

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082925\
 Data File : VN087701.D
 Acq On : 29 Aug 2025 15:51
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 29 22:56:53 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	194605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	390248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	361165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	176567	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	202839	50.872	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.740%	
35) Dibromofluoromethane	8.147	113	139705	49.583	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.160%	
50) Toluene-d8	10.547	98	483463	45.845	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.680%	
62) 4-Bromofluorobenzene	12.829	95	178252	47.529	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	134279	48.583	ug/l	91
3) Chloromethane	2.383	50	151243	53.247	ug/l	98
4) Vinyl Chloride	2.536	62	158557	48.144	ug/l	98
5) Bromomethane	2.965	94	95753	56.348	ug/l	95
6) Chloroethane	3.130	64	117505	50.764	ug/l	97
7) Trichlorofluoromethane	3.506	101	234882	48.679	ug/l	99
8) Diethyl Ether	3.965	74	119921	57.067	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.359	101	129797	47.540	ug/l	99
10) Methyl Iodide	4.577	142	99851	49.081	ug/l	95
11) Tert butyl alcohol	5.518	59	194386	280.824	ug/l	99
12) 1,1-Dichloroethene	4.336	96	133573	47.608	ug/l	97
13) Acrolein	4.177	56	226073	265.666	ug/l	99
14) Allyl chloride	5.012	41	231449	45.522	ug/l	96
15) Acrylonitrile	5.706	53	525461	269.168	ug/l	100
16) Acetone	4.424	43	512864	236.286	ug/l	96
17) Carbon Disulfide	4.706	76	326626	42.287	ug/l	97
18) Methyl Acetate	5.018	43	268534	59.088	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	580766	55.178	ug/l	99
20) Methylene Chloride	5.265	84	165521	52.792	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	140675	46.263	ug/l	95
22) Diisopropyl ether	6.659	45	581956	53.040	ug/l	97
23) Vinyl Acetate	6.588	43	2697755	270.254	ug/l	98
24) 1,1-Dichloroethane	6.547	63	295228	49.075	ug/l	98
25) 2-Butanone	7.471	43	757624	265.312	ug/l	99
26) 2,2-Dichloropropane	7.477	77	204211	39.551	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	180720	49.714	ug/l	99
28) Bromochloromethane	7.794	49	145821	50.139	ug/l	99
29) Tetrahydrofuran	7.824	42	497125	270.509	ug/l	100
30) Chloroform	7.947	83	315347	51.356	ug/l	98
31) Cyclohexane	8.241	56	214542	42.779	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	240339	46.186	ug/l	99
36) 1,1-Dichloropropene	8.353	75	180610	41.784	ug/l	97
37) Ethyl Acetate	7.547	43	307836	52.117	ug/l	99
38) Carbon Tetrachloride	8.341	117	194921	45.673	ug/l	96
39) Methylcyclohexane	9.582	83	202528	42.558	ug/l	98
40) Benzene	8.588	78	629140	47.454	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	159784	52.223	ug/l	97
42) 1,2-Dichloroethane	8.653	62	259075	50.852	ug/l	99
43) Isopropyl Acetate	8.671	43	496648	53.856	ug/l	100
44) Trichloroethene	9.329	130	133535	44.117	ug/l	98
45) 1,2-Dichloropropane	9.600	63	168917	48.336	ug/l	99
46) Dibromomethane	9.688	93	129165	51.940	ug/l	98
47) Bromodichloromethane	9.865	83	259548	50.925	ug/l	94
48) Methyl methacrylate	9.665	41	228958	52.490	ug/l	99
49) 1,4-Dioxane	9.682	88	65172	1152.731	ug/l #	98
51) 4-Methyl-2-Pentanone	10.423	43	1555414	279.555	ug/l	100
52) Toluene	10.612	92	378430	46.043	ug/l	100
53) t-1,3-Dichloropropene	10.817	75	267259	50.660	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	267601	48.852	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	170105	53.500	ug/l	97
56) Ethyl methacrylate	10.853	69	289551	56.984	ug/l	98
57) 1,3-Dichloropropane	11.141	76	291003	51.715	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	771445	280.500	ug/l	99
59) 2-Hexanone	11.176	43	1055183	300.077	ug/l	99
60) Dibromochloromethane	11.335	129	185190	50.268	ug/l	100
61) 1,2-Dibromoethane	11.447	107	176505	52.647	ug/l	100
64) Tetrachloroethene	11.082	164	106870	42.650	ug/l	95
65) Chlorobenzene	11.870	112	417277	46.440	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	152480	51.117	ug/l	98
67) Ethyl Benzene	11.941	91	724680	46.582	ug/l	99
68) m/p-Xylenes	12.047	106	528672	92.660	ug/l	99
69) o-Xylene	12.376	106	273443	48.904	ug/l	96
70) Styrene	12.388	104	464551	49.592	ug/l	99
71) Bromoform	12.559	173	124874	54.584	ug/l #	97
73) Isopropylbenzene	12.670	105	676992	47.449	ug/l	100
74) N-amyl acetate	12.500	43	220759	40.828	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.917	83	268312	54.622	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	340502	82.235	ug/l	57
77) Bromobenzene	12.959	156	165396	49.165	ug/l	98
78) n-propylbenzene	13.011	91	842292	47.927	ug/l	100
79) 2-Chlorotoluene	13.100	91	508072	48.040	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	576539	47.633	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	82936	53.027	ug/l	91
82) 4-Chlorotoluene	13.200	91	522226	46.965	ug/l	98
83) tert-Butylbenzene	13.417	119	486328	48.217	ug/l	99
84) 1,2,4-Trimethylbenzene	13.458	105	592946	48.937	ug/l	99
85) sec-Butylbenzene	13.594	105	705141	47.111	ug/l	99
86) p-Isopropyltoluene	13.706	119	587966	47.572	ug/l	98
87) 1,3-Dichlorobenzene	13.711	146	312304	47.141	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	321192	46.588	ug/l	99
89) n-Butylbenzene	14.035	91	571050	46.521	ug/l	100
90) Hexachloroethane	14.305	117	111190	47.220	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	305998	48.687	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	61777	52.941	ug/l	99
93) 1,2,4-Trichlorobenzene	15.364	180	176132	46.668	ug/l	98
94) Hexachlorobutadiene	15.476	225	56089	41.686	ug/l	95
95) Naphthalene	15.611	128	722710	54.063	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	177983	48.239	ug/l	100

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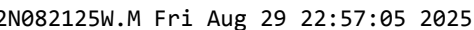
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MSVOA_N
ClientSampleId :
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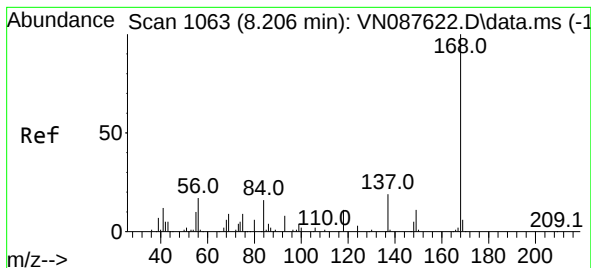
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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

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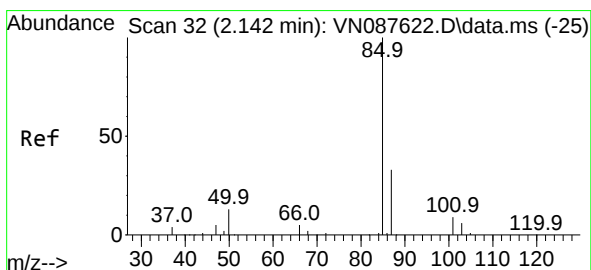
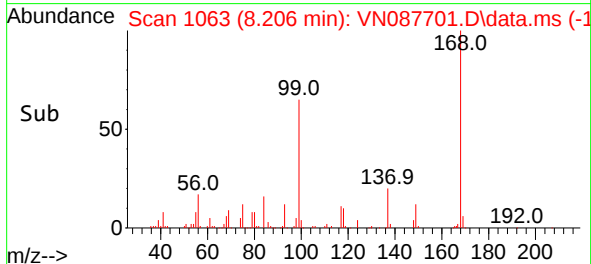
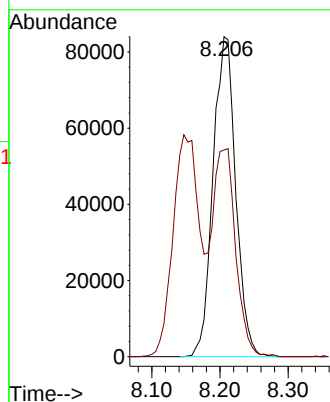
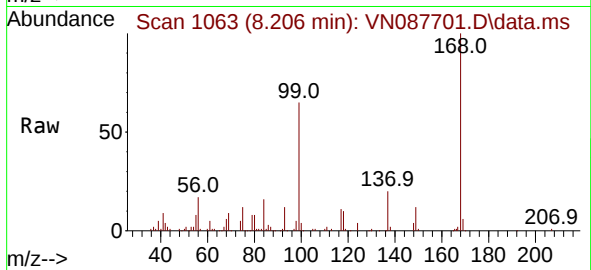




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087701.D
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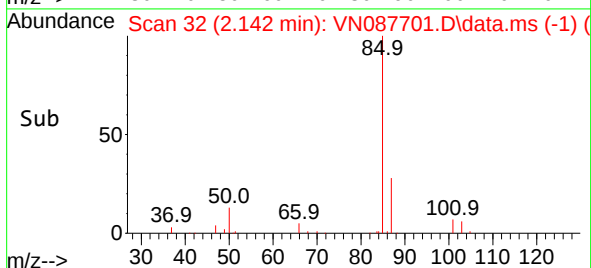
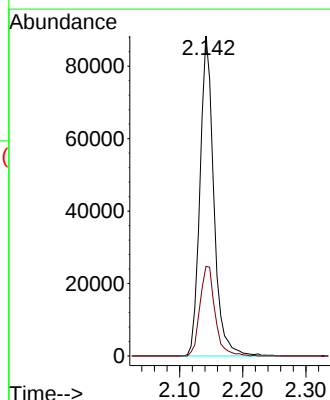
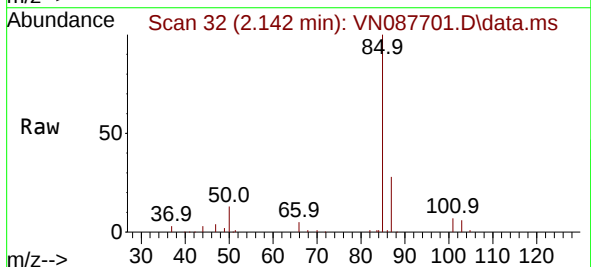
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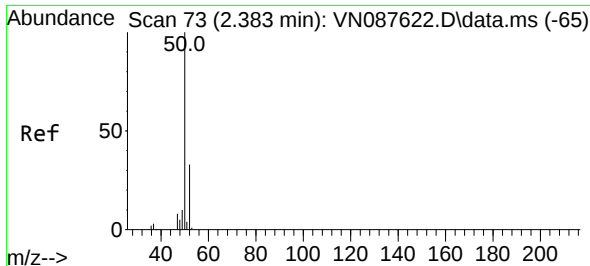
Tgt Ion:168 Resp: 194605
Ion Ratio Lower Upper
168 100
99 64.6 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 48.583 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 85 Resp: 134279
Ion Ratio Lower Upper
85 100
87 28.0 16.6 49.8

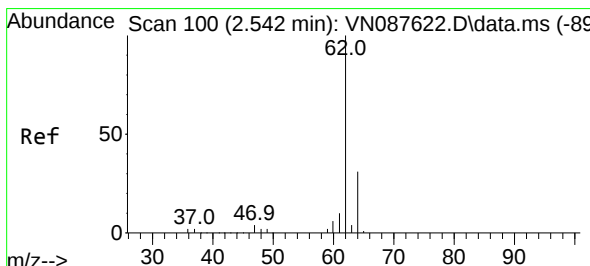
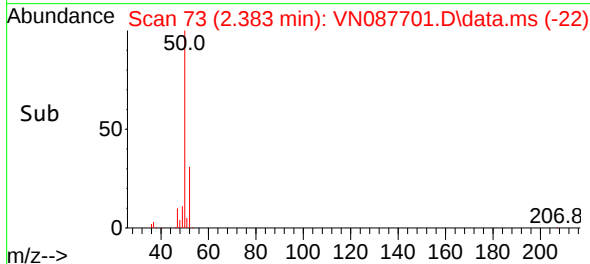
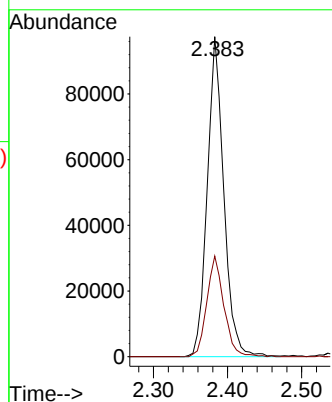
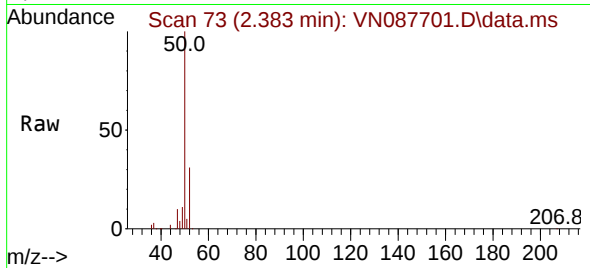




#3
Chloromethane
Concen: 53.247 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

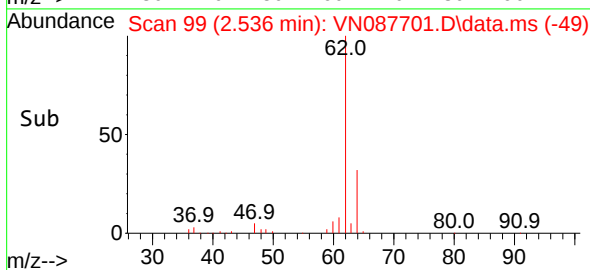
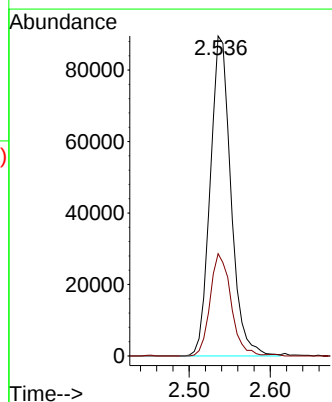
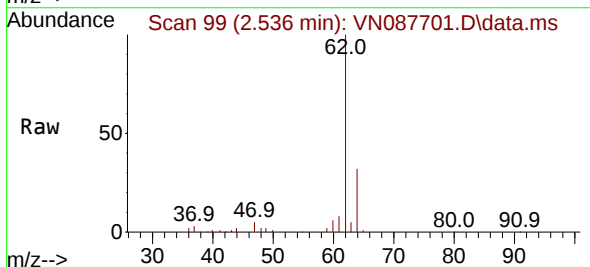
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ClientSampleId :
VSTDCCC050EC

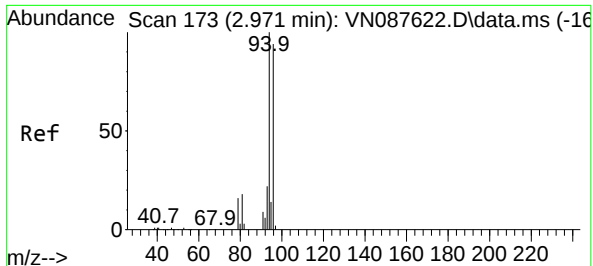
Tgt Ion: 50 Resp: 151243
Ion Ratio Lower Upper
50 100
52 31.5 26.2 39.4



#4
Vinyl Chloride
Concen: 48.144 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 62 Resp: 158557
Ion Ratio Lower Upper
62 100
64 31.9 24.6 37.0

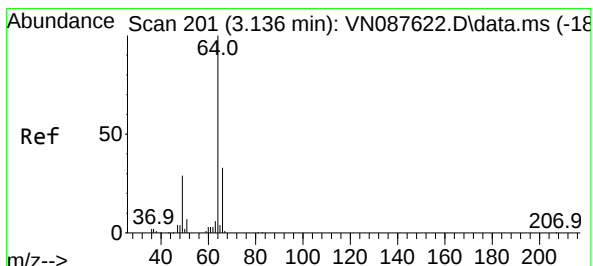
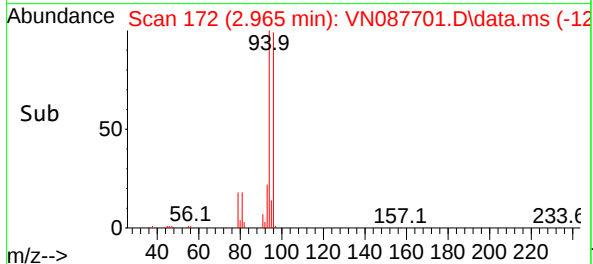
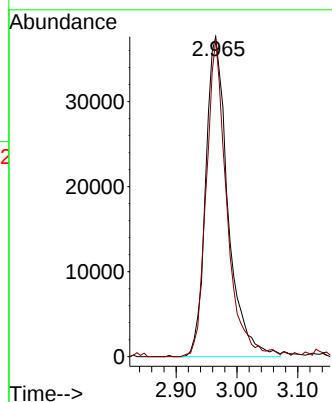
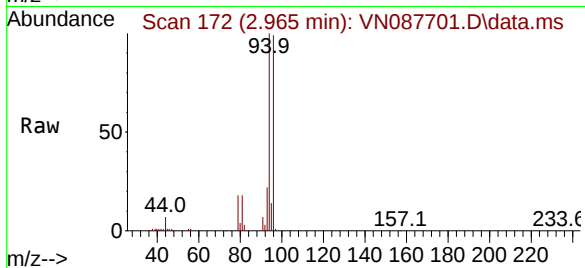




#5
Bromomethane
Concen: 56.348 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

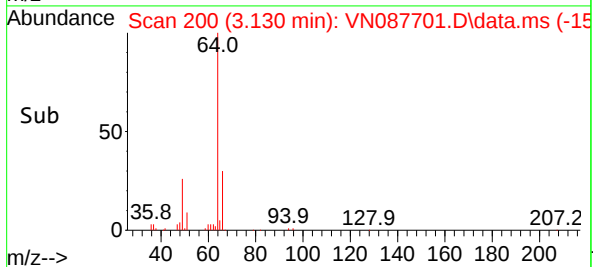
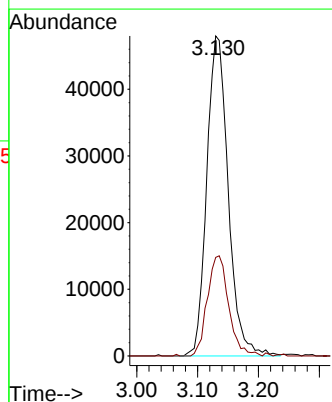
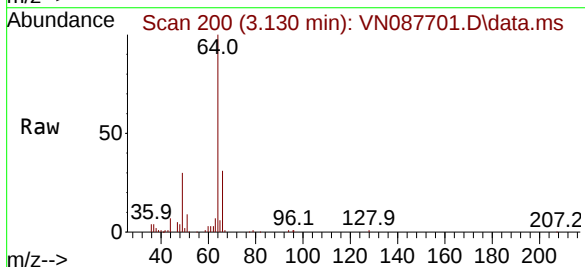
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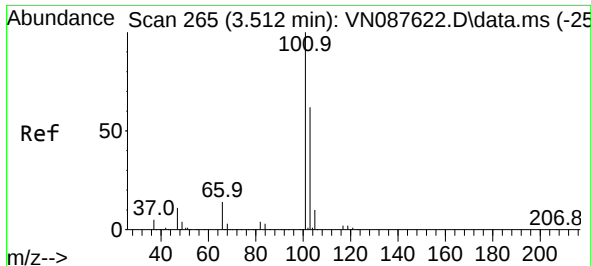
Tgt Ion: 94 Resp: 95753
Ion Ratio Lower Upper
94 100
96 99.2 75.4 113.2



#6
Chloroethane
Concen: 50.764 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 64 Resp: 117505
Ion Ratio Lower Upper
64 100
66 30.8 26.2 39.2

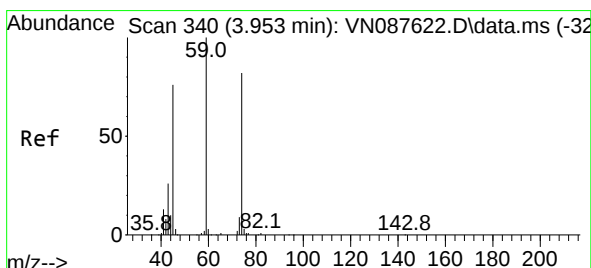
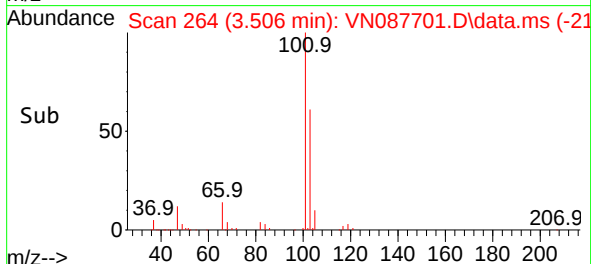
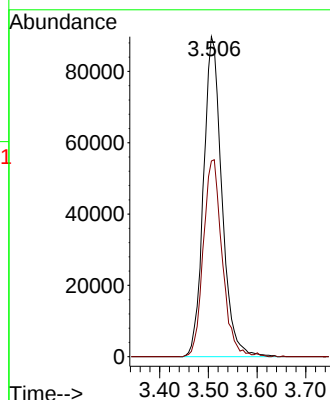
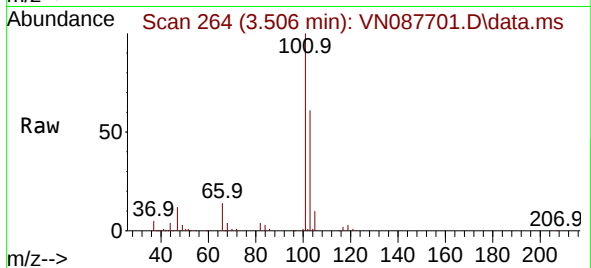




#7
Trichlorofluoromethane
Concen: 48.679 ug/l
RT: 3.506 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

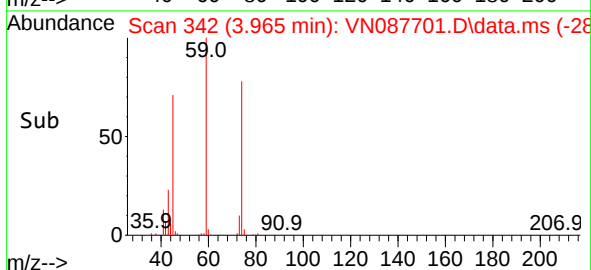
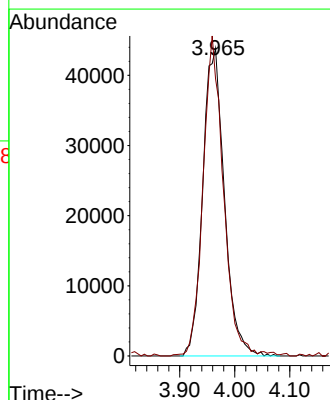
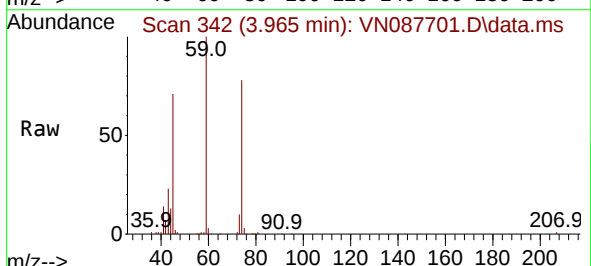
Instrument :
MSVOA_N
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VSTDCCC050EC

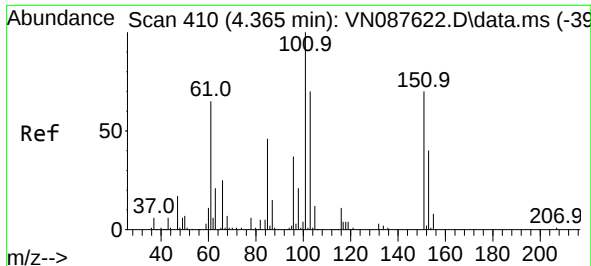
Tgt Ion:101 Resp: 234882
Ion Ratio Lower Upper
101 100
103 61.1 49.4 74.0



#8
Diethyl Ether
Concen: 57.067 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 74 Resp: 119921
Ion Ratio Lower Upper
74 100
45 97.6 50.6 151.9

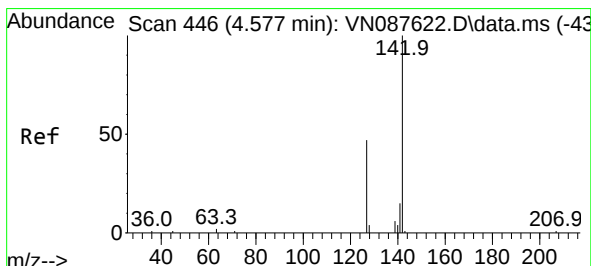
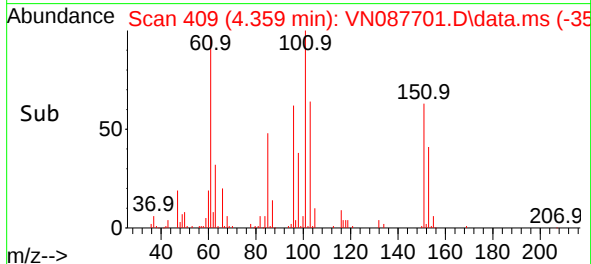
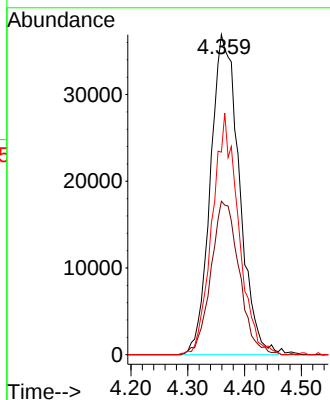
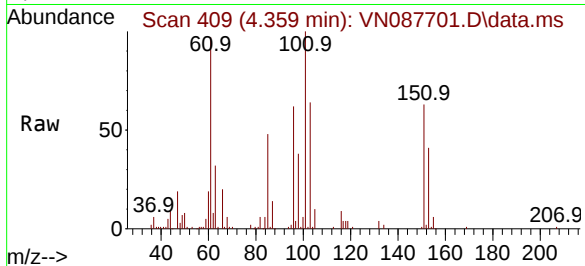




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.540 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

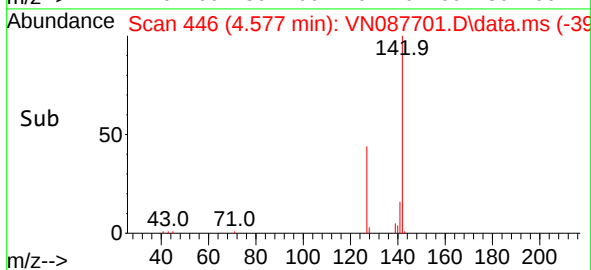
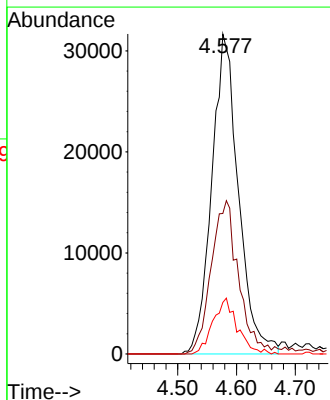
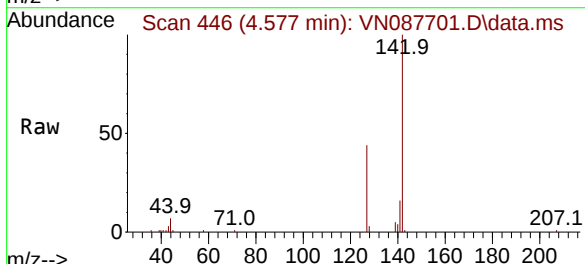
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

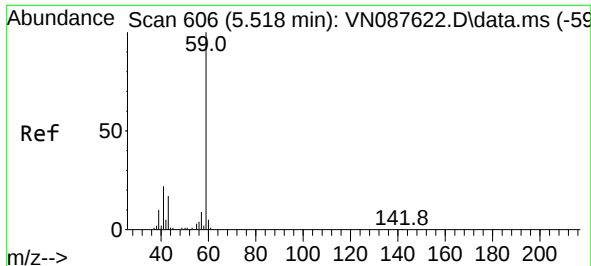
Tgt Ion:101 Resp: 129797
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 69.1 54.7 82.1



#10
Methyl Iodide
Concen: 49.081 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion:142 Resp: 99851
Ion Ratio Lower Upper
142 100
127 43.9 38.0 57.0
141 16.1 12.0 18.0

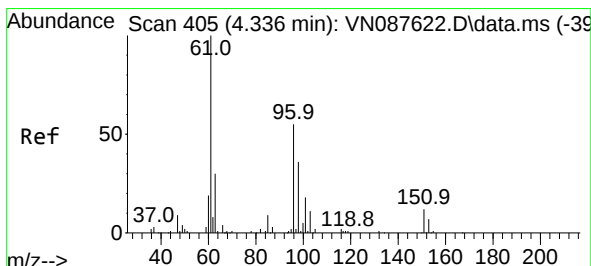
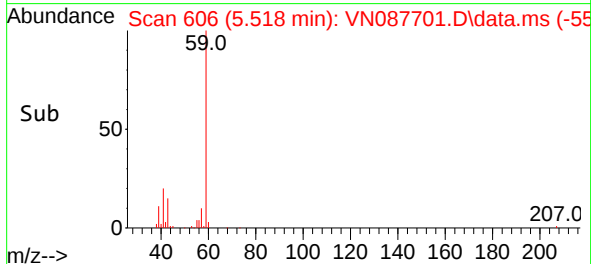
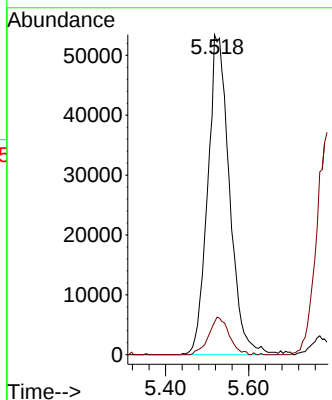
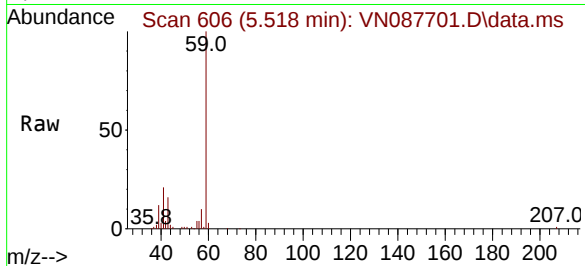




#11
Tert butyl alcohol
Concen: 280.824 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

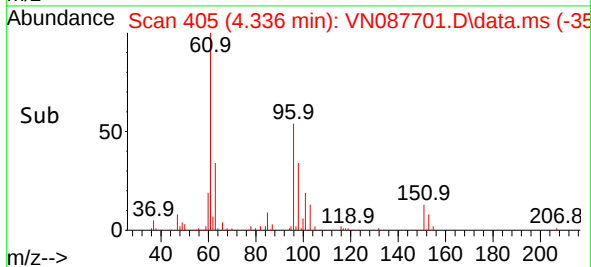
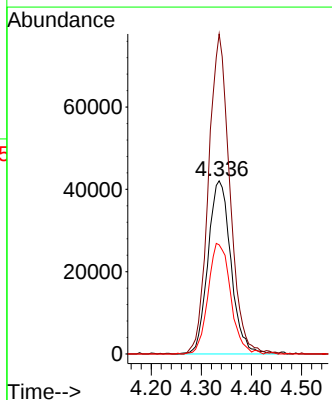
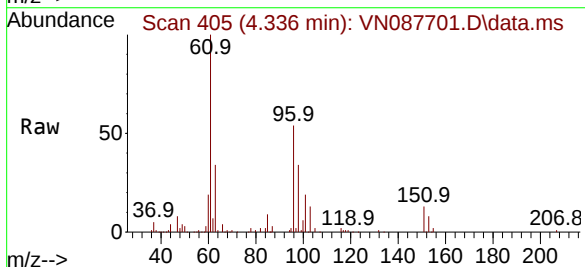
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

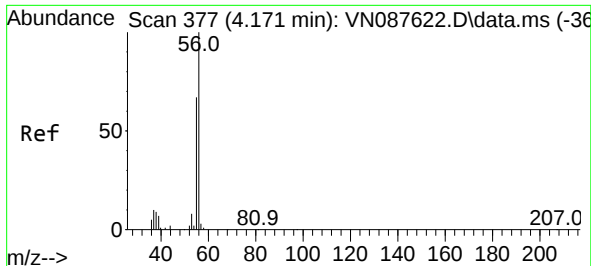
Tgt Ion: 59 Resp: 194386
Ion Ratio Lower Upper
59 100
57 10.9 9.0 13.4



#12
1,1-Dichloroethene
Concen: 47.608 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 96 Resp: 133573
Ion Ratio Lower Upper
96 100
61 184.8 143.8 215.8
98 63.0 52.1 78.1

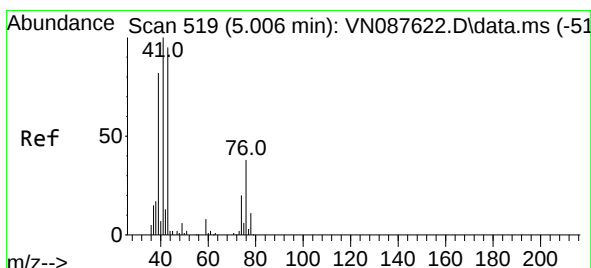
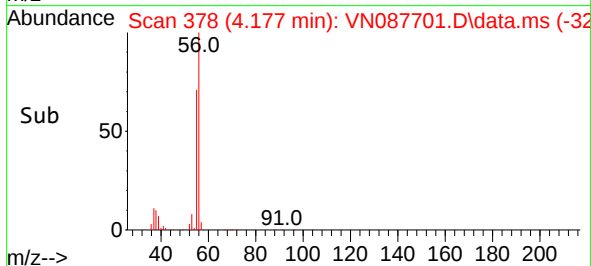
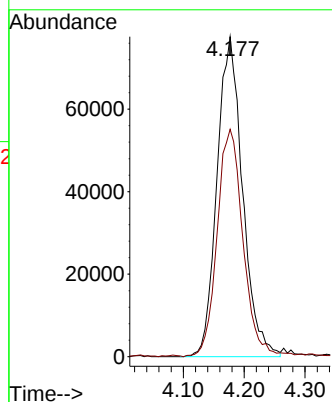
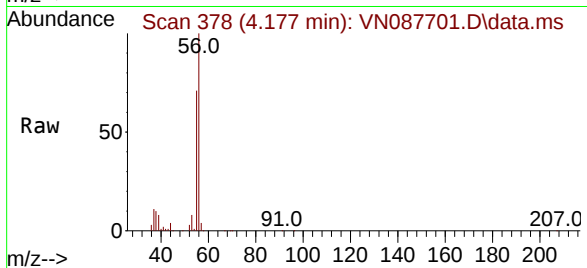




#13
Acrolein
Concen: 265.666 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

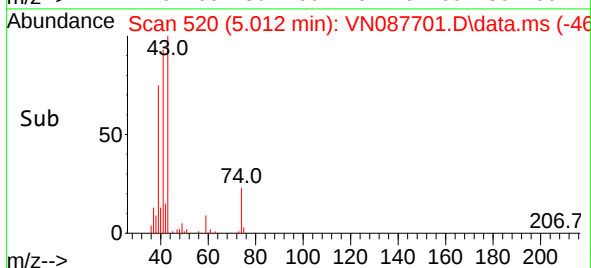
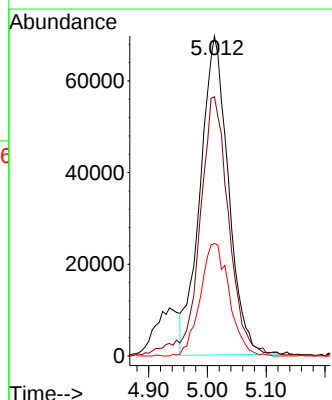
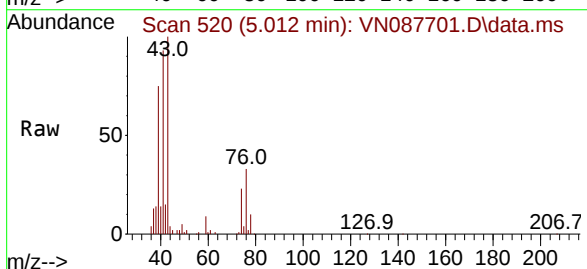
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

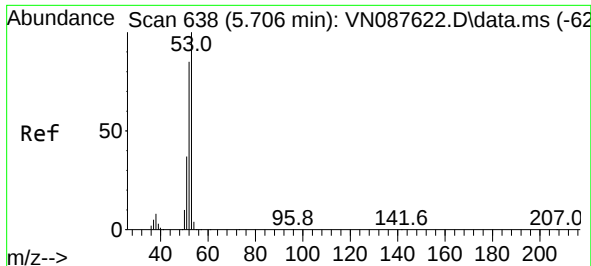
Tgt Ion: 56 Resp: 226073
Ion Ratio Lower Upper
56 100
55 72.0 57.3 85.9



#14
Allyl chloride
Concen: 45.522 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 41 Resp: 231449
Ion Ratio Lower Upper
41 100
39 84.1 63.9 95.9
76 36.4 28.1 42.1

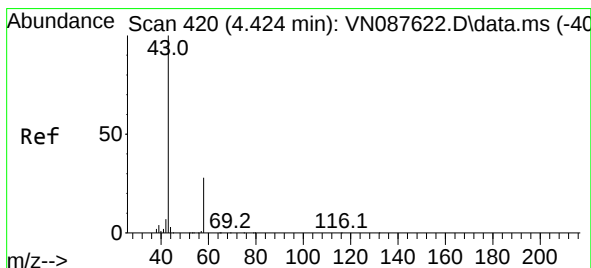
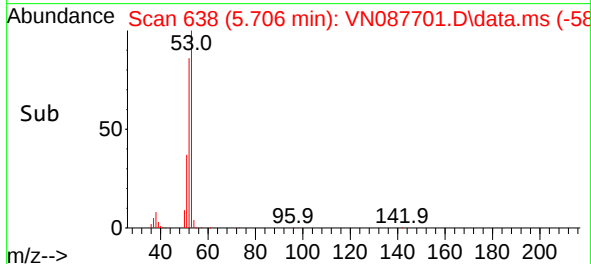
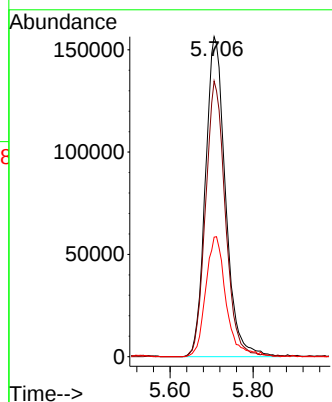
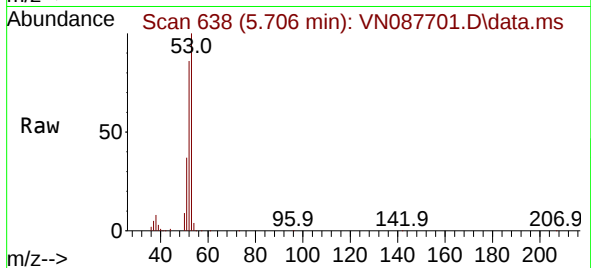




#15
Acrylonitrile
Concen: 269.168 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

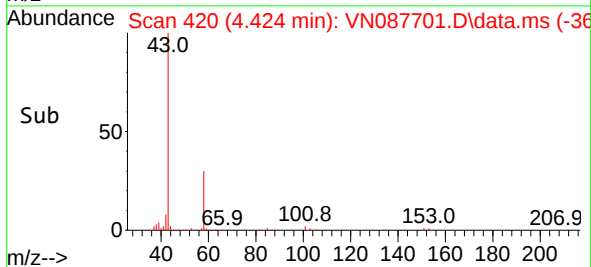
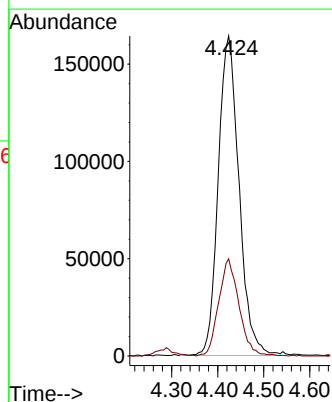
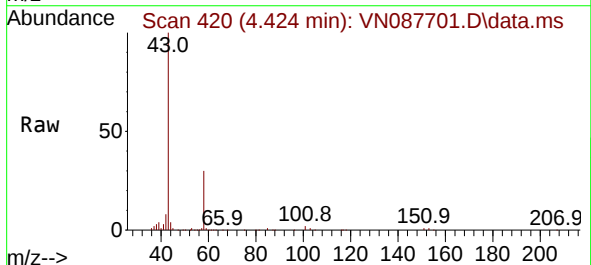
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

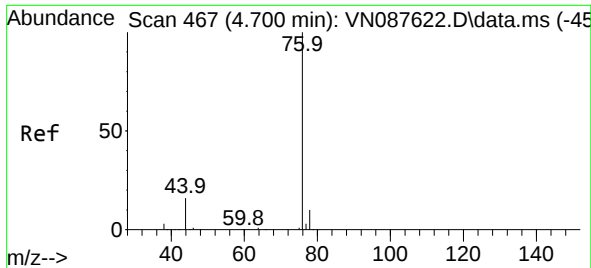
Tgt Ion: 53 Resp: 525461
Ion Ratio Lower Upper
53 100
52 84.7 67.6 101.4
51 38.0 30.1 45.1



#16
Acetone
Concen: 236.286 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 43 Resp: 512864
Ion Ratio Lower Upper
43 100
58 30.3 22.6 33.8

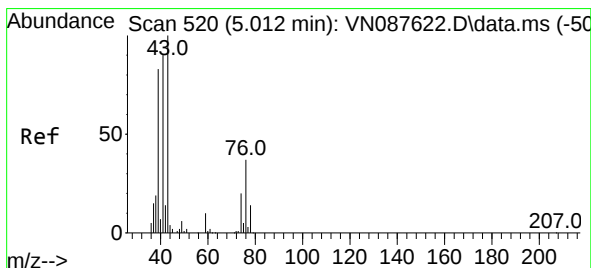
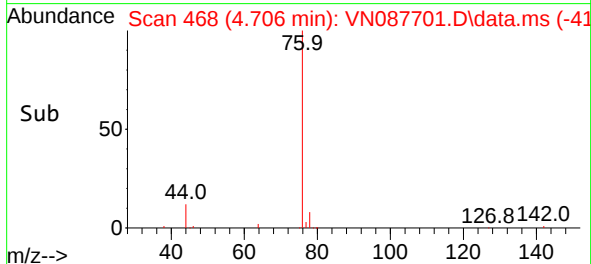
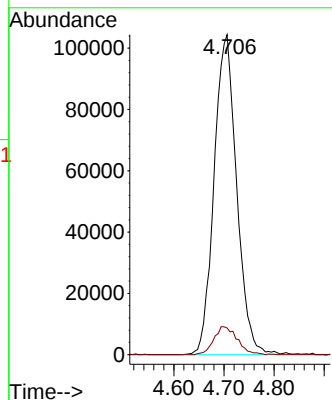
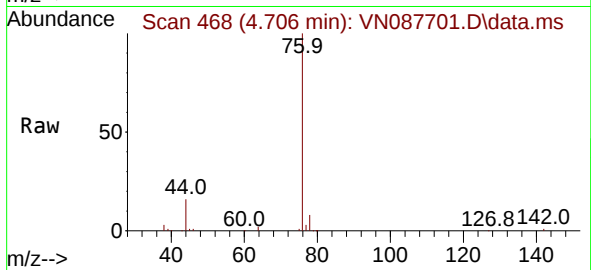




#17
Carbon Disulfide
Concen: 42.287 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

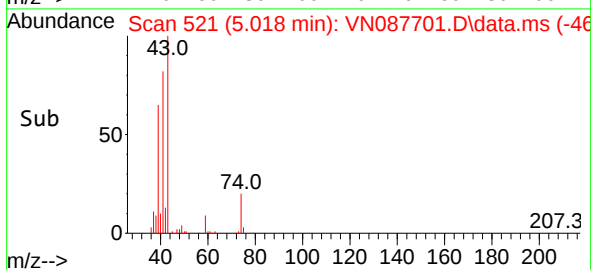
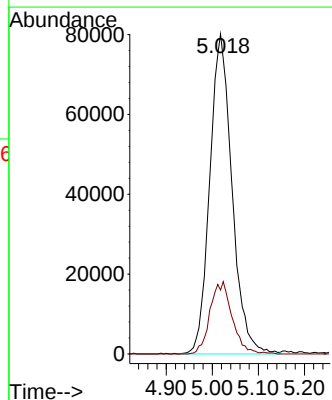
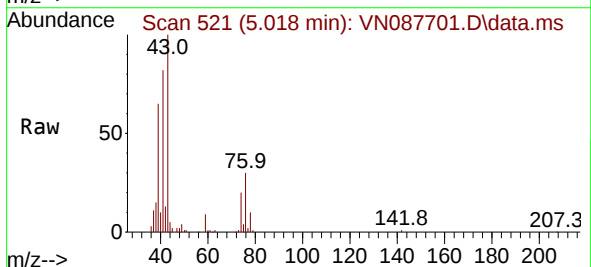
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

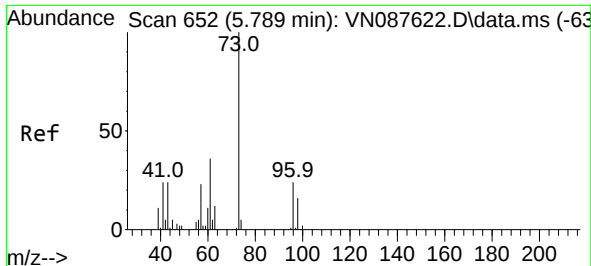
Tgt Ion: 76 Resp: 326626
Ion Ratio Lower Upper
76 100
78 8.3 7.6 11.4



#18
Methyl Acetate
Concen: 59.088 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 43 Resp: 268534
Ion Ratio Lower Upper
43 100
74 22.6 17.6 26.4

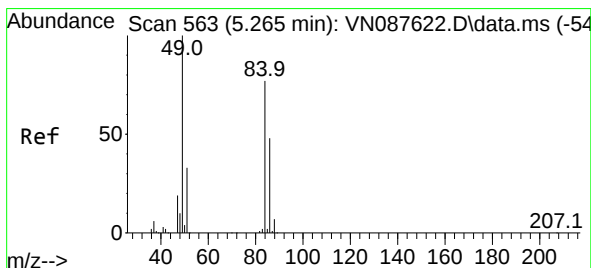
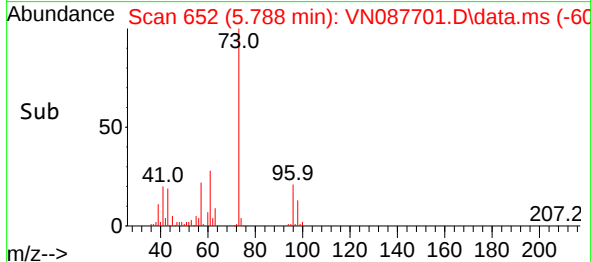
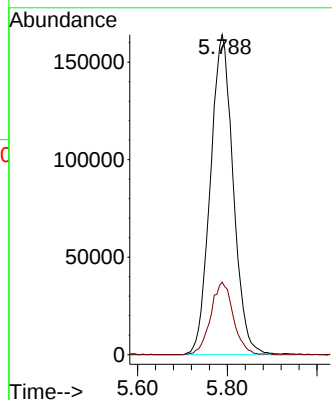
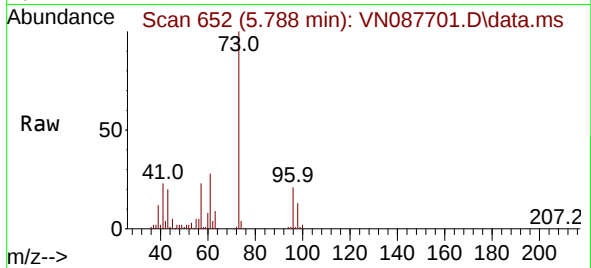




#19
Methyl tert-butyl Ether
Concen: 55.178 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

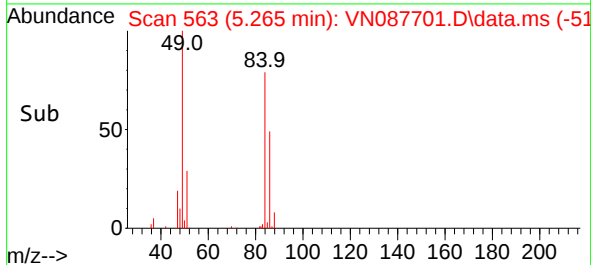
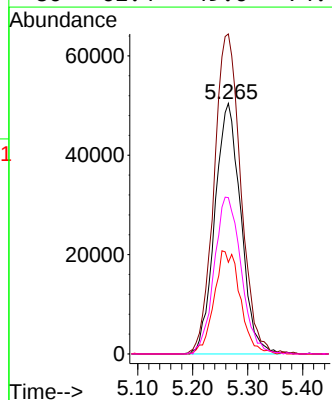
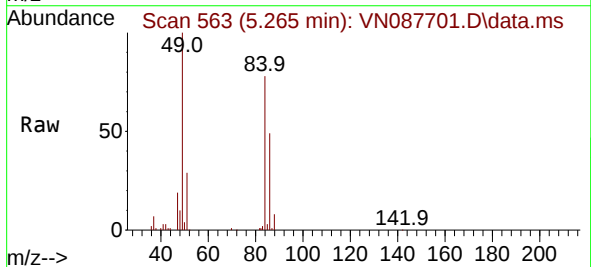
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

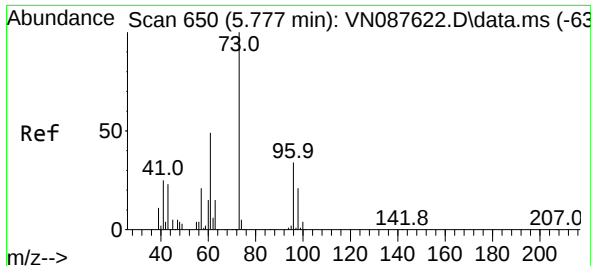
Tgt Ion: 73 Resp: 580766
Ion Ratio Lower Upper
73 100
57 22.6 18.4 27.6



#20
Methylene Chloride
Concen: 52.792 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 84 Resp: 165521
Ion Ratio Lower Upper
84 100
49 127.7 103.4 155.2
51 36.6 33.8 50.8
86 62.4 49.6 74.4

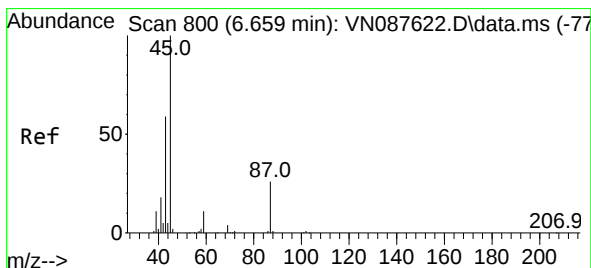
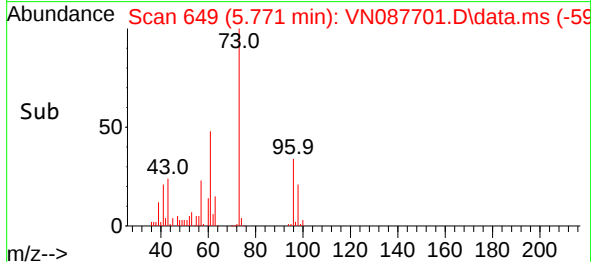
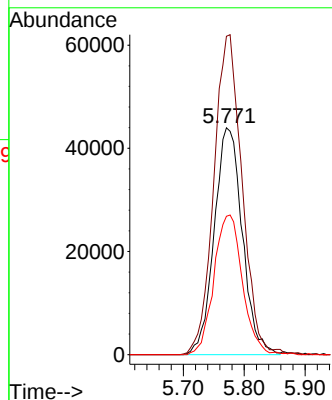
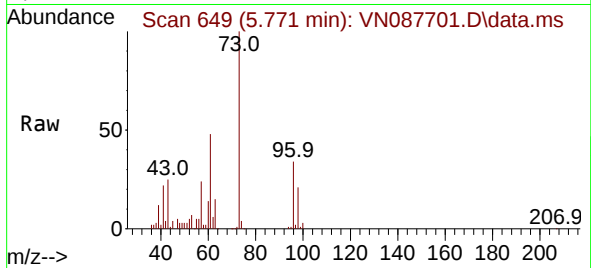




#21
trans-1,2-Dichloroethene
Concen: 46.263 ug/l
RT: 5.771 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

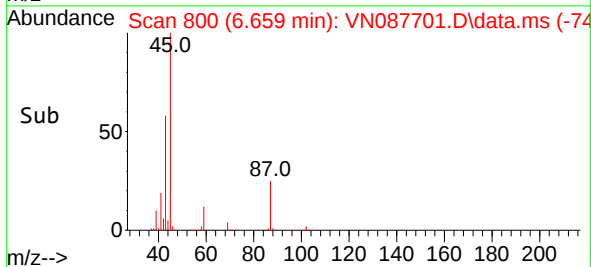
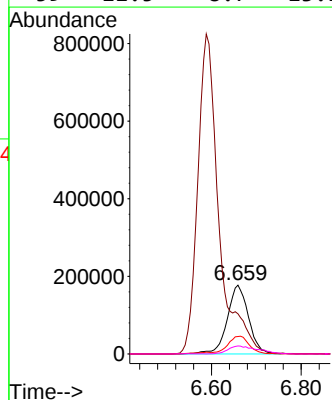
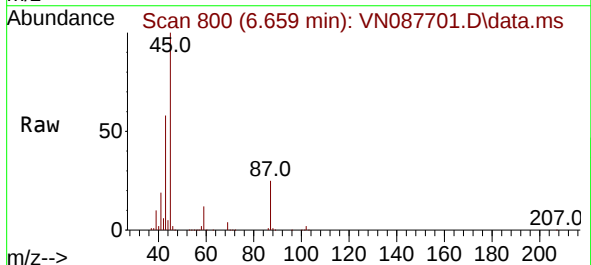
Instrument :
MSVOA_N
ClientSampleId :
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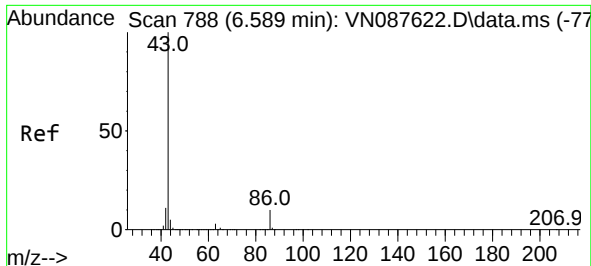
Tgt Ion: 96 Resp: 140675
Ion Ratio Lower Upper
96 100
61 140.3 118.0 177.0
98 61.0 50.0 75.0



#22
Diisopropyl ether
Concen: 53.040 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 45 Resp: 581956
Ion Ratio Lower Upper
45 100
43 57.5 47.7 71.5
87 25.2 21.4 32.0
59 11.5 8.7 13.1

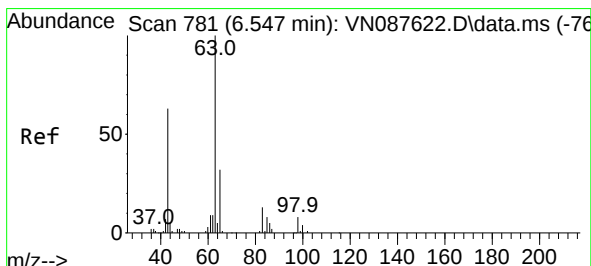
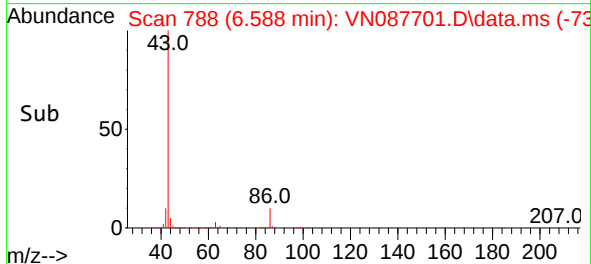
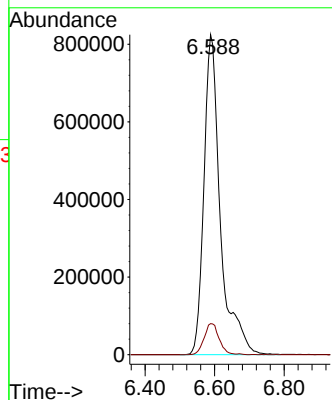
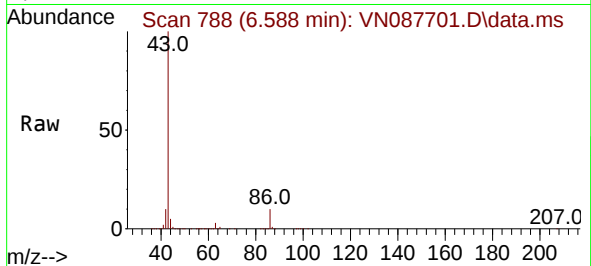




#23
 Vinyl Acetate
 Concen: 270.254 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087701.D
 Acq: 29 Aug 2025 15:51

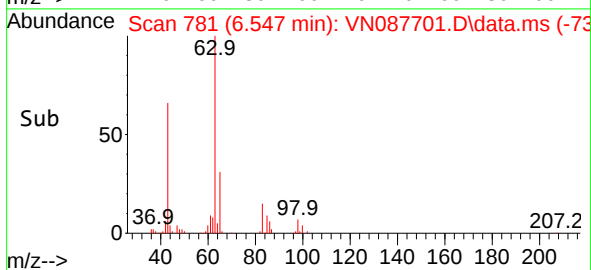
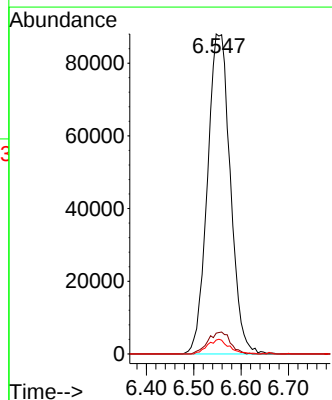
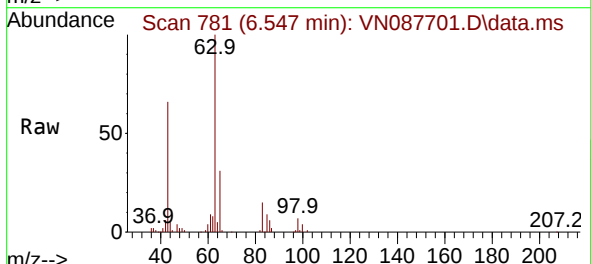
Instrument :
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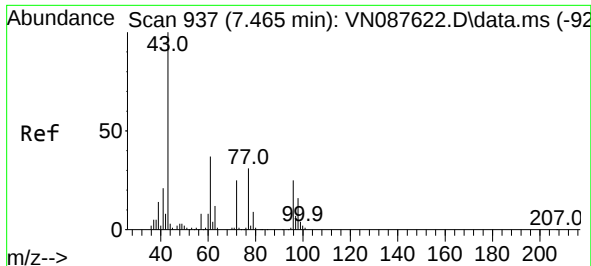
Tgt Ion: 43 Resp: 2697755
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 49.075 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: VN087701.D
 Acq: 29 Aug 2025 15:51

Tgt Ion: 63 Resp: 295228
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 4.4 2.0 6.0

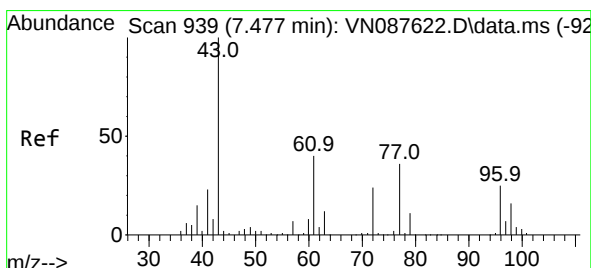
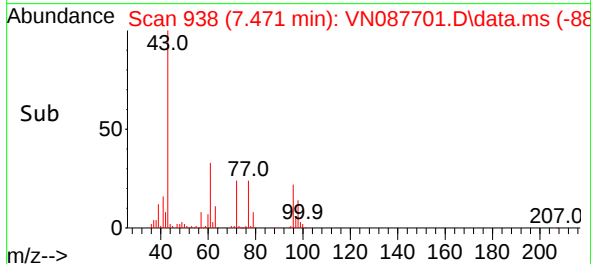
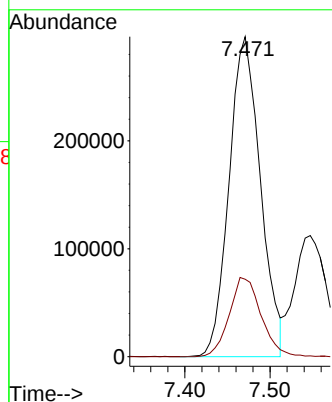
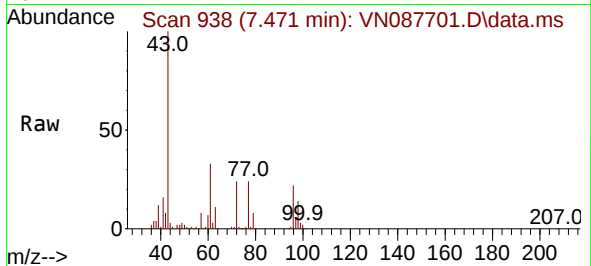




#25
2-Butanone
Concen: 265.312 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

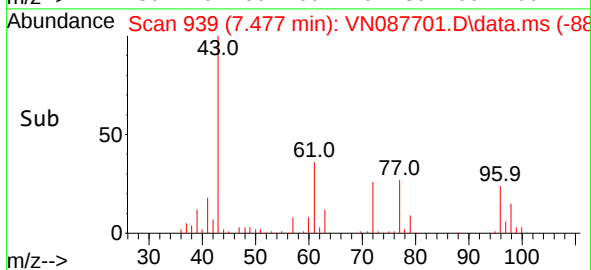
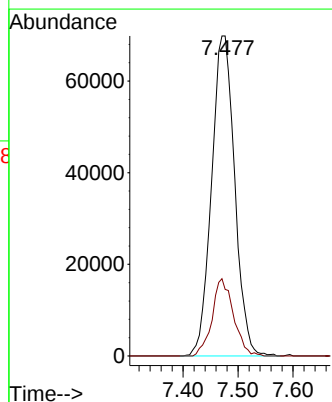
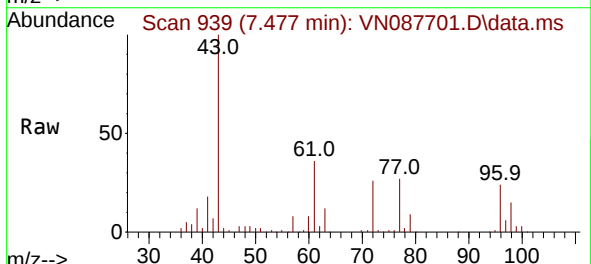
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

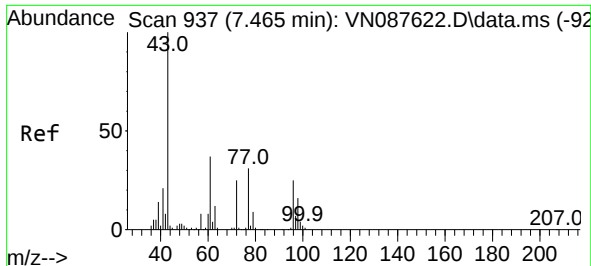
Tgt Ion: 43 Resp: 757624
Ion Ratio Lower Upper
43 100
72 24.2 19.9 29.9



#26
2,2-Dichloropropane
Concen: 39.551 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 77 Resp: 204211
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.7

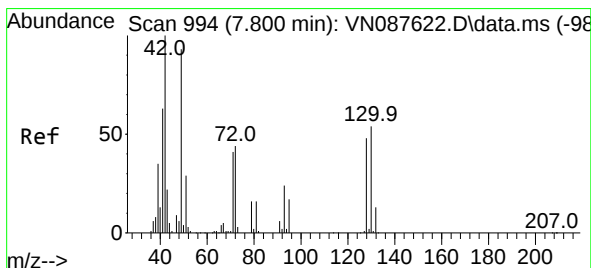
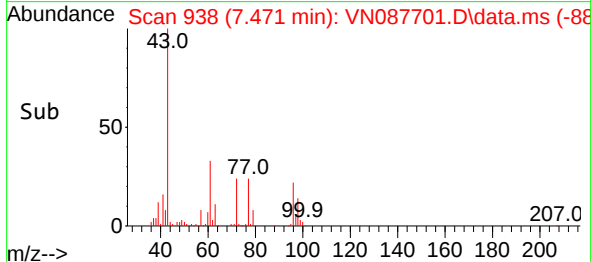
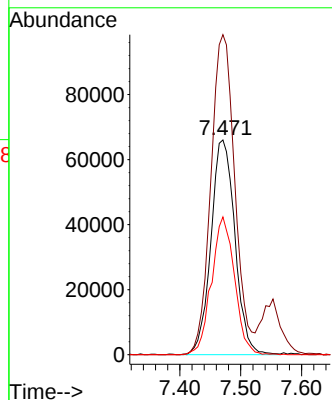
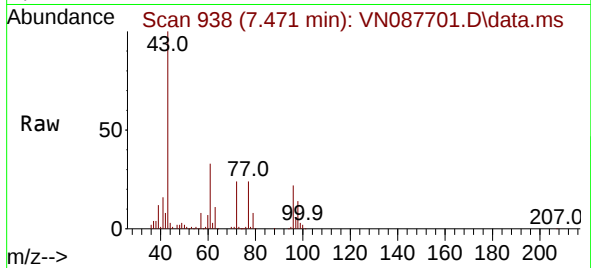




#27
 cis-1,2-Dichloroethene
 Concen: 49.714 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087701.D
 Acq: 29 Aug 2025 15:51

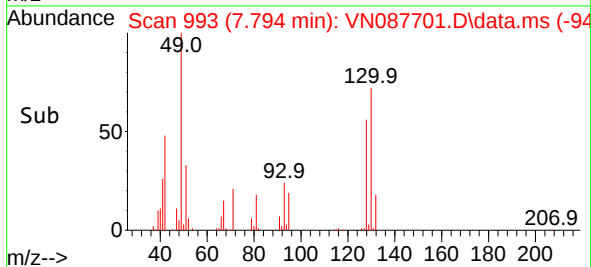
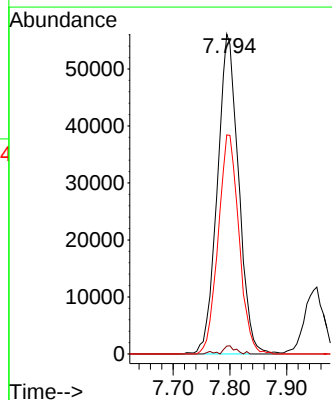
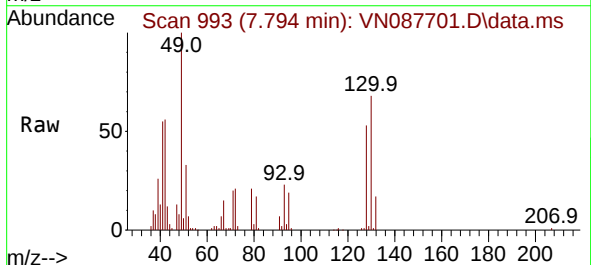
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

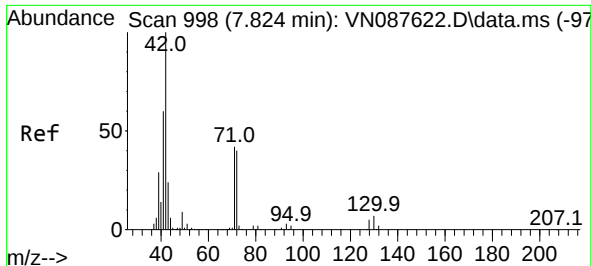
Tgt Ion: 96 Resp: 180720
 Ion Ratio Lower Upper
 96 100
 61 149.2 0.0 301.8
 98 61.8 0.0 126.2



#28
 Bromochloromethane
 Concen: 50.139 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087701.D
 Acq: 29 Aug 2025 15:51

Tgt Ion: 49 Resp: 145821
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.0
 130 66.9 53.1 79.7

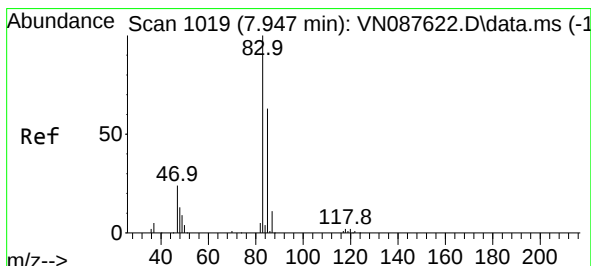
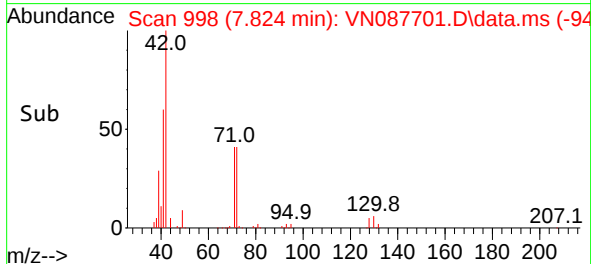
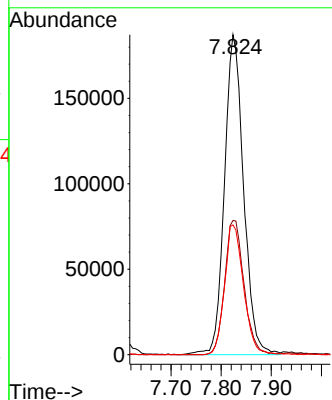
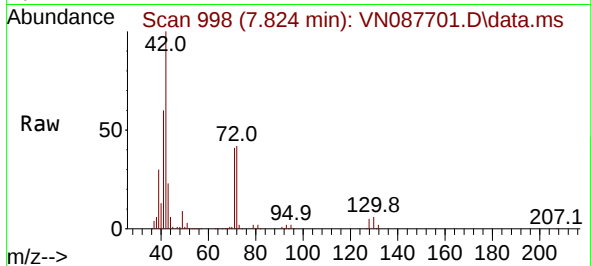




#29
Tetrahydrofuran
Concen: 270.509 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

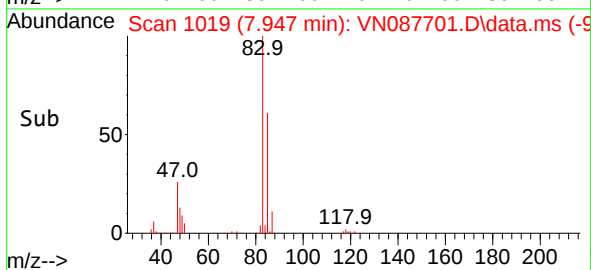
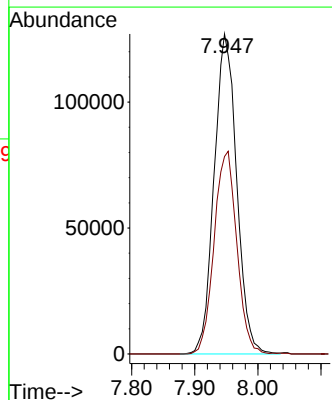
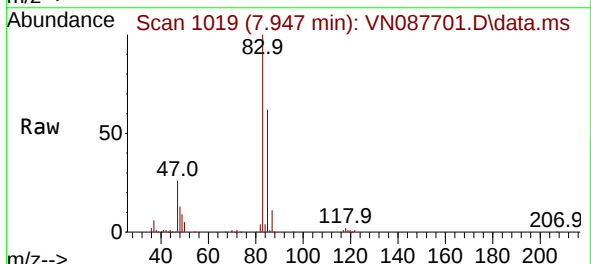
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

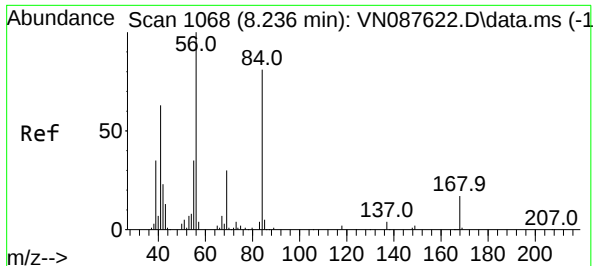
Tgt Ion: 42 Resp: 497125
Ion Ratio Lower Upper
42 100
72 42.3 33.7 50.5
71 40.3 31.9 47.9



#30
Chloroform
Concen: 51.356 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 83 Resp: 315347
Ion Ratio Lower Upper
83 100
85 61.7 50.7 76.1

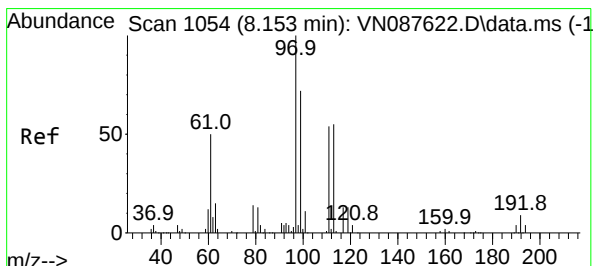
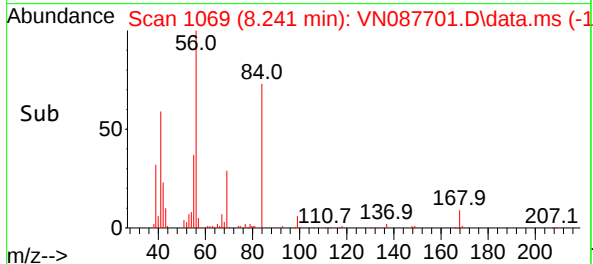
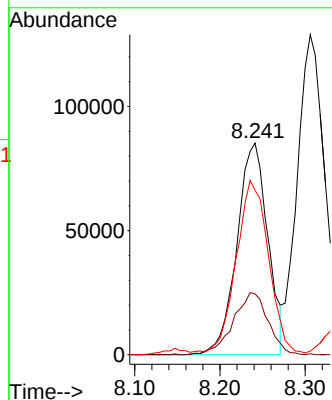
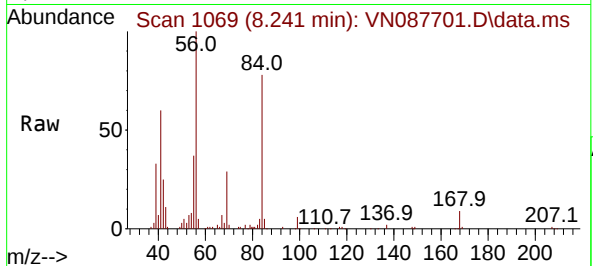




#31
Cyclohexane
Concen: 42.779 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

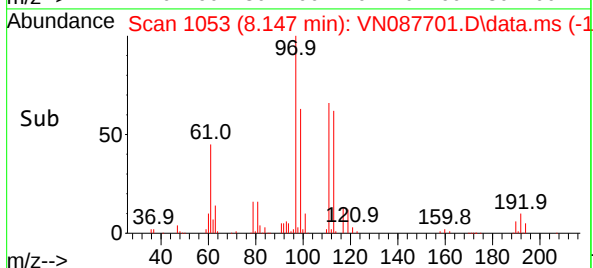
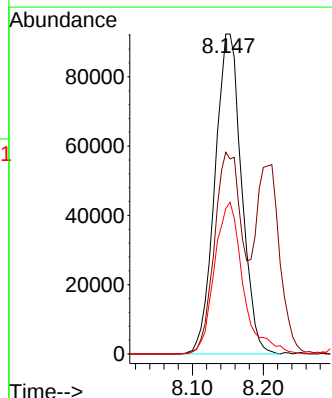
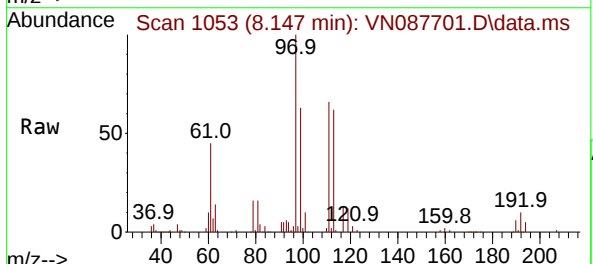
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

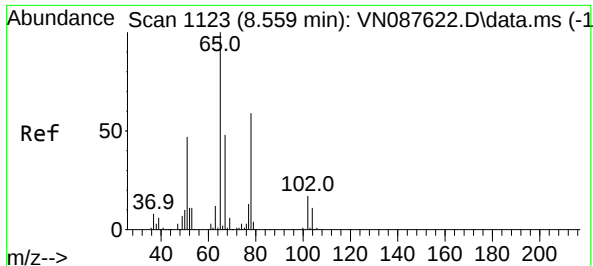
Tgt Ion: 56 Resp: 214542
Ion Ratio Lower Upper
56 100
69 28.8 23.7 35.5
84 75.7 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 46.186 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 97 Resp: 240339
Ion Ratio Lower Upper
97 100
99 63.5 52.2 78.2
61 51.1 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 50.872 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

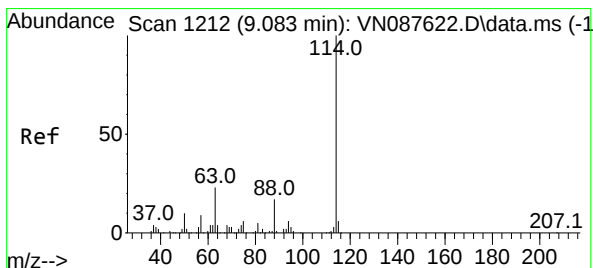
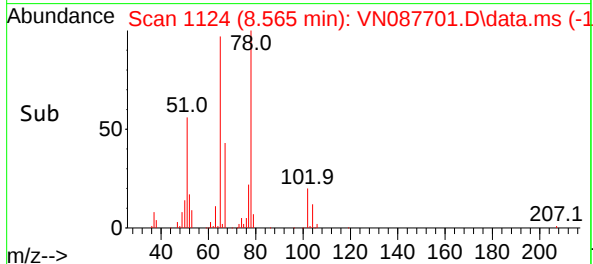
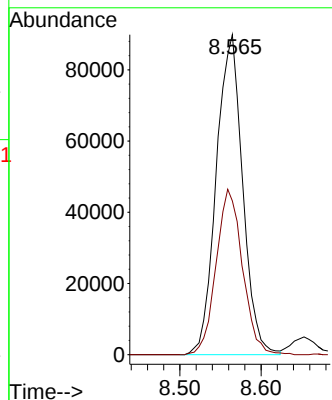
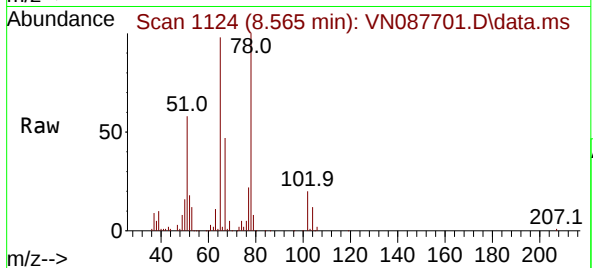
VSTDCCC050EC

Tgt Ion: 65 Resp: 202839

Ion Ratio Lower Upper

65 100

67 51.8 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: VN087701.D

Acq: 29 Aug 2025 15:51

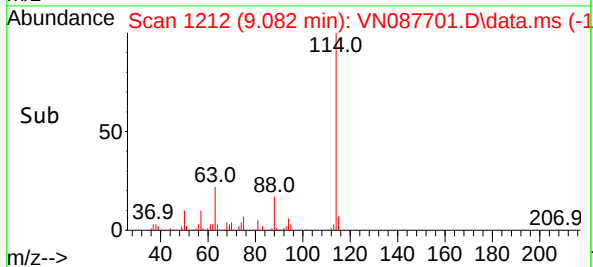
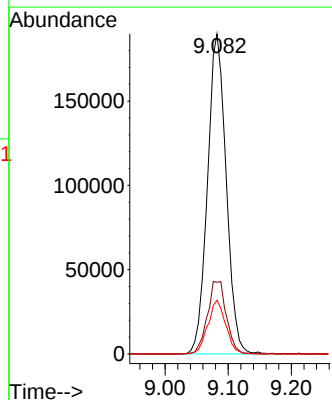
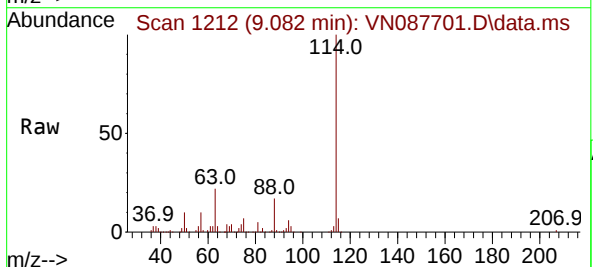
Tgt Ion: 114 Resp: 390248

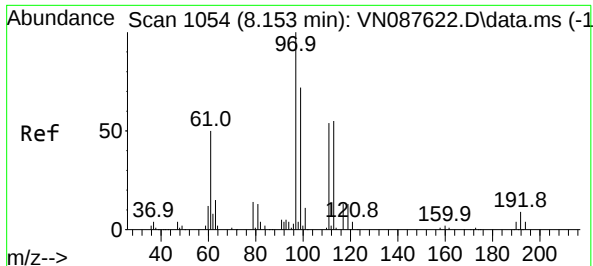
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.2

88 16.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.583 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

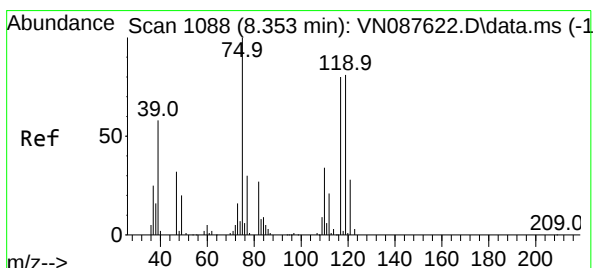
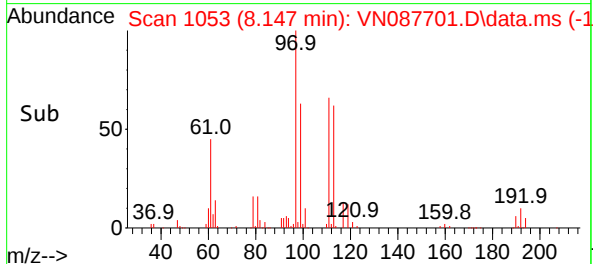
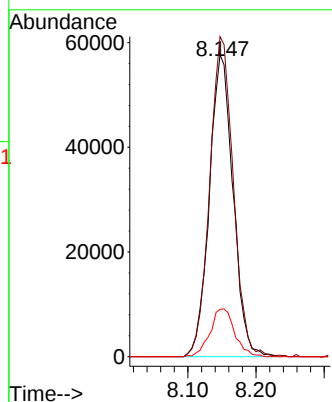
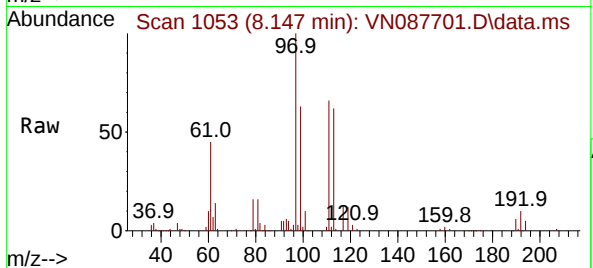
Tgt Ion:113 Resp: 139705

Ion Ratio Lower Upper

113 100

111 105.2 82.8 124.2

192 16.4 12.8 19.2



#36

1,1-Dichloropropene

Concen: 41.784 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

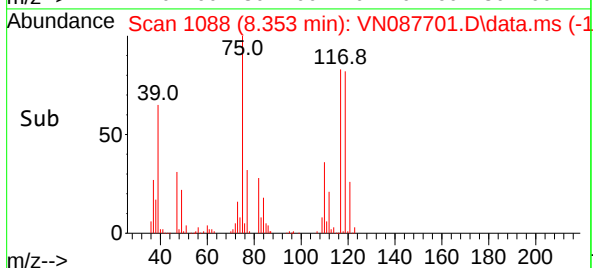
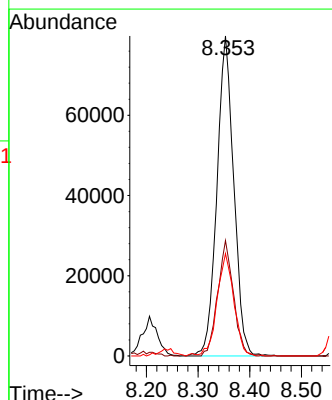
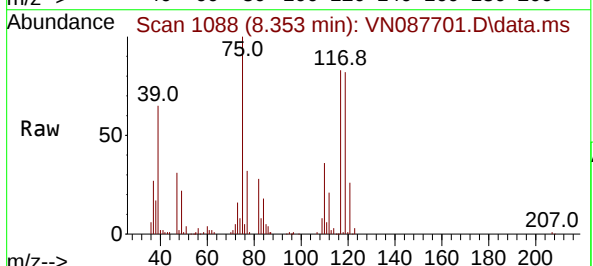
Tgt Ion: 75 Resp: 180610

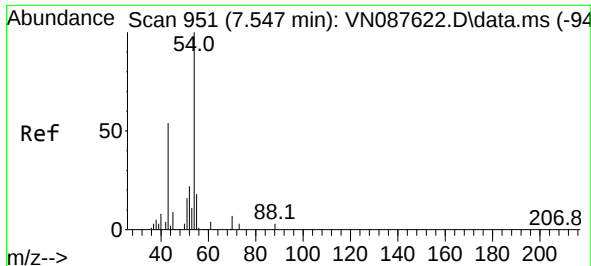
Ion Ratio Lower Upper

75 100

110 33.8 15.9 47.6

77 31.7 24.4 36.6





#37

Ethyl Acetate

Concen: 52.117 ug/l

RT: 7.547 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

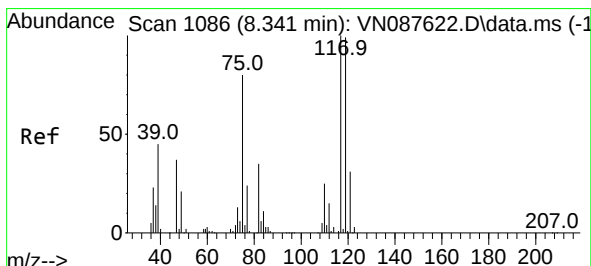
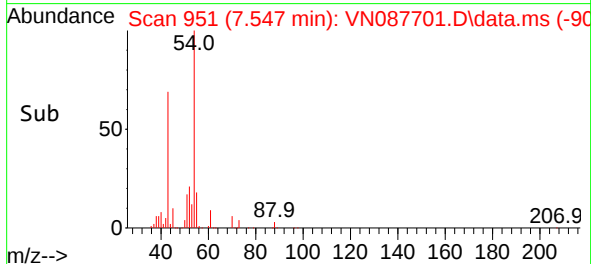
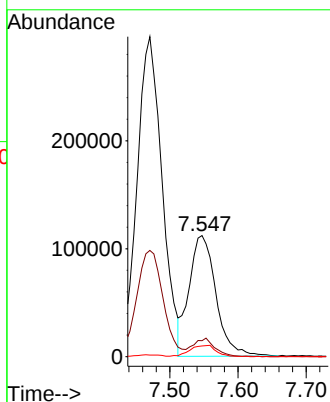
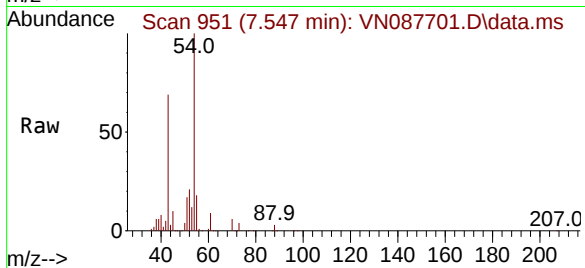
Tgt Ion: 43 Resp: 307836

Ion Ratio Lower Upper

43 100

61 12.3 9.3 13.9

70 9.1 7.0 10.6



#38

Carbon Tetrachloride

Concen: 45.673 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

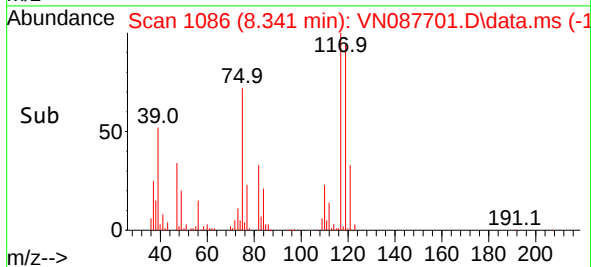
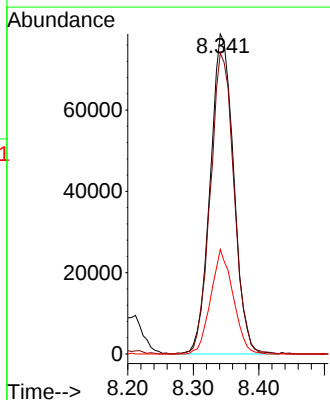
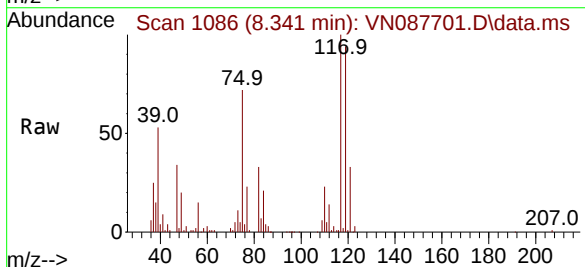
Tgt Ion: 117 Resp: 194921

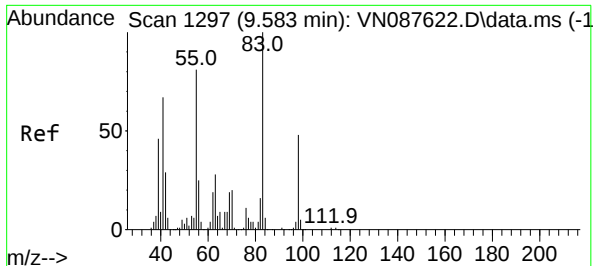
Ion Ratio Lower Upper

117 100

119 94.1 79.0 118.6

121 32.6 25.0 37.6





#39

Methylcyclohexane

Concen: 42.558 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

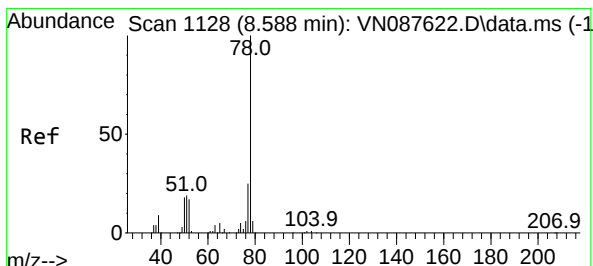
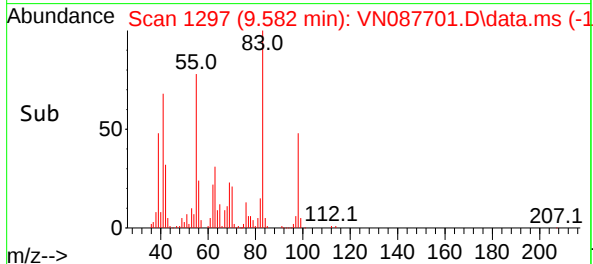
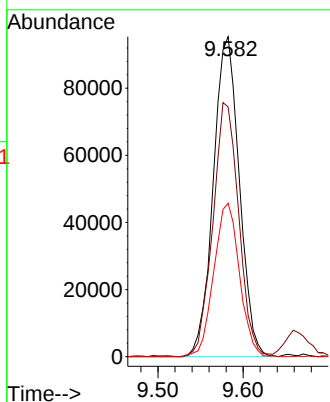
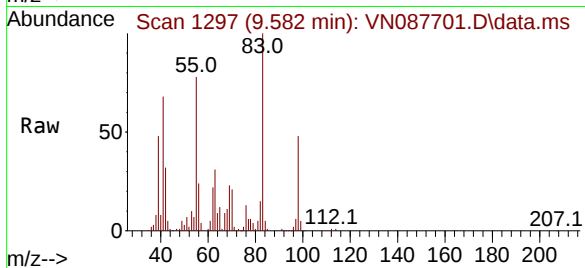
Tgt Ion: 83 Resp: 202528

Ion Ratio Lower Upper

83 100

55 78.1 64.6 96.8

98 47.9 38.4 57.6



#40

Benzene

Concen: 47.454 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087701.D

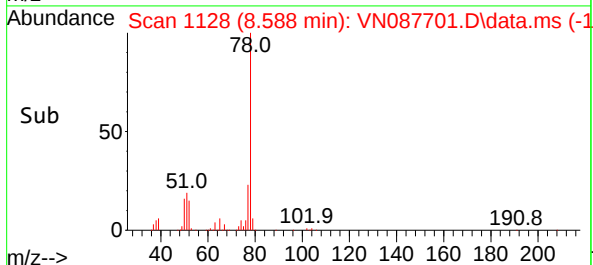
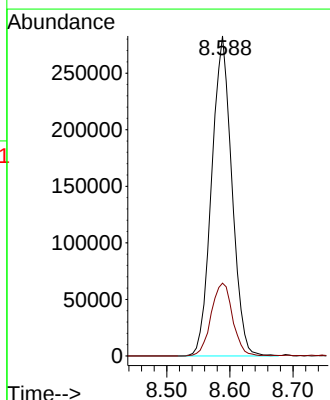
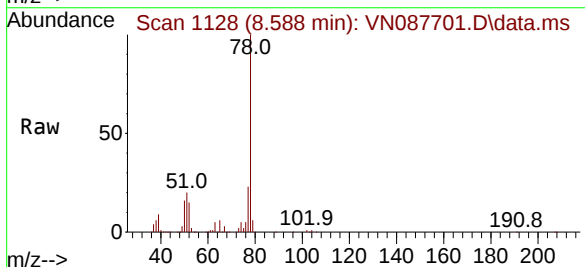
Acq: 29 Aug 2025 15:51

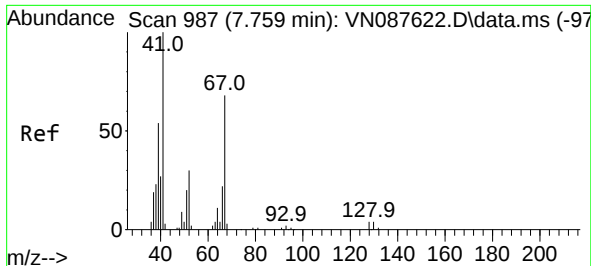
Tgt Ion: 78 Resp: 629140

Ion Ratio Lower Upper

78 100

77 22.8 19.7 29.5

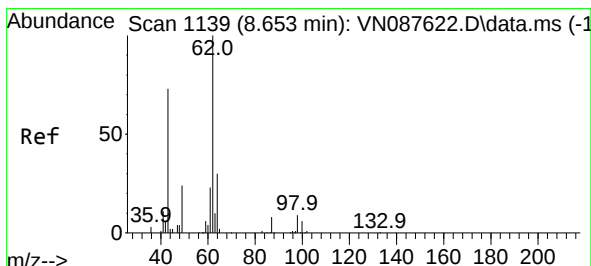
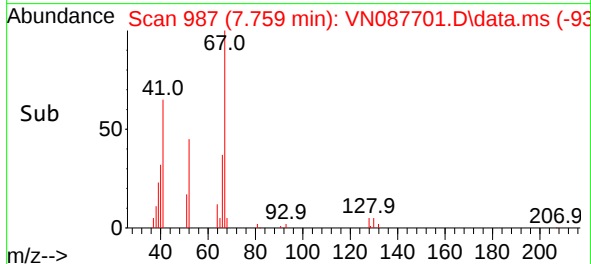
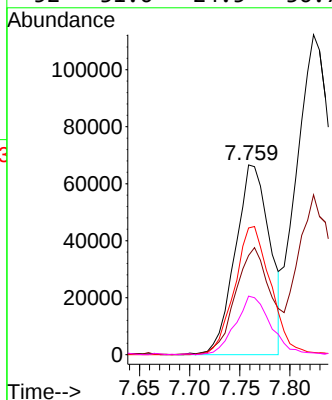
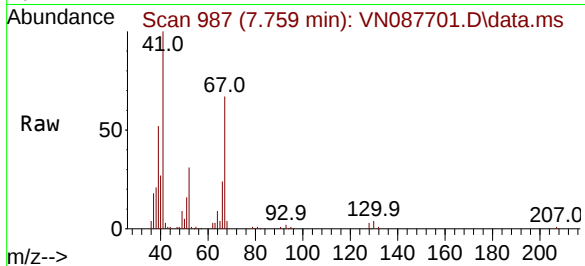




#41
Methacrylonitrile
Concen: 52.223 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

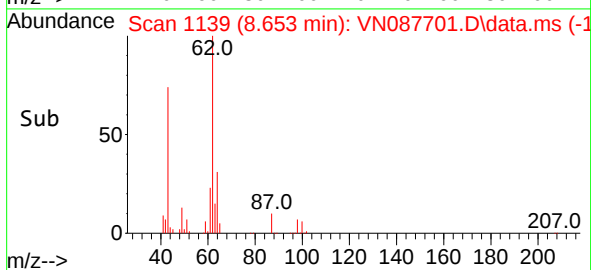
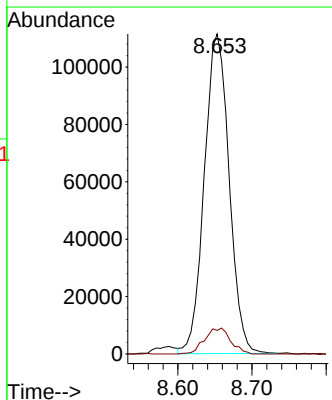
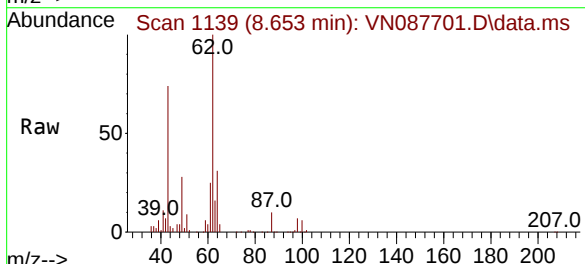
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

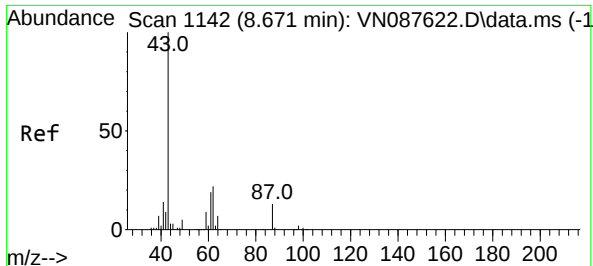
Tgt Ion:	41	Resp:	159784
Ion	Ratio	Lower	Upper
41	100		
39	59.4	45.4	68.0
67	71.0	55.3	82.9
52	31.6	24.5	36.7



#42
1,2-Dichloroethane
Concen: 50.852 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion:	62	Resp:	259075
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.4

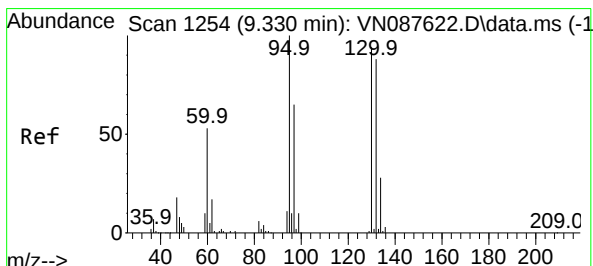
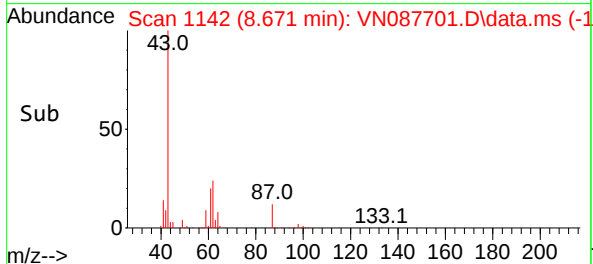
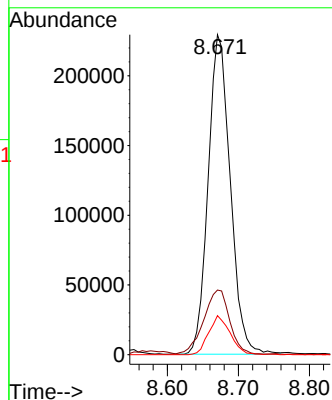
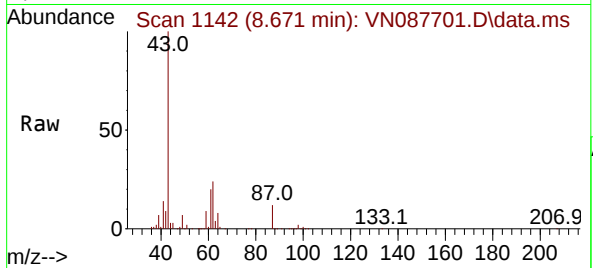




#43
Isopropyl Acetate
Concen: 53.856 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

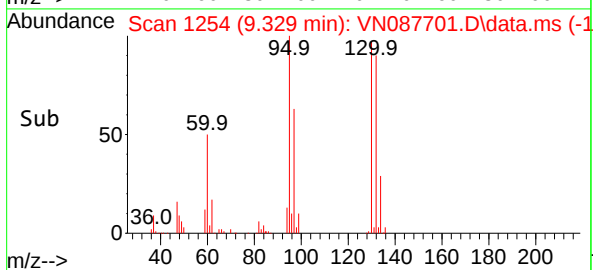
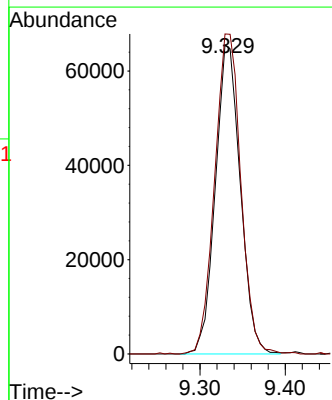
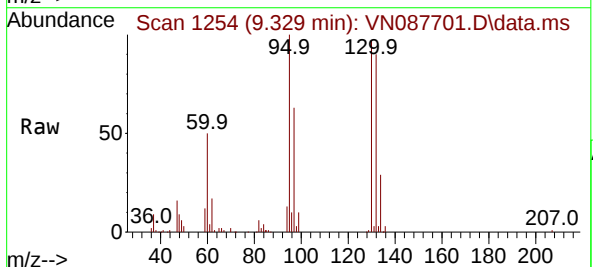
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

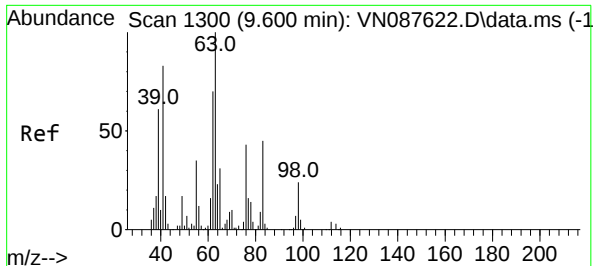
Tgt Ion: 43 Resp: 496648
Ion Ratio Lower Upper
43 100
61 23.6 18.8 28.2
87 11.8 9.6 14.4



#44
Trichloroethene
Concen: 44.117 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion:130 Resp: 133535
Ion Ratio Lower Upper
130 100
95 103.5 0.0 212.0





#45

1,2-Dichloropropane

Concen: 48.336 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

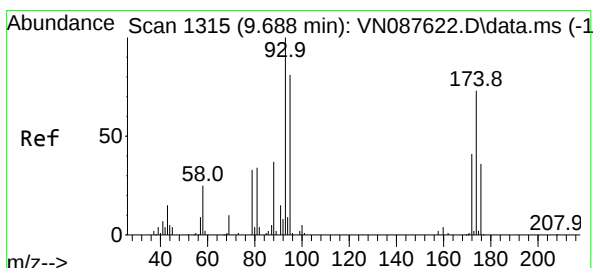
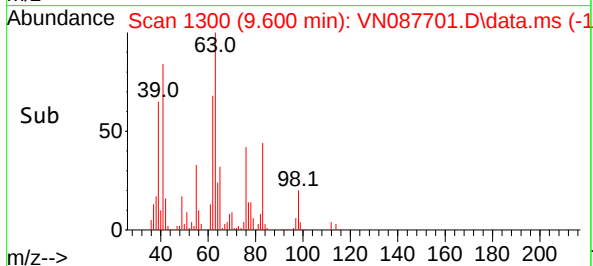
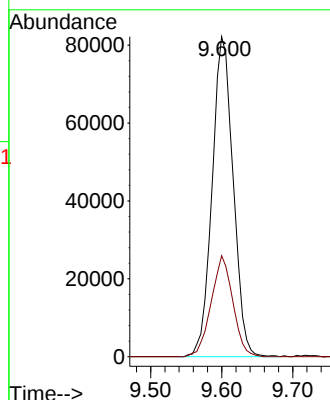
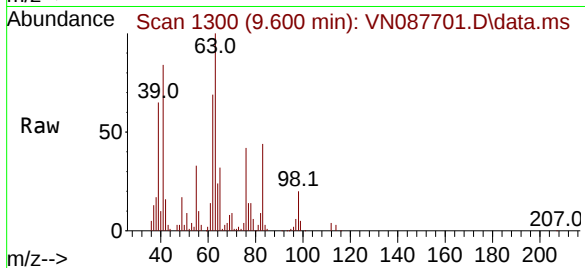
VSTDCCC050EC

Tgt Ion: 63 Resp: 168917

Ion Ratio Lower Upper

63 100

65 31.6 25.0 37.4



#46

Dibromomethane

Concen: 51.940 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

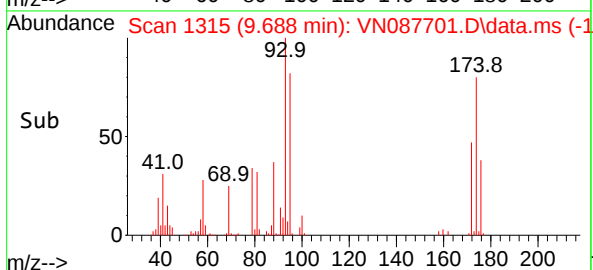
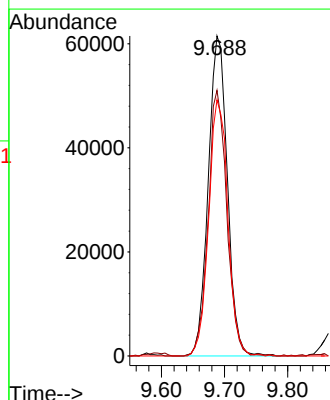
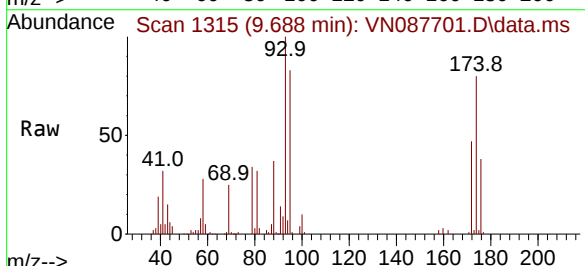
Tgt Ion: 93 Resp: 129165

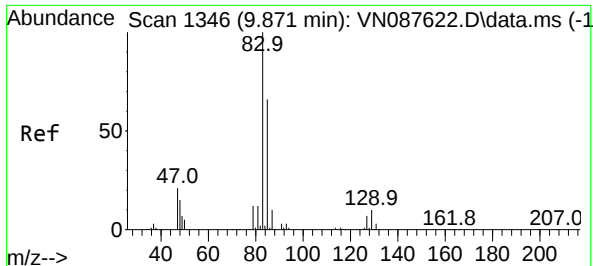
Ion Ratio Lower Upper

93 100

95 81.4 66.2 99.4

174 80.8 63.4 95.2





#47

Bromodichloromethane

Concen: 50.925 ug/l

RT: 9.865 min Scan# 1346

Delta R.T. -0.006 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

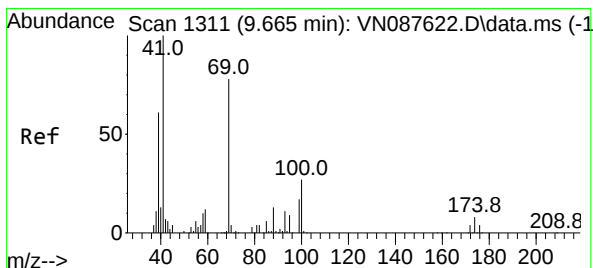
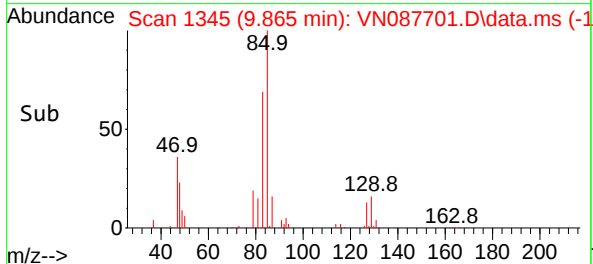
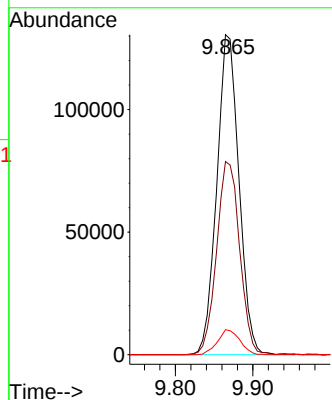
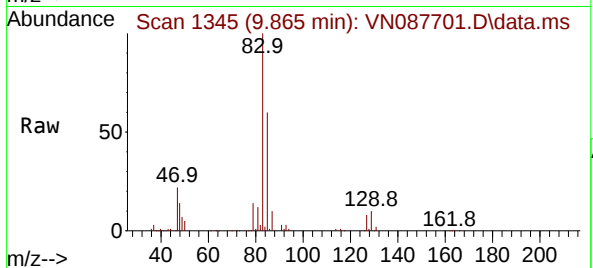
Tgt Ion: 83 Resp: 259548

Ion Ratio Lower Upper

83 100

85 60.3 52.5 78.7

127 7.8 5.8 8.6



#48

Methyl methacrylate

Concen: 52.490 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

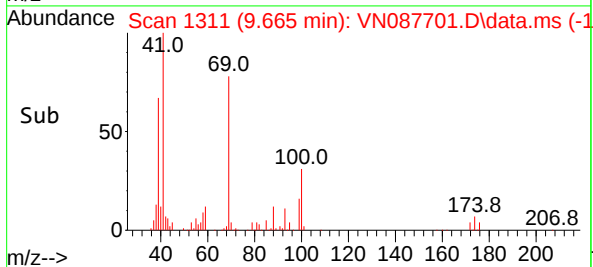
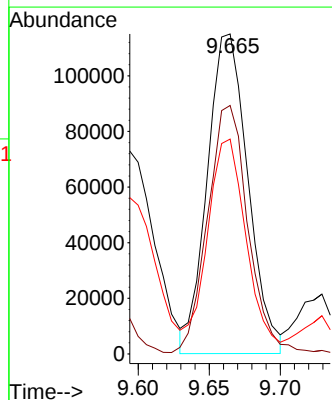
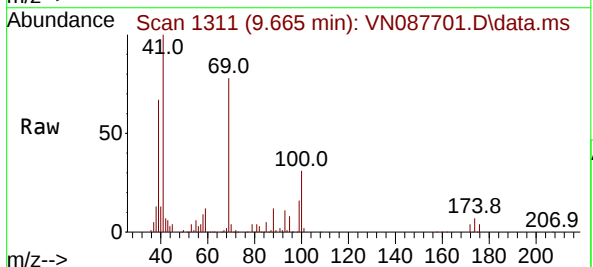
Tgt Ion: 41 Resp: 228958

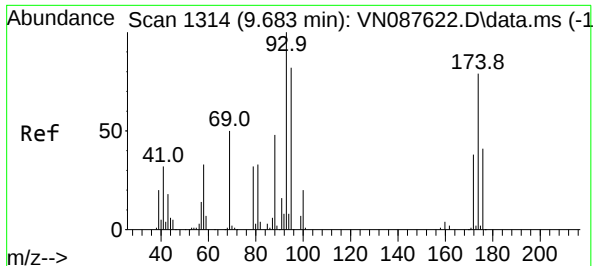
Ion Ratio Lower Upper

41 100

69 77.4 62.7 94.1

39 64.9 52.9 79.3





#49

1,4-Dioxane

Concen: 1152.731 ug/l

RT: 9.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

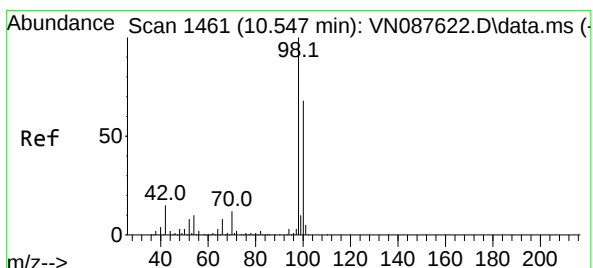
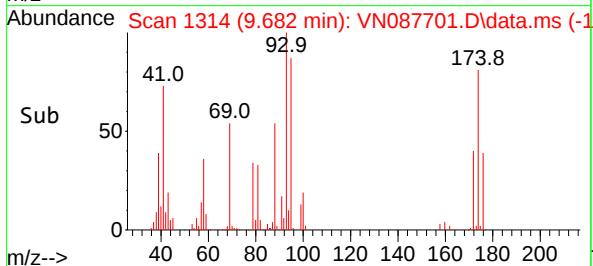
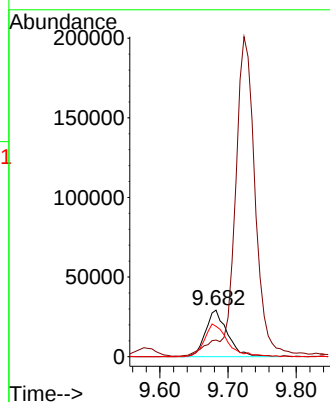
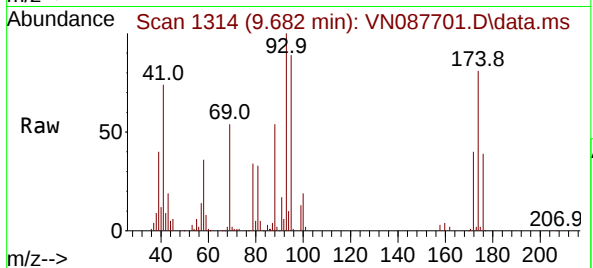
Tgt Ion: 88 Resp: 65172

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 74.5 57.9 86.9



#50

Toluene-d8

Concen: 45.845 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087701.D

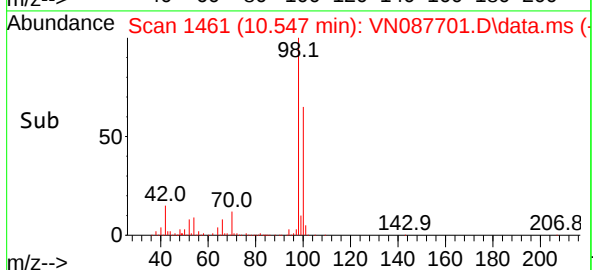
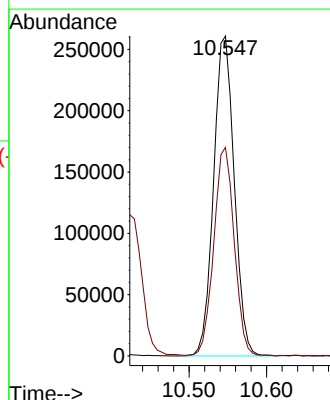
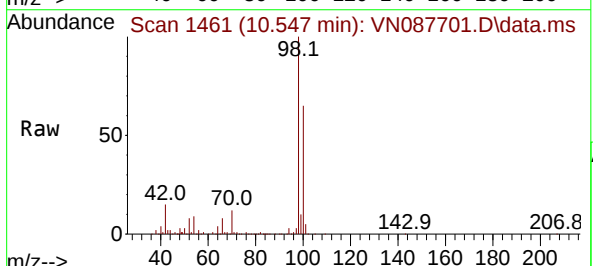
Acq: 29 Aug 2025 15:51

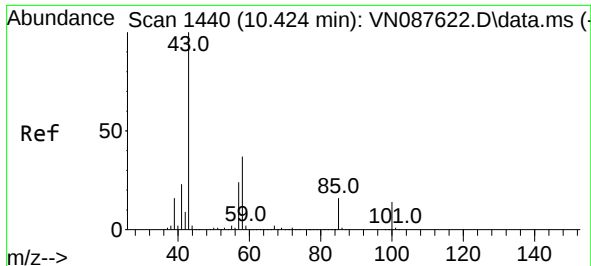
Tgt Ion: 98 Resp: 483463

Ion Ratio Lower Upper

98 100

100 64.6 52.8 79.2

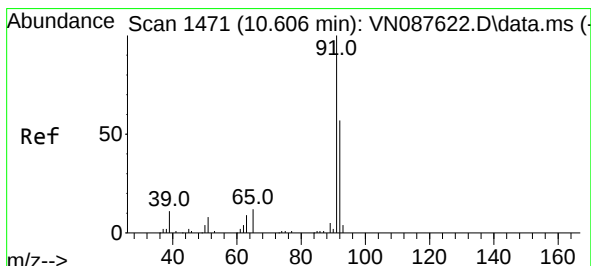
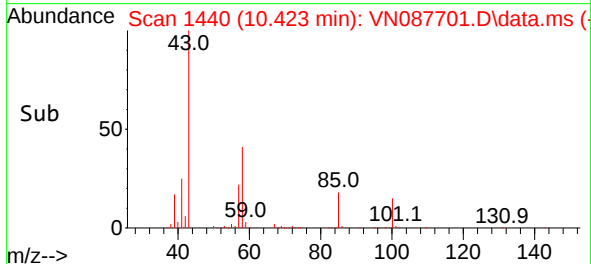
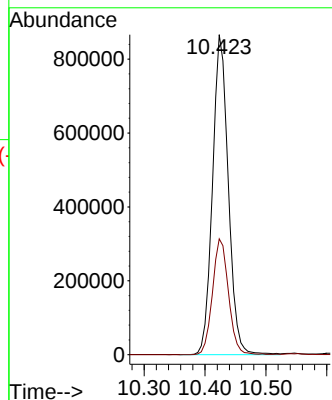
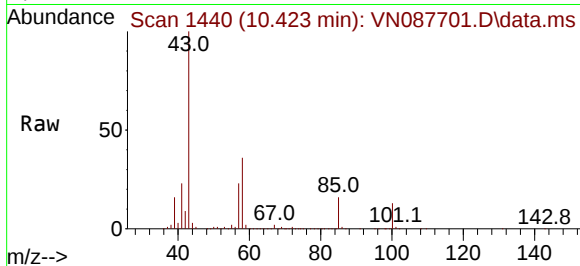




#51
4-Methyl-2-Pentanone
Concen: 279.555 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

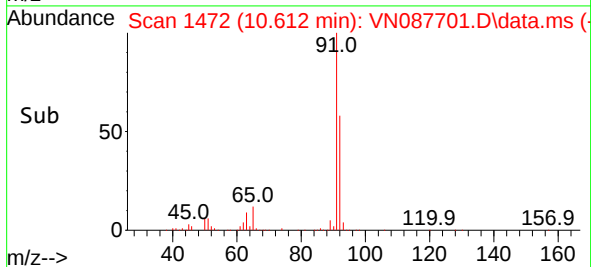
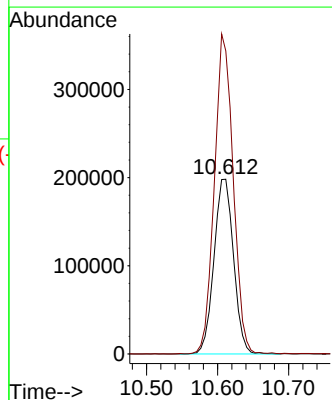
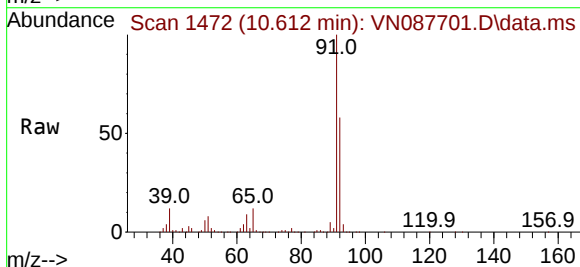
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

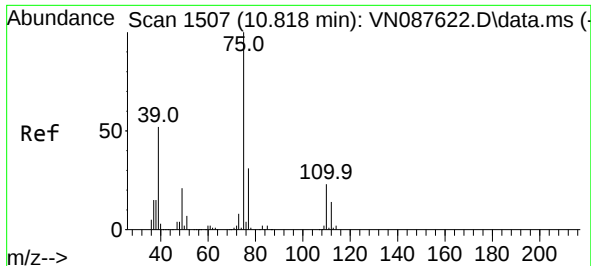
Tgt Ion: 43 Resp: 1555414
Ion Ratio Lower Upper
43 100
58 36.8 29.6 44.4



#52
Toluene
Concen: 46.043 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 92 Resp: 378430
Ion Ratio Lower Upper
92 100
91 175.7 140.4 210.6

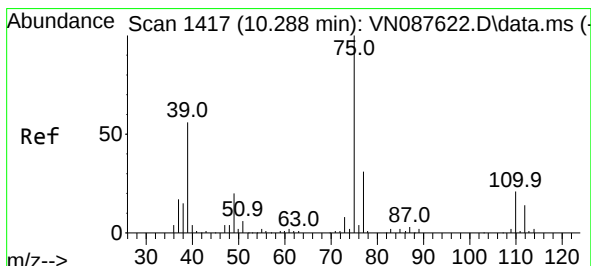
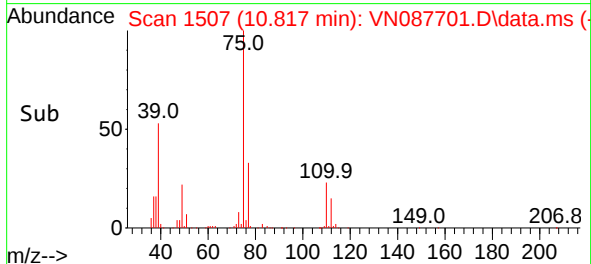
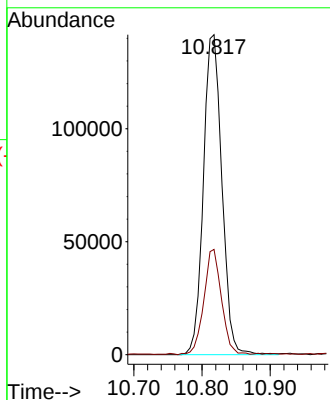
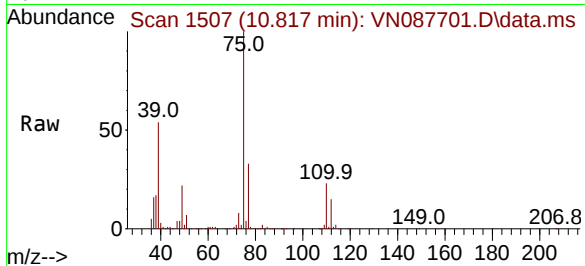




#53
t-1,3-Dichloropropene
Concen: 50.660 ug/l
RT: 10.817 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

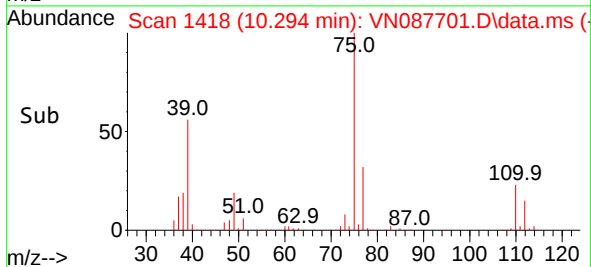
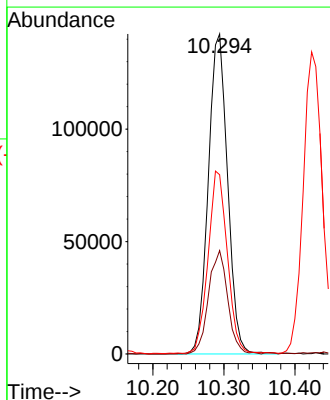
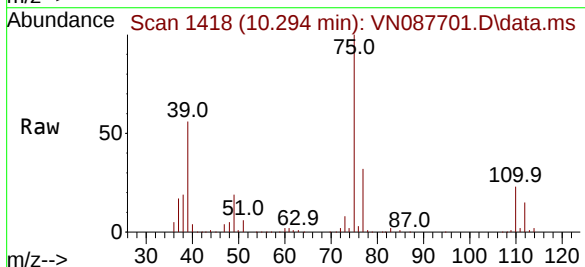
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

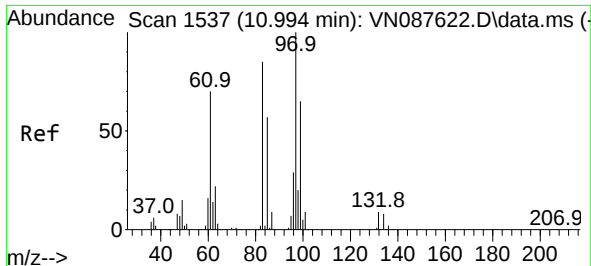
Tgt Ion: 75 Resp: 267259
Ion Ratio Lower Upper
75 100
77 32.9 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 48.852 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 75 Resp: 267601
Ion Ratio Lower Upper
75 100
77 32.3 24.6 37.0
39 55.8 45.2 67.8

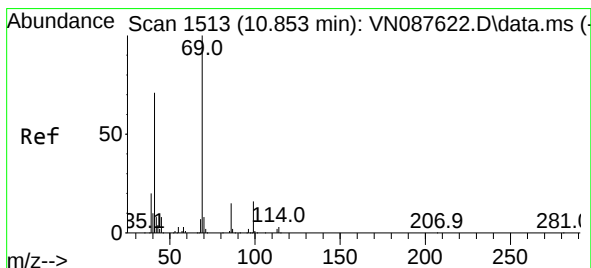
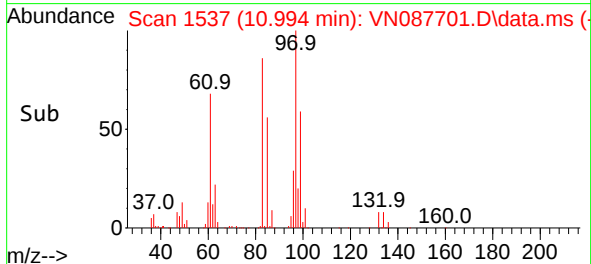
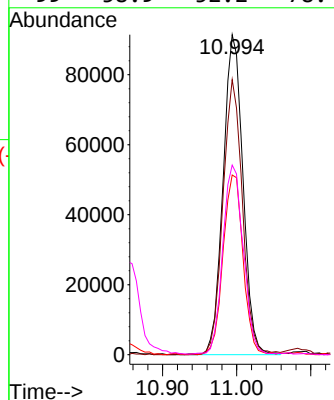
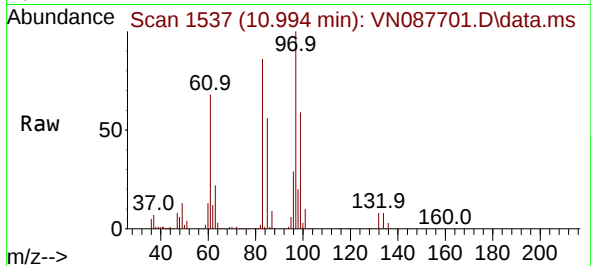




#55
 1,1,2-Trichloroethane
 Concen: 53.500 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087701.D
 Acq: 29 Aug 2025 15:51

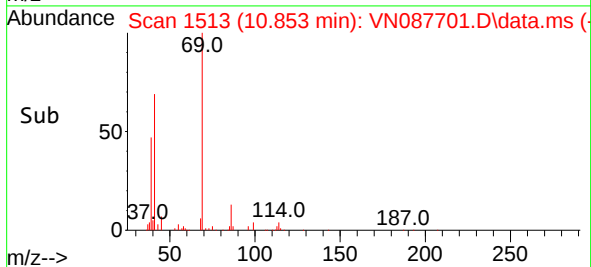
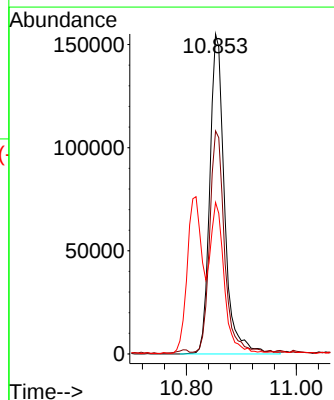
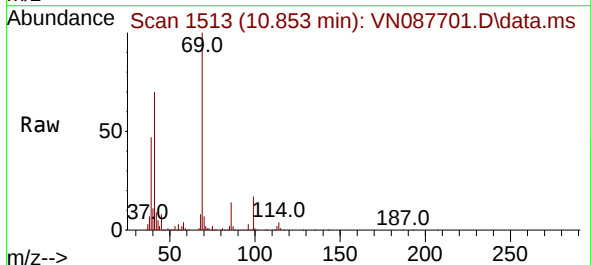
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

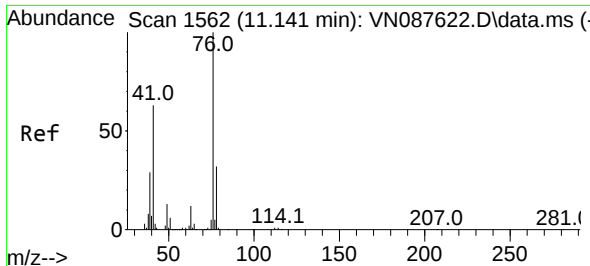
Tgt Ion:	97	Resp:	170105
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.2	102.4
85	56.2	45.5	68.3
99	58.9	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 56.984 ug/l
 RT: 10.853 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN087701.D
 Acq: 29 Aug 2025 15:51

Tgt Ion:	69	Resp:	289551
Ion	Ratio	Lower	Upper
69	100		
41	68.8	56.5	84.7
39	44.4	34.2	51.4





#57

1,3-Dichloropropane

Concen: 51.715 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

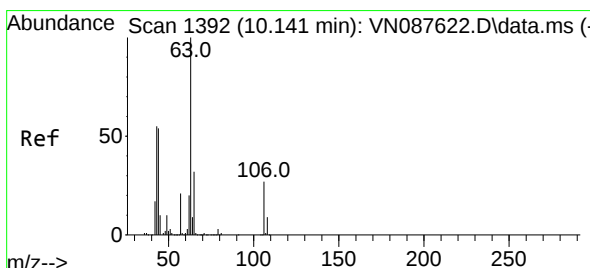
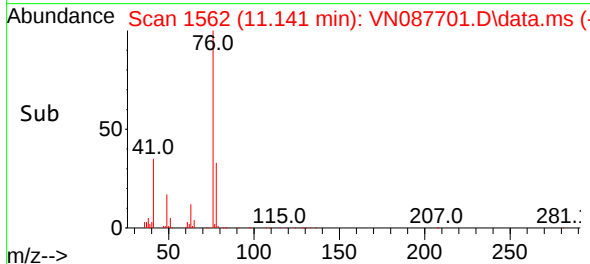
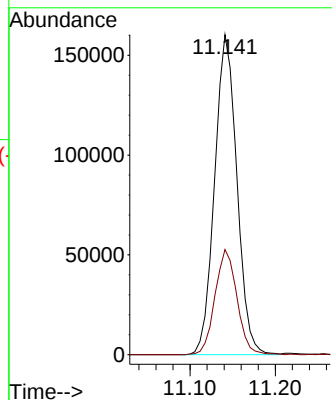
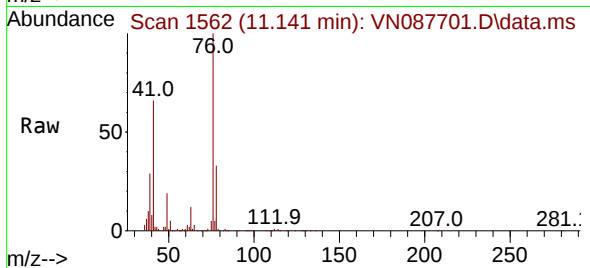
VSTDCCC050EC

Tgt Ion: 76 Resp: 291003

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 280.500 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087701.D

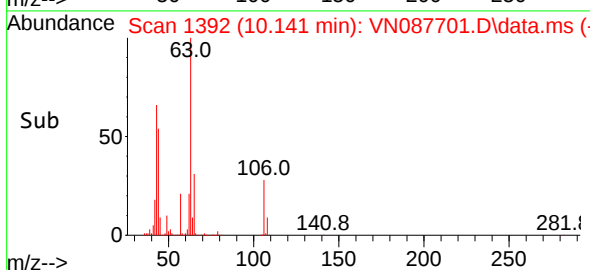
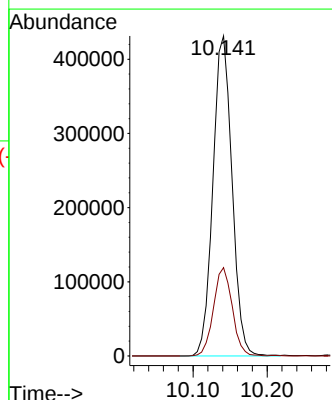
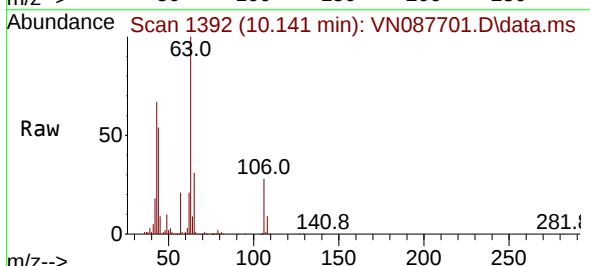
Acq: 29 Aug 2025 15:51

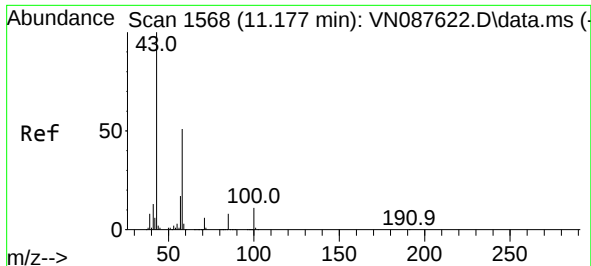
Tgt Ion: 63 Resp: 771445

Ion Ratio Lower Upper

63 100

106 27.1 21.1 31.7

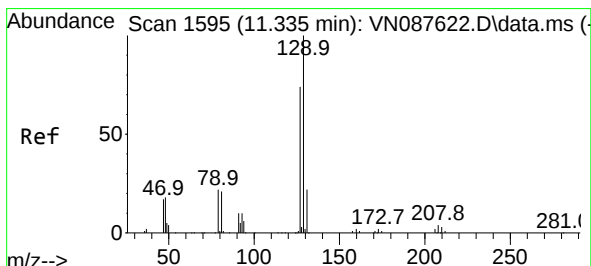
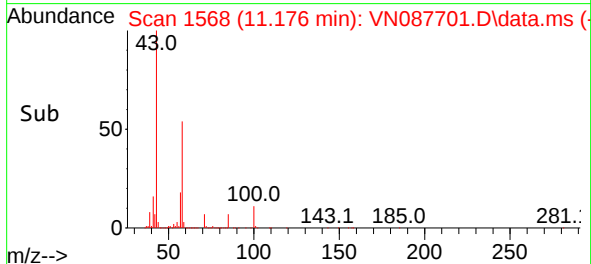
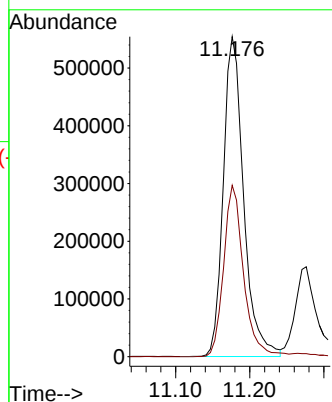
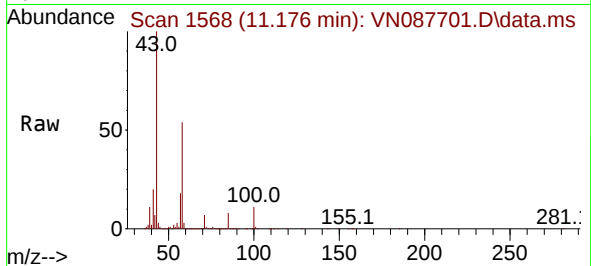




#59
2-Hexanone
Concen: 300.077 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

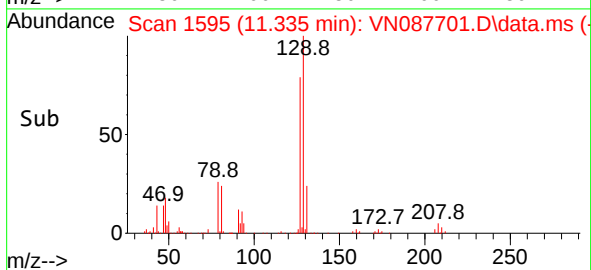
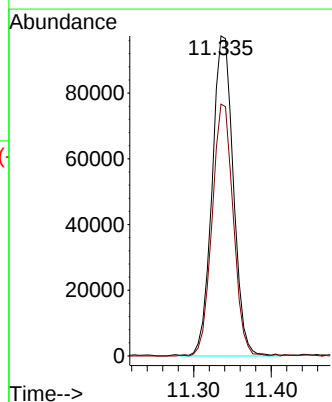
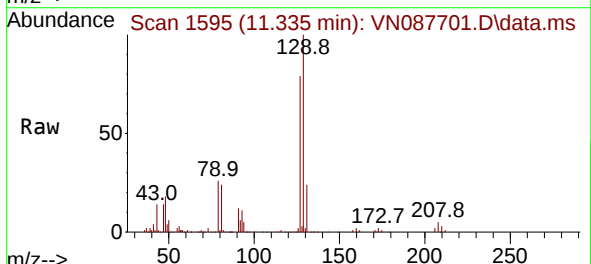
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

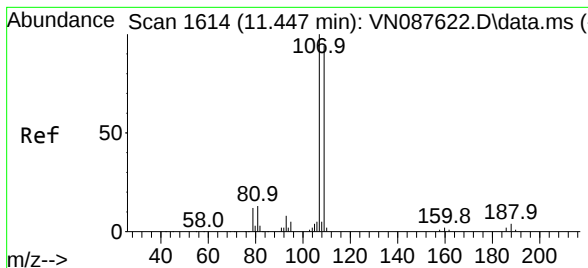
Tgt Ion: 43 Resp: 1055183
Ion Ratio Lower Upper
43 100
58 52.6 25.9 77.8



#60
Dibromochloromethane
Concen: 50.268 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 129 Resp: 185190
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.3

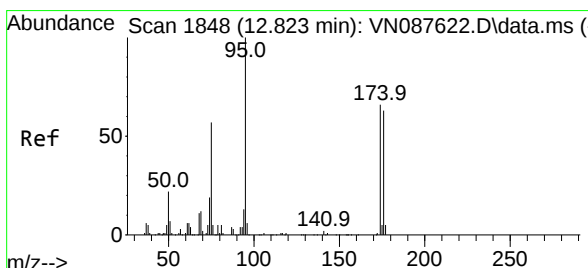
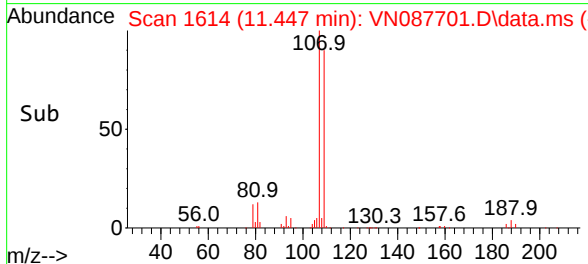
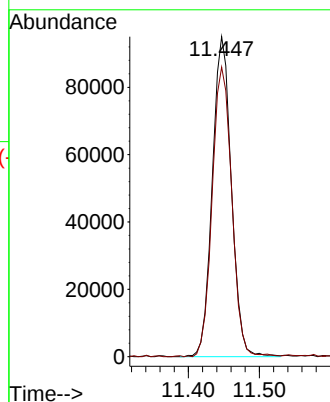
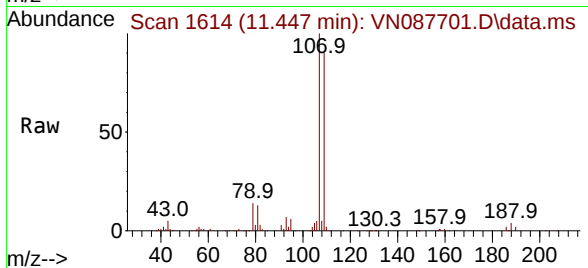




#61
1,2-Dibromoethane
Concen: 52.647 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

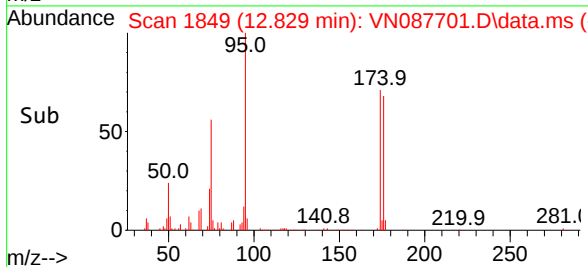
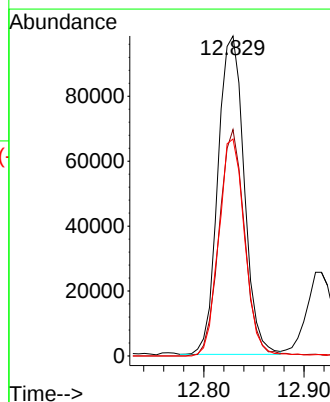
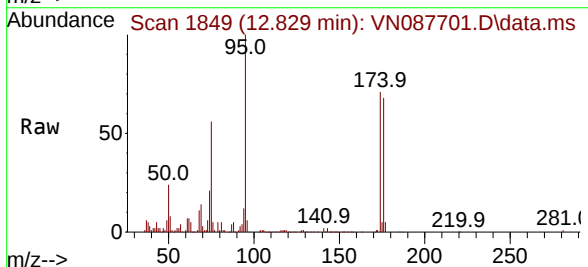
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

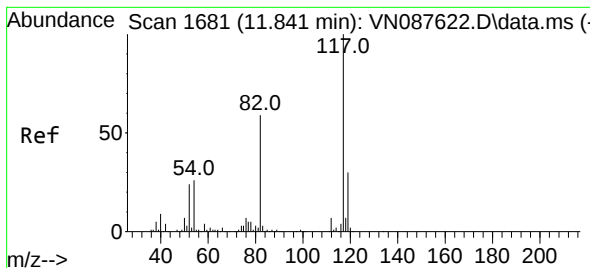
Tgt Ion:107 Resp: 176505
Ion Ratio Lower Upper
107 100
109 93.3 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 47.529 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 95 Resp: 178252
Ion Ratio Lower Upper
95 100
174 69.1 0.0 138.4
176 67.7 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

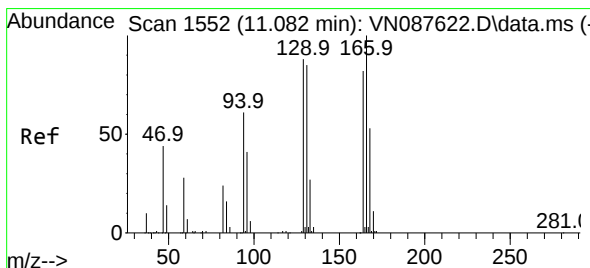
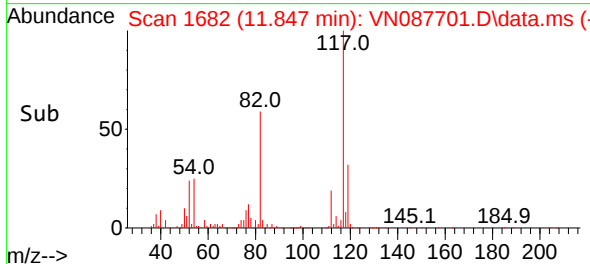
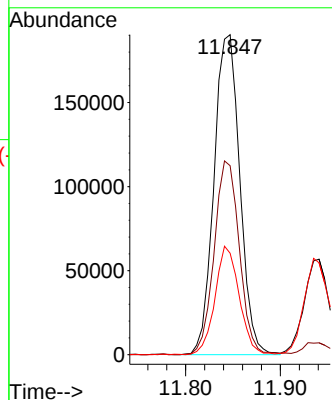
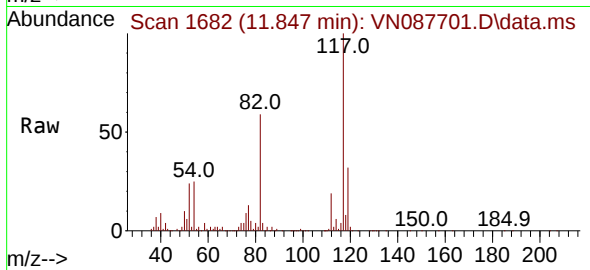
Tgt Ion:117 Resp: 361165

Ion Ratio Lower Upper

117 100

82 59.1 47.4 71.2

119 31.6 24.3 36.5



#64

Tetrachloroethene

Concen: 42.650 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

Tgt Ion:164 Resp: 106870

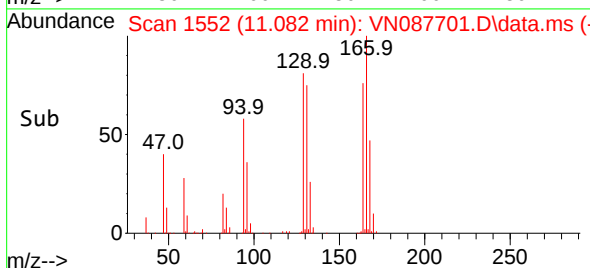
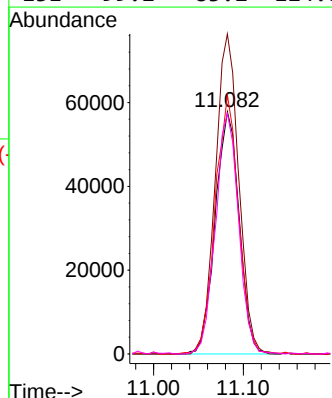
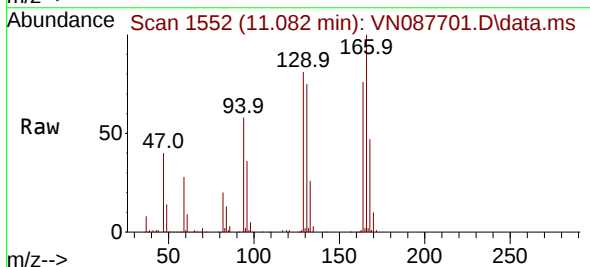
Ion Ratio Lower Upper

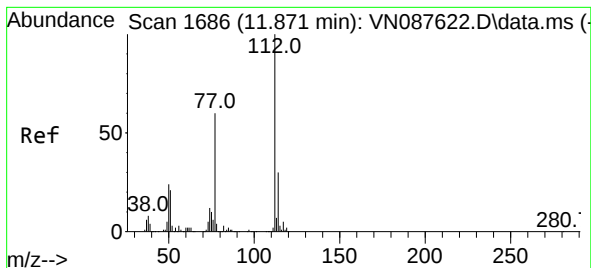
164 100

166 132.1 97.7 146.5

129 106.5 85.9 128.9

131 99.2 83.2 124.8





#65

Chlorobenzene

Concen: 46.440 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

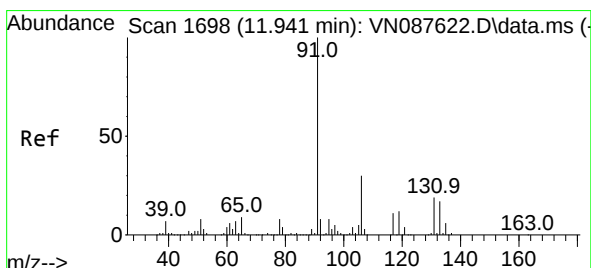
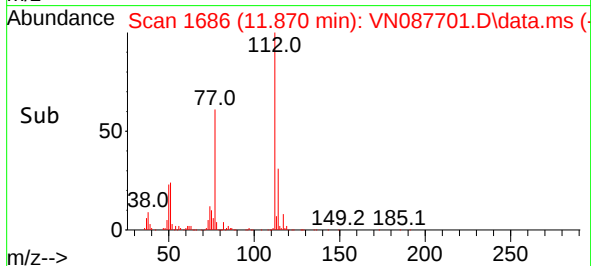
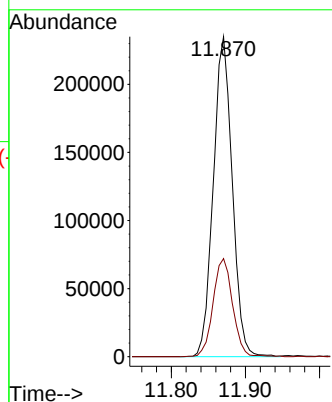
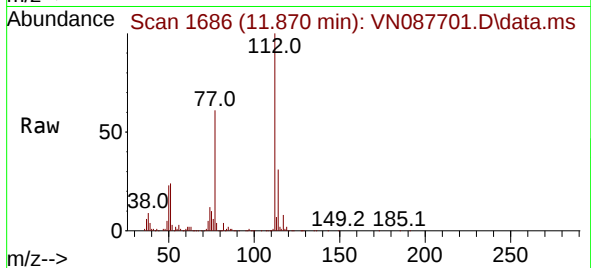
VSTDCCC050EC

Tgt Ion:112 Resp: 417277

Ion Ratio Lower Upper

112 100

114 30.7 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 51.117 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

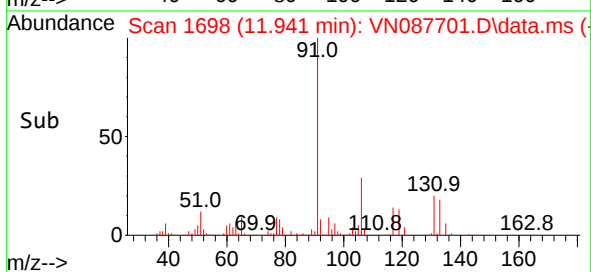
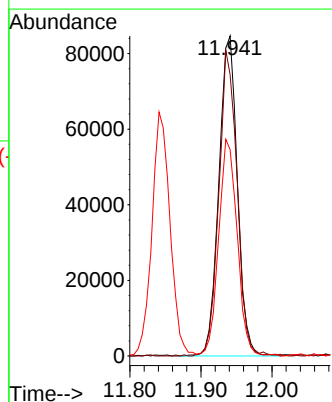
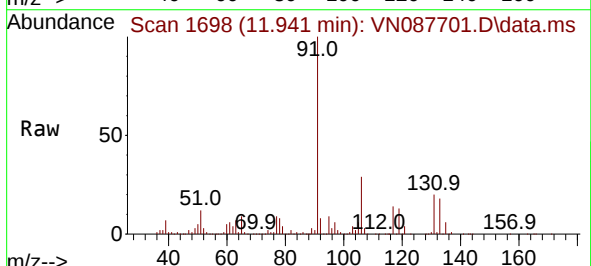
Tgt Ion:131 Resp: 152480

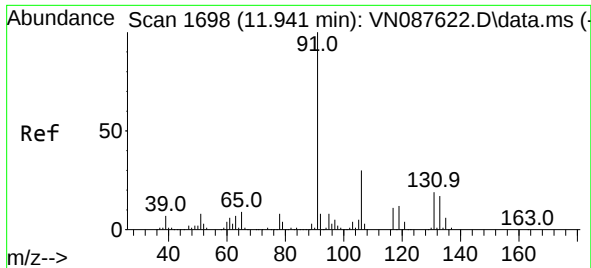
Ion Ratio Lower Upper

131 100

133 94.5 48.0 144.0

119 67.1 32.6 97.7

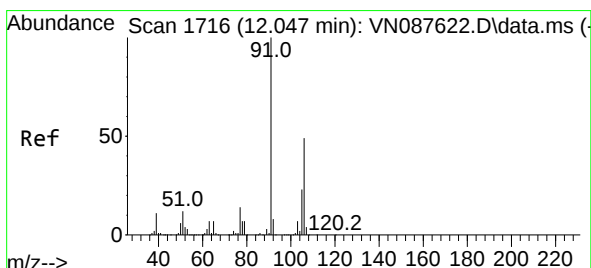
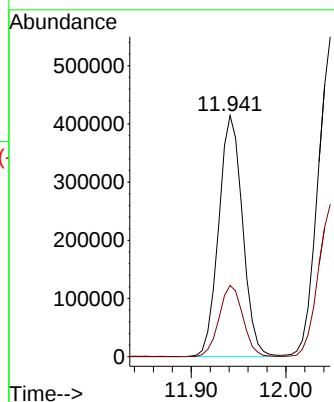
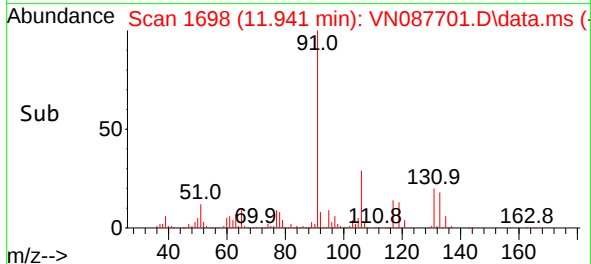
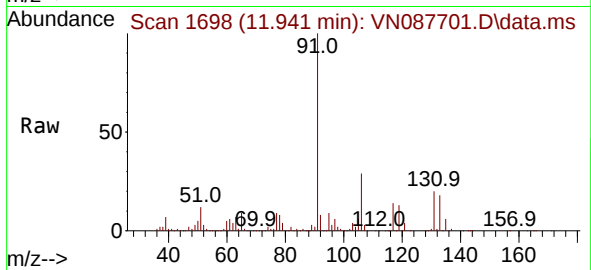




#67
Ethyl Benzene
Concen: 46.582 ug/l
RT: 11.941 min Scan# 1198
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

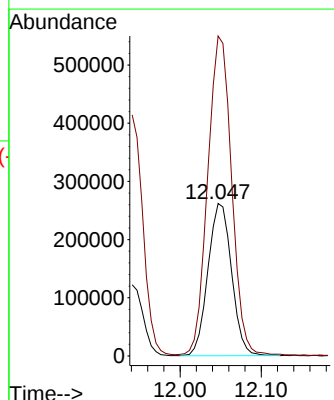
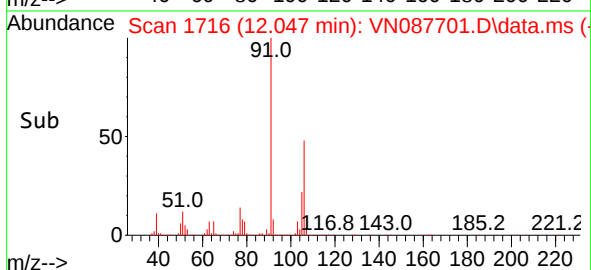
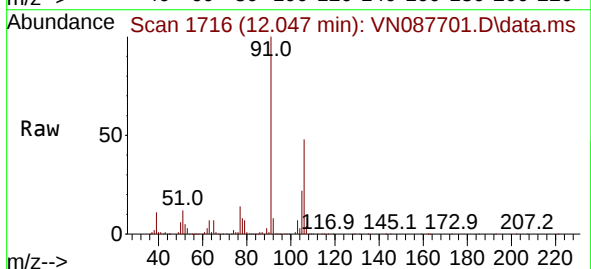
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

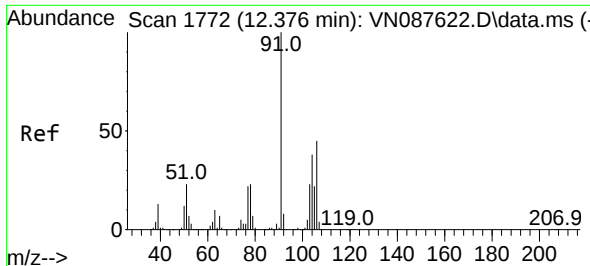
Tgt Ion: 91 Resp: 724680
Ion Ratio Lower Upper
91 100
106 29.5 24.1 36.1



#68
m/p-Xylenes
Concen: 92.660 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion:106 Resp: 528672
Ion Ratio Lower Upper
106 100
91 213.3 169.3 253.9

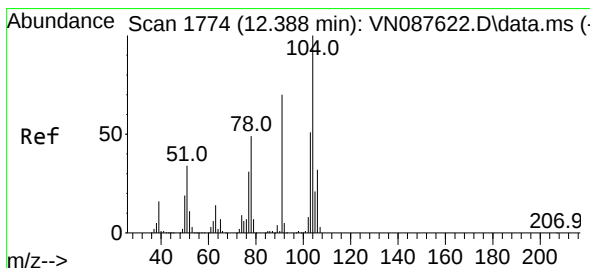
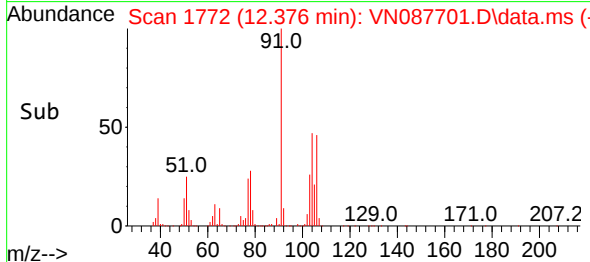
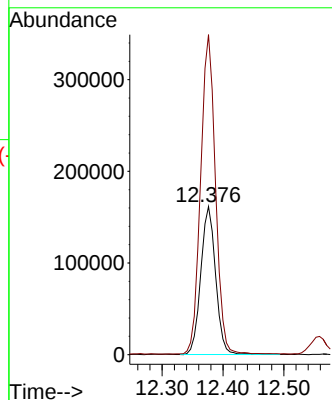
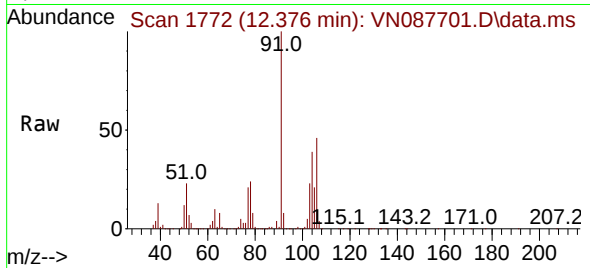




#69
o-Xylene
Concen: 48.904 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

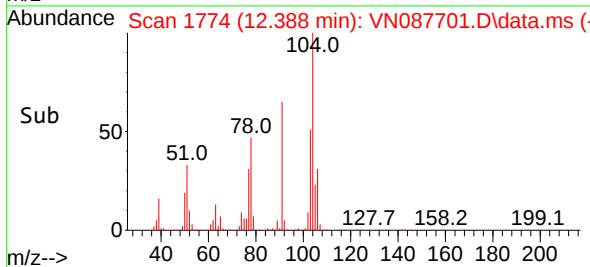
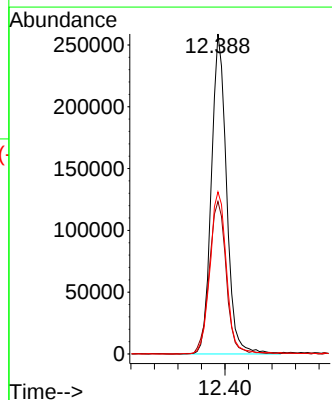
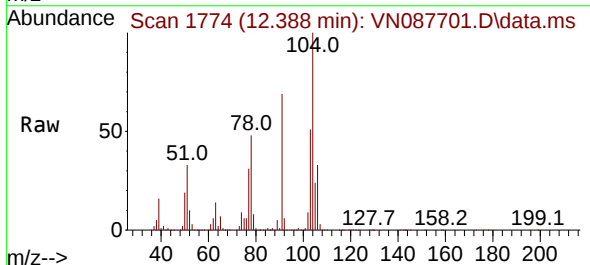
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

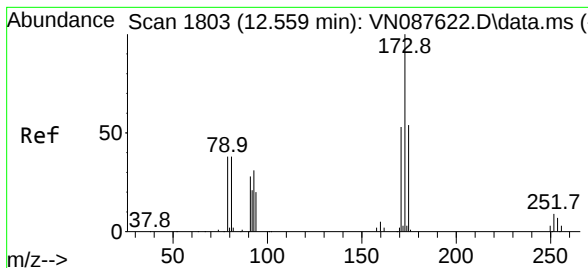
Tgt Ion:106 Resp: 273443
Ion Ratio Lower Upper
106 100
91 216.1 111.4 334.2



#70
Styrene
Concen: 49.592 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion:104 Resp: 464551
Ion Ratio Lower Upper
104 100
78 53.2 42.2 63.2
103 54.9 43.4 65.2





#71

Bromoform

Concen: 54.584 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

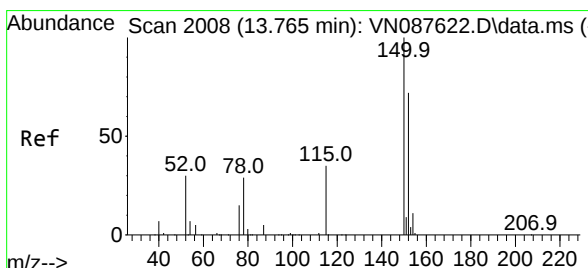
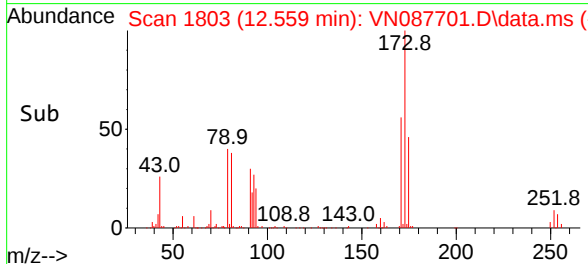
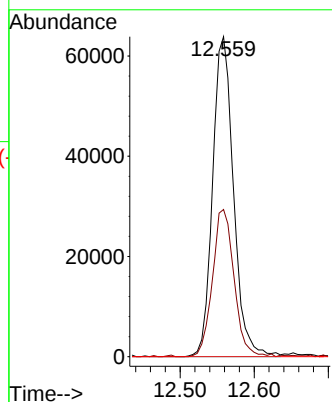
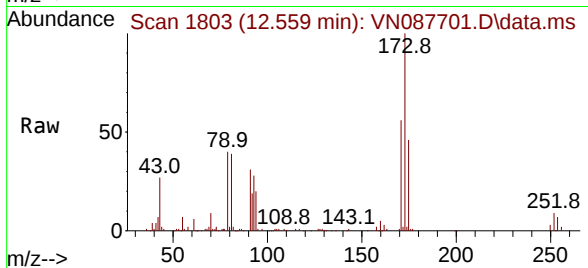
Tgt Ion:173 Resp: 124874

Ion Ratio Lower Upper

173 100

175 47.6 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: VN087701.D

Acq: 29 Aug 2025 15:51

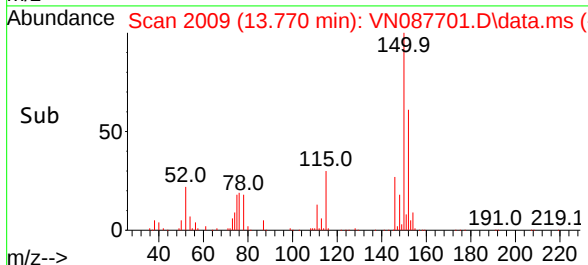
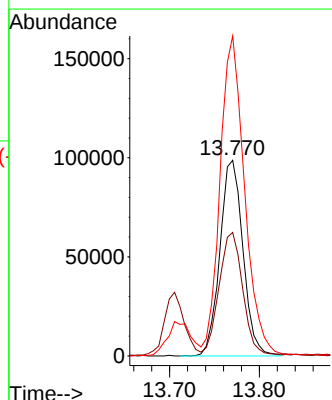
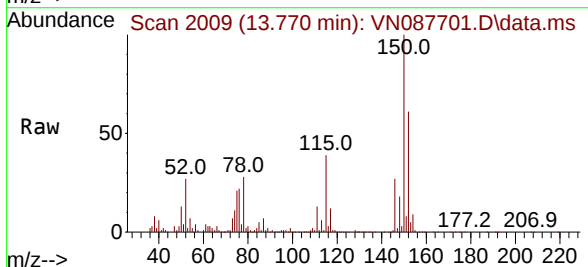
Tgt Ion:152 Resp: 176567

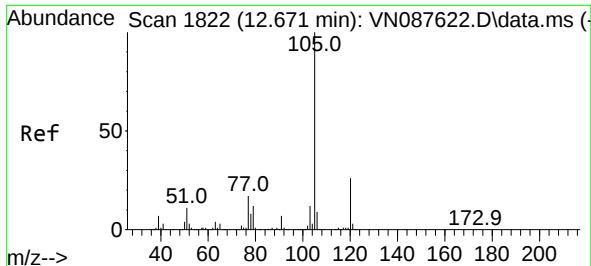
Ion Ratio Lower Upper

152 100

115 63.0 32.3 96.8

150 173.4 0.0 351.0

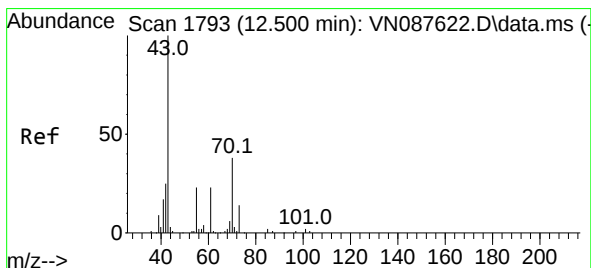
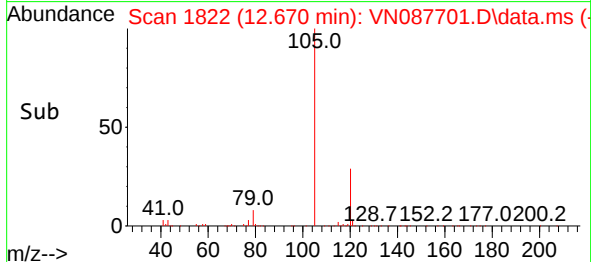
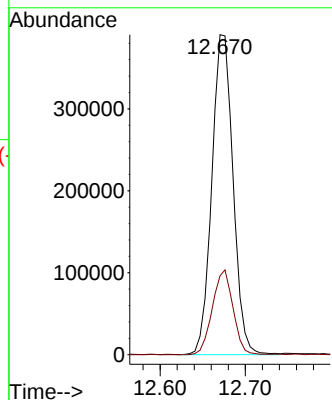
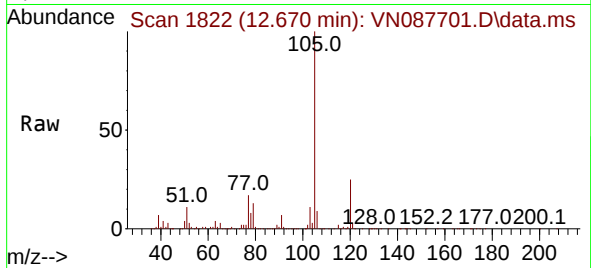




#73
Isopropylbenzene
Concen: 47.449 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

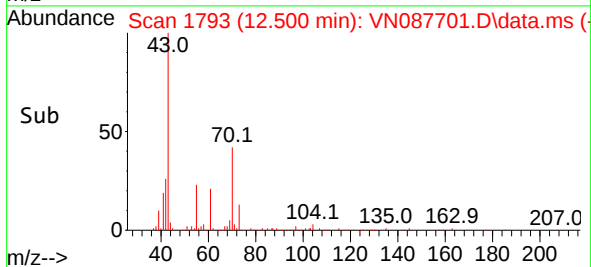
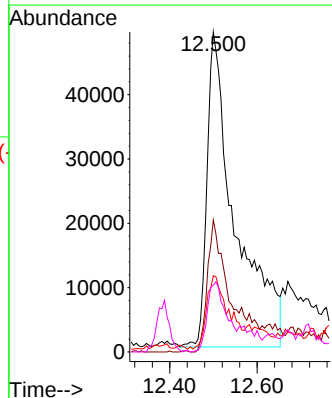
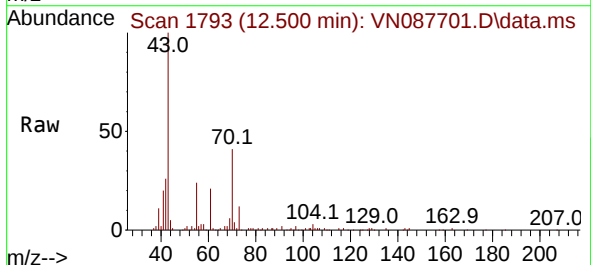
Instrument :
MSVOA_N
ClientSampleId :
VSTDC0050EC

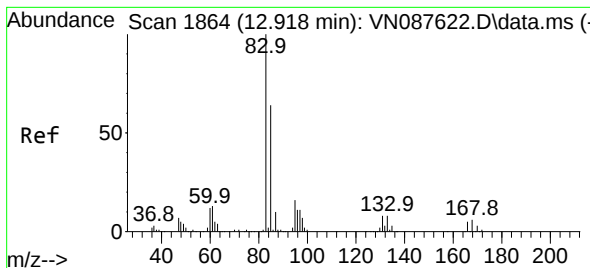
Tgt Ion:105 Resp: 676992
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.3



#74
N-ethyl acetate
Concen: 40.828 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 43 Resp: 220759
Ion Ratio Lower Upper
43 100
70 30.2 27.6 41.4
55 18.2 13.0 19.6
61 15.0 13.0 19.6

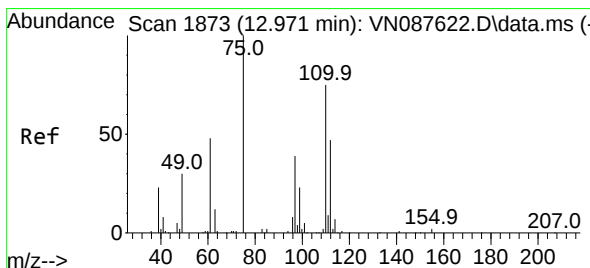
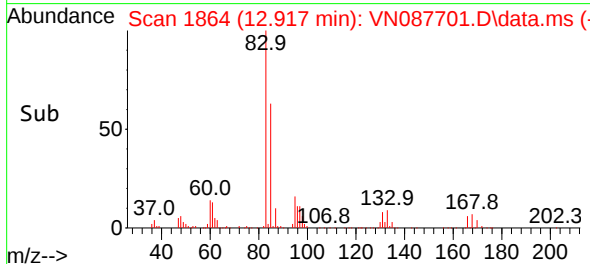
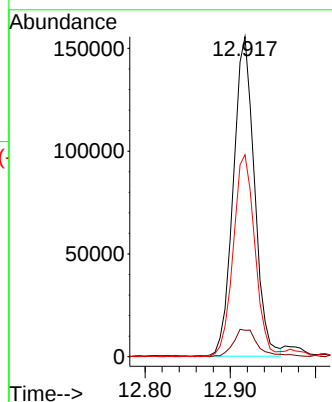
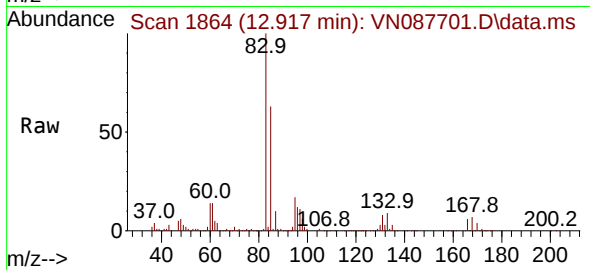




#75
1,1,2,2-Tetrachloroethane
Concen: 54.622 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

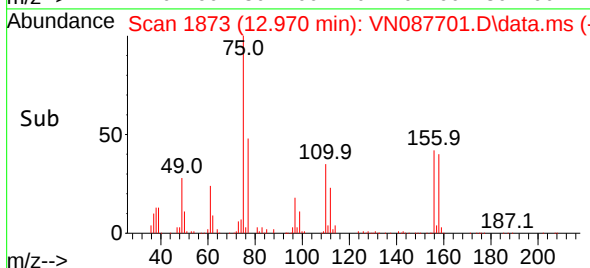
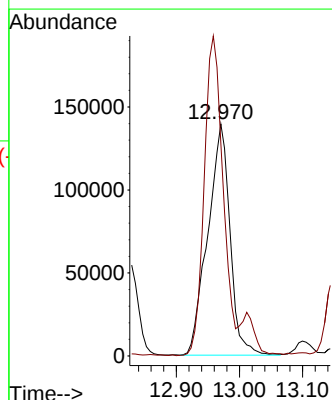
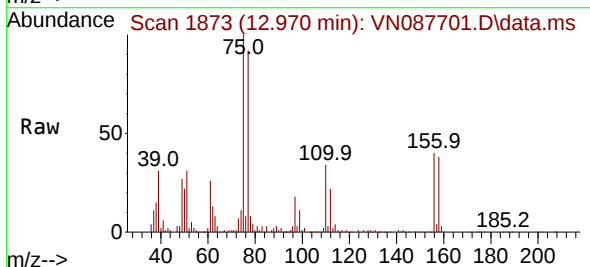
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

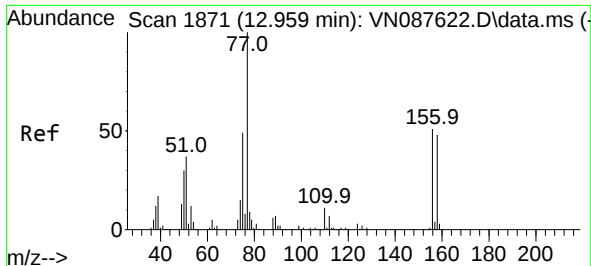
Tgt Ion: 83 Resp: 268312
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.4
85 64.8 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 82.235 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 75 Resp: 340502
Ion Ratio Lower Upper
75 100
77 118.1 89.1 267.4

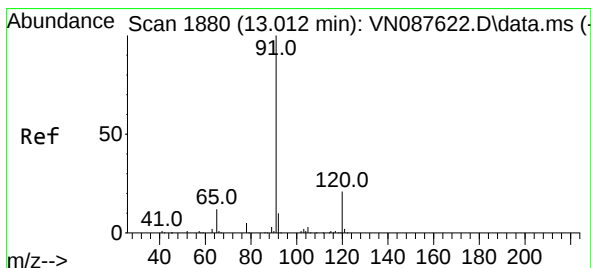
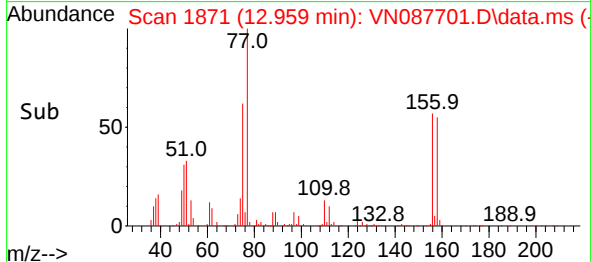
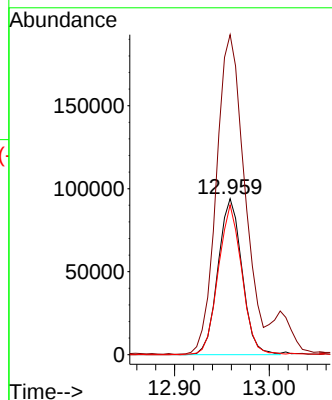
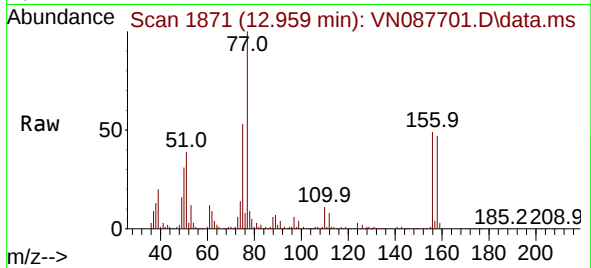




#77
Bromobenzene
Concen: 49.165 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

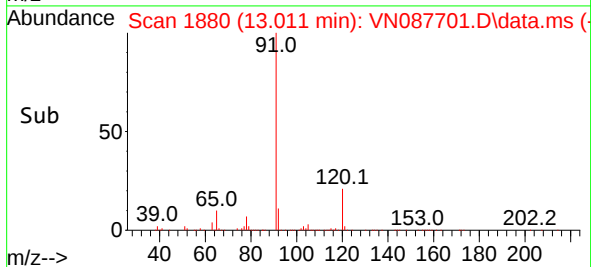
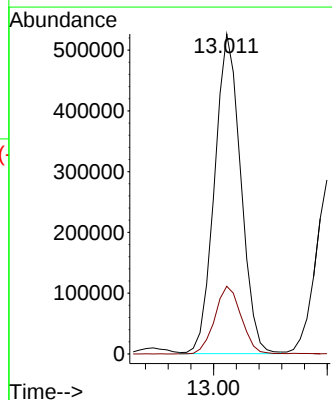
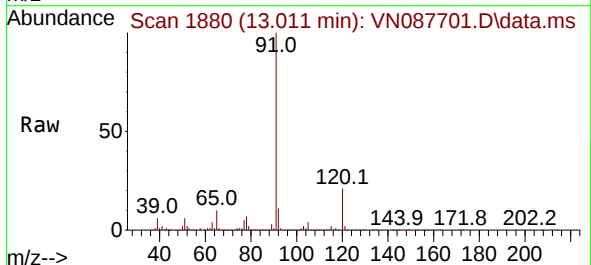
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

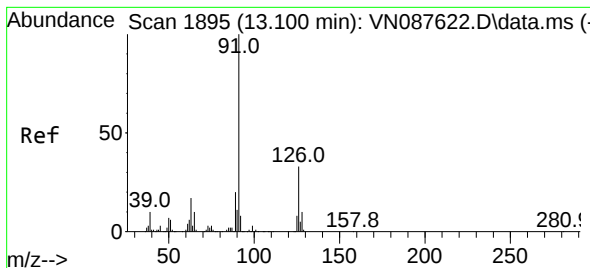
Tgt Ion:156 Resp: 165396
Ion Ratio Lower Upper
156 100
77 243.2 119.3 358.0
158 94.7 48.2 144.6



#78
n-propylbenzene
Concen: 47.927 ug/l
RT: 13.011 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 91 Resp: 842292
Ion Ratio Lower Upper
91 100
120 21.4 10.7 32.1

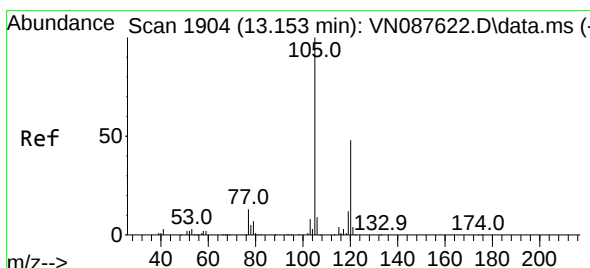
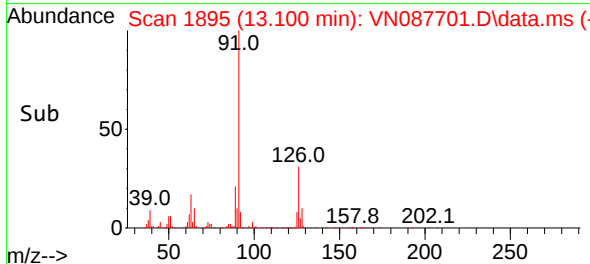
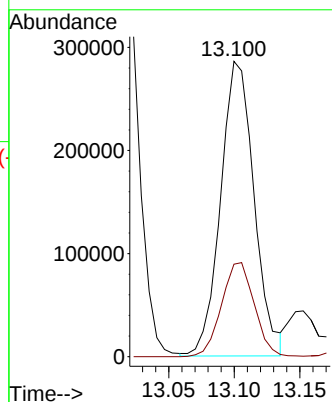
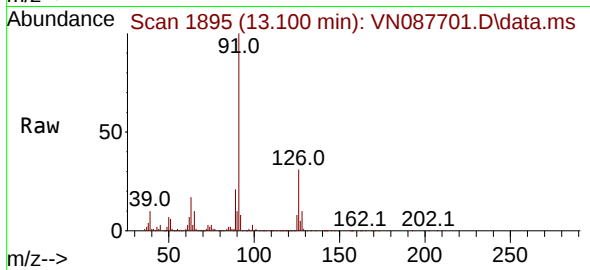




#79
2-Chlorotoluene
Concen: 48.040 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

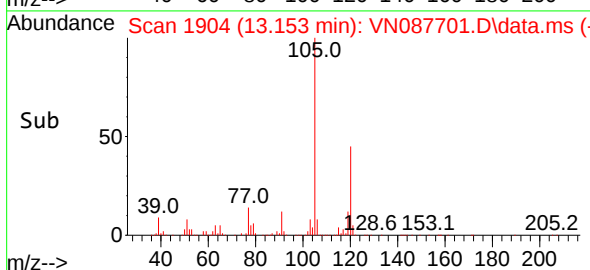
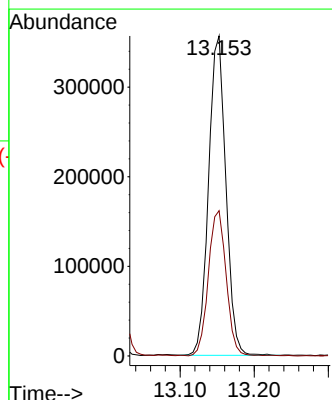
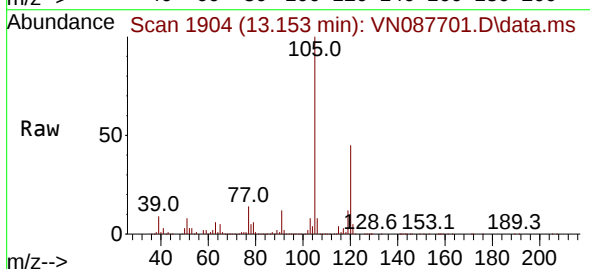
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

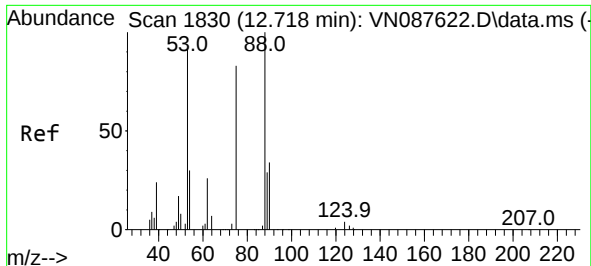
Tgt Ion: 91 Resp: 508072
Ion Ratio Lower Upper
91 100
126 31.3 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 47.633 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 105 Resp: 576539
Ion Ratio Lower Upper
105 100
120 47.2 23.2 69.6

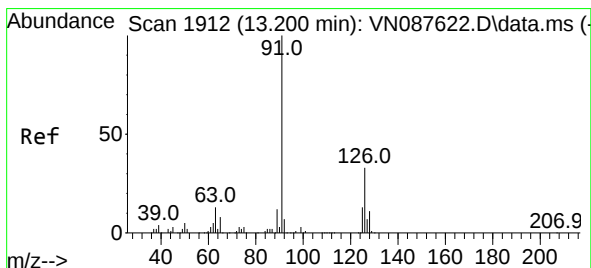
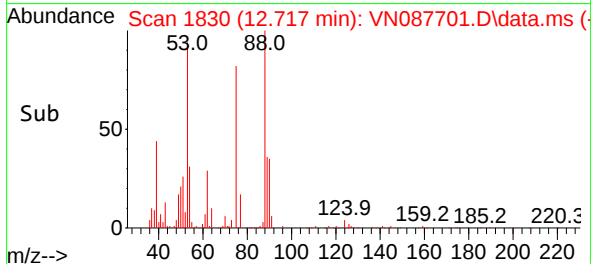
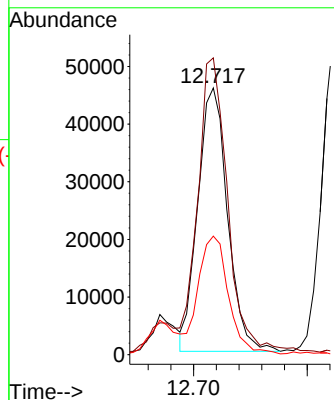
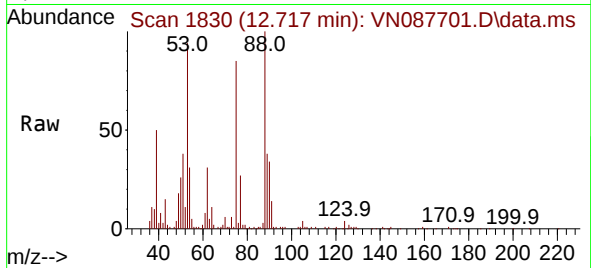




#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.027 ug/l
 RT: 12.717 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: VN087701.D
 Acq: 29 Aug 2025 15:51

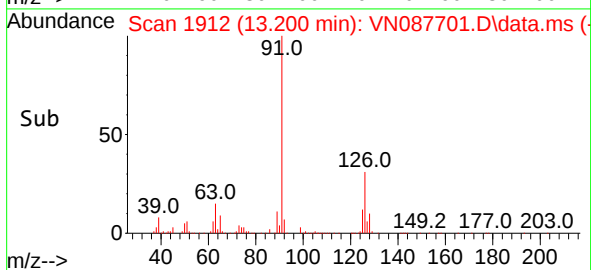
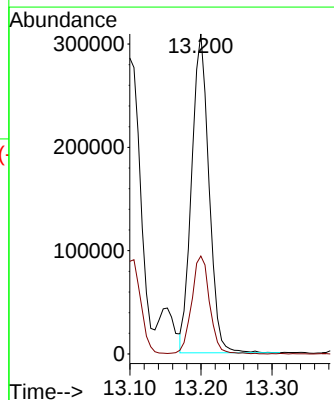
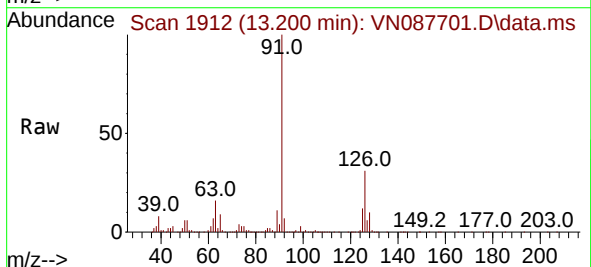
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

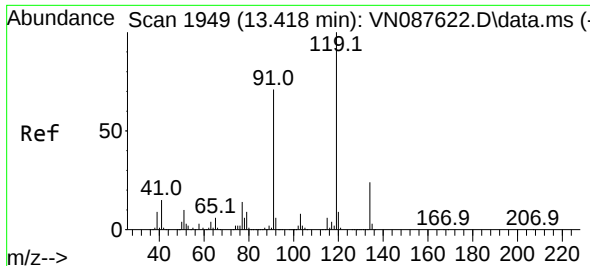
Tgt Ion: 75 Resp: 82936
 Ion Ratio Lower Upper
 75 100
 53 114.2 101.8 152.6
 89 46.6 35.6 53.4



#82
 4-Chlorotoluene
 Concen: 46.965 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. -0.000 min
 Lab File: VN087701.D
 Acq: 29 Aug 2025 15:51

Tgt Ion: 91 Resp: 522226
 Ion Ratio Lower Upper
 91 100
 126 32.1 15.6 46.8

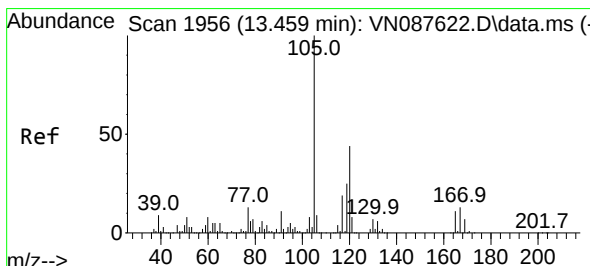
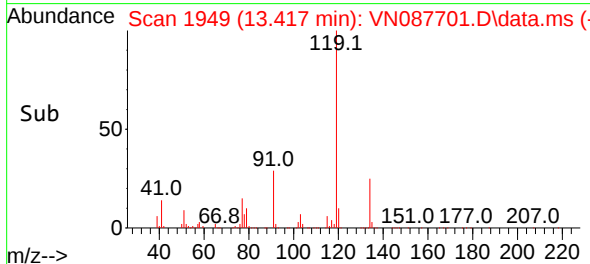
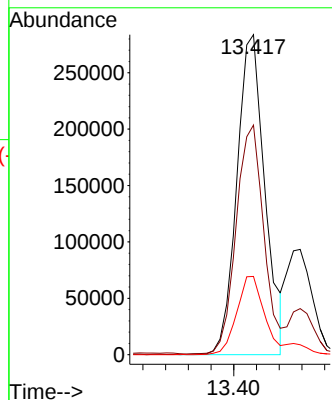
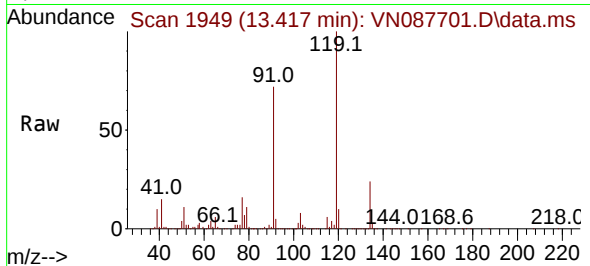




#83
tert-Butylbenzene
Concen: 48.217 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

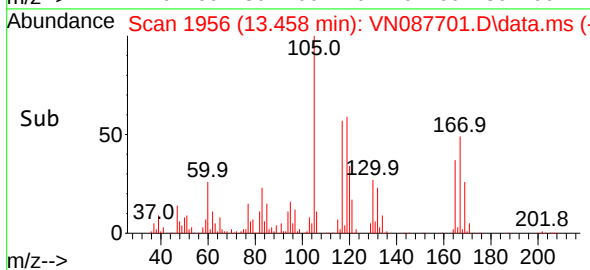
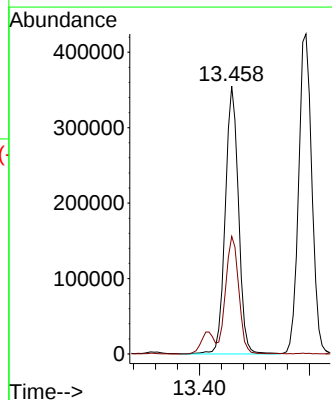
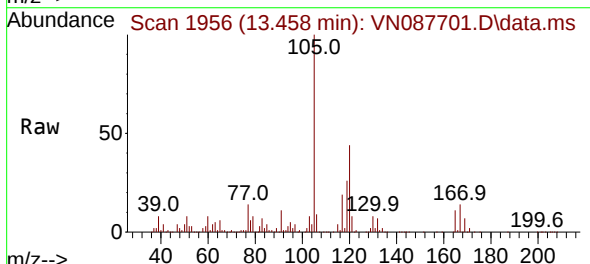
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

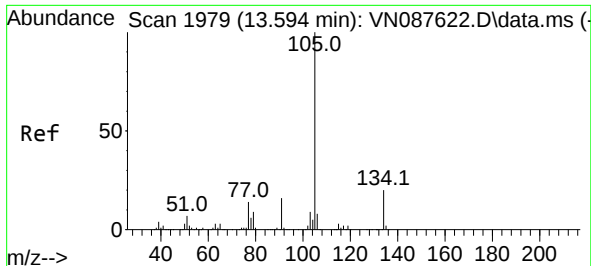
Tgt Ion:119 Resp: 486328
Ion Ratio Lower Upper
119 100
91 70.5 35.0 105.0
134 26.9 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 48.937 ug/l
RT: 13.458 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion:105 Resp: 592946
Ion Ratio Lower Upper
105 100
120 43.6 22.0 66.0

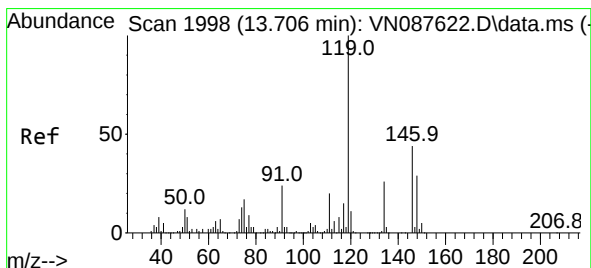
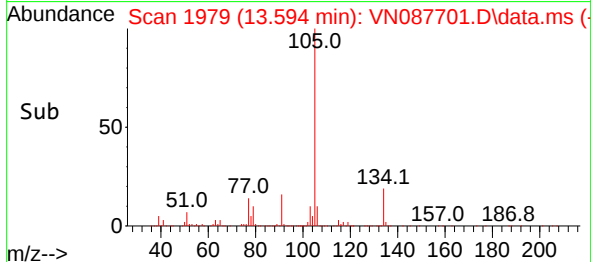
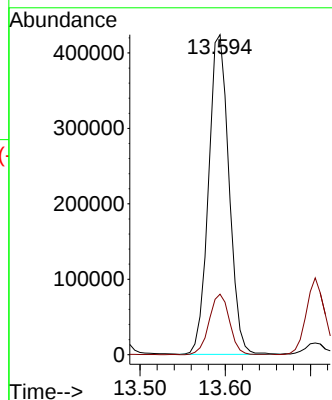
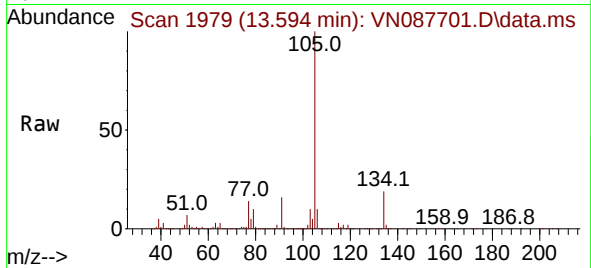




#85
sec-Butylbenzene
Concen: 47.111 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

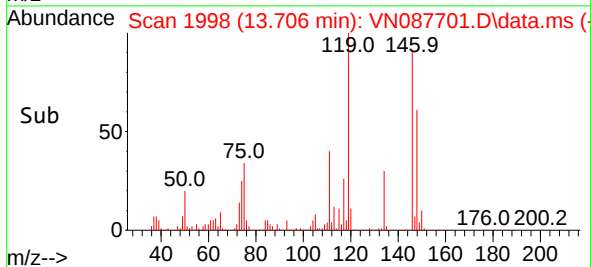
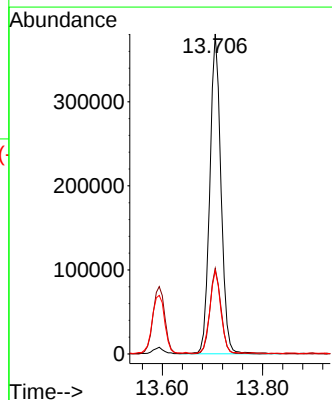
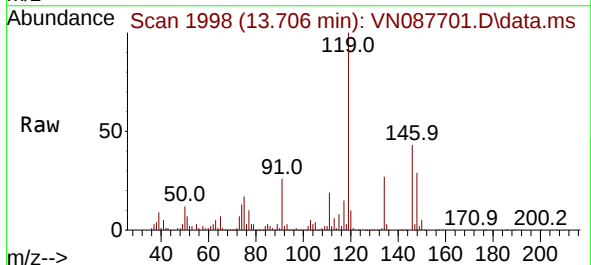
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

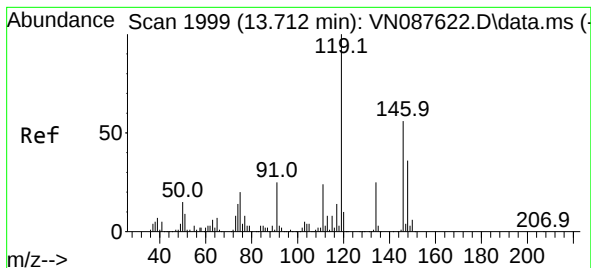
Tgt Ion:105 Resp: 705141
Ion Ratio Lower Upper
105 100
134 18.8 9.6 28.6



#86
p-Isopropyltoluene
Concen: 47.572 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion:119 Resp: 587966
Ion Ratio Lower Upper
119 100
134 26.5 12.7 38.0
91 25.6 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 47.141 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

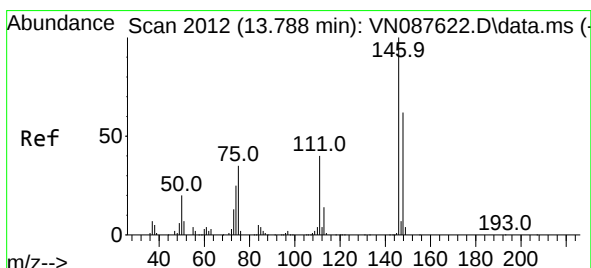
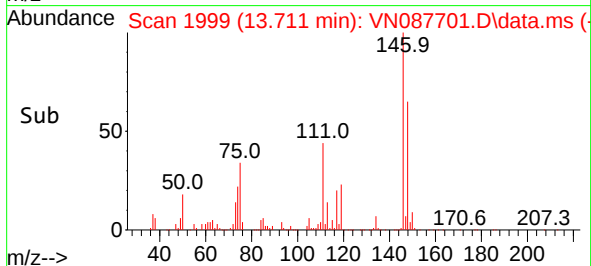
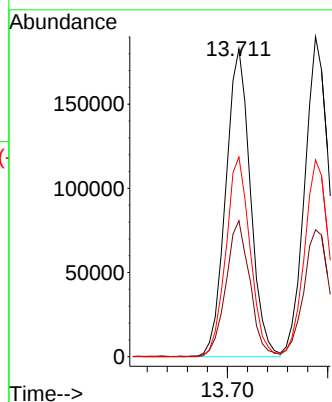
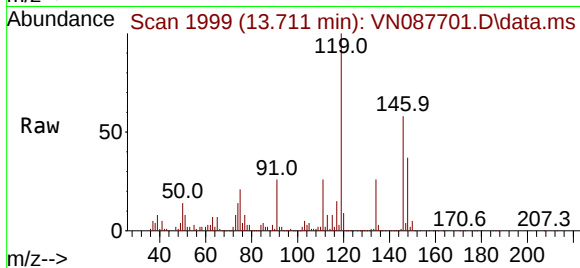
Tgt Ion:146 Resp: 312304

Ion Ratio Lower Upper

146 100

111 43.2 22.1 66.5

148 63.5 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 46.588 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

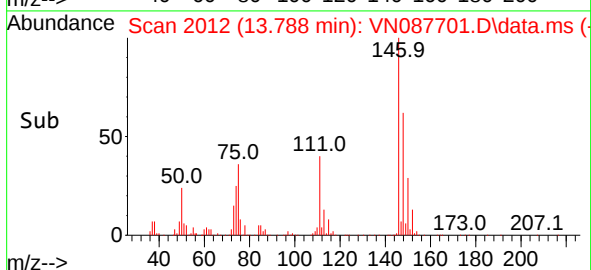
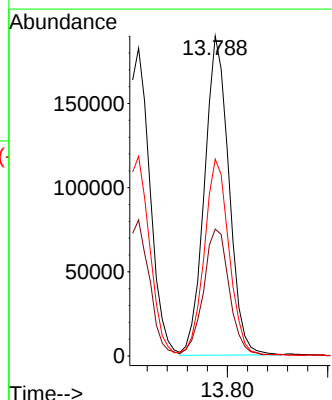
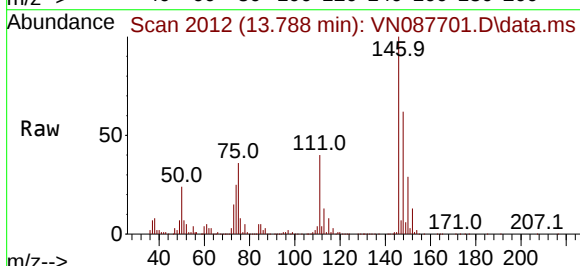
Tgt Ion:146 Resp: 321192

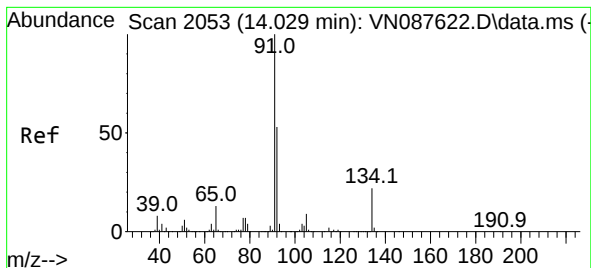
Ion Ratio Lower Upper

146 100

111 41.5 21.0 63.0

148 62.9 32.0 96.0





#89

n-Butylbenzene

Concen: 46.521 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

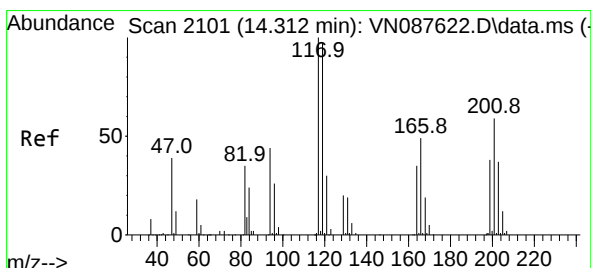
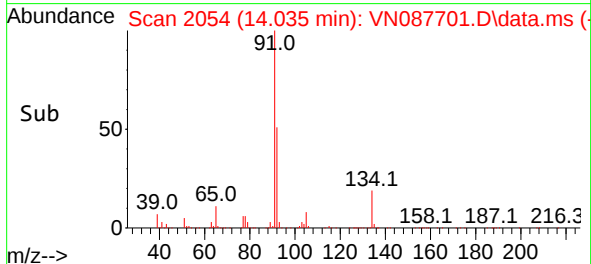
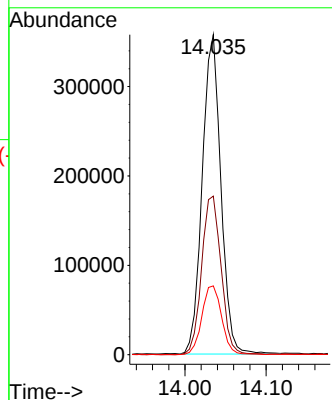
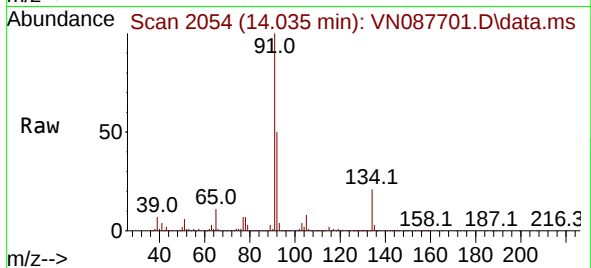
Tgt Ion: 91 Resp: 571050

Ion Ratio Lower Upper

91 100

92 51.8 25.9 77.8

134 22.9 11.7 35.0



#90

Hexachloroethane

Concen: 47.220 ug/l

RT: 14.305 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087701.D

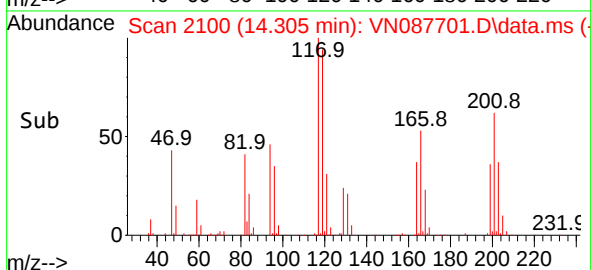
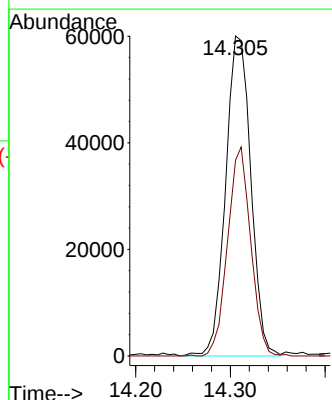
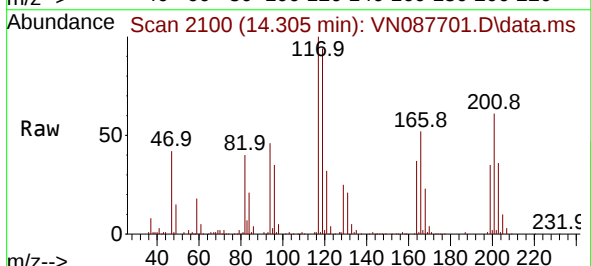
Acq: 29 Aug 2025 15:51

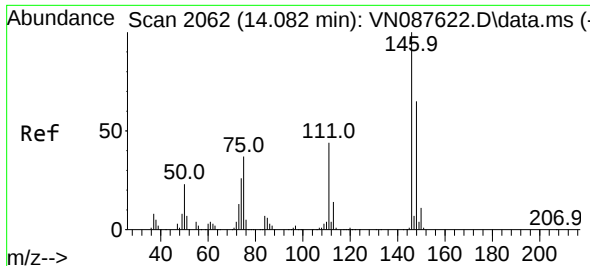
Tgt Ion: 117 Resp: 111190

Ion Ratio Lower Upper

117 100

201 59.9 29.1 87.4

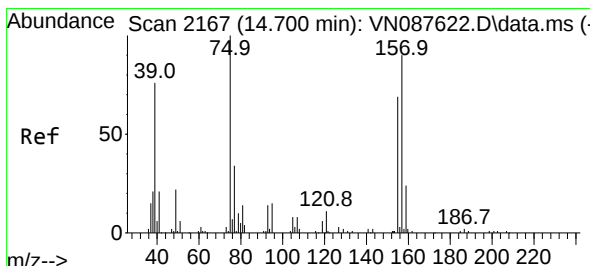
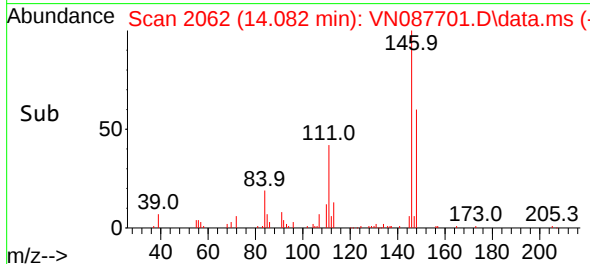
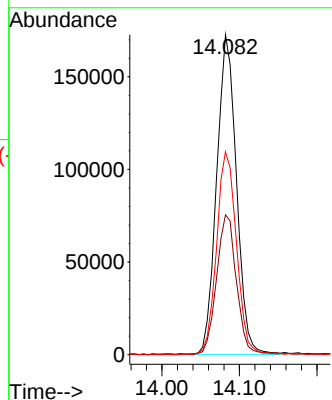
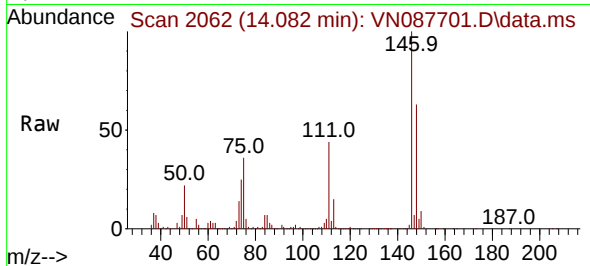




#91
1,2-Dichlorobenzene
Concen: 48.687 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

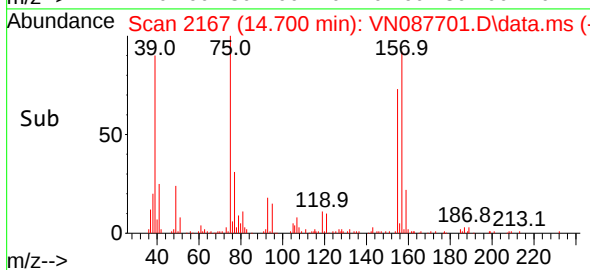
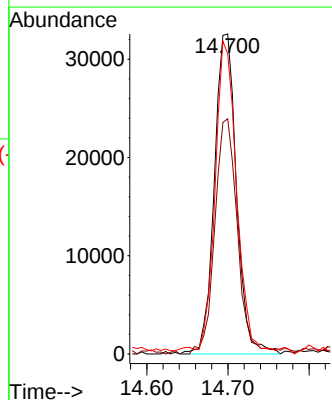
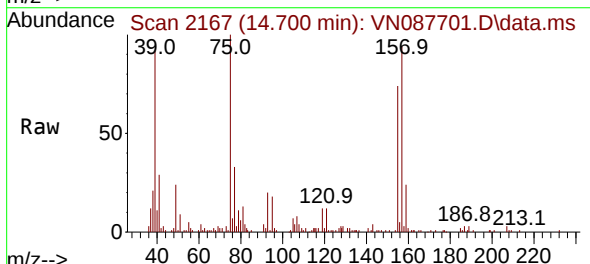
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

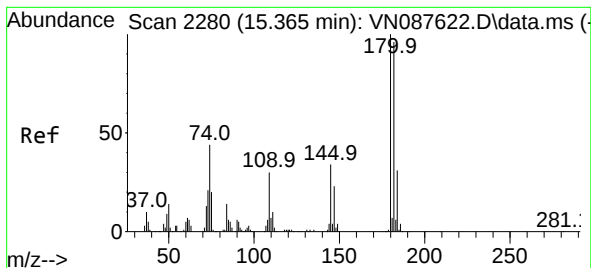
Tgt Ion:146 Resp: 305998
Ion Ratio Lower Upper
146 100
111 43.8 22.6 67.8
148 64.0 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.941 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087701.D
Acq: 29 Aug 2025 15:51

Tgt Ion: 75 Resp: 61777
Ion Ratio Lower Upper
75 100
155 74.4 36.6 109.9
157 92.0 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 46.668 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

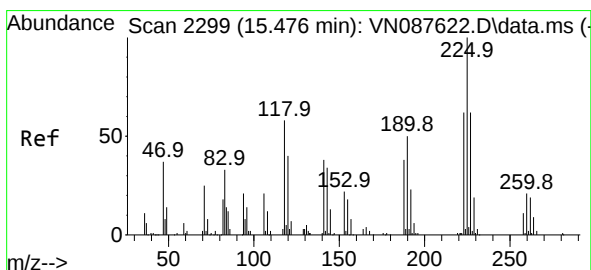
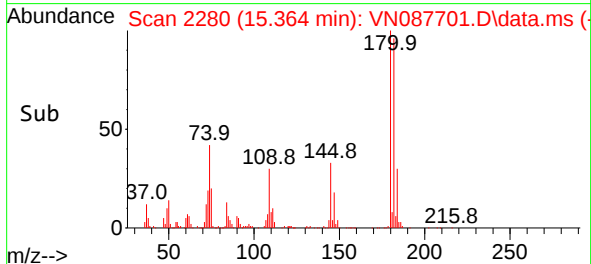
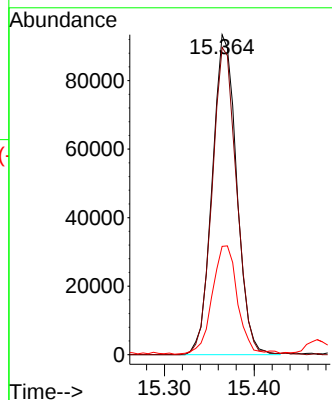
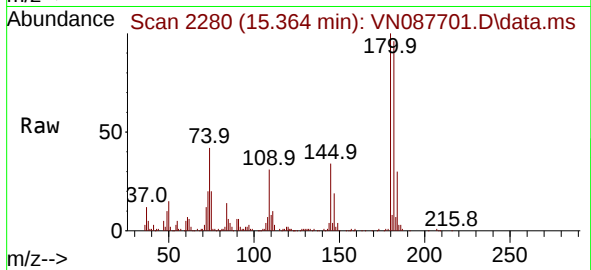
Tgt Ion:180 Resp: 176132

Ion Ratio Lower Upper

180 100

182 96.6 47.6 142.9

145 34.9 16.5 49.5



#94

Hexachlorobutadiene

Concen: 41.686 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

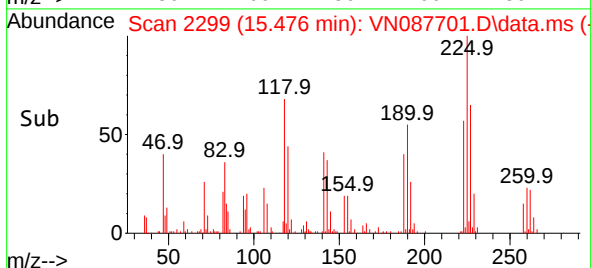
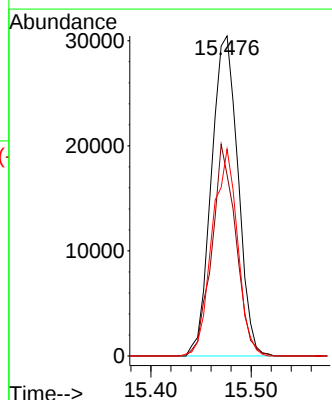
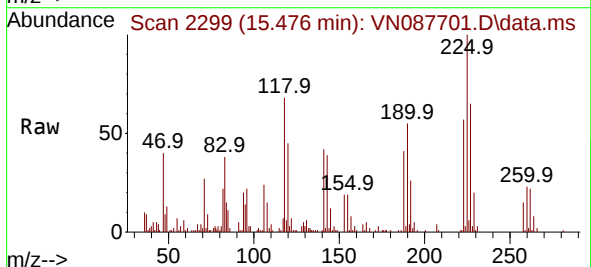
Tgt Ion:225 Resp: 56089

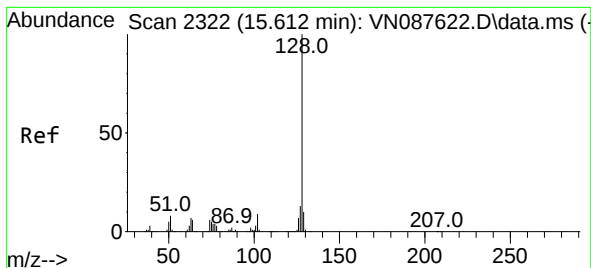
Ion Ratio Lower Upper

225 100

223 59.9 32.0 96.2

227 61.4 32.1 96.5





#95

Naphthalene

Concen: 54.063 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

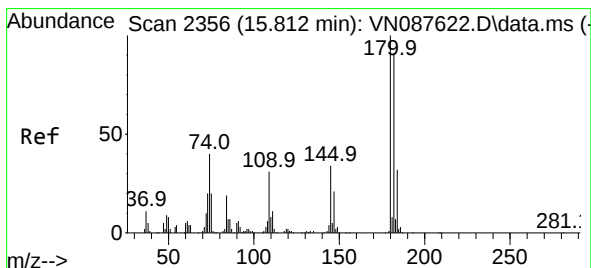
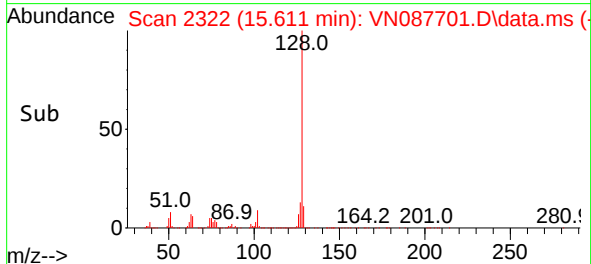
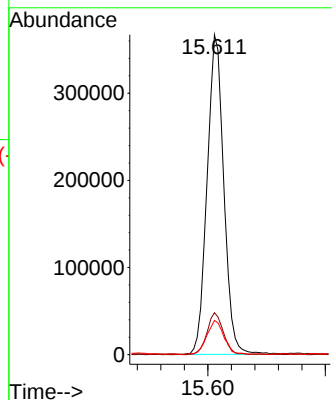
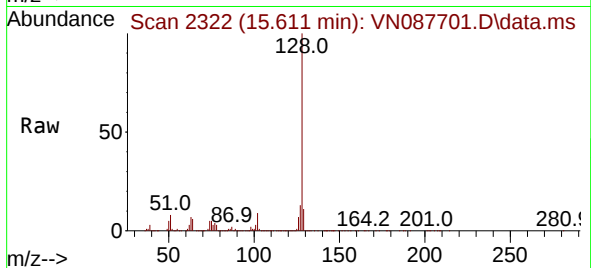
Tgt Ion:128 Resp: 722710

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.239 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087701.D

Acq: 29 Aug 2025 15:51

Tgt Ion:180 Resp: 177983

Ion Ratio Lower Upper

180 100

182 93.3 46.8 140.3

145 35.1 17.3 52.0

