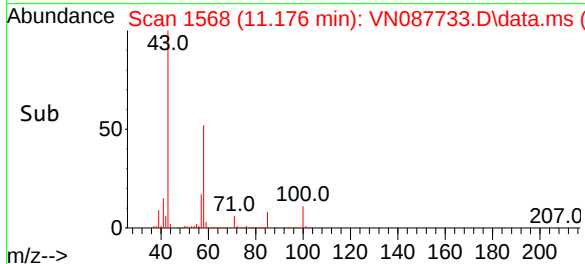
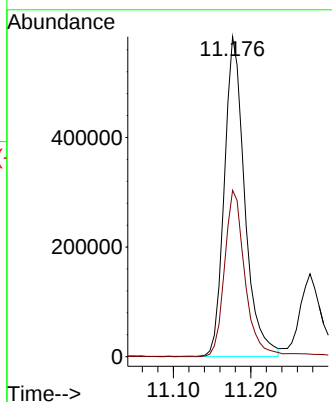
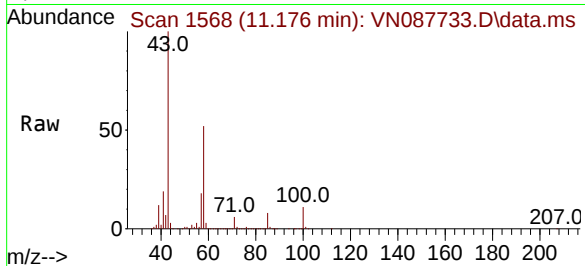




#59
2-Hexanone
Concen: 279.141 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

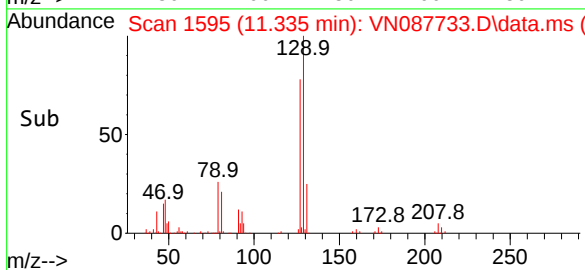
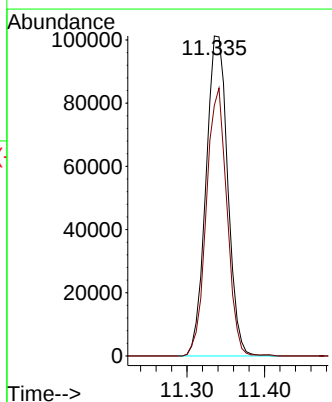
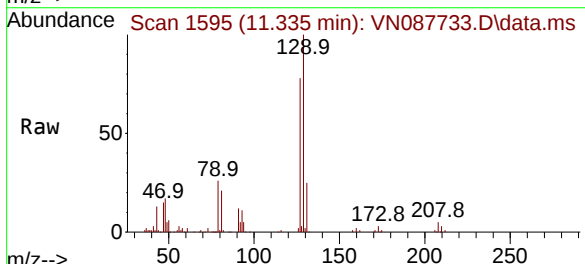
Instrument :
MSVOA_N
ClientSampleId :

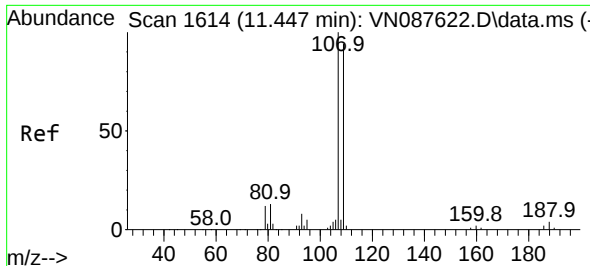
Tgt Ion: 43 Resp: 1067366
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.8



#60
Dibromochloromethane
Concen: 49.141 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion:129 Resp: 196866
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.3

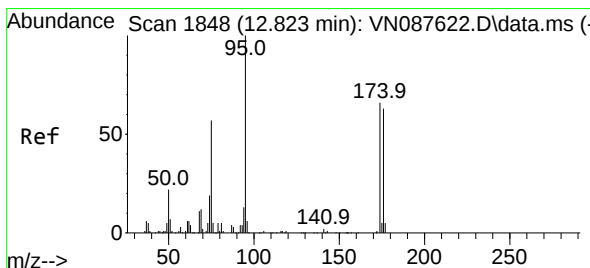
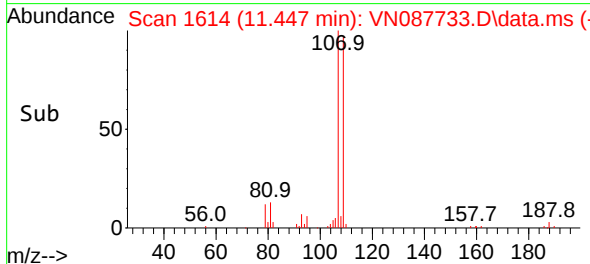
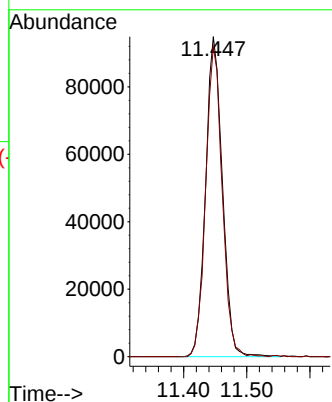
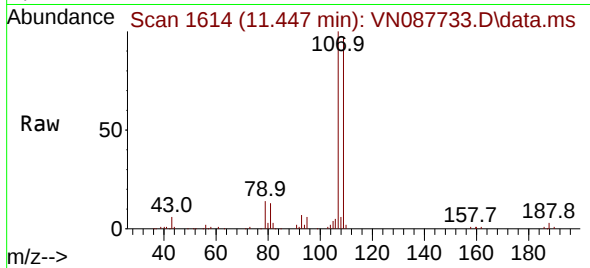




#61
1,2-Dibromoethane
Concen: 48.103 ug/l
RT: 11.447 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

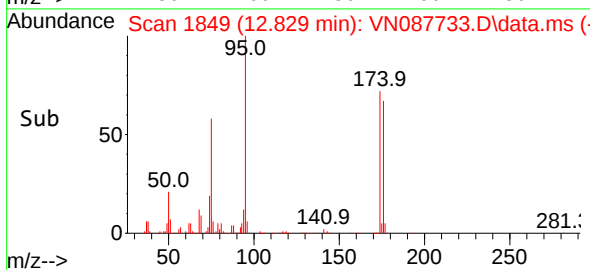
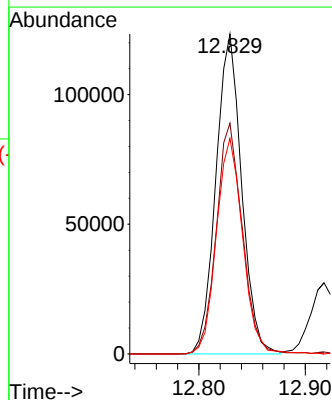
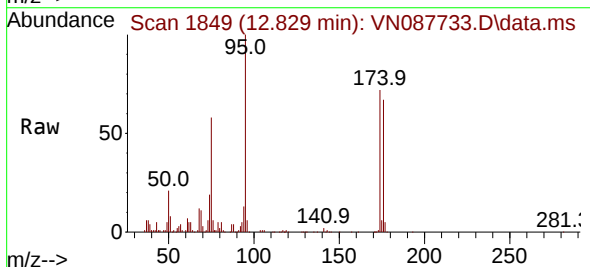
Instrument :
MSVOA_N
ClientSampleId :

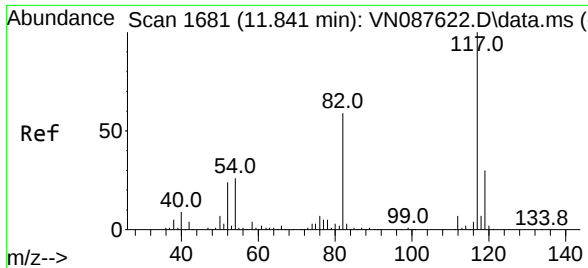
Tgt Ion:107 Resp: 175367
Ion Ratio Lower Upper
107 100
109 95.3 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 50.670 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion: 95 Resp: 206642
Ion Ratio Lower Upper
95 100
174 73.1 0.0 138.4
176 68.9 0.0 132.6

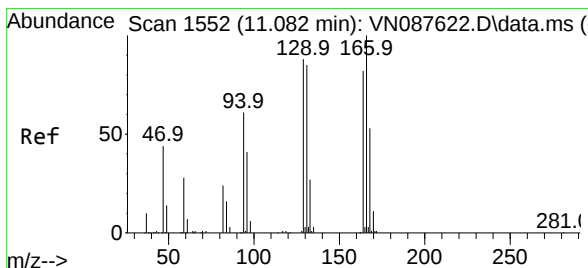
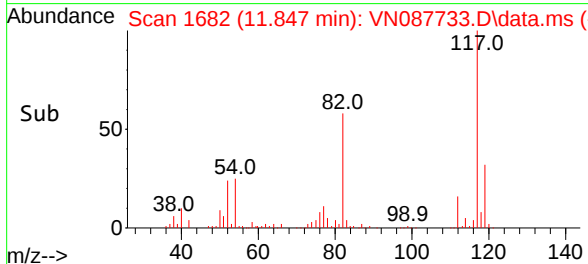
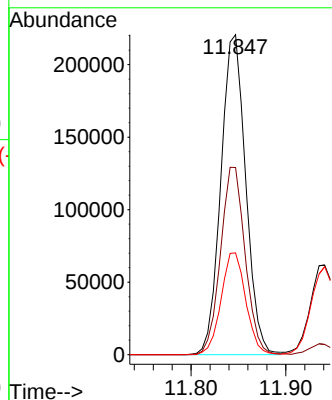
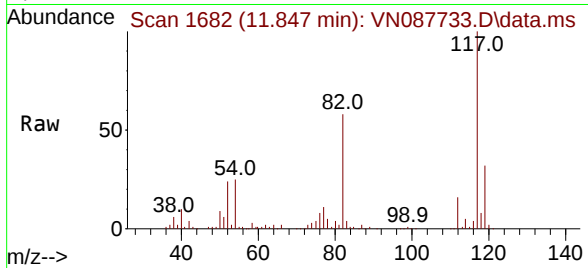




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

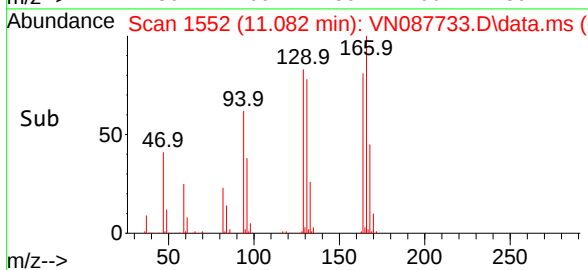
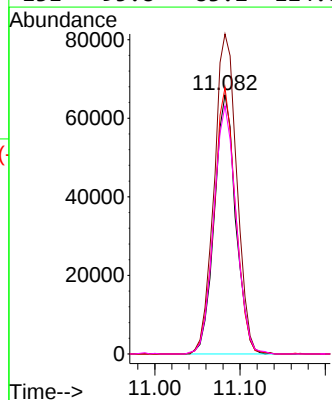
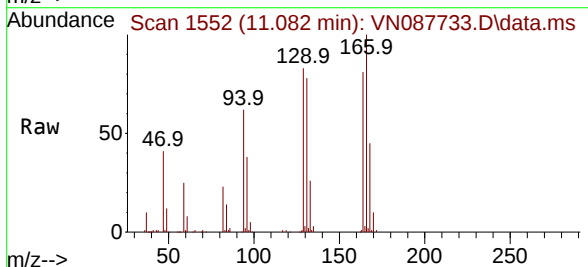
Instrument :
MSVOA_N
ClientSampleId :

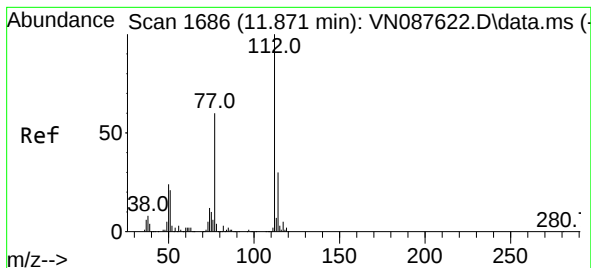
Tgt Ion:117 Resp: 402403
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 31.8 24.3 36.5



#64
Tetrachloroethene
Concen: 40.924 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion:164 Resp: 114253
Ion Ratio Lower Upper
164 100
166 123.5 97.7 146.5
129 102.8 85.9 128.9
131 95.8 83.2 124.8





#65

Chlorobenzene

Concen: 46.014 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

Instrument :

MSVOA_N

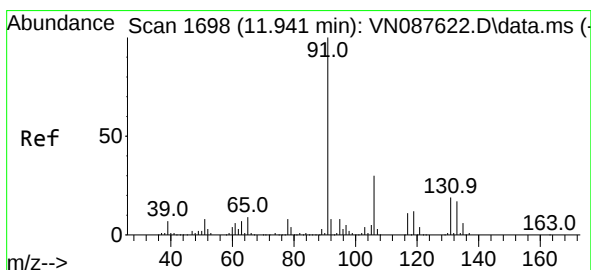
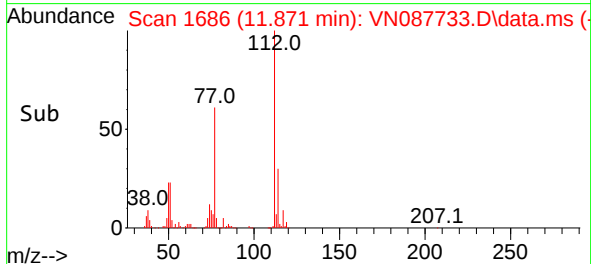
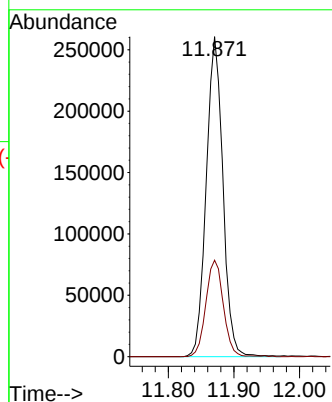
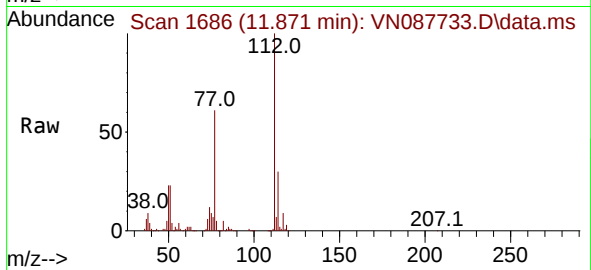
ClientSampleId :

Tgt Ion:112 Resp: 460657

Ion Ratio Lower Upper

112 100

114 30.1 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 48.752 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

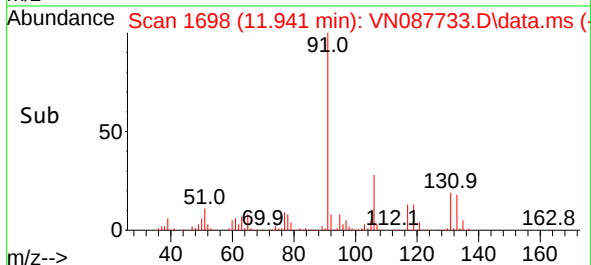
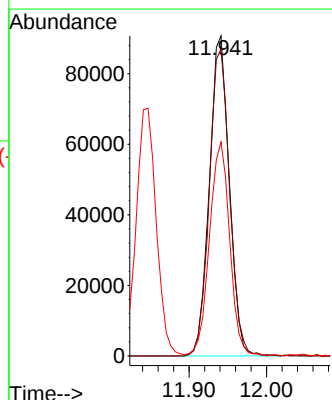
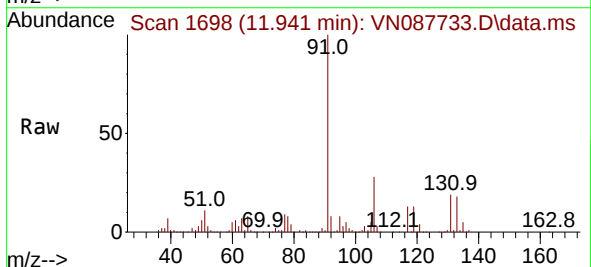
Tgt Ion:131 Resp: 162029

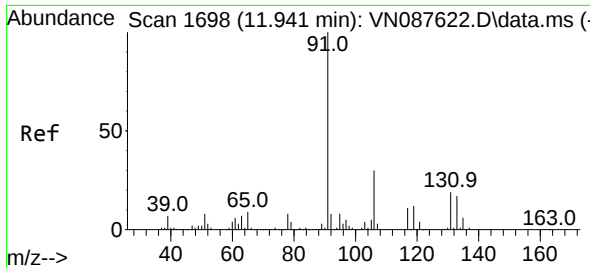
Ion Ratio Lower Upper

131 100

133 98.0 48.0 144.0

119 67.8 32.6 97.7

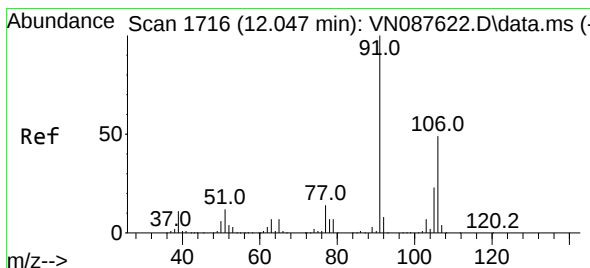
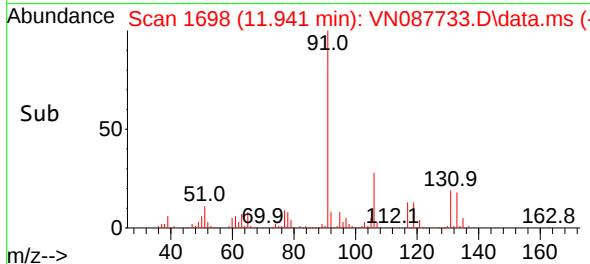
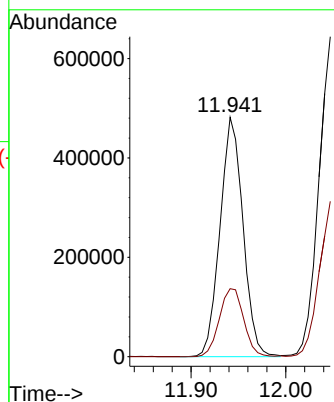
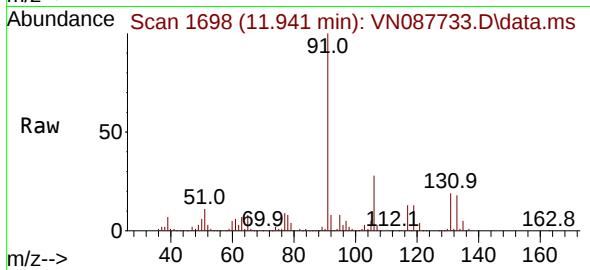




#67
Ethyl Benzene
Concen: 46.942 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

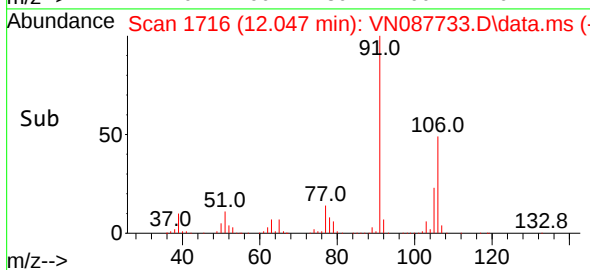
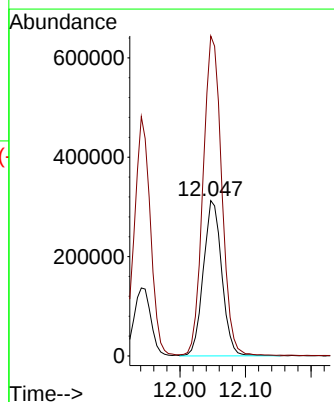
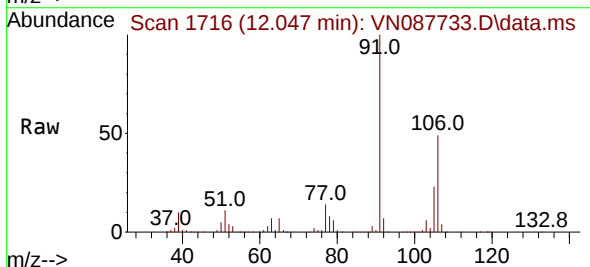
Instrument :
MSVOA_N
ClientSampleId :

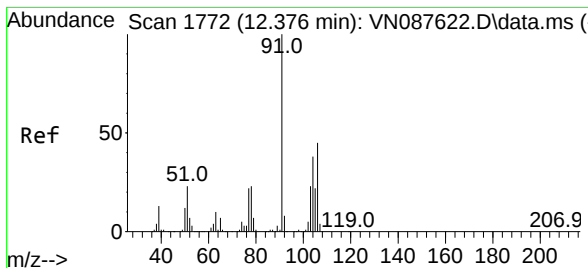
Tgt Ion: 91 Resp: 813676
Ion Ratio Lower Upper
91 100
106 28.4 24.1 36.1



#68
m/p-Xylenes
Concen: 96.024 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion:106 Resp: 610425
Ion Ratio Lower Upper
106 100
91 208.3 169.3 253.9

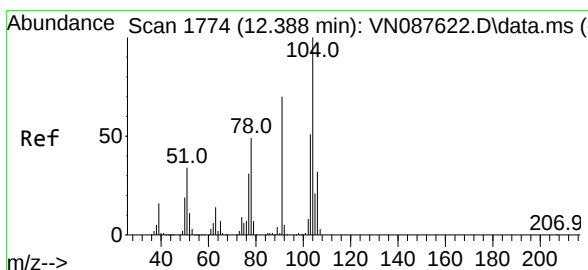
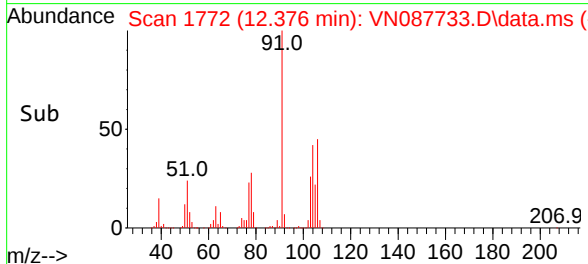
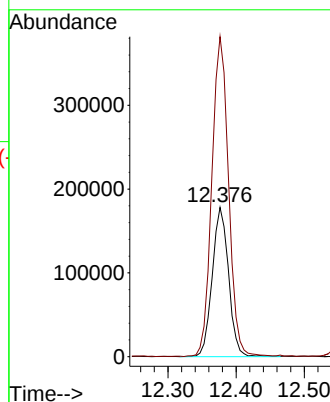
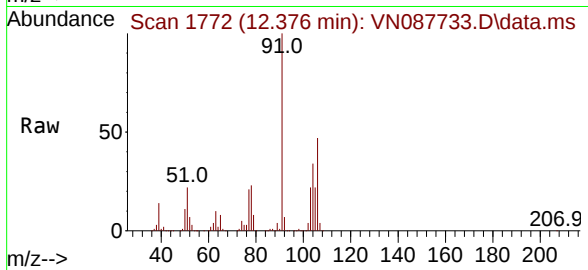




#69
o-Xylene
Concen: 47.742 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

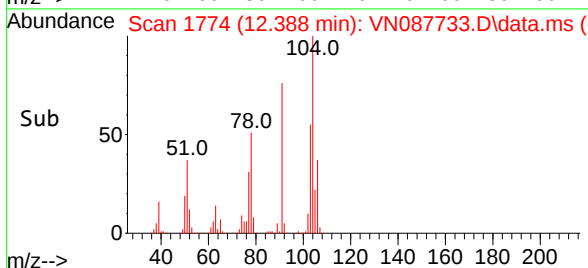
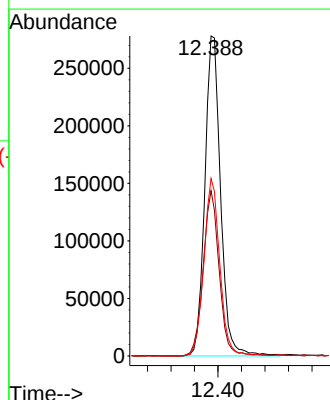
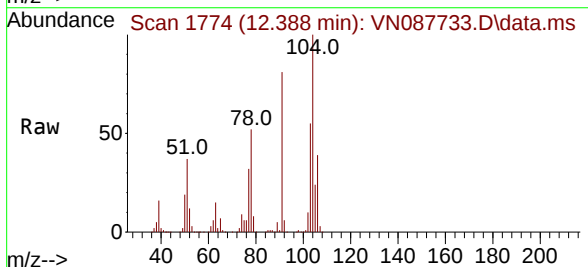
Instrument :
MSVOA_N
ClientSampleId :

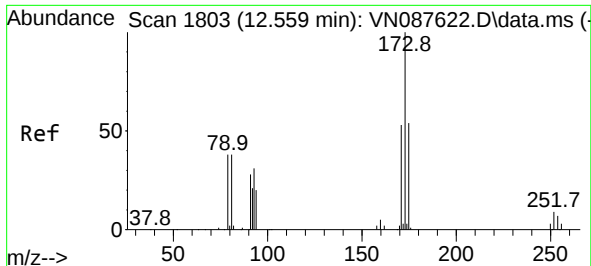
Tgt Ion:106 Resp: 297424
Ion Ratio Lower Upper
106 100
91 219.4 111.4 334.2



#70
Styrene
Concen: 49.646 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion:104 Resp: 518155
Ion Ratio Lower Upper
104 100
78 52.1 42.2 63.2
103 56.0 43.4 65.2

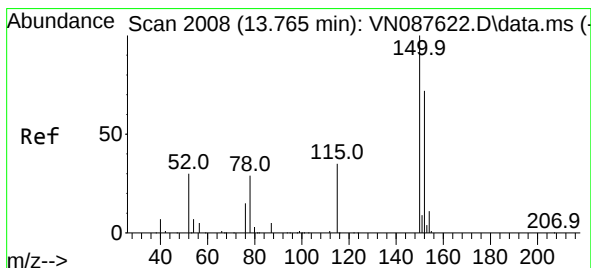
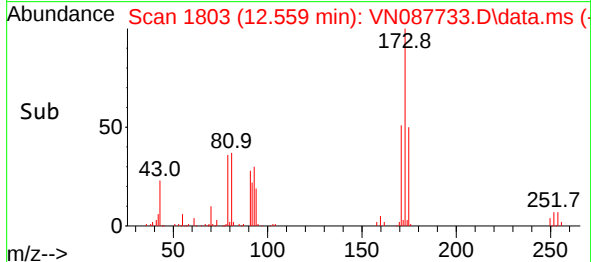
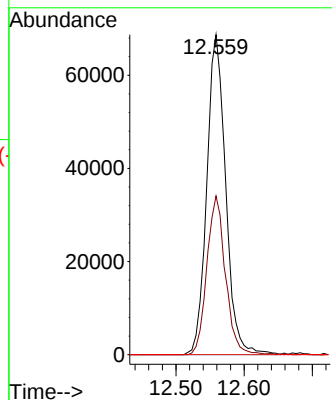
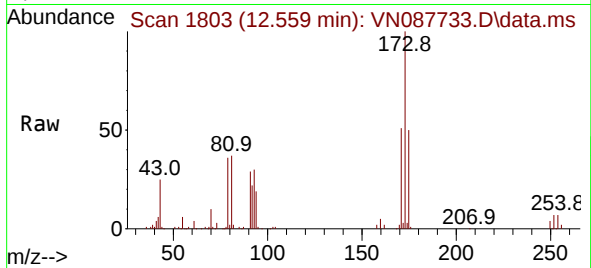




#71
Bromoform
Concen: 52.019 ug/l
RT: 12.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

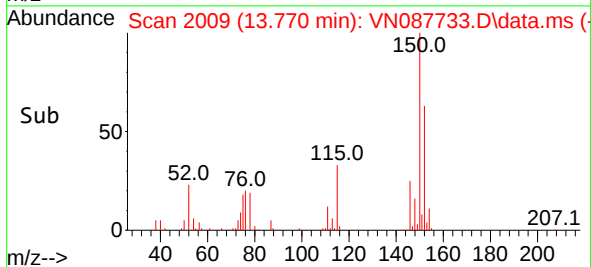
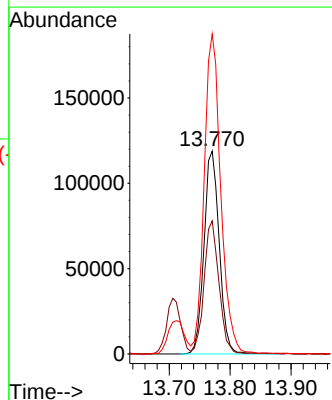
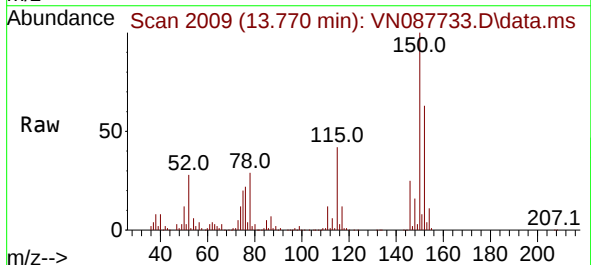
Instrument :
MSVOA_N
ClientSampleId :

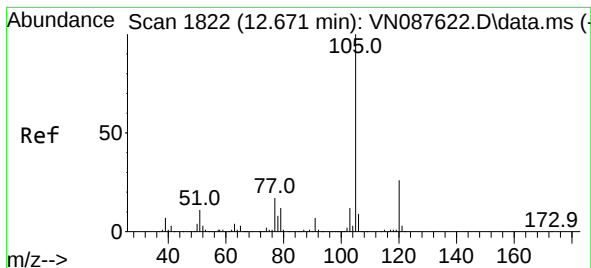
Tgt Ion:173 Resp: 132593
Ion Ratio Lower Upper
173 100
175 48.6 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion:152 Resp: 206857
Ion Ratio Lower Upper
152 100
115 63.3 32.3 96.8
150 170.3 0.0 351.0





#73

Isopropylbenzene

Concen: 45.415 ug/l

RT: 12.676 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

Instrument :

MSVOA_N

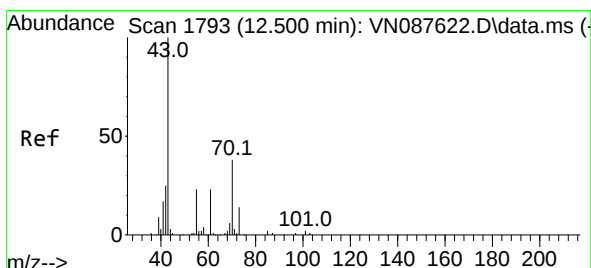
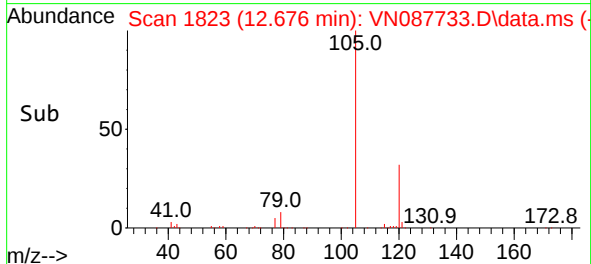
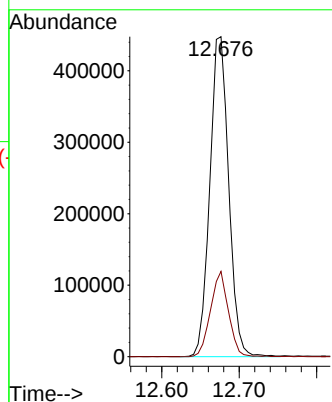
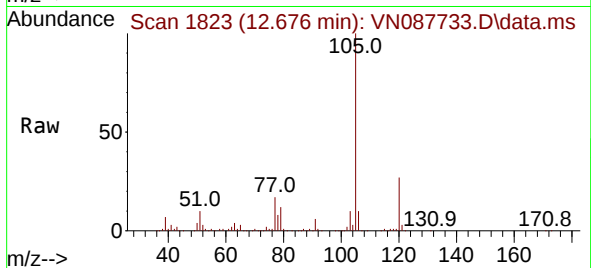
ClientSampleId :

Tgt Ion:105 Resp: 759122

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.3



#74

N-ethyl acetate

Concen: 33.718 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

Tgt Ion: 43 Resp: 213588

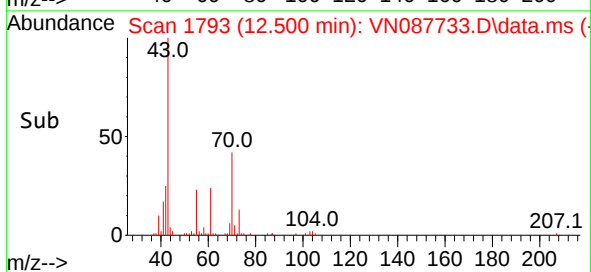
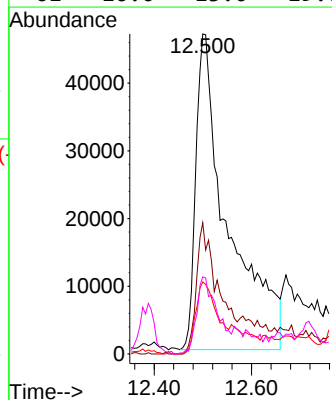
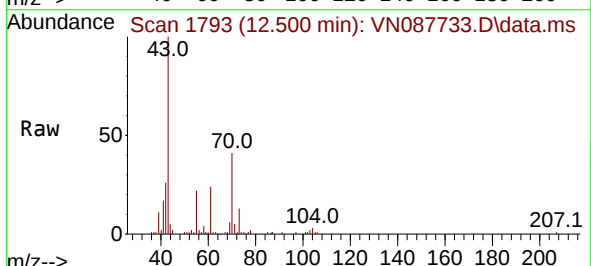
Ion Ratio Lower Upper

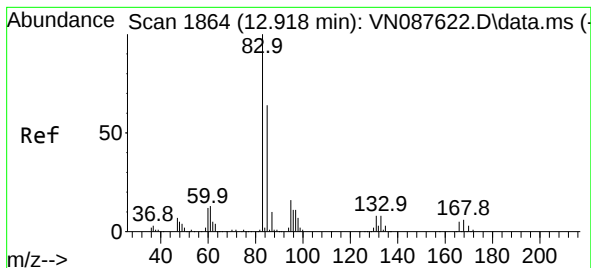
43 100

70 28.6 27.6 41.4

55 15.4 13.0 19.6

61 16.0 13.0 19.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.359 ug/l

RT: 12.917 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

Instrument :

MSVOA_N

ClientSampleId :

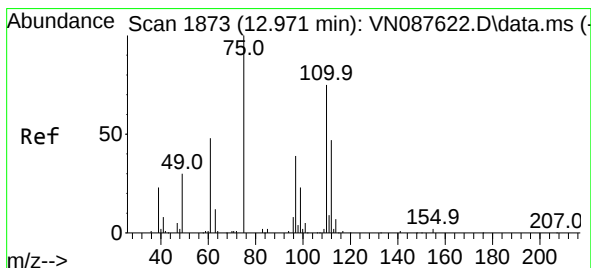
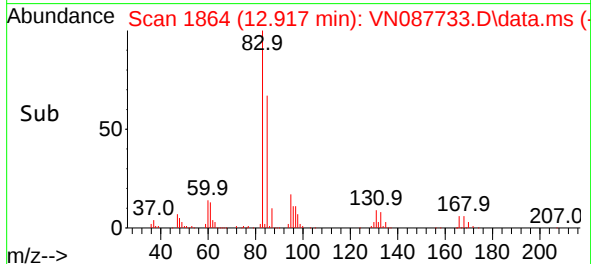
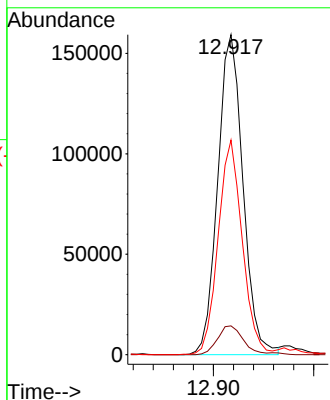
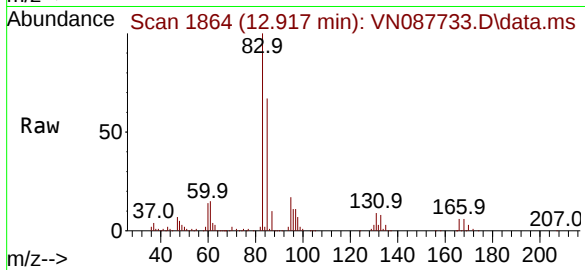
Tgt Ion: 83 Resp: 278299

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.4

85 64.0 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 75.518 ug/l

RT: 12.970 min Scan# 1873

Delta R.T. -0.000 min

Lab File: VN087733.D

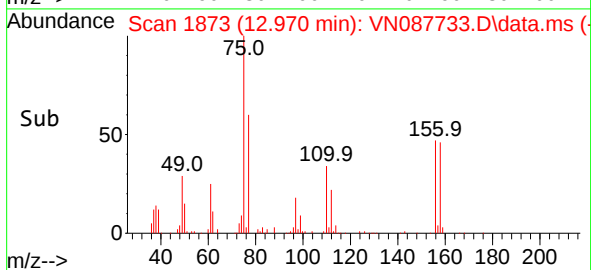
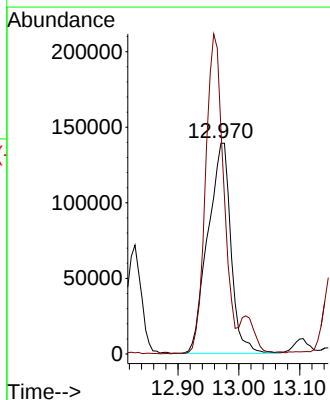
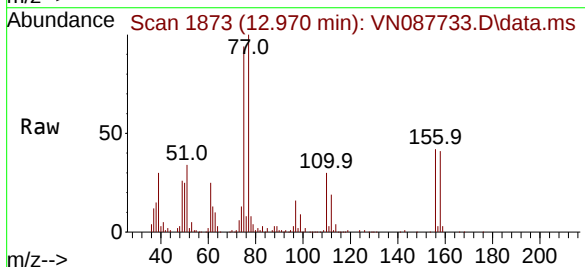
Acq: 05 Sep 2025 11:12

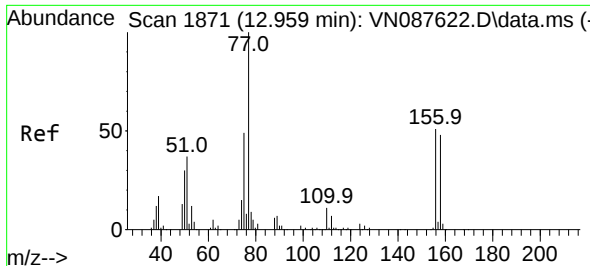
Tgt Ion: 75 Resp: 366331

Ion Ratio Lower Upper

75 100

77 120.0 89.1 267.4

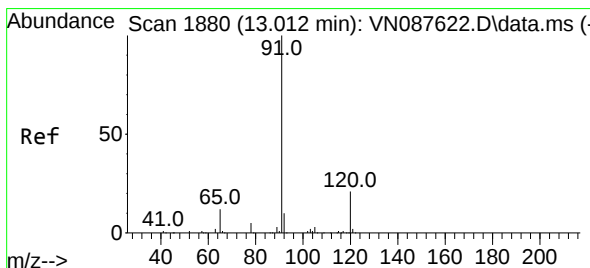
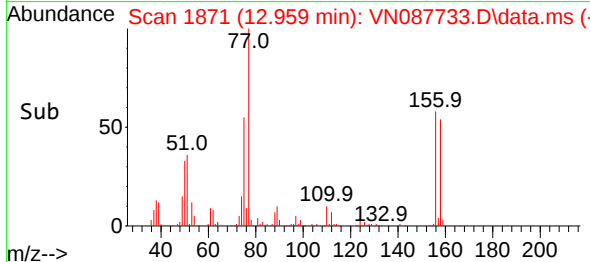
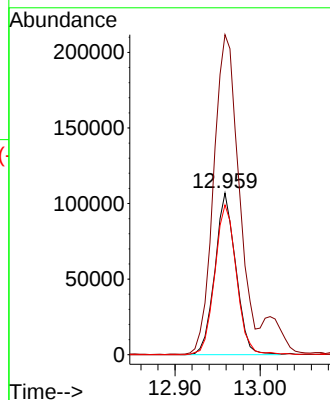
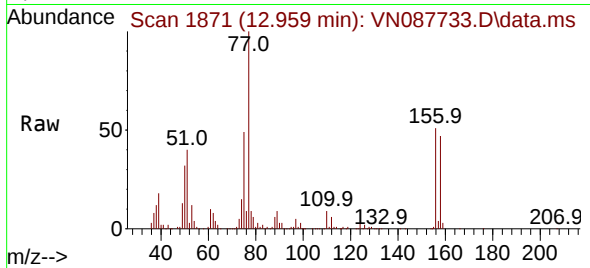




#77
Bromobenzene
Concen: 46.192 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

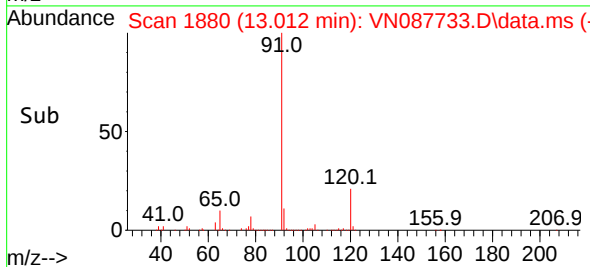
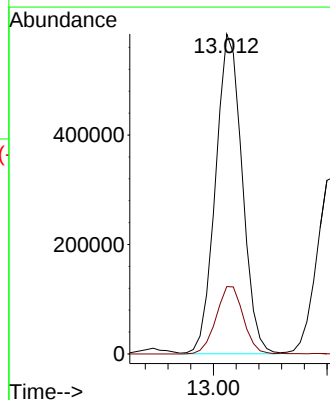
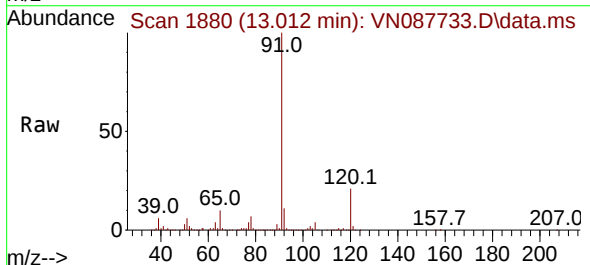
Instrument :
MSVOA_N
ClientSampleId :

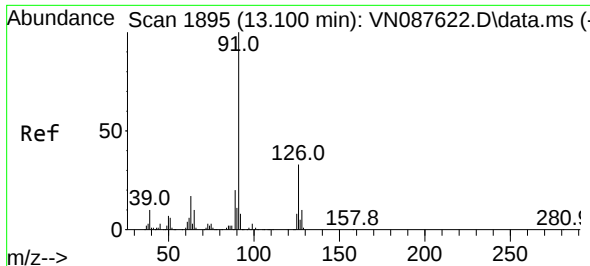
Tgt Ion:156 Resp: 182052
Ion Ratio Lower Upper
156 100
77 241.5 119.3 358.0
158 96.4 48.2 144.6



#78
n-propylbenzene
Concen: 46.279 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion: 91 Resp: 952850
Ion Ratio Lower Upper
91 100
120 21.6 10.7 32.1

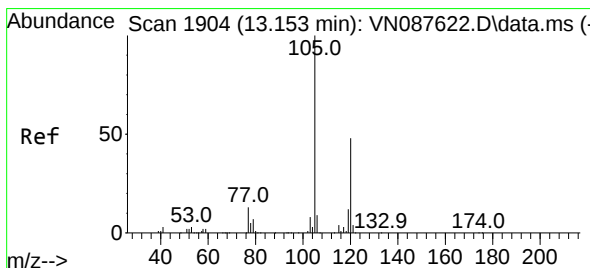
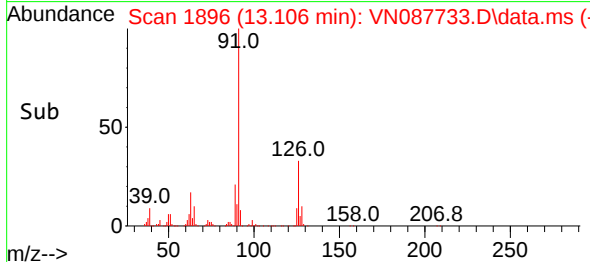
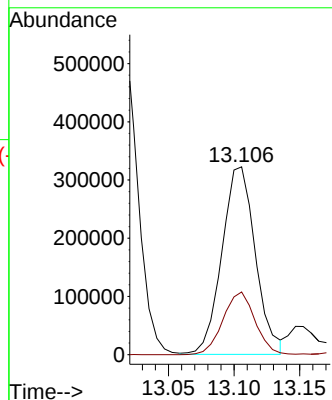
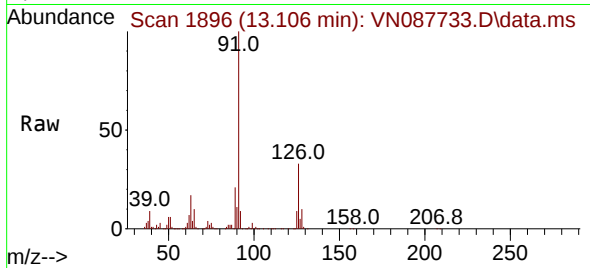




#79
2-Chlorotoluene
Concen: 46.237 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

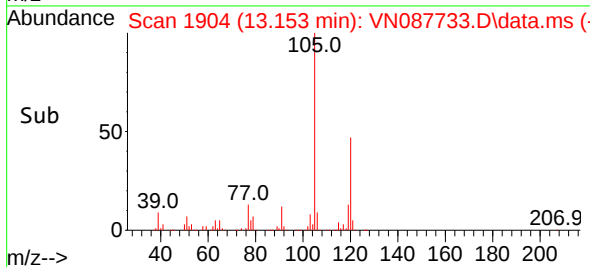
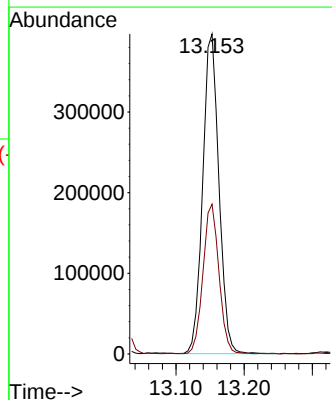
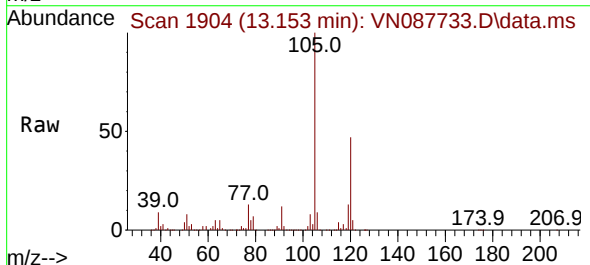
Instrument :
MSVOA_N
ClientSampleId :

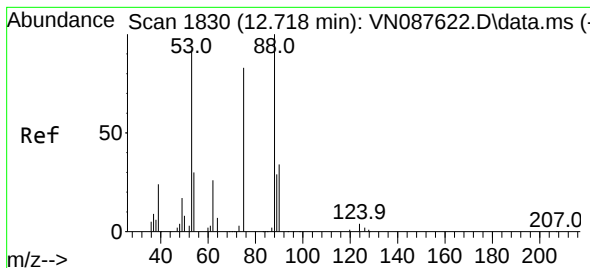
Tgt Ion: 91 Resp: 572886
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 46.093 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion: 105 Resp: 653605
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.6

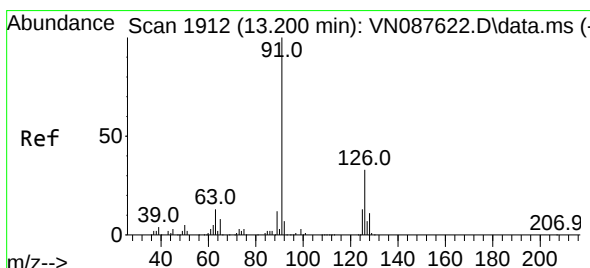
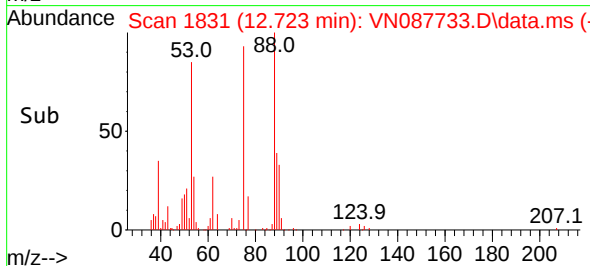
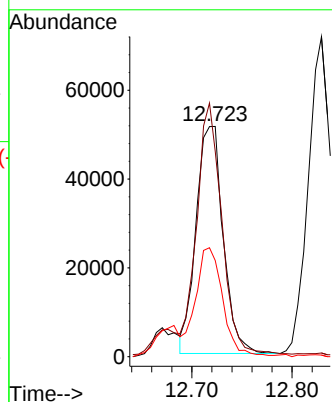
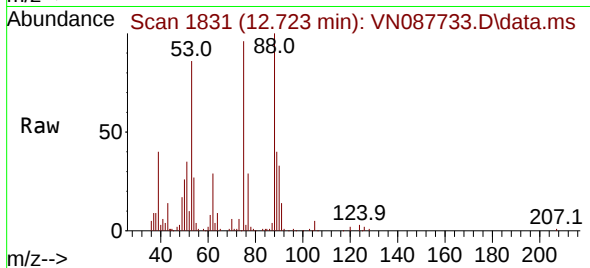




#81
trans-1,4-Dichloro-2-butene
Concen: 52.628 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

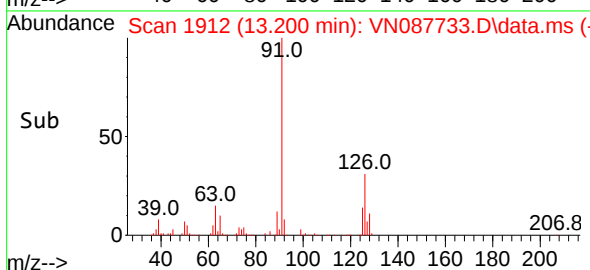
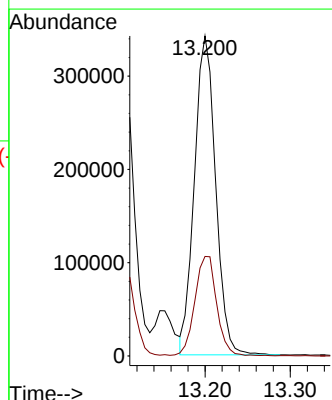
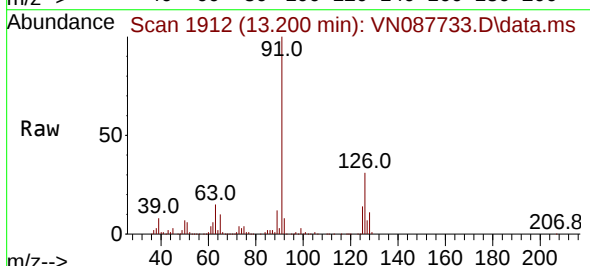
Instrument :
MSVOA_N
ClientSampleId :

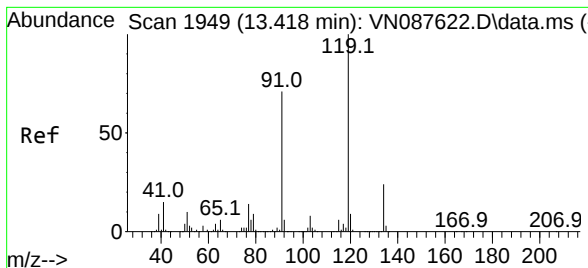
Tgt Ion: 75 Resp: 96432
Ion Ratio Lower Upper
75 100
53 117.1 101.8 152.6
89 47.0 35.6 53.4



#82
4-Chlorotoluene
Concen: 45.424 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087733.D
Acq: 05 Sep 2025 11:12

Tgt Ion: 91 Resp: 591740
Ion Ratio Lower Upper
91 100
126 32.1 15.6 46.8

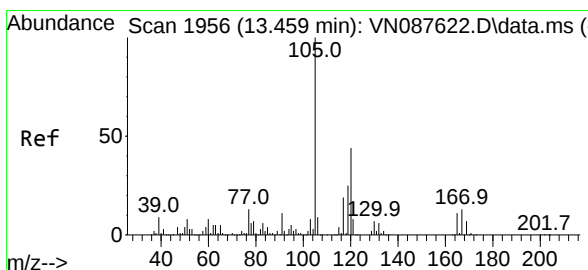
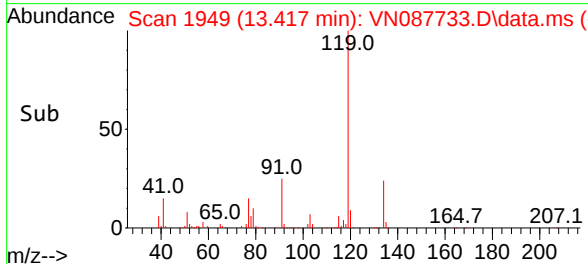
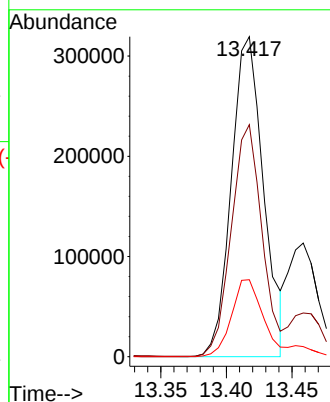
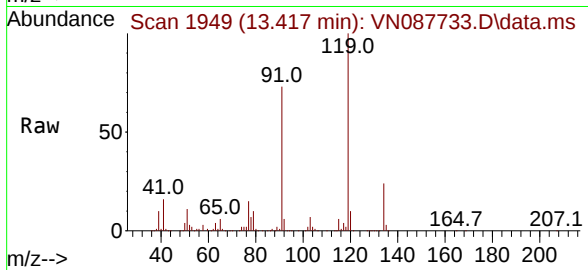




#83
 tert-Butylbenzene
 Concen: 46.218 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087733.D
 Acq: 05 Sep 2025 11:12

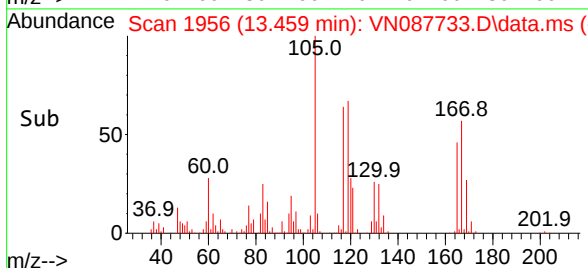
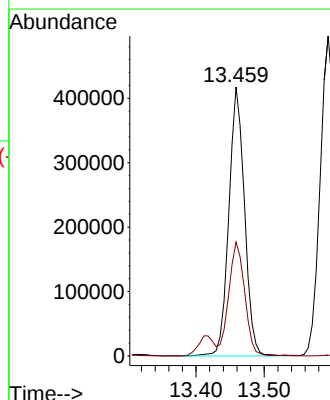
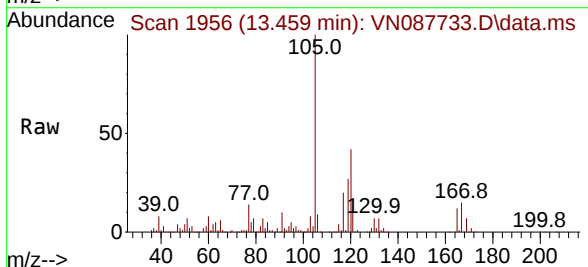
Instrument :
 MSVOA_N
 ClientSampleId :

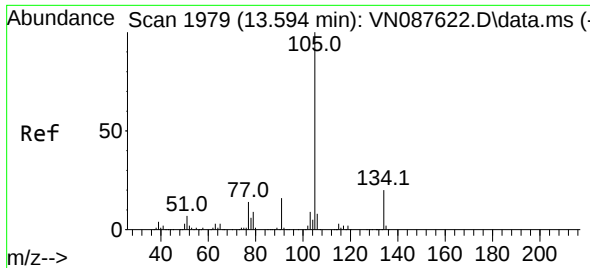
Tgt Ion:119 Resp: 546133
 Ion Ratio Lower Upper
 119 100
 91 68.8 35.0 105.0
 134 23.8 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 47.058 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087733.D
 Acq: 05 Sep 2025 11:12

Tgt Ion:105 Resp: 667988
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.0 66.0

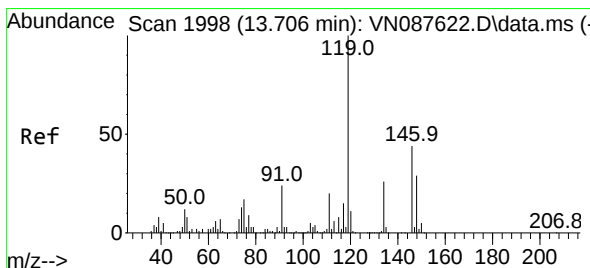
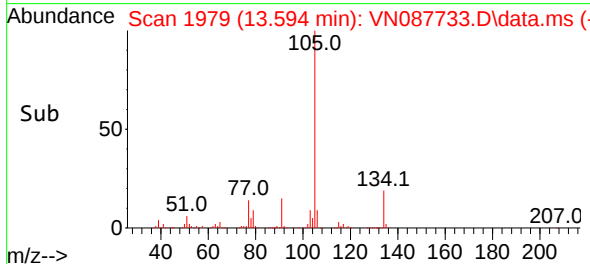
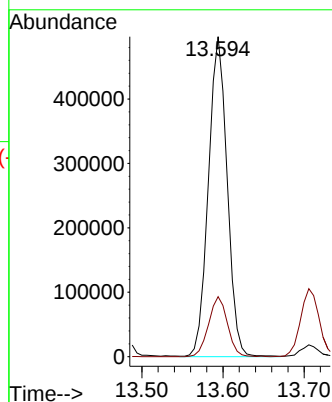
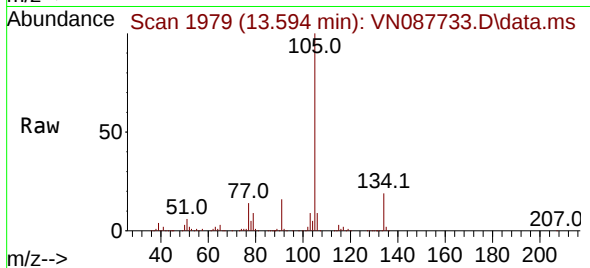




#85
 sec-Butylbenzene
 Concen: 45.431 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087733.D
 Acq: 05 Sep 2025 11:12

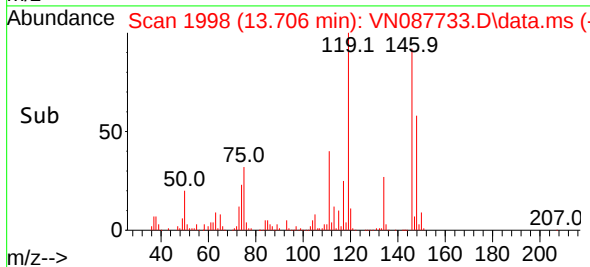
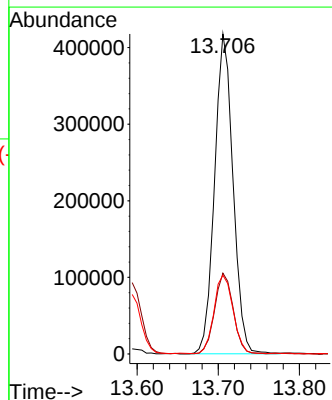
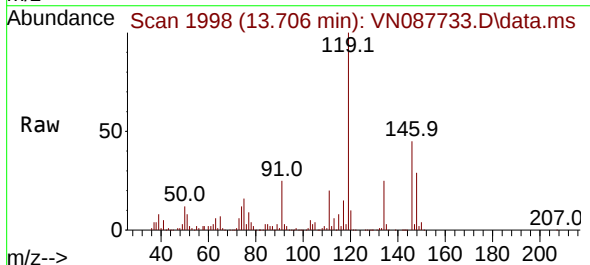
Instrument :
 MSVOA_N
 ClientSampleId :

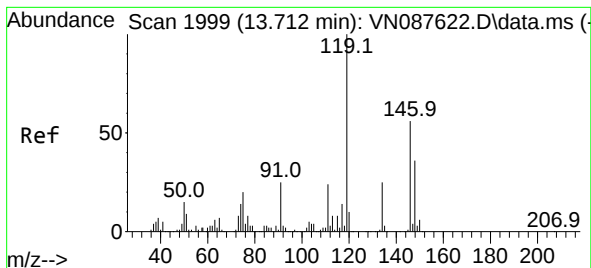
Tgt Ion:105 Resp: 796647
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 45.491 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087733.D
 Acq: 05 Sep 2025 11:12

Tgt Ion:119 Resp: 658708
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.0
 91 25.3 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 46.973 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

Instrument :

MSVOA_N

ClientSampleId :

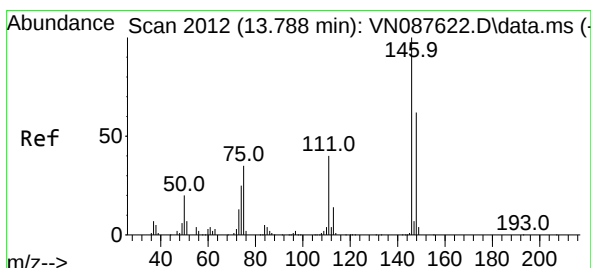
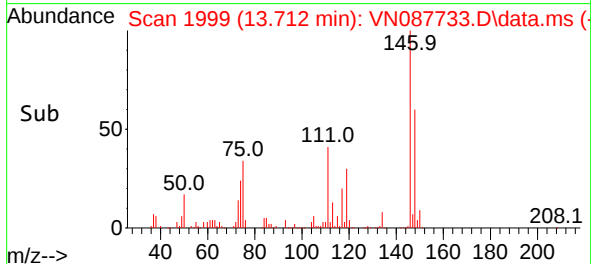
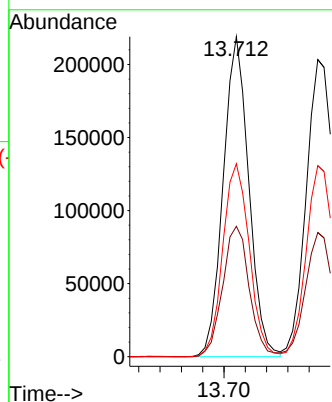
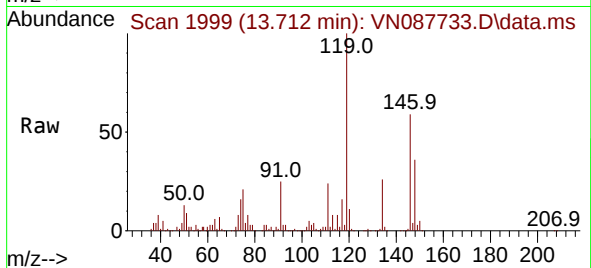
Tgt Ion:146 Resp: 364577

Ion Ratio Lower Upper

146 100

111 42.5 22.1 66.5

148 62.6 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 44.879 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

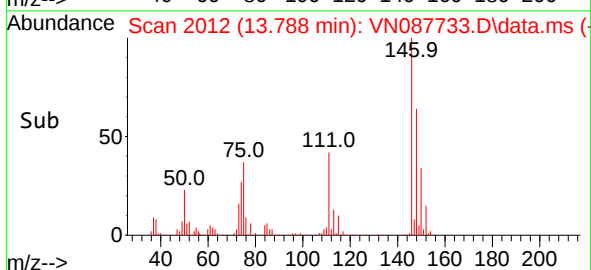
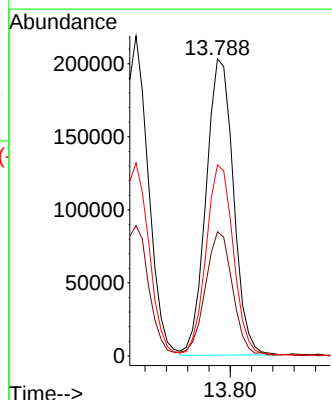
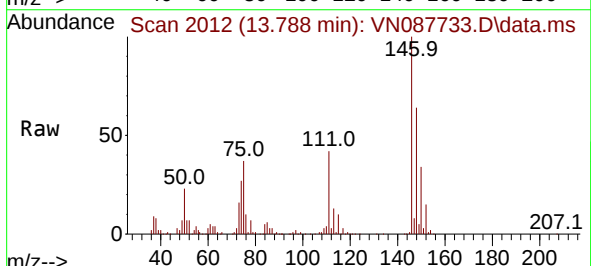
Tgt Ion:146 Resp: 362485

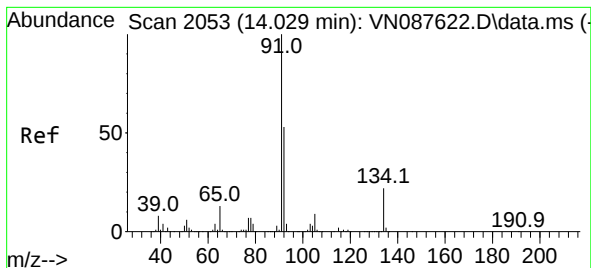
Ion Ratio Lower Upper

146 100

111 41.3 21.0 63.0

148 65.4 32.0 96.0





#89

n-Butylbenzene

Concen: 45.297 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

Instrument :

MSVOA_N

ClientSampleId :

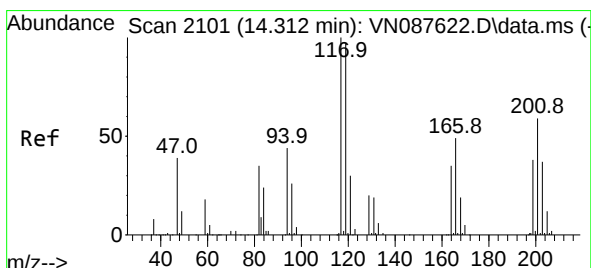
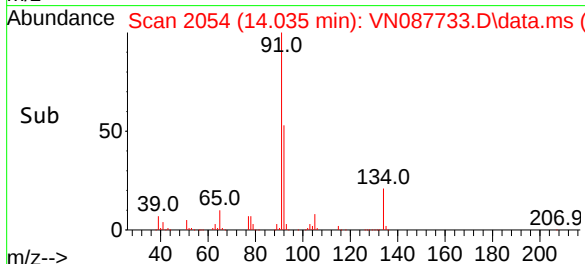
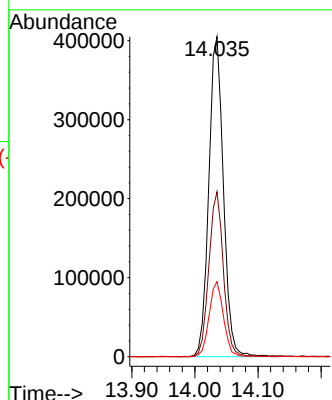
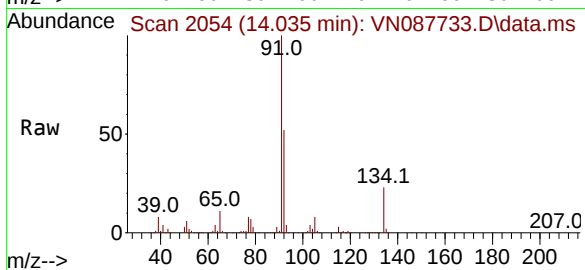
Tgt Ion: 91 Resp: 651412

Ion Ratio Lower Upper

91 100

92 51.1 25.9 77.8

134 23.0 11.7 35.0



#90

Hexachloroethane

Concen: 47.335 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087733.D

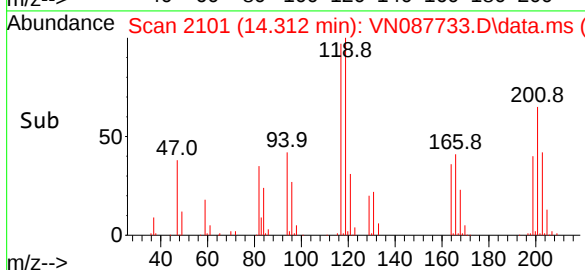
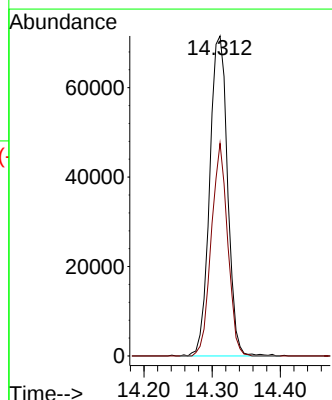
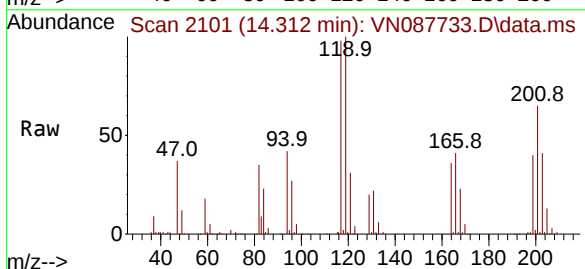
Acq: 05 Sep 2025 11:12

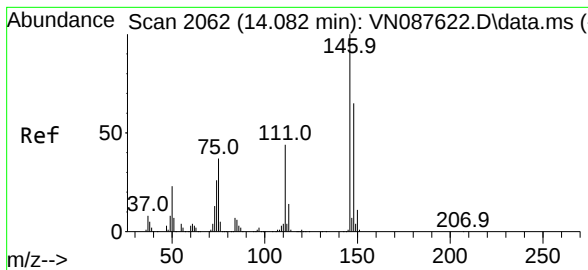
Tgt Ion: 117 Resp: 130580

Ion Ratio Lower Upper

117 100

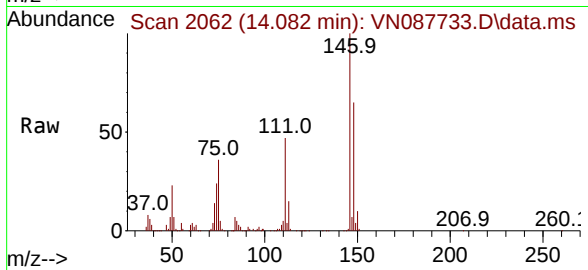
201 60.8 29.1 87.4





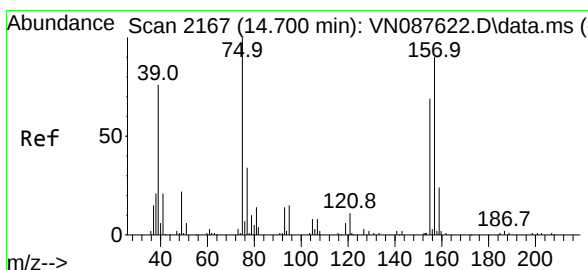
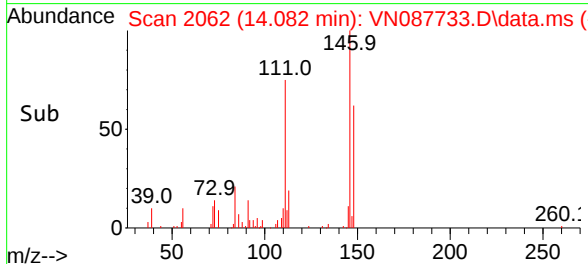
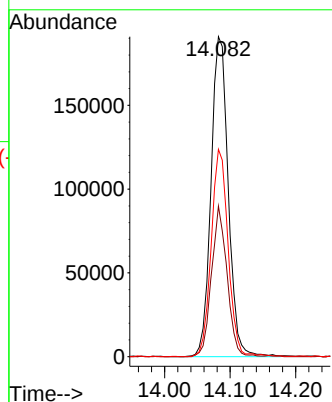
#91
 1,2-Dichlorobenzene
 Concen: 47.324 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN087733.D
 Acq: 05 Sep 2025 11:12

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:146 Resp: 348459

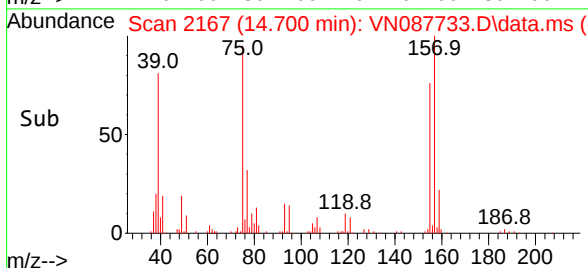
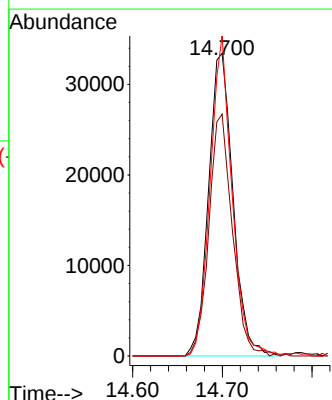
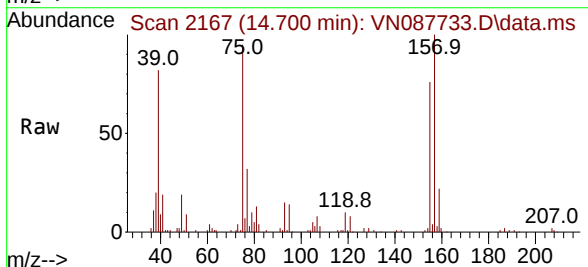
Ion	Ratio	Lower	Upper
146	100		
111	42.5	22.6	67.8
148	63.8	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.185 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: VN087733.D
 Acq: 05 Sep 2025 11:12

Tgt Ion: 75 Resp: 63139

Ion	Ratio	Lower	Upper
75	100		
155	76.8	36.6	109.9
157	94.5	45.6	136.9





#93

1,2,4-Trichlorobenzene

Concen: 45.102 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

Instrument :

MSVOA_N

ClientSampleId :

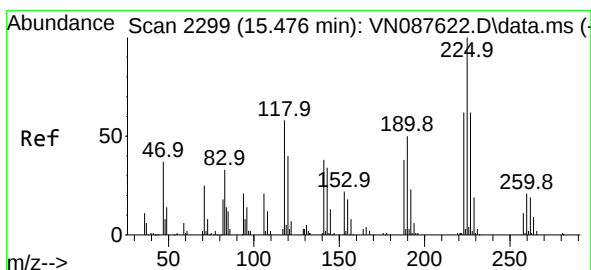
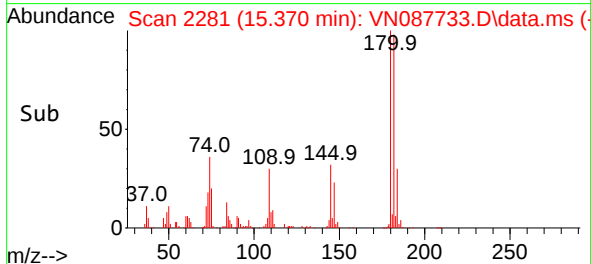
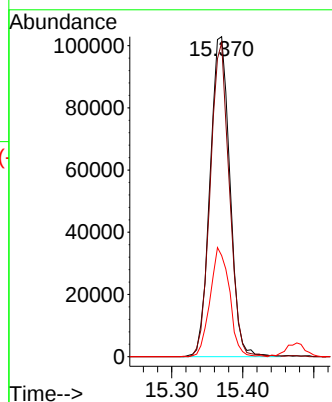
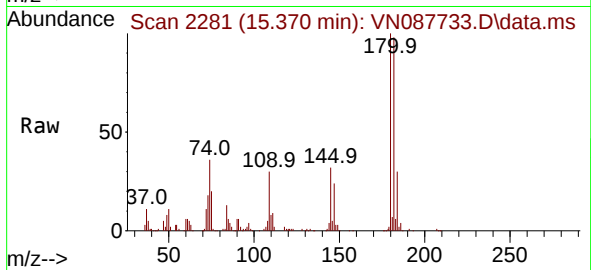
Tgt Ion:180 Resp: 199420

Ion Ratio Lower Upper

180 100

182 94.1 47.6 142.9

145 33.4 16.5 49.5



#94

Hexachlorobutadiene

Concen: 40.542 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

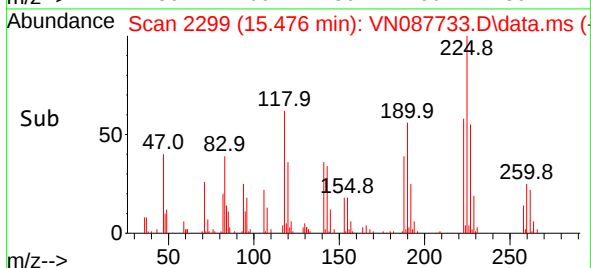
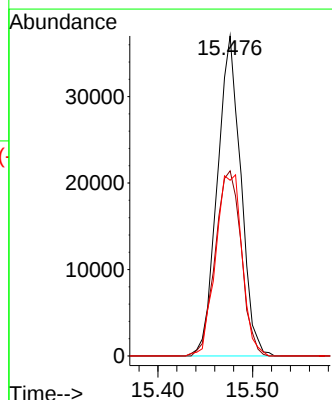
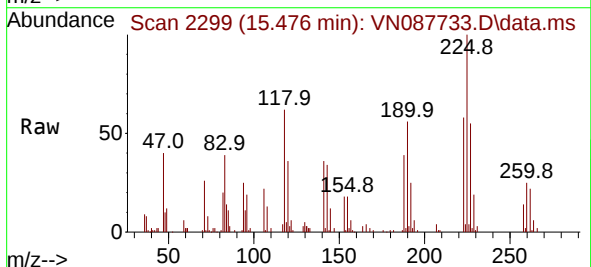
Tgt Ion:225 Resp: 63907

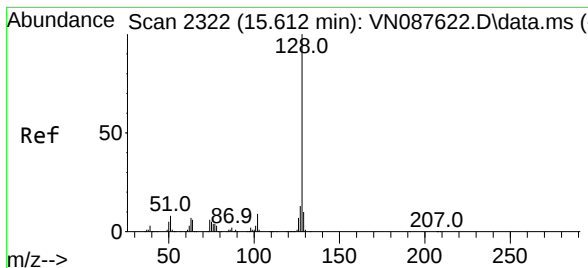
Ion Ratio Lower Upper

225 100

223 63.9 32.0 96.2

227 63.7 32.1 96.5





#95

Naphthalene

Concen: 46.788 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.006 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

Instrument :

MSVOA_N

ClientSampleId :

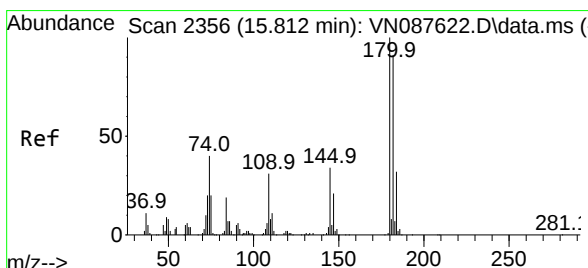
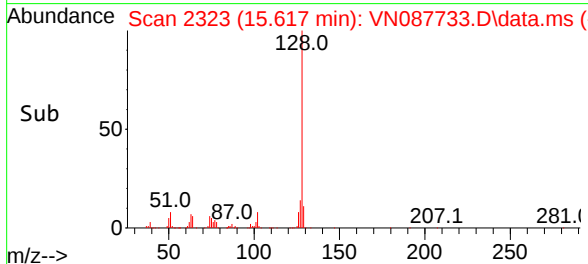
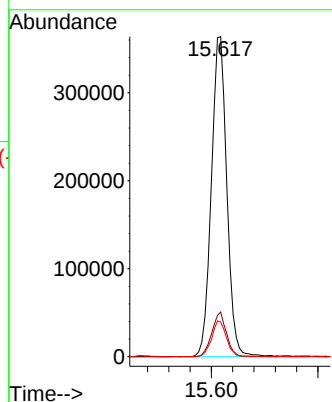
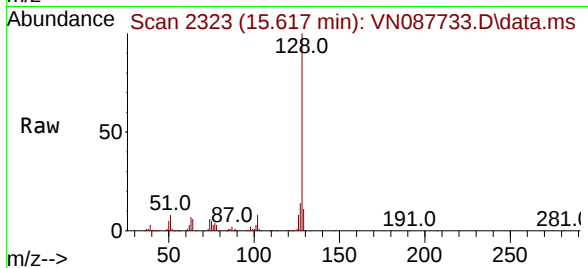
Tgt Ion:128 Resp: 732763

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 45.542 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087733.D

Acq: 05 Sep 2025 11:12

Tgt Ion:180 Resp: 196859

Ion Ratio Lower Upper

180 100

182 93.7 46.8 140.3

145 35.3 17.3 52.0

