

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087233.D
 Acq On : 27 Jun 2025 19:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 27 23:50:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	184237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	350893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	320349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	158408	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	130513	49.225	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.460%
35) Dibromofluoromethane	8.177	113	98189	43.283	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.560%
50) Toluene-d8	10.565	98	417177	44.463	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.920%
62) 4-Bromofluorobenzene	12.847	95	148372	45.573	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	110867	48.021	ug/l	98
3) Chloromethane	2.395	50	104565	46.385	ug/l	98
4) Vinyl Chloride	2.553	62	119606	49.101	ug/l	99
5) Bromomethane	2.983	94	60753	46.473	ug/l	94
6) Chloroethane	3.147	64	61660	48.442	ug/l	98
7) Trichlorofluoromethane	3.524	101	127713	44.029	ug/l	93
8) Diethyl Ether	3.983	74	49885	38.662	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.394	101	88665	42.754	ug/l	97
10) Methyl Iodide	4.612	142	81225	44.978	ug/l	96
11) Tert butyl alcohol	5.541	59	137062	234.621	ug/l	100
12) 1,1-Dichloroethene	4.365	96	87485	40.479	ug/l	99
13) Acrolein	4.200	56	99363	206.291	ug/l	99
14) Allyl chloride	5.047	41	126001	36.018	ug/l #	86
15) Acrylonitrile	5.736	53	344364	224.647	ug/l	98
16) Acetone	4.447	43	239675	189.981	ug/l	100
17) Carbon Disulfide	4.742	76	243514	38.982	ug/l	98
18) Methyl Acetate	5.041	43	125381	38.977	ug/l	95
19) Methyl tert-butyl Ether	5.812	73	376617	50.593	ug/l	94
20) Methylene Chloride	5.294	84	96392	41.362	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	117822	49.155	ug/l	92
22) Diisopropyl ether	6.688	45	361032	46.909	ug/l	98
23) Vinyl Acetate	6.618	43	1645925	239.148	ug/l	97
24) 1,1-Dichloroethane	6.588	63	208990	45.977	ug/l	99
25) 2-Butanone	7.494	43	423601	210.732	ug/l	98
26) 2,2-Dichloropropane	7.500	77	141746	39.229	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	120226	43.139	ug/l	96
28) Bromochloromethane	7.824	49	90832	45.455	ug/l	100
29) Tetrahydrofuran	7.847	42	343407	260.565	ug/l	100
30) Chloroform	7.977	83	220998	51.543	ug/l	99
31) Cyclohexane	8.265	56	203967	49.691	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	191319	51.937	ug/l	97
36) 1,1-Dichloropropene	8.377	75	169576	51.033	ug/l	99
37) Ethyl Acetate	7.571	43	176485	40.813	ug/l	99
38) Carbon Tetrachloride	8.371	117	168716	52.134	ug/l	97
39) Methylcyclohexane	9.606	83	199219	49.140	ug/l	98
40) Benzene	8.612	78	543327	52.920	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	98481	45.285	ug/l	96
42) 1,2-Dichloroethane	8.677	62	174611	52.315	ug/l	98
43) Isopropyl Acetate	8.694	43	332672	54.458	ug/l	98
44) Trichloroethene	9.359	130	127590	51.904	ug/l	94
45) 1,2-Dichloropropane	9.624	63	133211	50.337	ug/l	96
46) Dibromomethane	9.712	93	91953	51.273	ug/l	99
47) Bromodichloromethane	9.888	83	183079	50.829	ug/l	96
48) Methyl methacrylate	9.682	41	153747	52.056	ug/l	97
49) 1,4-Dioxane	9.700	88	48130	986.293	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	1028479	238.099	ug/l	98
52) Toluene	10.629	92	339398	51.709	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	203873	50.763	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	215346	50.394	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	127463	51.348	ug/l	98
56) Ethyl methacrylate	10.882	69	211850	50.598	ug/l	99
57) 1,3-Dichloropropane	11.165	76	222588	50.753	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	594470	263.449	ug/l	97
59) 2-Hexanone	11.200	43	675665	248.616	ug/l	97
60) Dibromochloromethane	11.359	129	137306	50.861	ug/l	100
61) 1,2-Dibromoethane	11.470	107	133189	50.758	ug/l	98
64) Tetrachloroethene	11.106	164	101530	51.783	ug/l	96
65) Chlorobenzene	11.888	112	369367	51.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	120173	52.949	ug/l	100
67) Ethyl Benzene	11.965	91	630878	53.236	ug/l	99
68) m/p-Xylenes	12.070	106	494110	108.970	ug/l	100
69) o-Xylene	12.394	106	228914	55.535	ug/l	100
70) Styrene	12.412	104	397747	56.219	ug/l	99
71) Bromoform	12.576	173	92311	54.804	ug/l #	100
73) Isopropylbenzene	12.694	105	593239	55.321	ug/l	100
74) N-amyl acetate	12.517	43	176459	44.224	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	202847	52.520	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	267511	75.691	ug/l	65
77) Bromobenzene	12.976	156	141110	54.144	ug/l	97
78) n-propylbenzene	13.035	91	720618	54.559	ug/l	100
79) 2-Chlorotoluene	13.123	91	427607	52.007	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	489049	55.243	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	82472	52.373	ug/l	88
82) 4-Chlorotoluene	13.217	91	441328	53.842	ug/l	100
83) tert-Butylbenzene	13.435	119	419658	55.187	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	502316	55.919	ug/l	99
85) sec-Butylbenzene	13.612	105	604307	53.940	ug/l	99
86) p-Isopropyltoluene	13.723	119	511819	55.702	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	276047	52.637	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	279233	51.785	ug/l	99
89) n-Butylbenzene	14.053	91	442944	51.885	ug/l	99
90) Hexachloroethane	14.329	117	87313	49.103	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	253572	51.338	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	45001	51.041	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	148118	53.866	ug/l	100
94) Hexachlorobutadiene	15.494	225	40209	46.354	ug/l	97
95) Naphthalene	15.635	128	577536	55.363	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	145574	53.619	ug/l	98

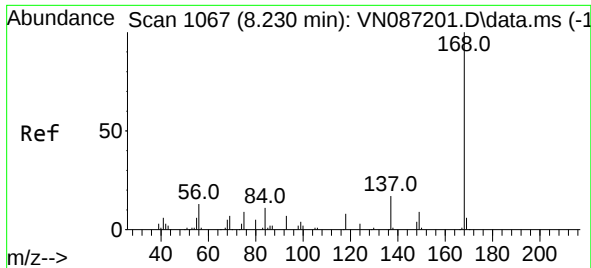
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Response via : Initial Calibration

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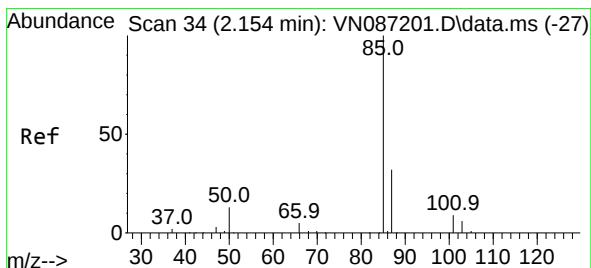
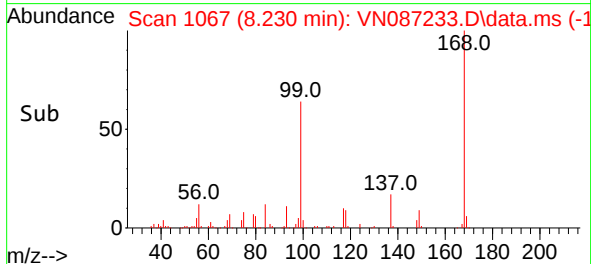
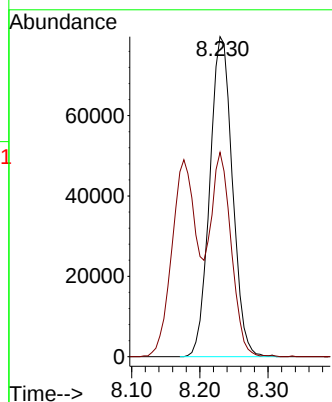
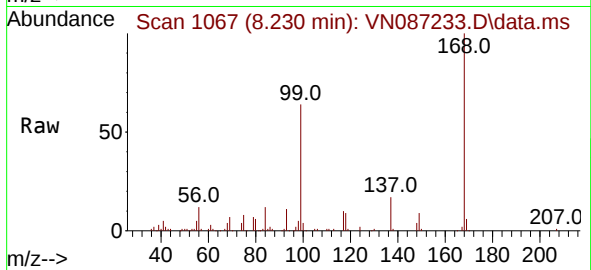
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087233.D
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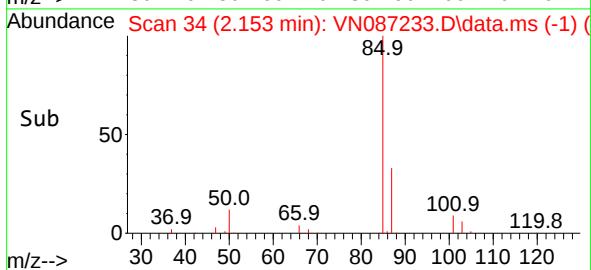
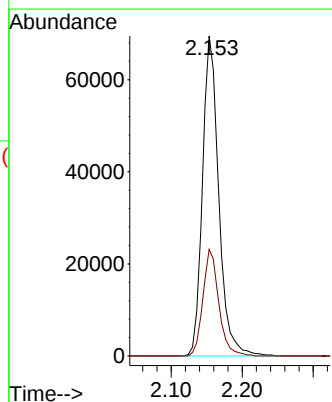
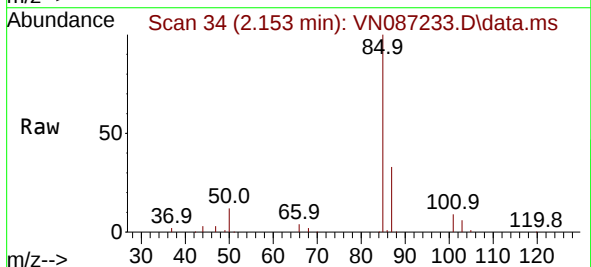
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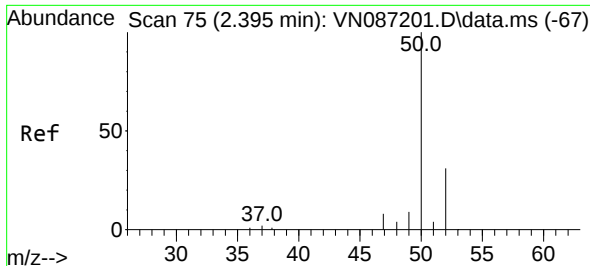
Tgt Ion:168 Resp: 184237
Ion Ratio Lower Upper
168 100
99 63.8 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 48.021 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 85 Resp: 110867
Ion Ratio Lower Upper
85 100
87 33.3 16.1 48.3

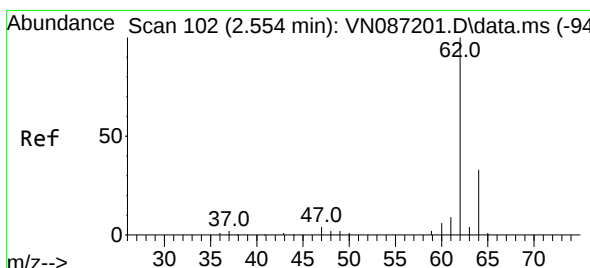
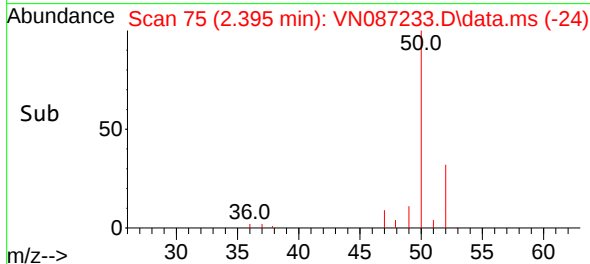
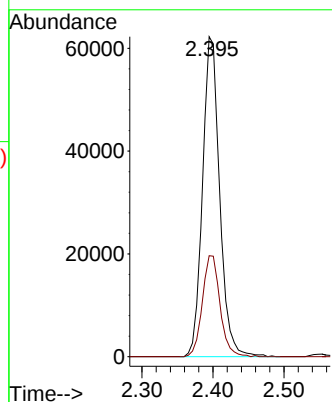
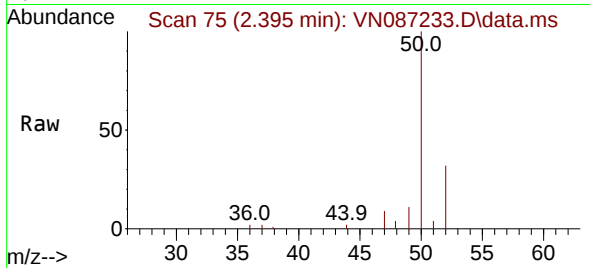




#3
Chloromethane
Concen: 46.385 ug/l
RT: 2.395 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

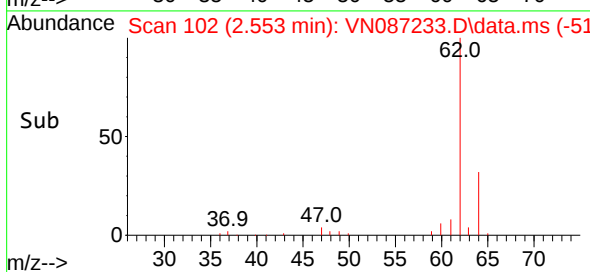
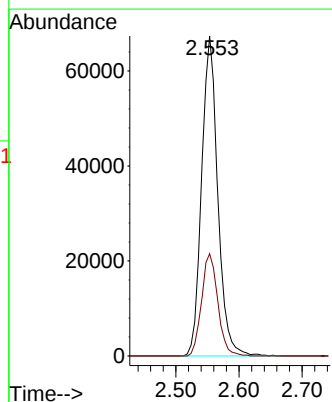
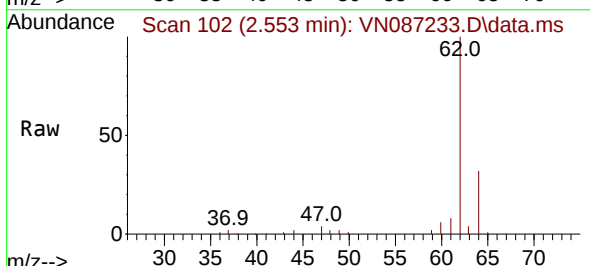
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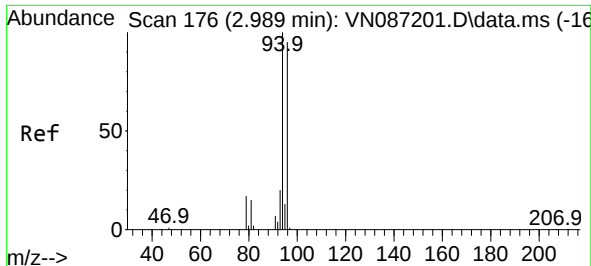
Tgt Ion: 50 Resp: 104565
Ion Ratio Lower Upper
50 100
52 31.6 24.6 36.8



#4
Vinyl Chloride
Concen: 49.101 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 62 Resp: 119606
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0

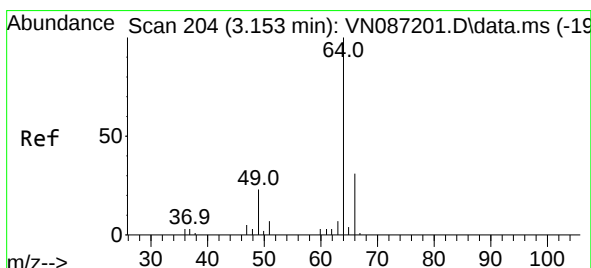
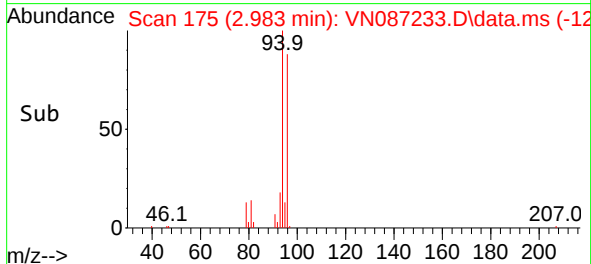
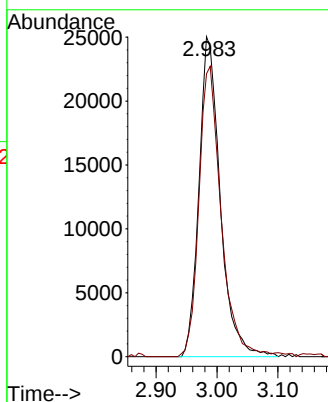
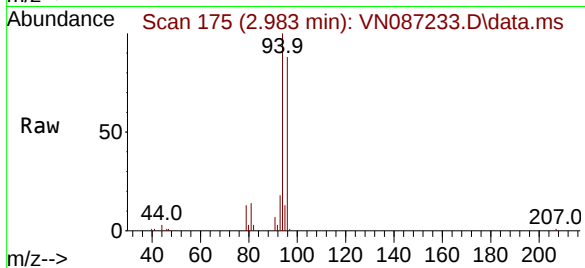




#5
Bromomethane
Concen: 46.473 ug/l
RT: 2.983 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

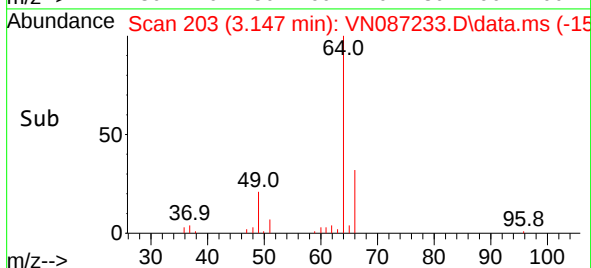
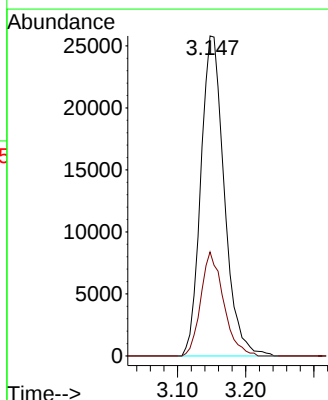
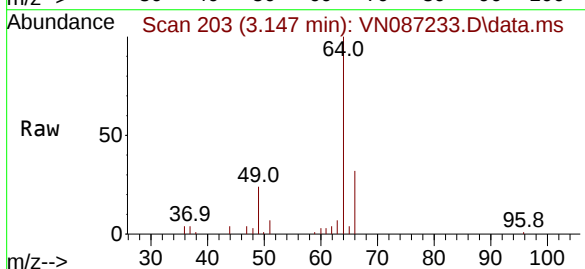
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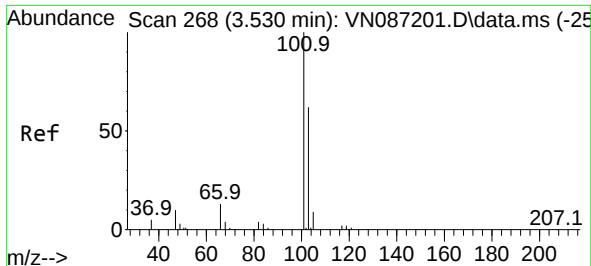
Tgt Ion: 94 Resp: 60753
Ion Ratio Lower Upper
94 100
96 88.4 75.7 113.5



#6
Chloroethane
Concen: 48.442 ug/l
RT: 3.147 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 64 Resp: 61660
Ion Ratio Lower Upper
64 100
66 32.5 25.0 37.4

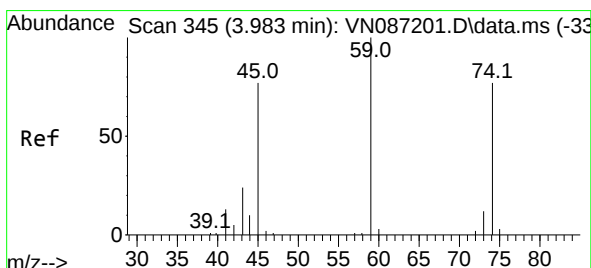
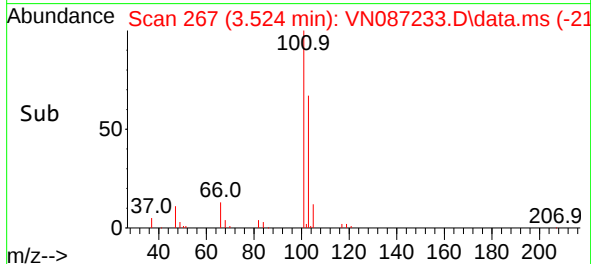
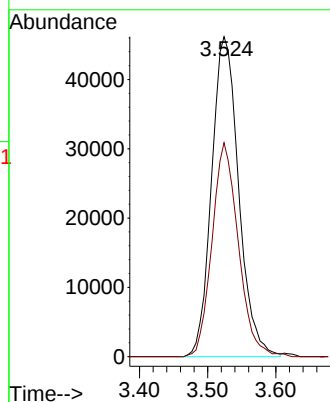
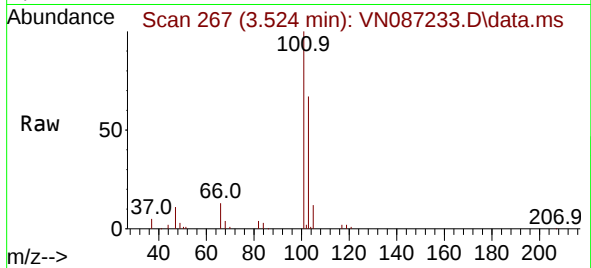




#7
 Trichlorofluoromethane
 Concen: 44.029 ug/l
 RT: 3.524 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087233.D
 Acq: 27 Jun 2025 19:07

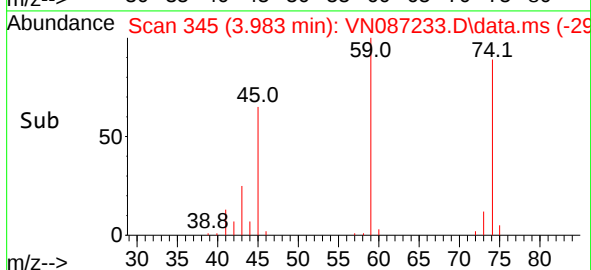
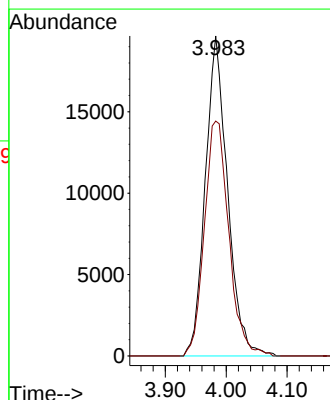
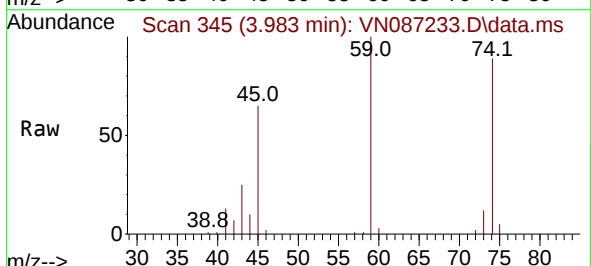
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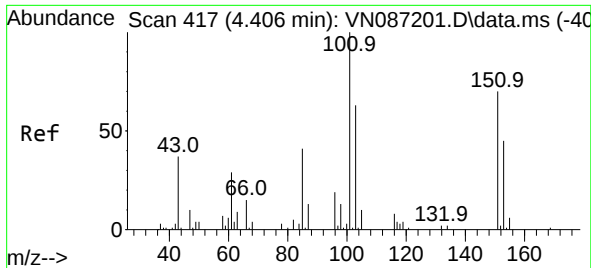
Tgt Ion:101 Resp: 127713
 Ion Ratio Lower Upper
 101 100
 103 66.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 38.662 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087233.D
 Acq: 27 Jun 2025 19:07

Tgt Ion: 74 Resp: 49885
 Ion Ratio Lower Upper
 74 100
 45 80.6 47.0 141.2

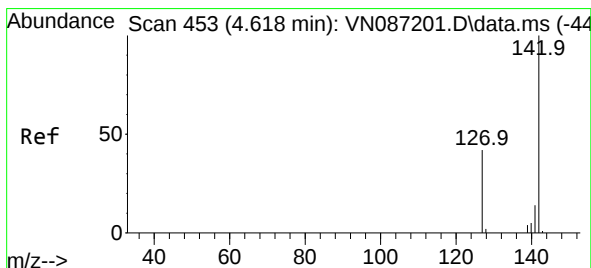
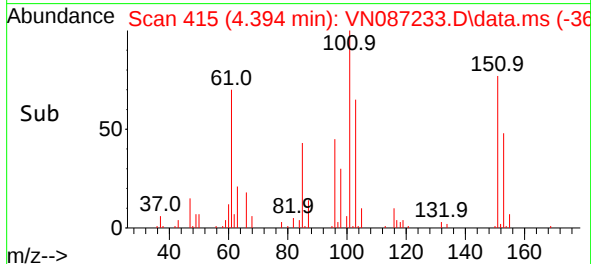
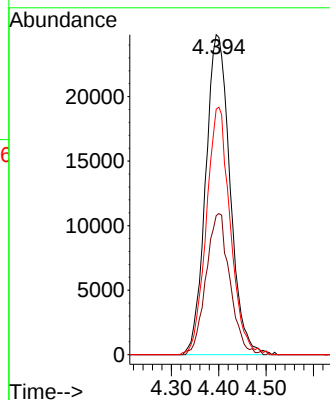
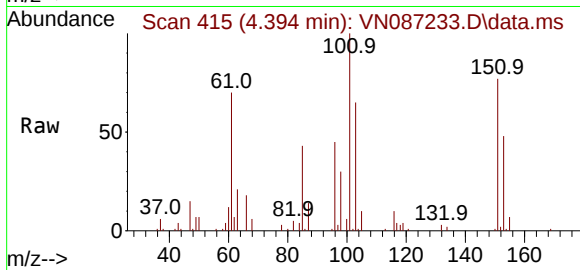




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 42.754 ug/l
 RT: 4.394 min Scan# 415
 Delta R.T. -0.012 min
 Lab File: VN087233.D
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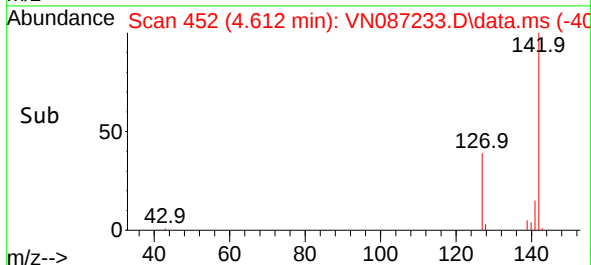
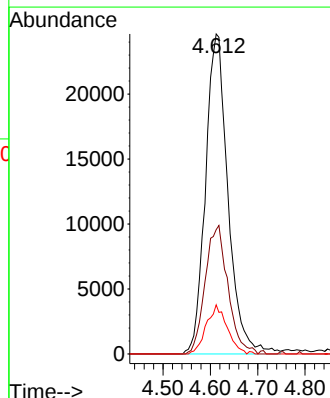
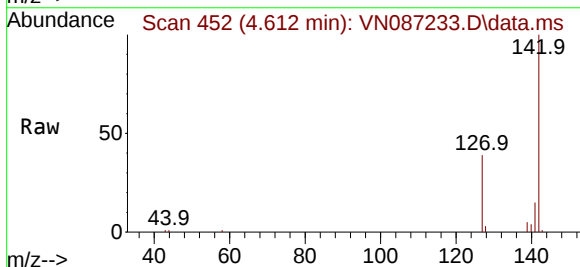
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

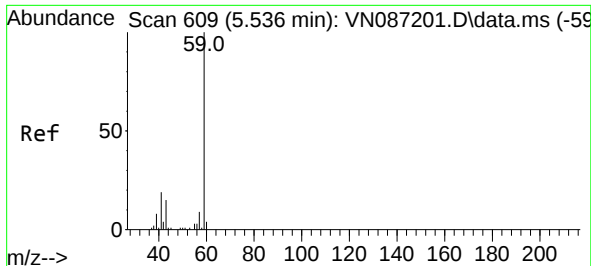
Tgt Ion:101 Resp: 88665
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.3 51.5
 151 76.0 57.3 85.9



#10
 Methyl Iodide
 Concen: 44.978 ug/l
 RT: 4.612 min Scan# 452
 Delta R.T. -0.006 min
 Lab File: VN087233.D
 Acq: 27 Jun 2025 19:07

Tgt Ion:142 Resp: 81225
 Ion Ratio Lower Upper
 142 100
 127 38.8 33.3 49.9
 141 15.4 11.4 17.0

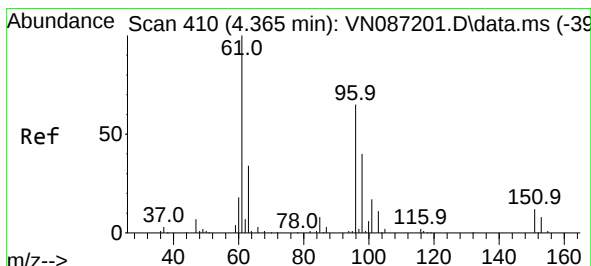
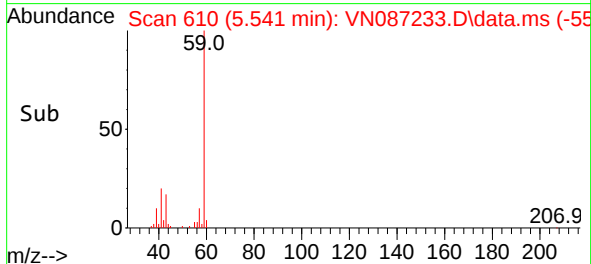
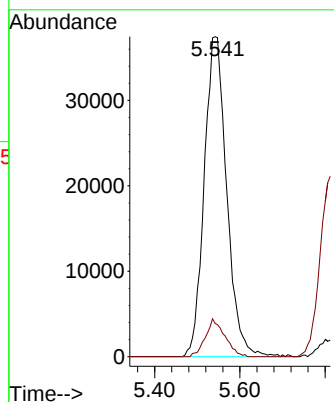
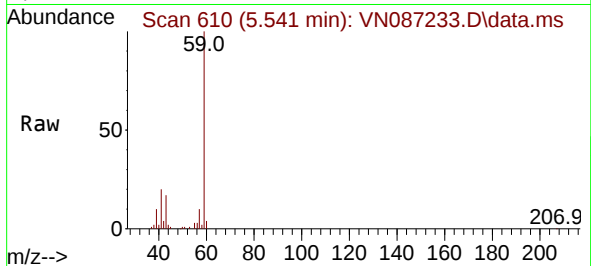




#11
Tert butyl alcohol
Concen: 234.621 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.005 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

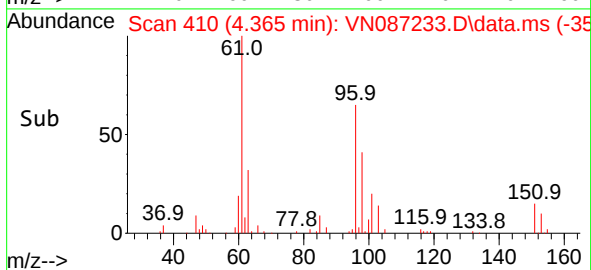
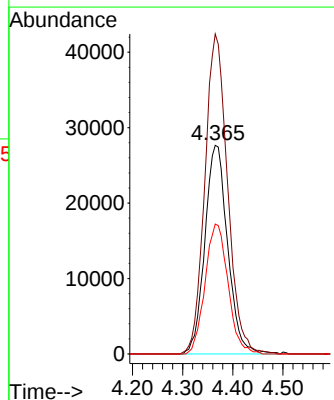
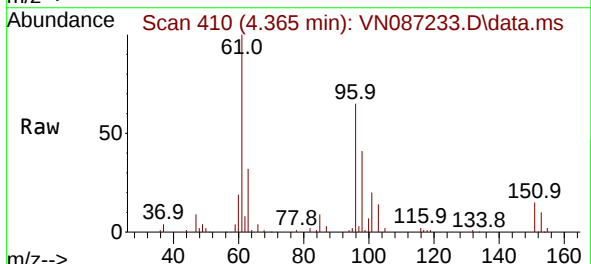
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

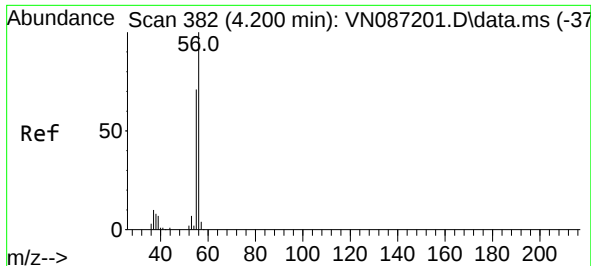
Tgt Ion: 59 Resp: 137062
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 40.479 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 96 Resp: 87485
Ion Ratio Lower Upper
96 100
61 153.4 123.5 185.3
98 62.3 49.5 74.3





#13

Acrolein

Concen: 206.291 ug/l

RT: 4.200 min Scan# 382

Delta R.T. 0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

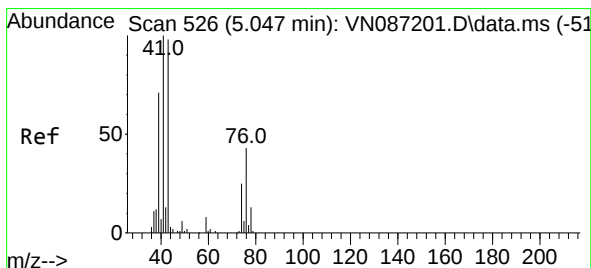
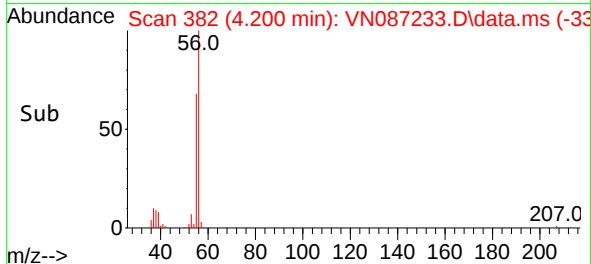
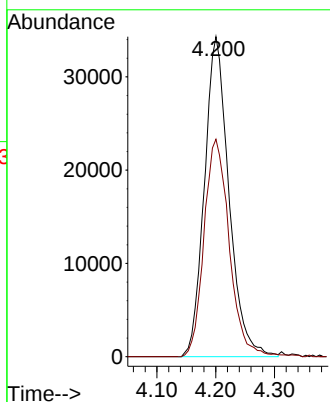
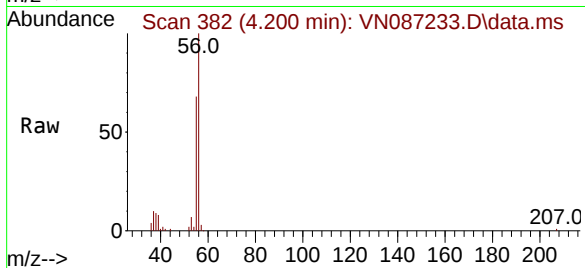
VSTDCCC050EC

Tgt Ion: 56 Resp: 99363

Ion Ratio Lower Upper

56 100

55 70.0 56.8 85.2



#14

Allyl chloride

Concen: 36.018 ug/l

RT: 5.047 min Scan# 526

Delta R.T. 0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

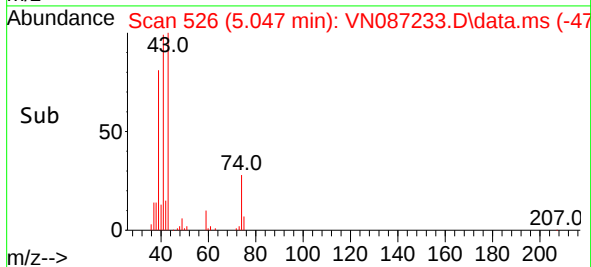
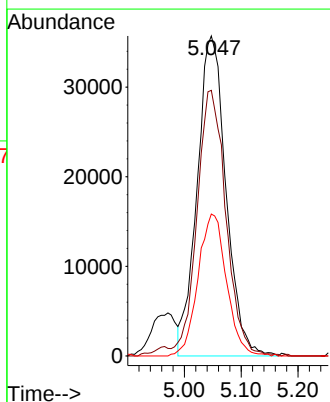
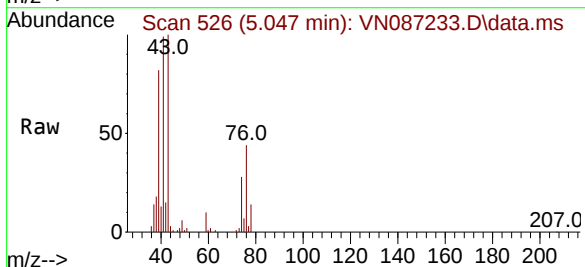
Tgt Ion: 41 Resp: 126001

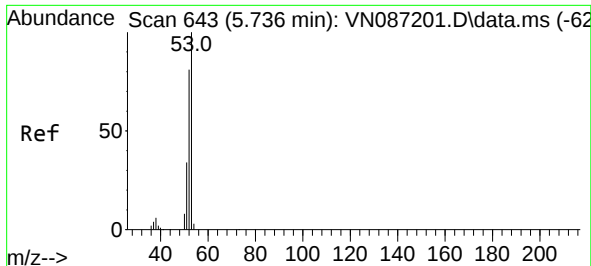
Ion Ratio Lower Upper

41 100

39 83.1 55.0 82.6#

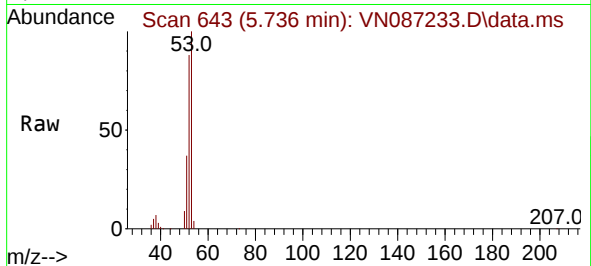
76 43.8 31.3 46.9



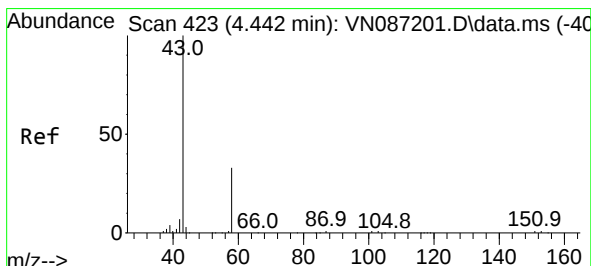
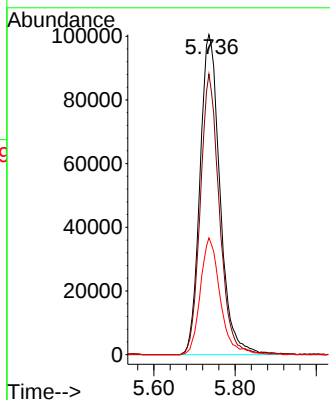
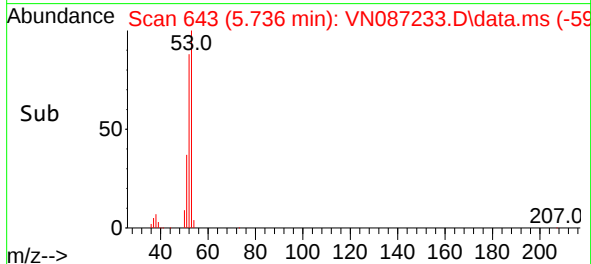


#15
Acrylonitrile
Concen: 224.647 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

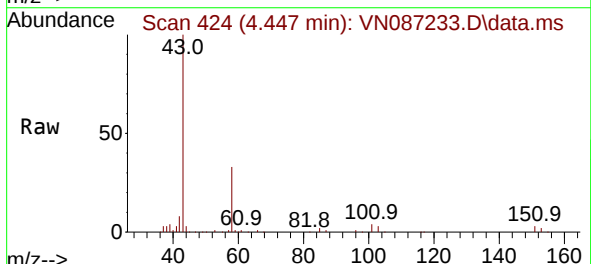
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



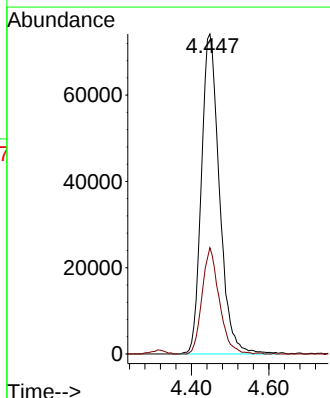
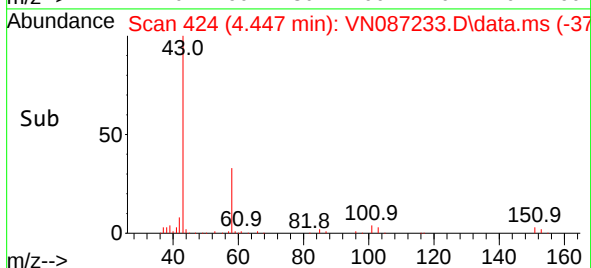
Tgt Ion: 53 Resp: 344364
Ion Ratio Lower Upper
53 100
52 83.3 65.0 97.6
51 36.3 27.8 41.6

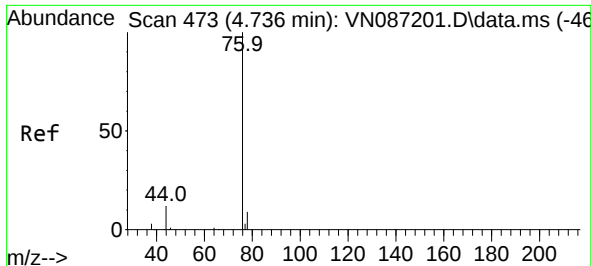


#16
Acetone
Concen: 189.981 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07



Tgt Ion: 43 Resp: 239675
Ion Ratio Lower Upper
43 100
58 33.2 26.5 39.7

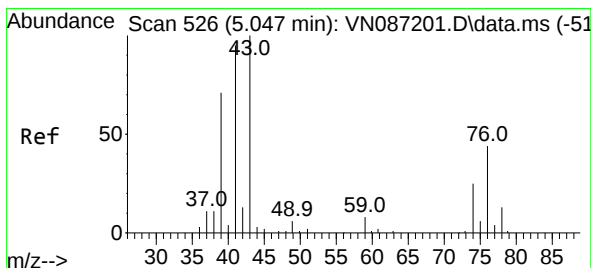
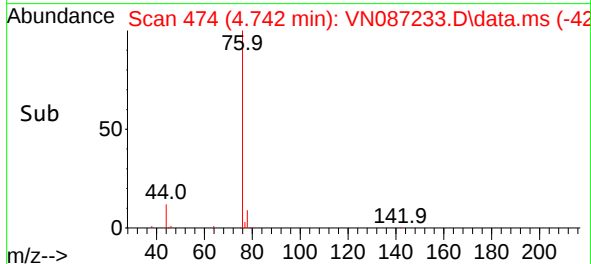
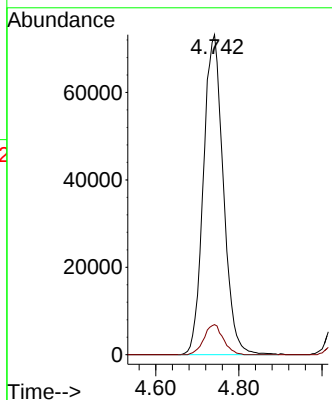
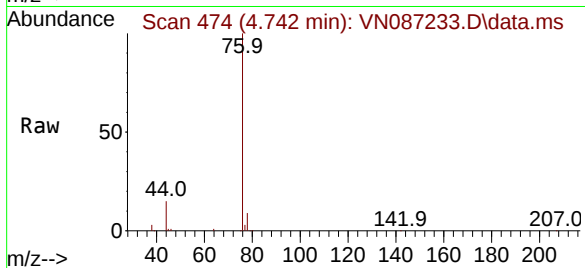




#17
Carbon Disulfide
Concen: 38.982 ug/l
RT: 4.742 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

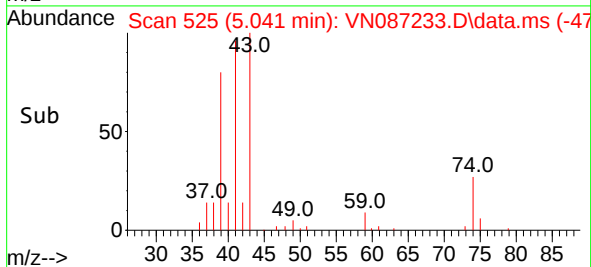
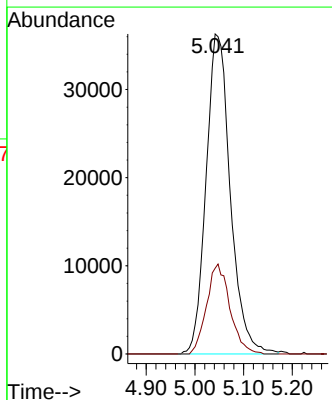
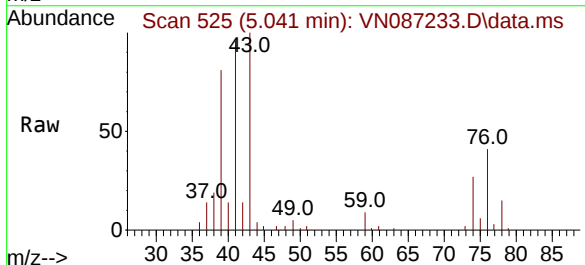
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

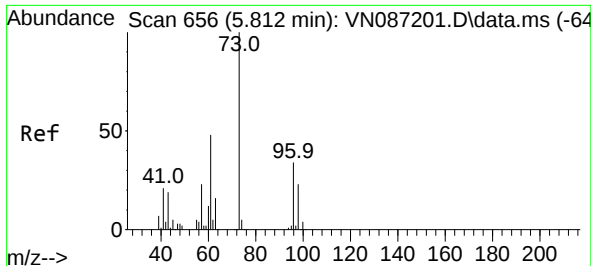
Tgt Ion: 76 Resp: 243514
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 38.977 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 43 Resp: 125381
Ion Ratio Lower Upper
43 100
74 27.0 19.4 29.2

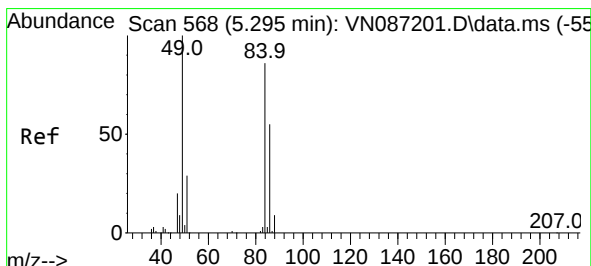
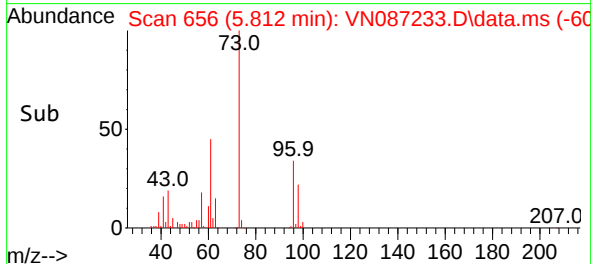
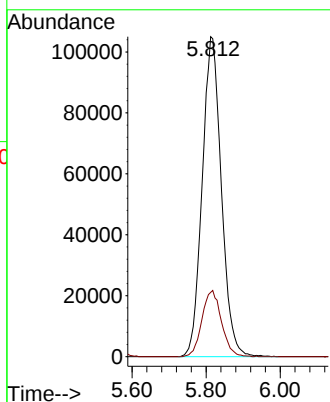
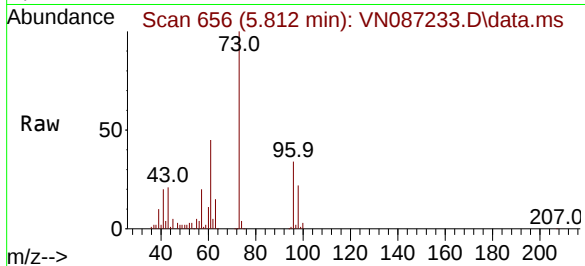




#19
Methyl tert-butyl Ether
Concen: 50.593 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

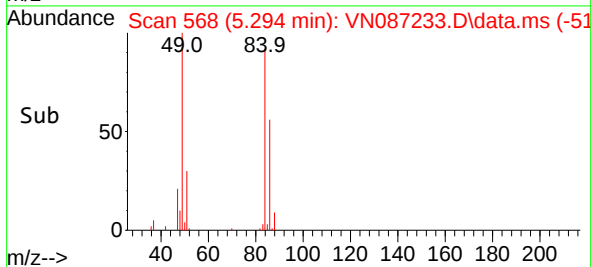
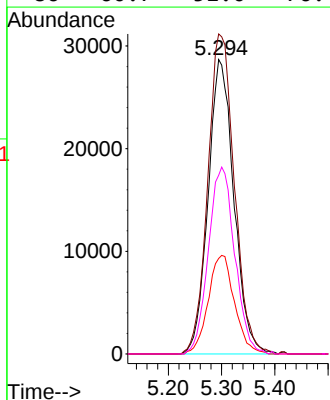
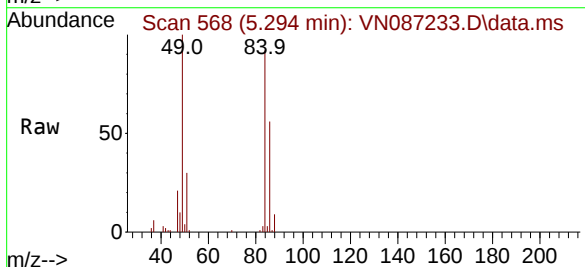
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

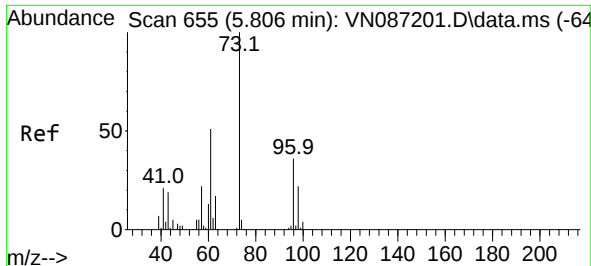
Tgt Ion: 73 Resp: 376617
Ion Ratio Lower Upper
73 100
57 20.1 18.2 27.4



#20
Methylene Chloride
Concen: 41.362 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.001 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 84 Resp: 96392
Ion Ratio Lower Upper
84 100
49 108.7 93.0 139.6
51 32.5 27.2 40.8
86 60.7 51.0 76.4

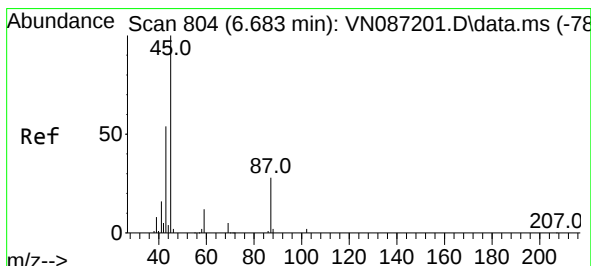
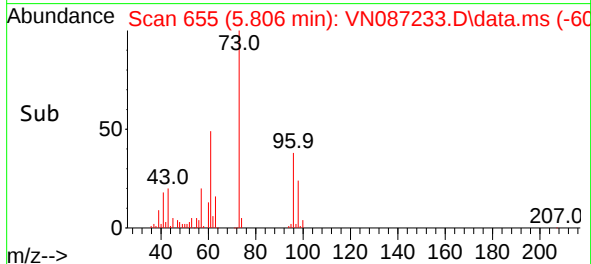
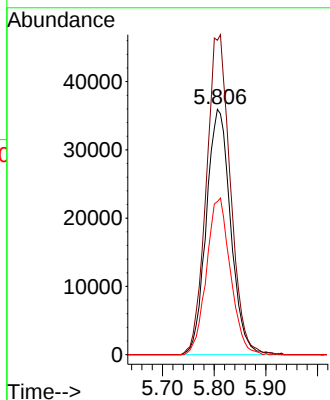
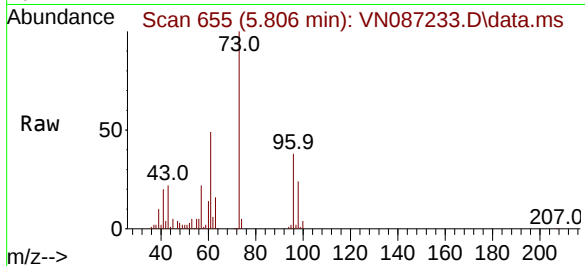




#21
trans-1,2-Dichloroethene
Concen: 49.155 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

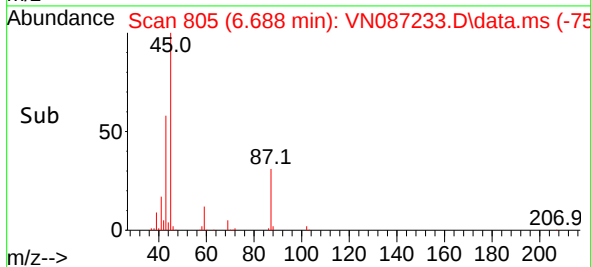
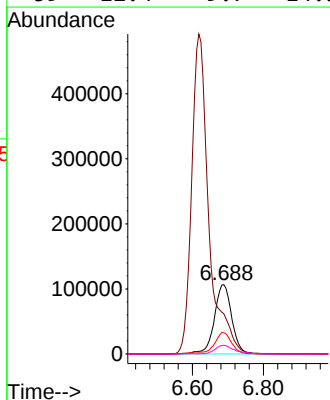
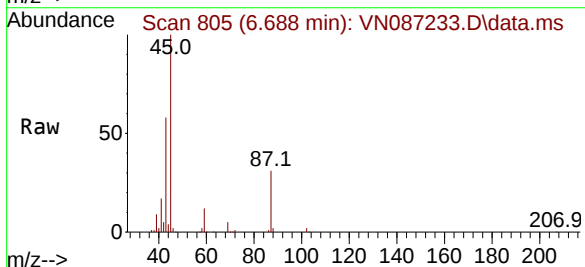
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

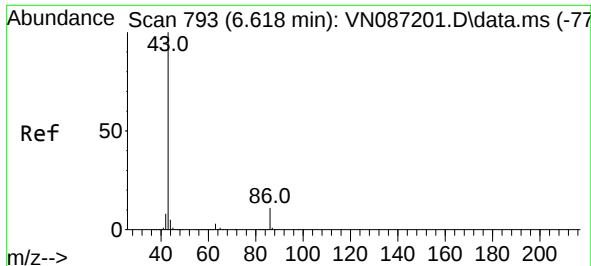
Tgt Ion: 96 Resp: 117822
Ion Ratio Lower Upper
96 100
61 128.1 113.8 170.8
98 62.4 50.4 75.6



#22
Diisopropyl ether
Concen: 46.909 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 45 Resp: 361032
Ion Ratio Lower Upper
45 100
43 57.7 45.8 68.6
87 30.7 22.7 34.1
59 12.4 9.7 14.5

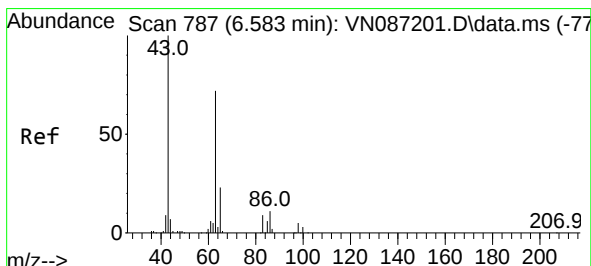
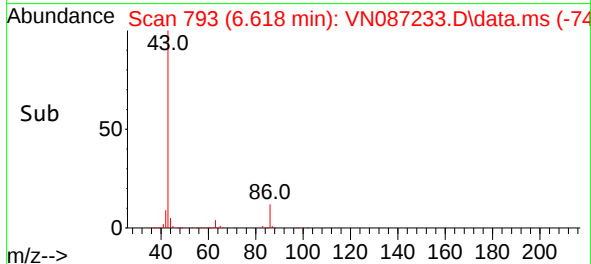
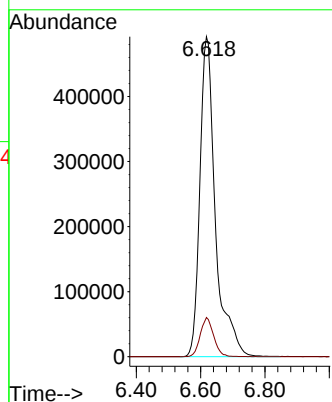
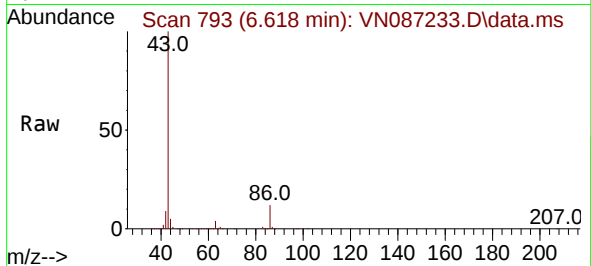




#23
 Vinyl Acetate
 Concen: 239.148 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087233.D
 Acq: 27 Jun 2025 19:07

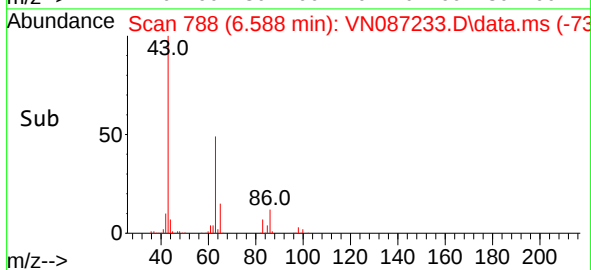
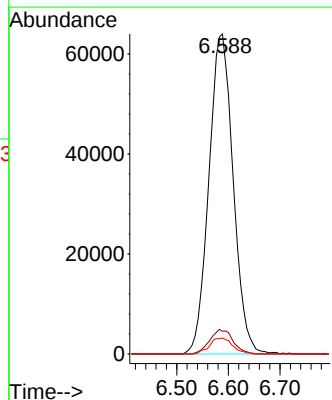
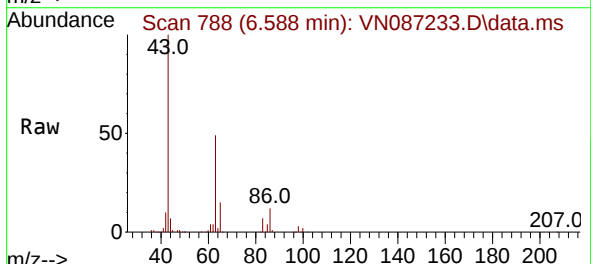
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

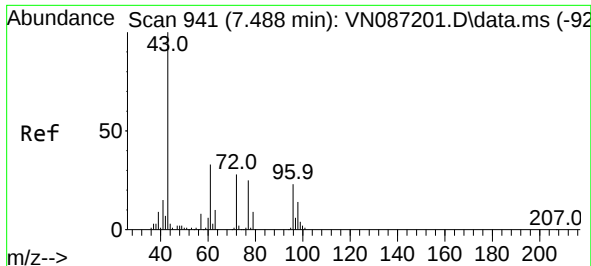
Tgt Ion: 43 Resp: 1645925
 Ion Ratio Lower Upper
 43 100
 86 12.3 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 45.977 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087233.D
 Acq: 27 Jun 2025 19:07

Tgt Ion: 63 Resp: 208990
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 5.0 2.1 6.5

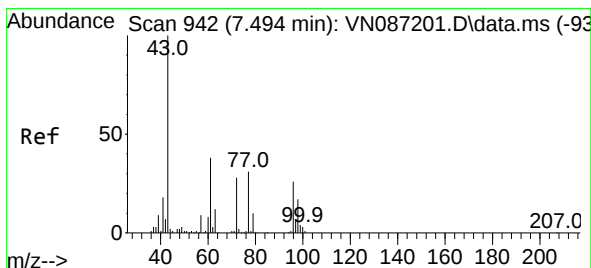
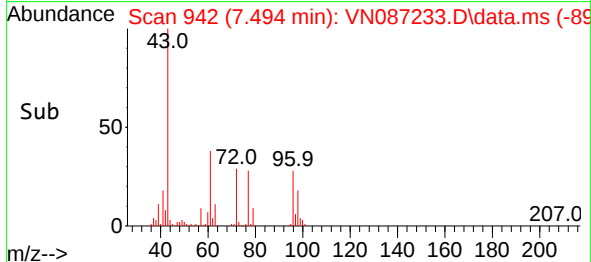
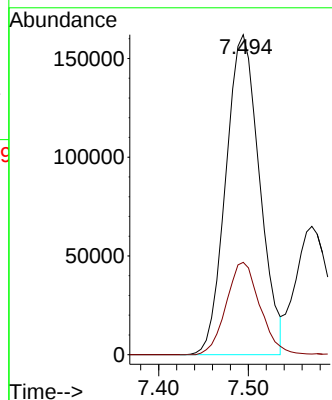
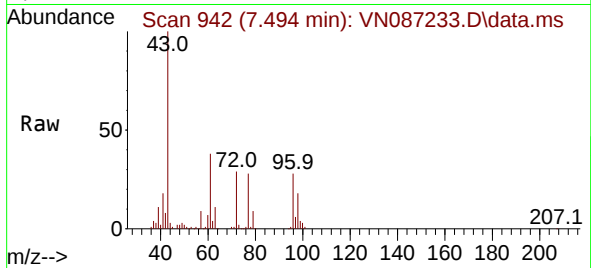




#25
2-Butanone
Concen: 210.732 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

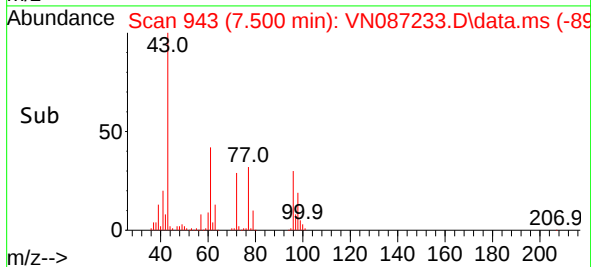
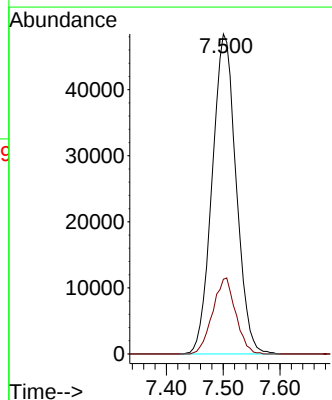
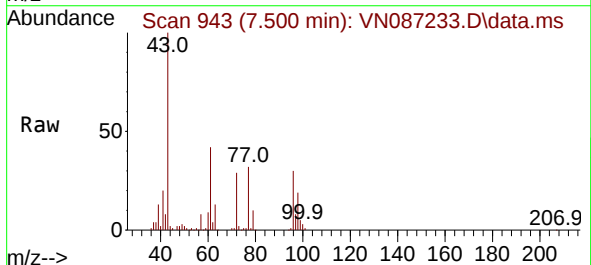
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

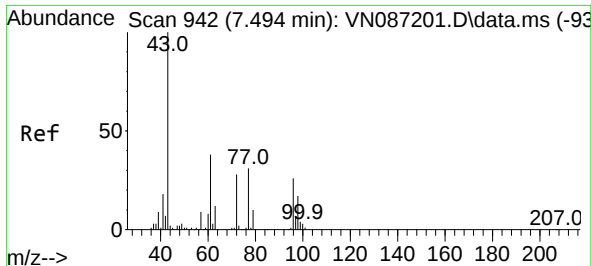
Tgt Ion: 43 Resp: 423601
Ion Ratio Lower Upper
43 100
72 28.9 22.2 33.2



#26
2,2-Dichloropropane
Concen: 39.229 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 77 Resp: 141746
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.3

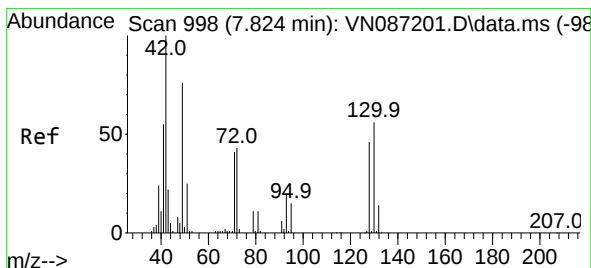
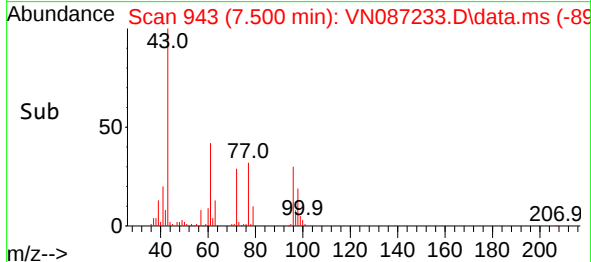
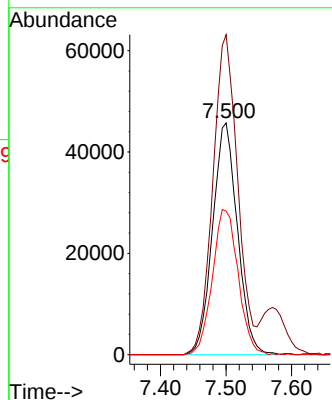
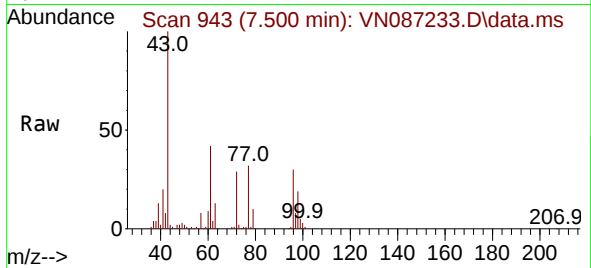




#27
 cis-1,2-Dichloroethene
 Concen: 43.139 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN087233.D
 Acq: 27 Jun 2025 19:07

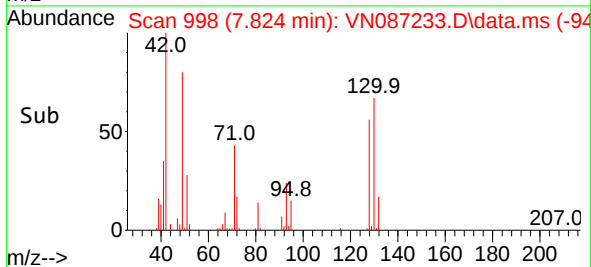
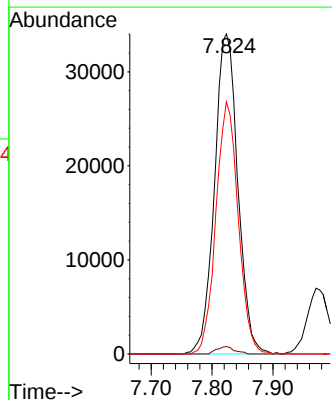
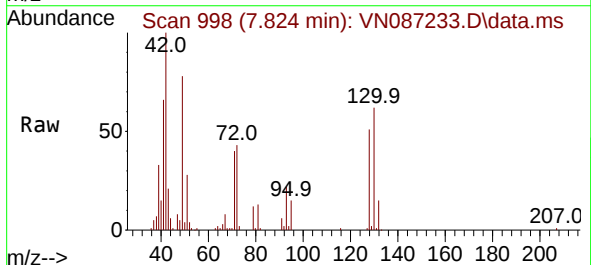
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

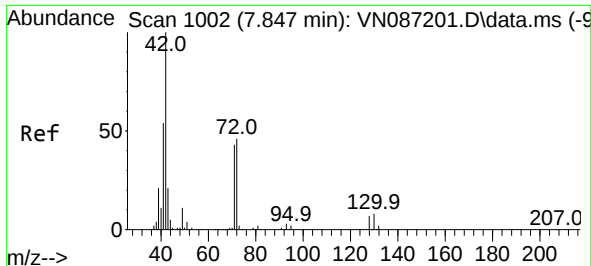
Tgt Ion: 96 Resp: 120226
 Ion Ratio Lower Upper
 96 100
 61 138.5 0.0 290.4
 98 64.8 0.0 126.8



#28
 Bromochloromethane
 Concen: 45.455 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087233.D
 Acq: 27 Jun 2025 19:07

Tgt Ion: 49 Resp: 90832
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.2
 130 75.0 60.0 90.0





#29

Tetrahydrofuran

Concen: 260.565 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

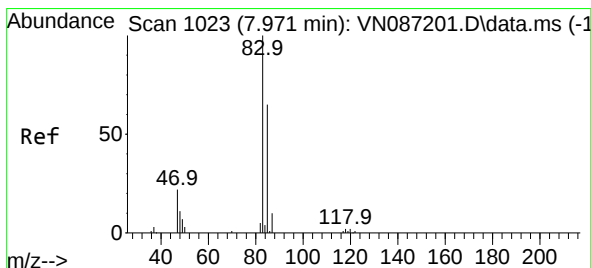
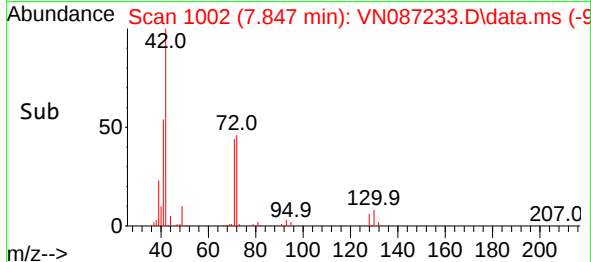
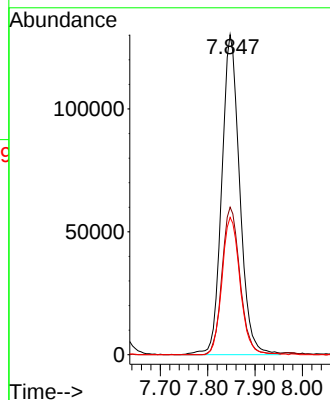
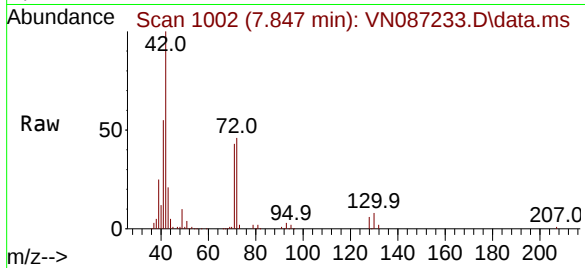
Tgt Ion: 42 Resp: 343407

Ion Ratio Lower Upper

42 100

72 46.1 36.9 55.3

71 43.1 35.0 52.4



#30

Chloroform

Concen: 51.543 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN087233.D

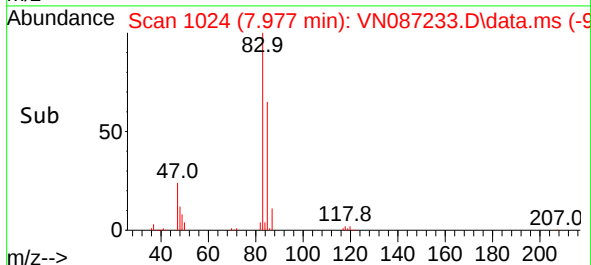
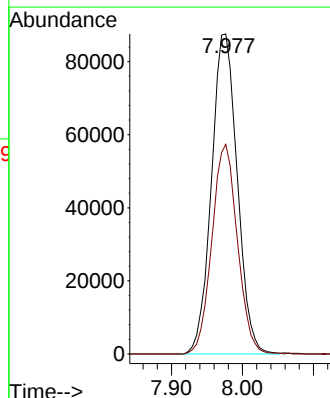
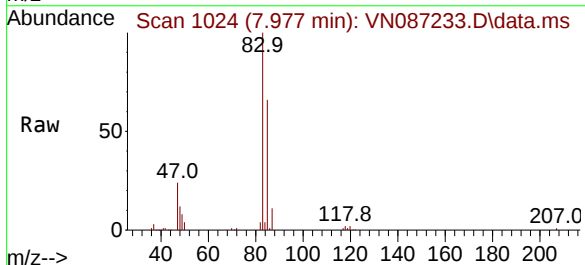
Acq: 27 Jun 2025 19:07

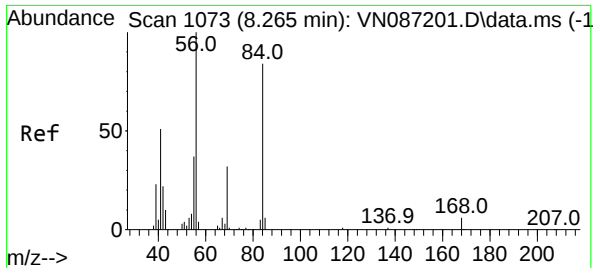
Tgt Ion: 83 Resp: 220998

Ion Ratio Lower Upper

83 100

85 65.5 52.0 78.0

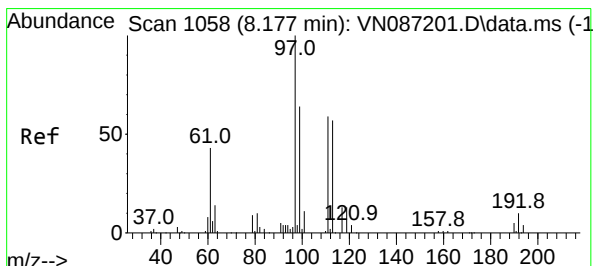
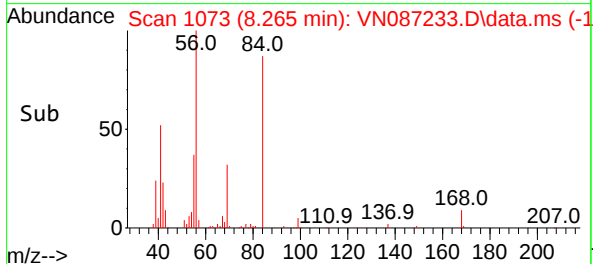
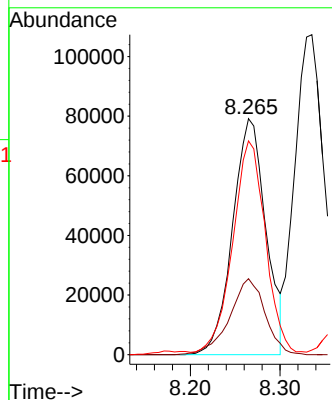
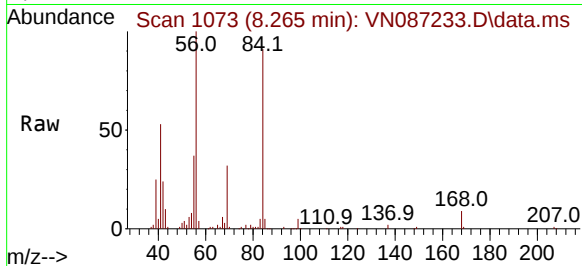




#31
Cyclohexane
Concen: 49.691 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

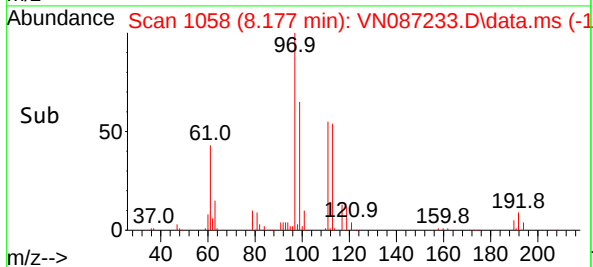
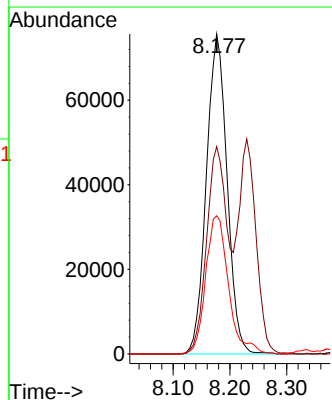
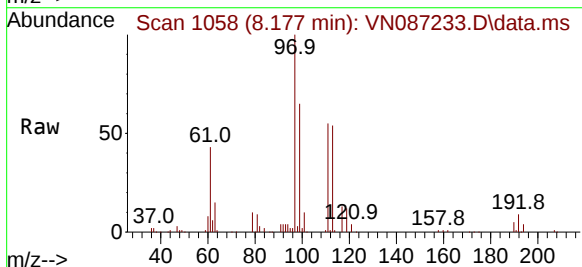
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

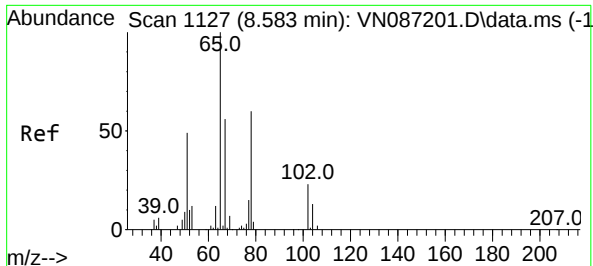
Tgt Ion: 56 Resp: 203967
Ion Ratio Lower Upper
56 100
69 32.0 25.3 37.9
84 89.2 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 51.937 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 97 Resp: 191319
Ion Ratio Lower Upper
97 100
99 66.2 49.9 74.9
61 47.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.225 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

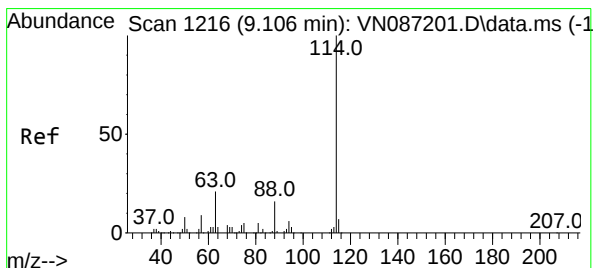
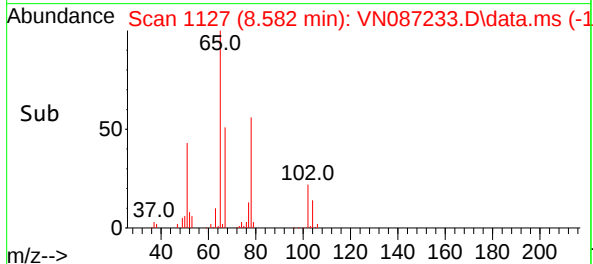
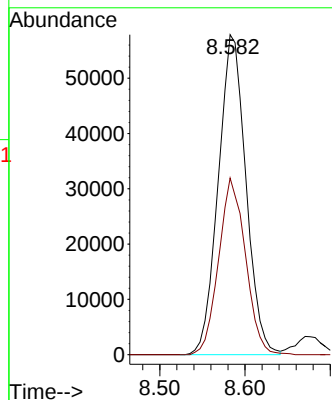
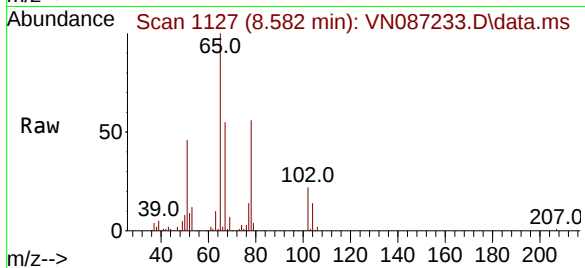
VSTDCCC050EC

Tgt Ion: 65 Resp: 130513

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

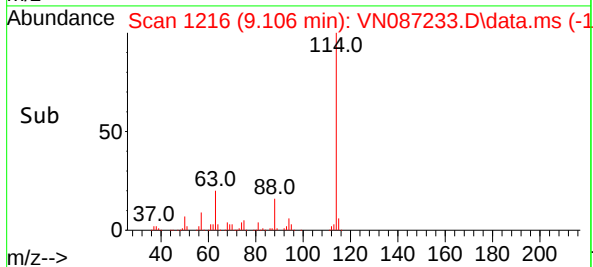
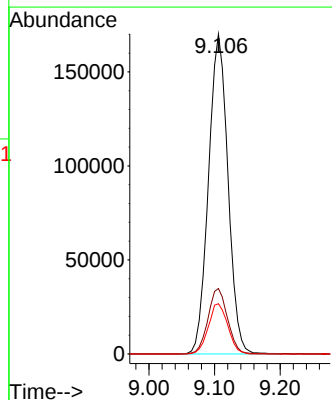
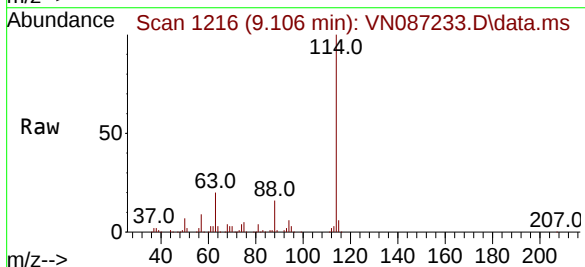
Tgt Ion: 114 Resp: 350893

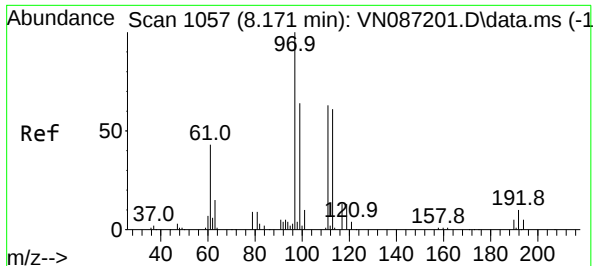
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.0

88 15.7 0.0 32.0

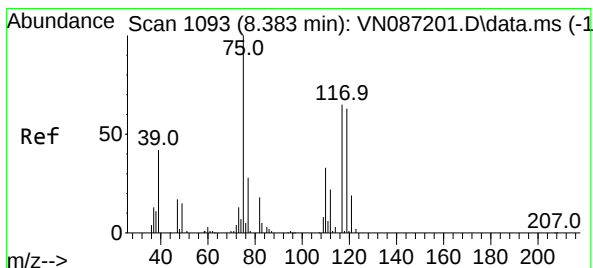
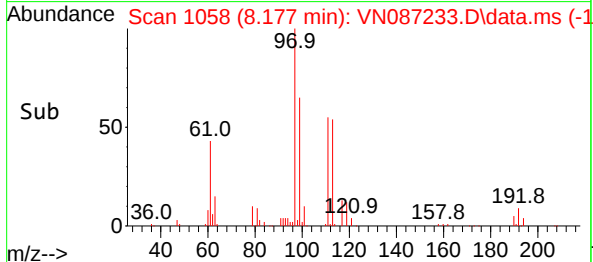
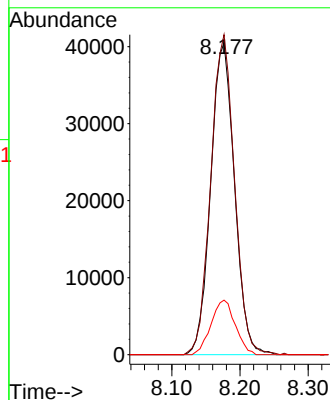
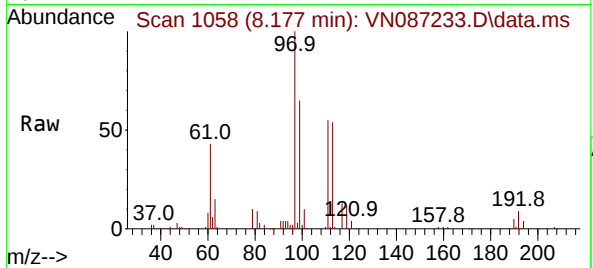




#35
 Dibromofluoromethane
 Concen: 43.283 ug/l
 RT: 8.177 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN087233.D
 Acq: 27 Jun 2025 19:07

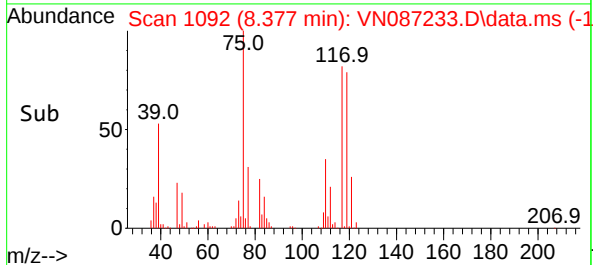
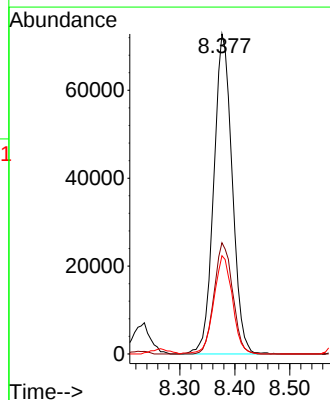
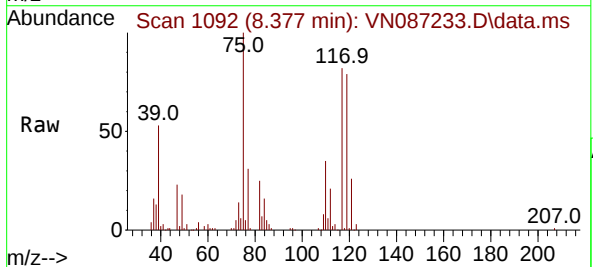
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

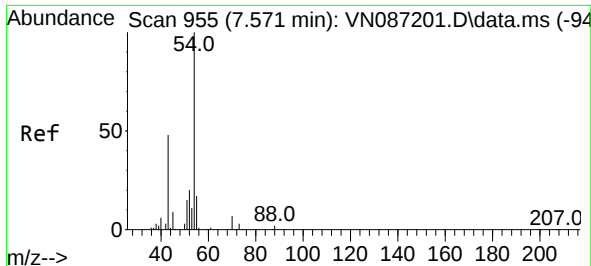
Tgt Ion:113 Resp: 98189
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.6 124.0
 192 17.8 13.5 20.3



#36
 1,1-Dichloropropene
 Concen: 51.033 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. -0.006 min
 Lab File: VN087233.D
 Acq: 27 Jun 2025 19:07

Tgt Ion: 75 Resp: 169576
 Ion Ratio Lower Upper
 75 100
 110 34.9 16.9 50.6
 77 31.1 24.7 37.1

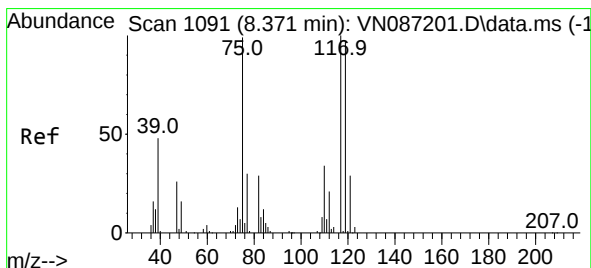
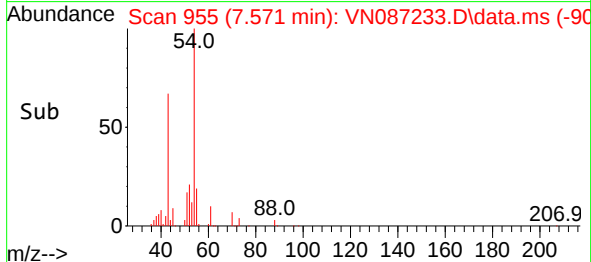
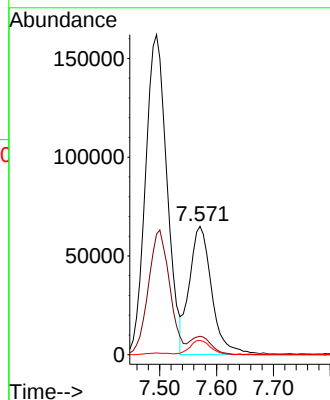
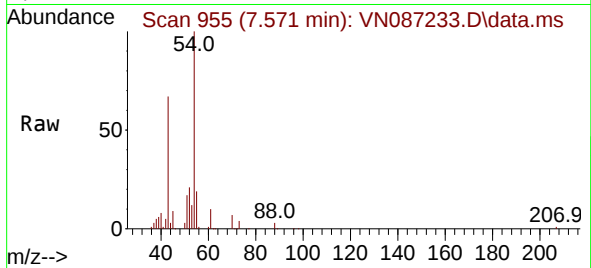




#37
Ethyl Acetate
Concen: 40.813 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

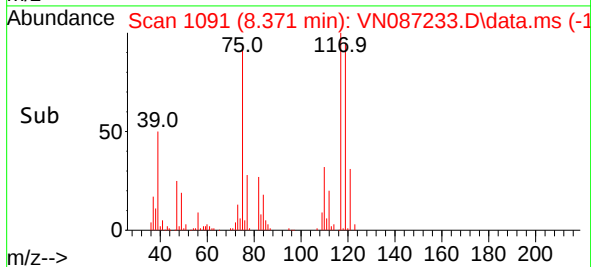
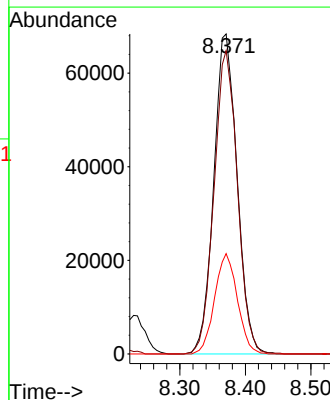
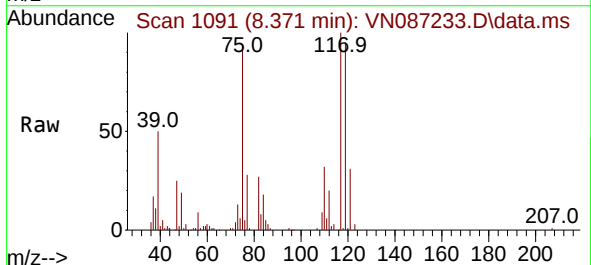
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

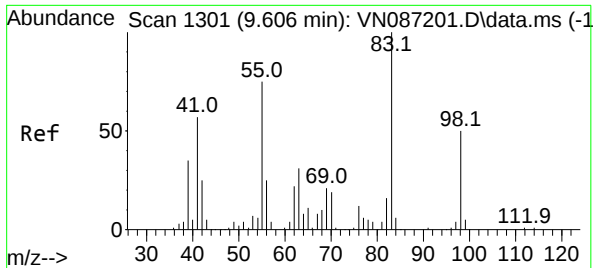
Tgt Ion: 43 Resp: 176485
Ion Ratio Lower Upper
43 100
61 13.2 10.8 16.2
70 10.6 8.9 13.3



#38
Carbon Tetrachloride
Concen: 52.134 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 117 Resp: 168716
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.0
121 31.3 23.2 34.8

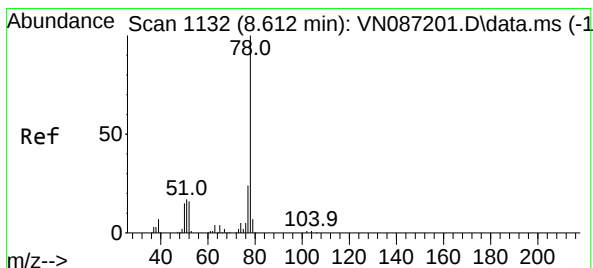
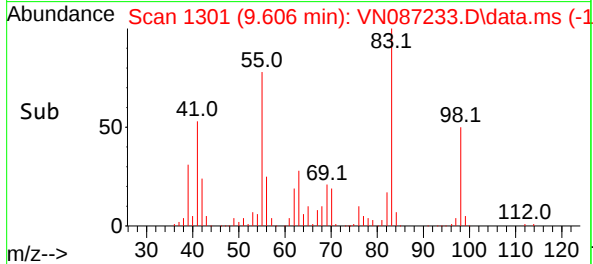
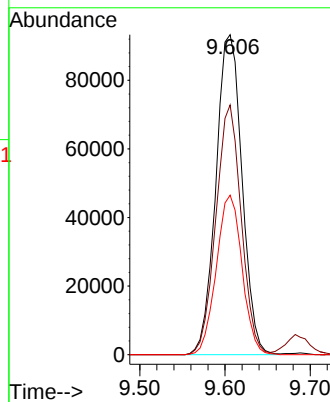
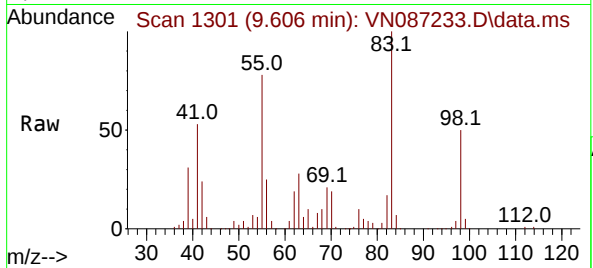




#39
Methylcyclohexane
Concen: 49.140 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

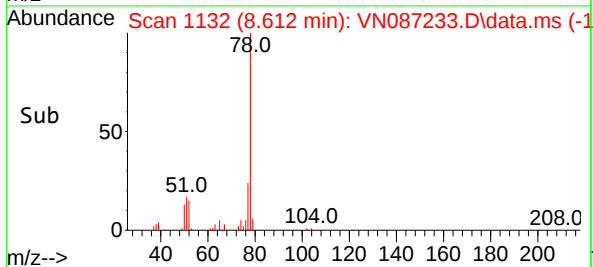
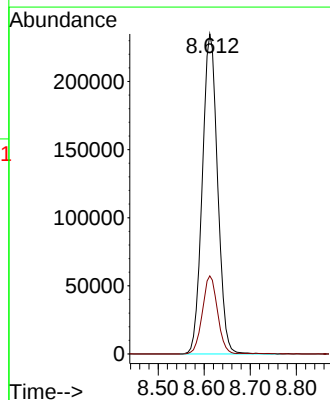
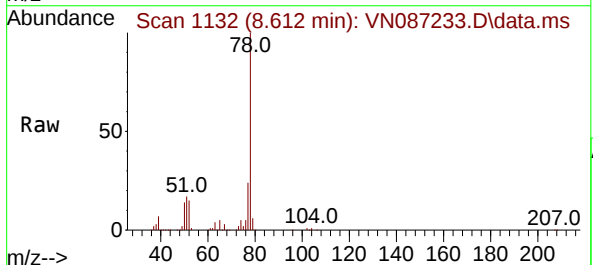
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

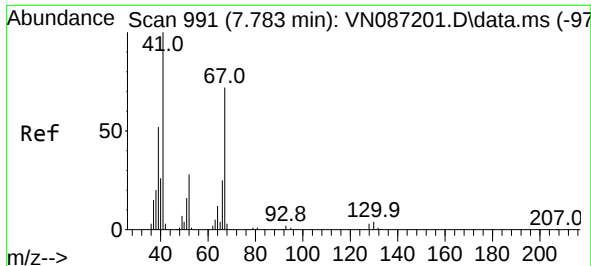
Tgt Ion: 83 Resp: 199219
Ion Ratio Lower Upper
83 100
55 78.1 59.8 89.8
98 49.9 39.8 59.8



#40
Benzene
Concen: 52.920 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 78 Resp: 543327
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6

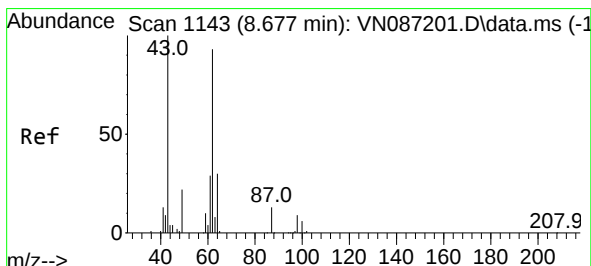
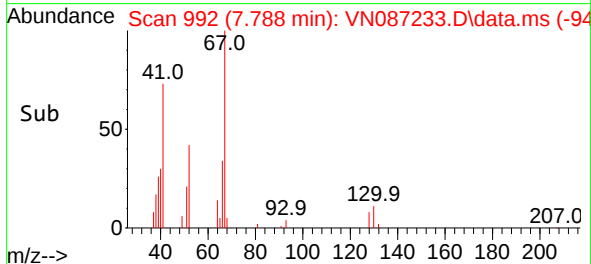
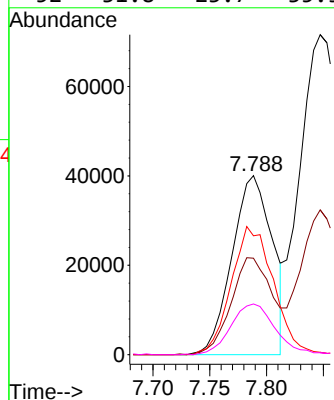
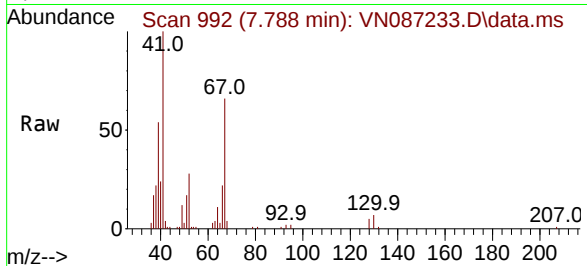




#41
Methacrylonitrile
Concen: 45.285 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

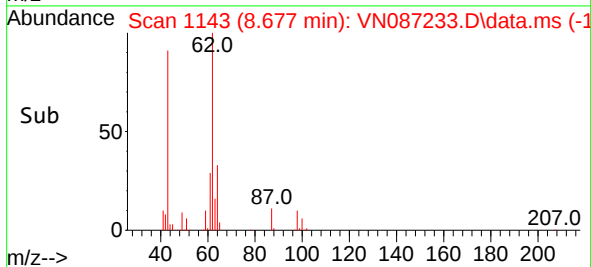
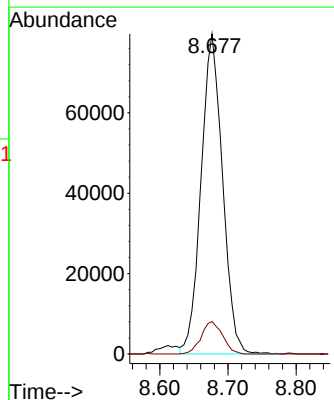
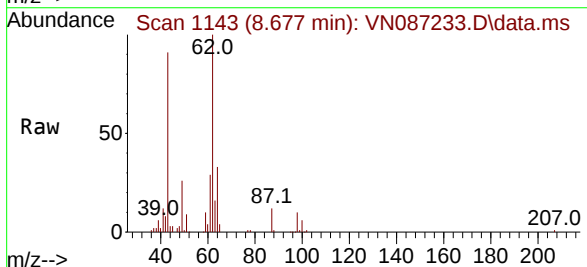
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

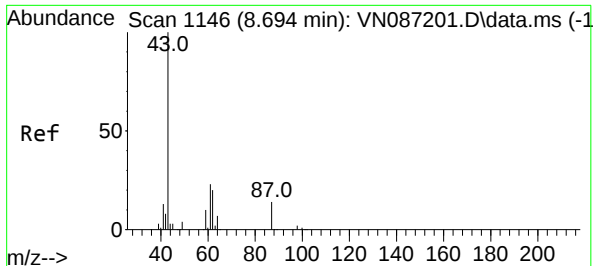
Tgt Ion:	41	Resp:	98481
Ion	Ratio	Lower	Upper
41	100		
39	58.3	41.3	61.9
67	75.9	60.2	90.2
52	31.8	23.7	35.5



#42
1,2-Dichloroethane
Concen: 52.315 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion:	62	Resp:	174611
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	18.4

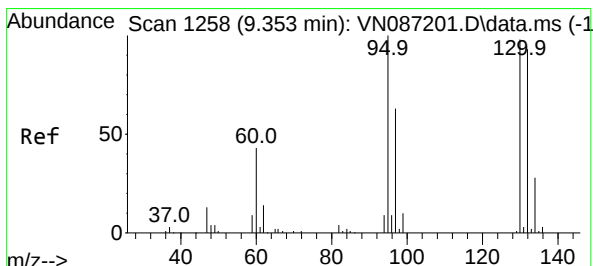
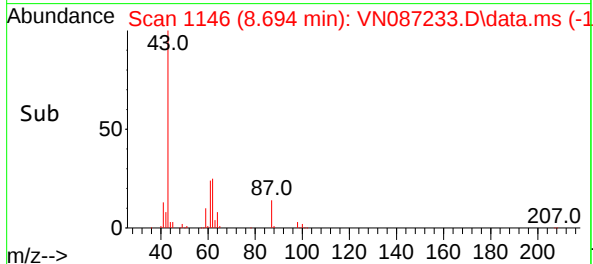
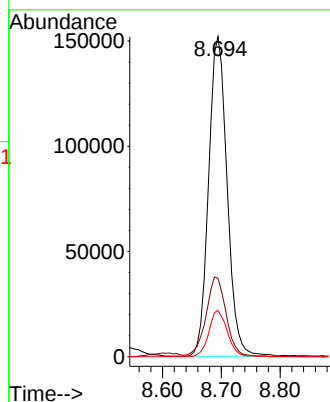
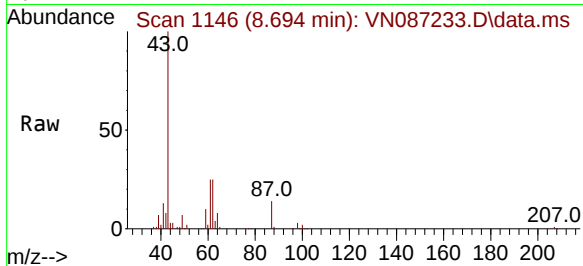




#43
Isopropyl Acetate
Concen: 54.458 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

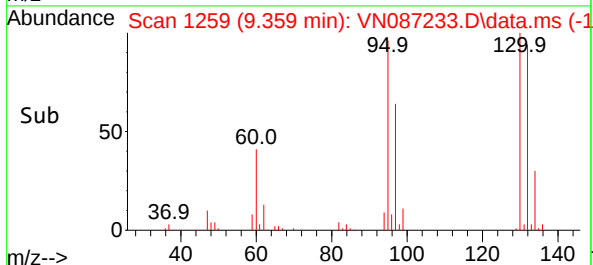
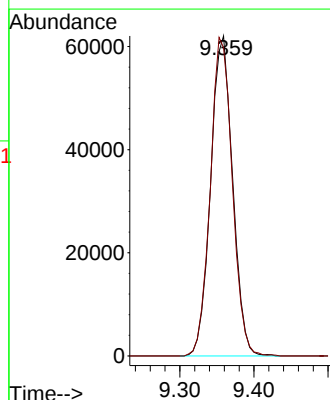
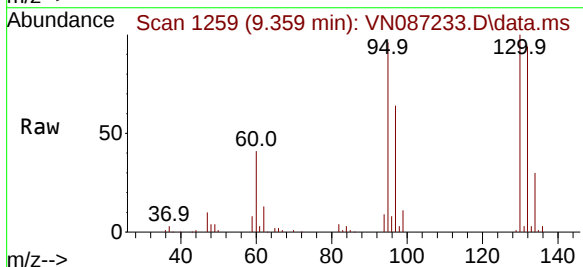
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

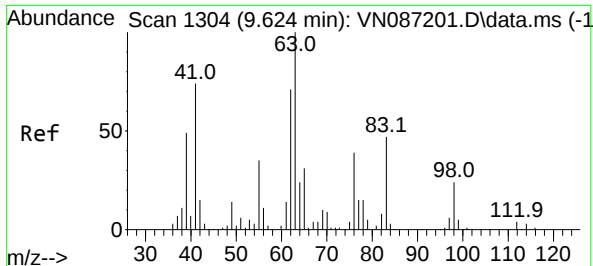
Tgt Ion: 43 Resp: 332672
Ion Ratio Lower Upper
43 100
61 27.2 21.0 31.6
87 14.4 11.0 16.6



#44
Trichloroethene
Concen: 51.904 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion:130 Resp: 127590
Ion Ratio Lower Upper
130 100
95 96.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.337 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

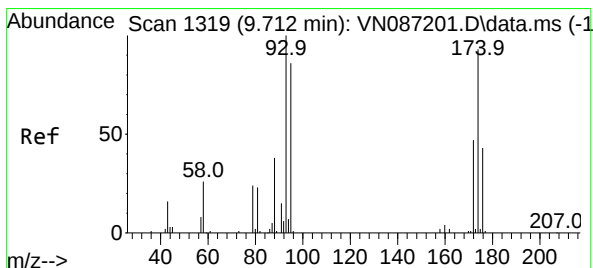
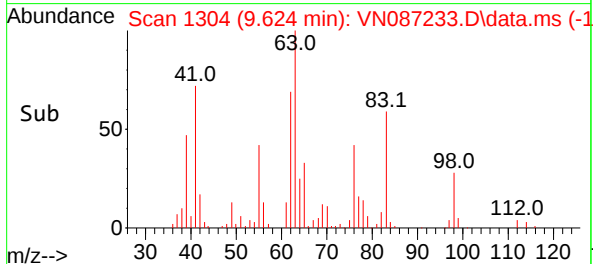
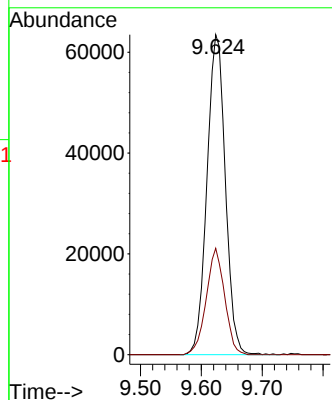
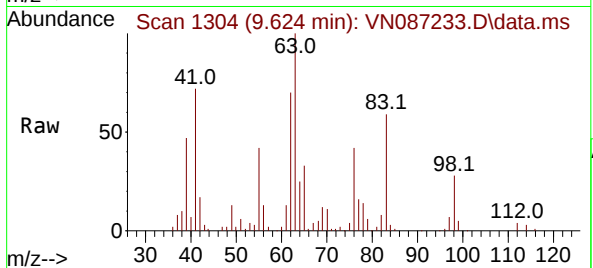
VSTDCCC050EC

Tgt Ion: 63 Resp: 133211

Ion Ratio Lower Upper

63 100

65 33.2 24.7 37.1



#46

Dibromomethane

Concen: 51.273 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

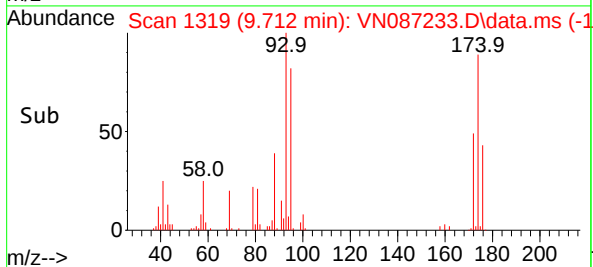
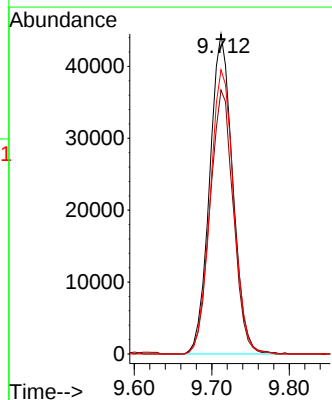
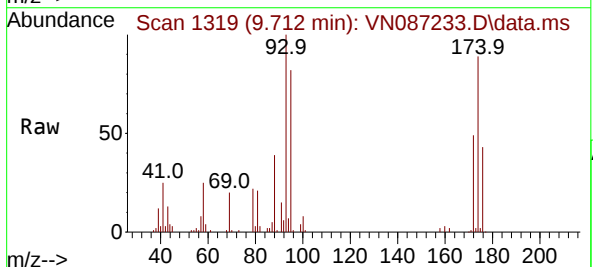
Tgt Ion: 93 Resp: 91953

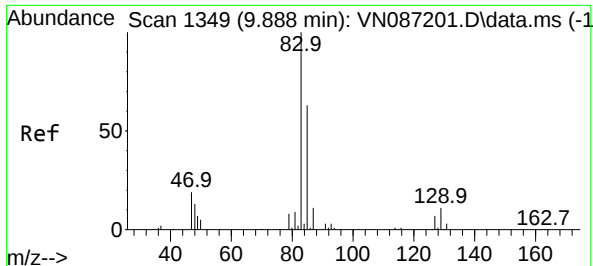
Ion Ratio Lower Upper

93 100

95 83.3 67.4 101.2

174 90.2 72.3 108.5

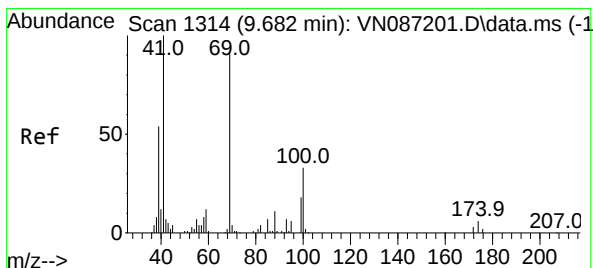
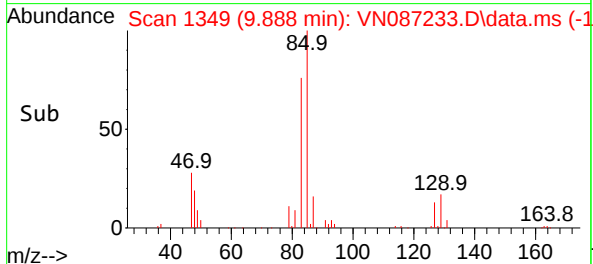
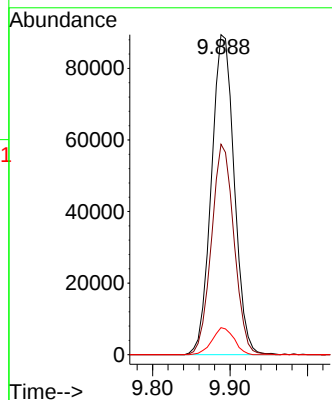
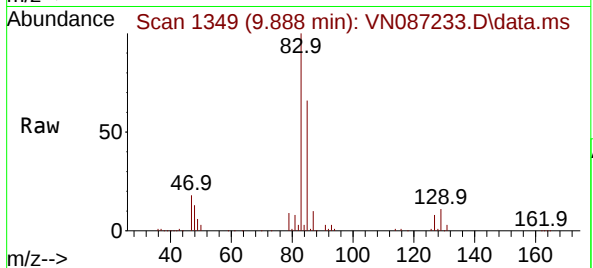




#47
Bromodichloromethane
Concen: 50.829 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

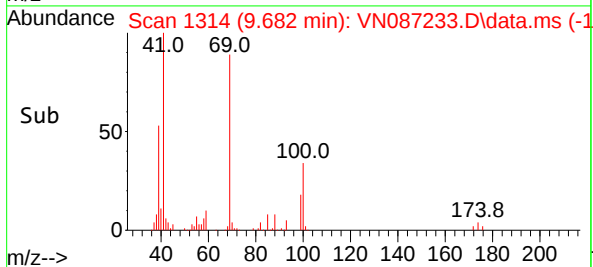
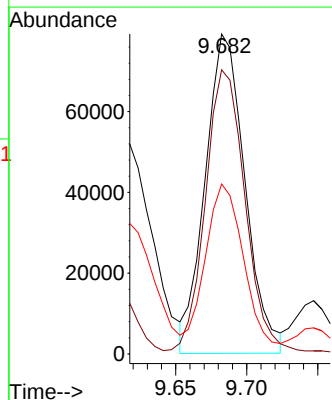
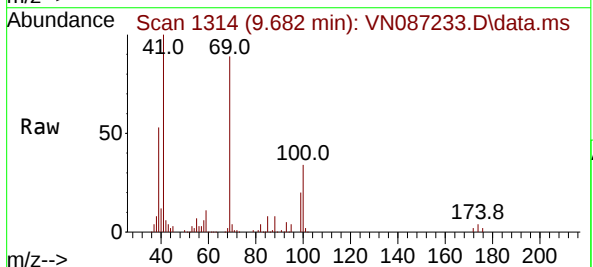
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

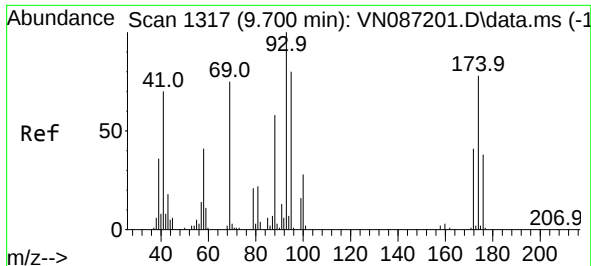
Tgt Ion: 83 Resp: 183079
Ion Ratio Lower Upper
83 100
85 65.8 50.0 75.0
127 8.5 6.0 9.0



#48
Methyl methacrylate
Concen: 52.056 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 41 Resp: 153747
Ion Ratio Lower Upper
41 100
69 90.1 69.9 104.9
39 52.4 43.8 65.6

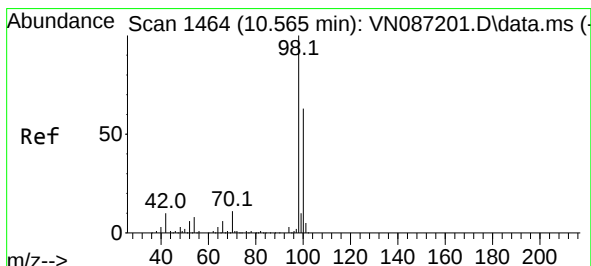
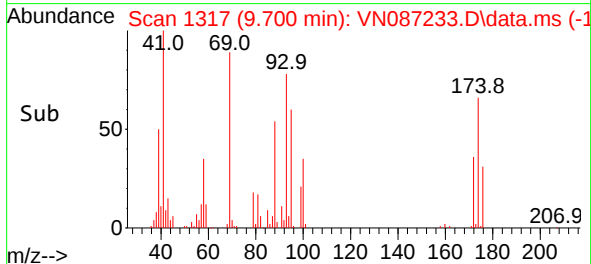
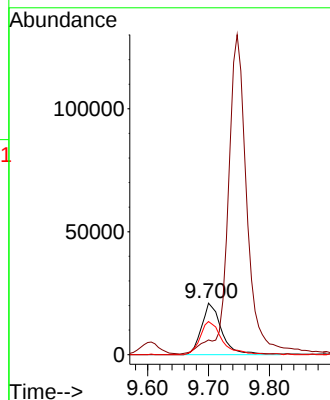
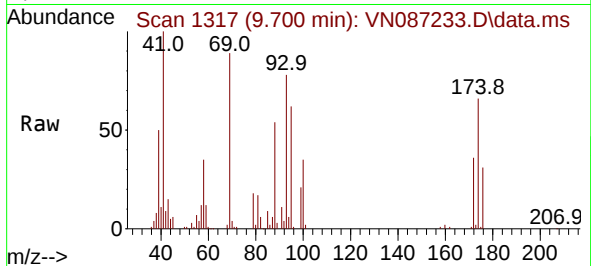




#49
1,4-Dioxane
Concen: 986.293 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

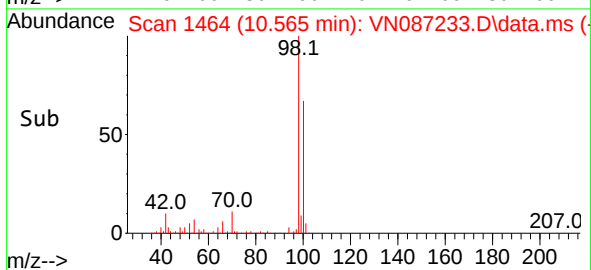
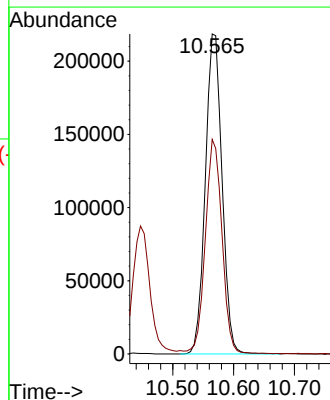
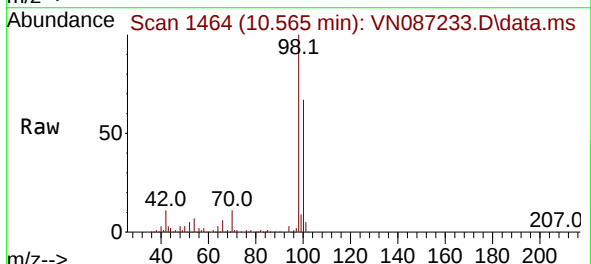
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

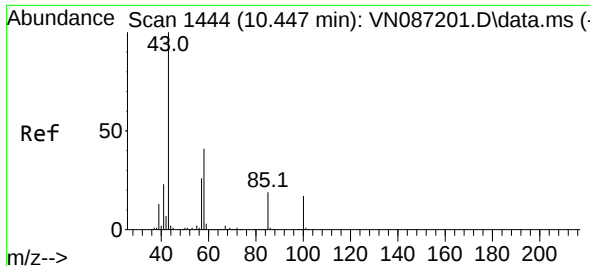
Tgt Ion: 88 Resp: 48130
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 70.4 59.2 88.8



#50
Toluene-d8
Concen: 44.463 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 98 Resp: 417177
Ion Ratio Lower Upper
98 100
100 66.8 52.7 79.1

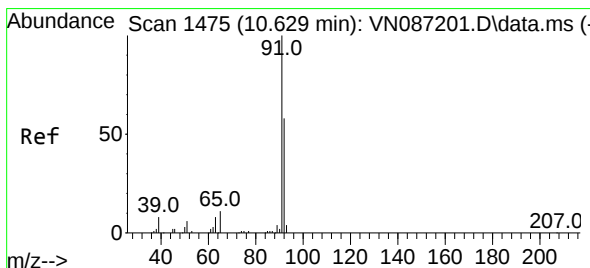
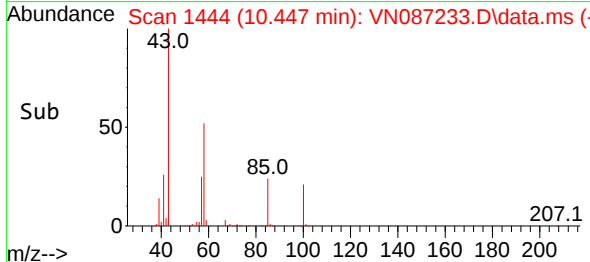
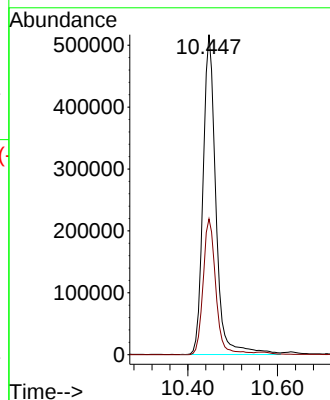
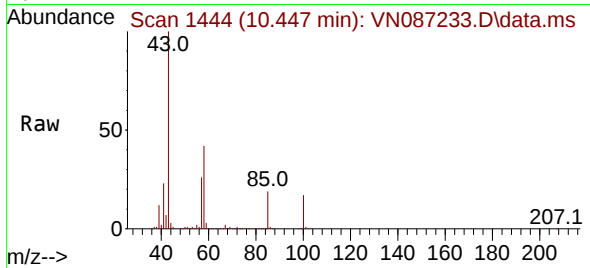




#51
4-Methyl-2-Pentanone
Concen: 238.099 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

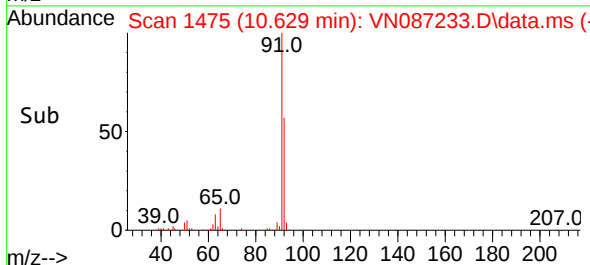
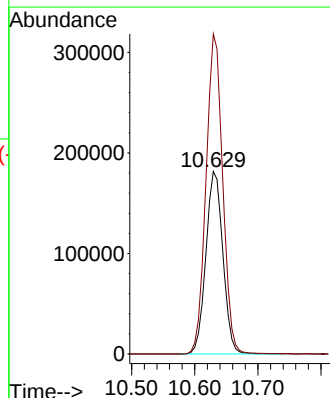
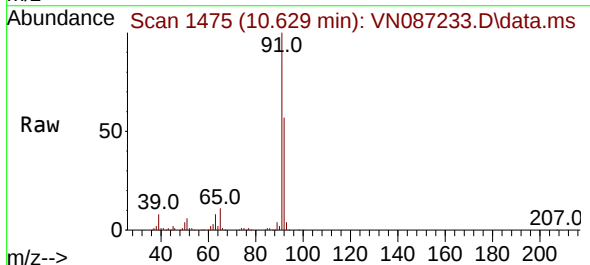
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

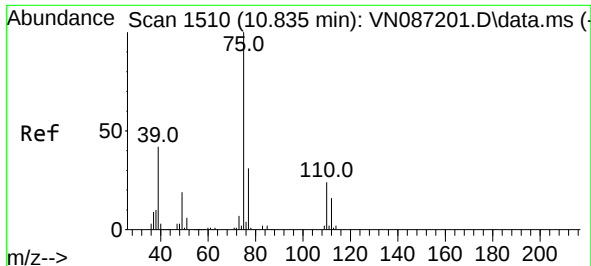
Tgt Ion: 43 Resp: 1028479
Ion Ratio Lower Upper
43 100
58 42.0 32.6 48.8



#52
Toluene
Concen: 51.709 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 92 Resp: 339398
Ion Ratio Lower Upper
92 100
91 172.4 138.2 207.2

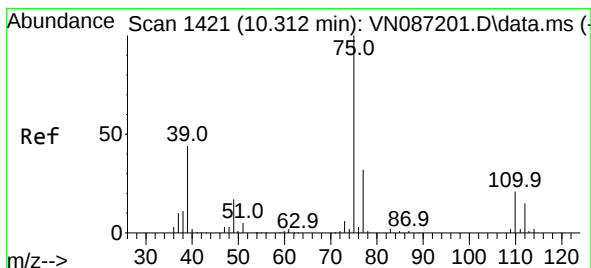
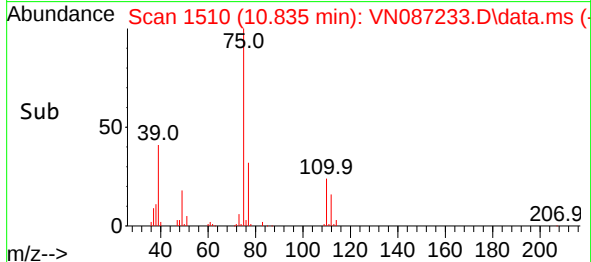
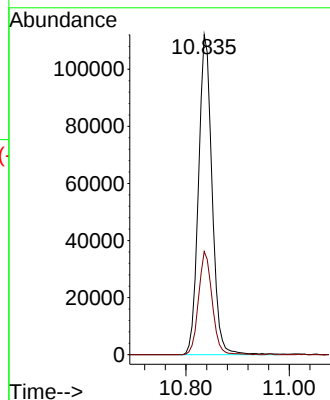
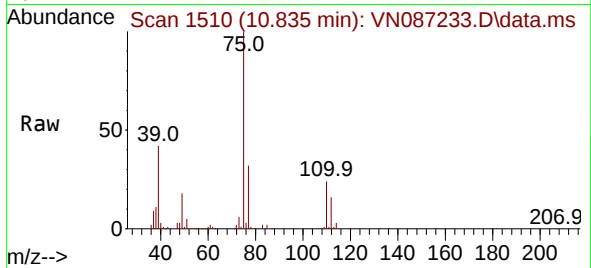




#53
 t-1,3-Dichloropropene
 Concen: 50.763 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN087233.D
 Acq: 27 Jun 2025 19:07

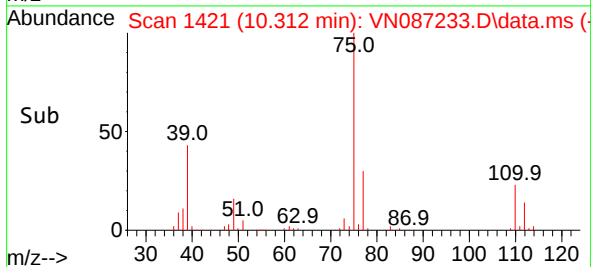
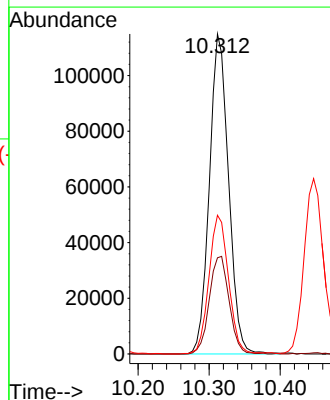
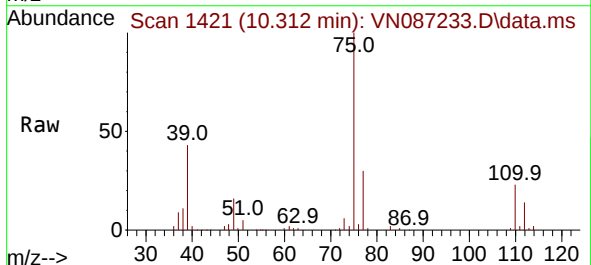
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

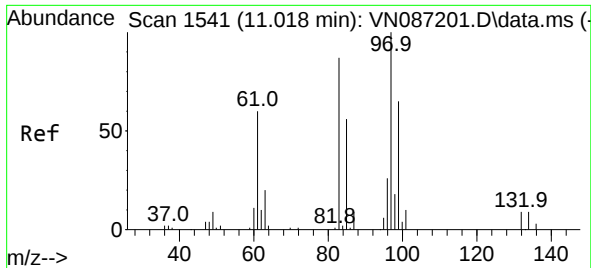
Tgt Ion: 75 Resp: 203873
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.394 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN087233.D
 Acq: 27 Jun 2025 19:07

Tgt Ion: 75 Resp: 215346
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.4 38.2
 39 43.3 34.9 52.3



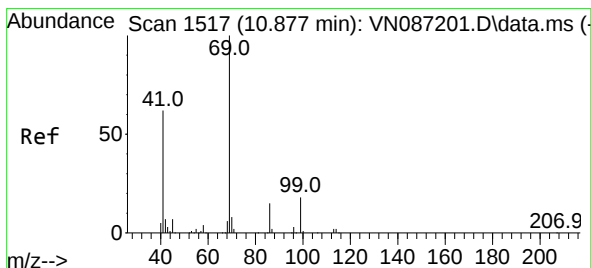
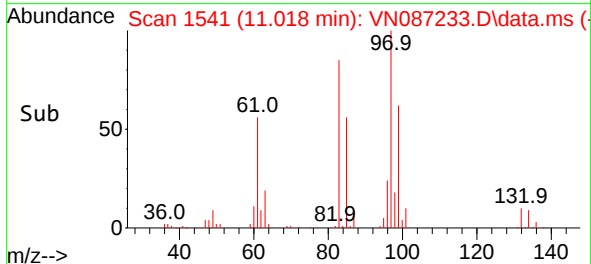
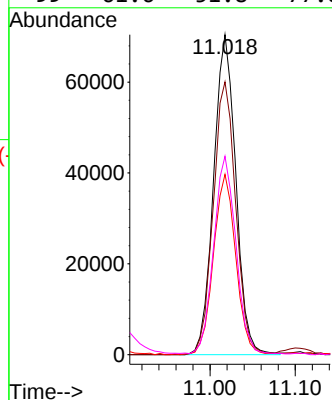
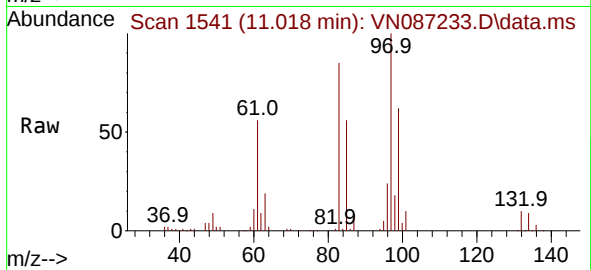


#55
1,1,2-Trichloroethane
Concen: 51.348 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 127463

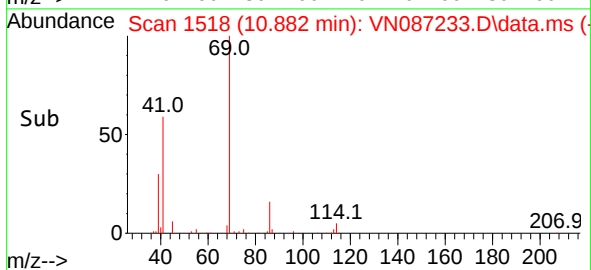
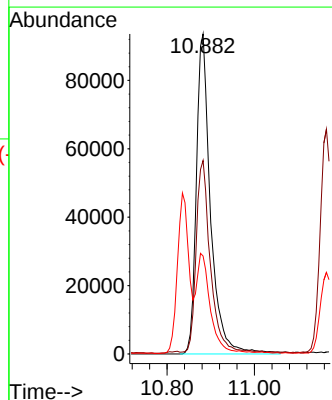
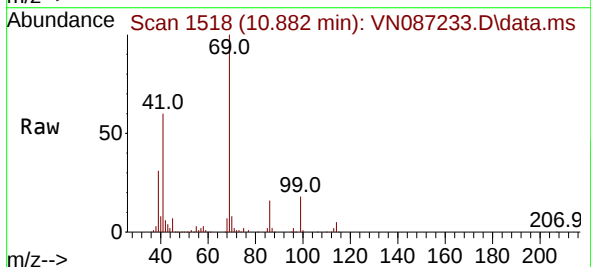
Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.5	104.3
85	56.4	44.7	67.1
99	61.6	51.8	77.8

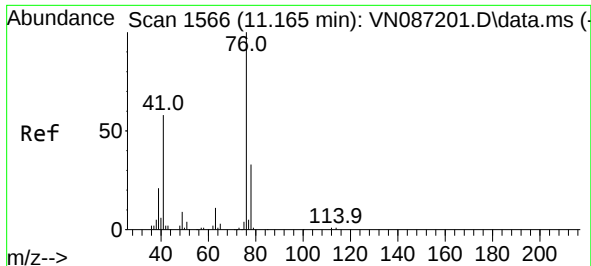


#56
Ethyl methacrylate
Concen: 50.598 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 69 Resp: 211850

Ion	Ratio	Lower	Upper
69	100		
41	59.2	48.4	72.6
39	30.0	24.1	36.1





#57

1,3-Dichloropropane

Concen: 50.753 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

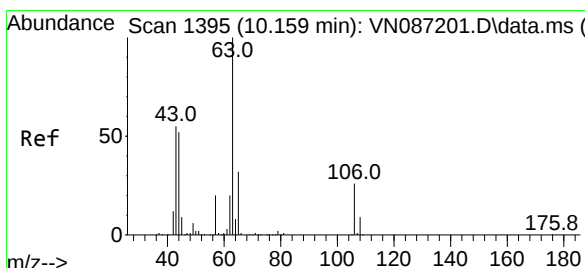
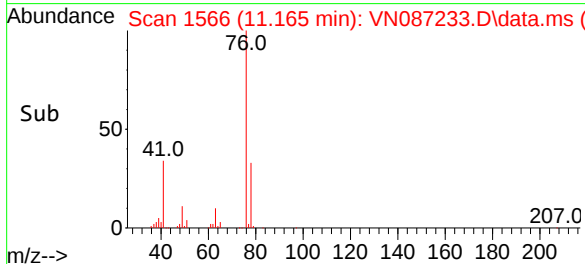
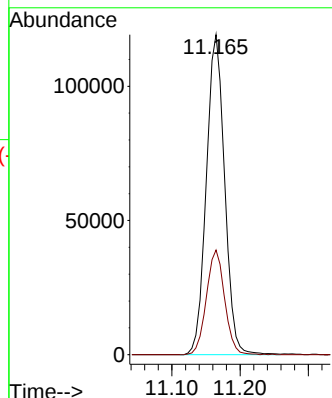
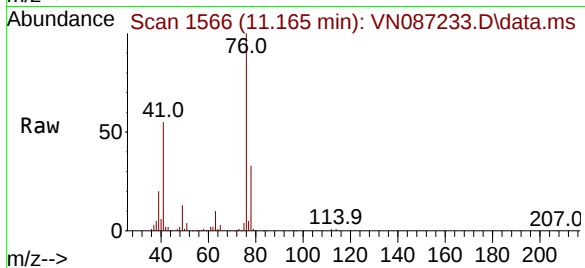
VSTDCCC050EC

Tgt Ion: 76 Resp: 222588

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 263.449 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN087233.D

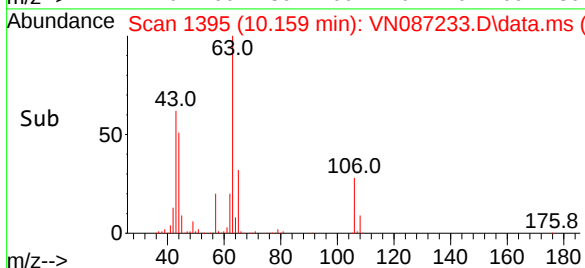
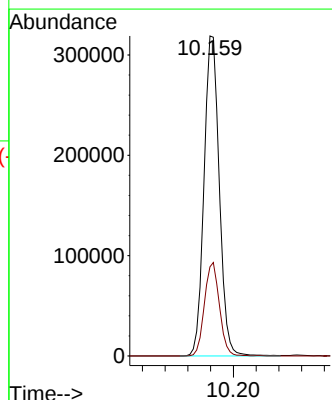
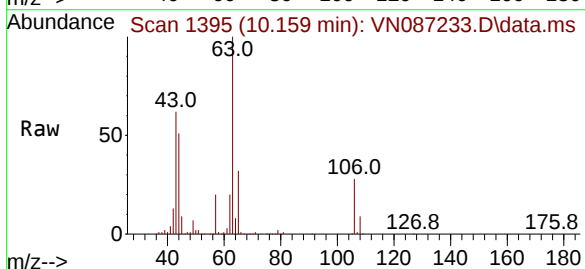
Acq: 27 Jun 2025 19:07

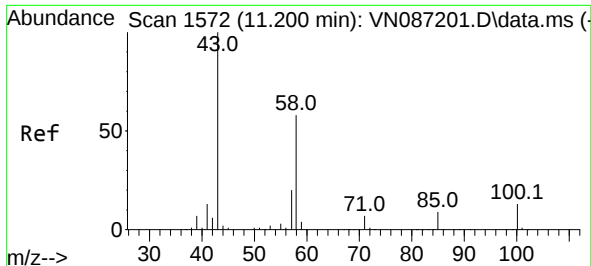
Tgt Ion: 63 Resp: 594470

Ion Ratio Lower Upper

63 100

106 28.6 21.7 32.5

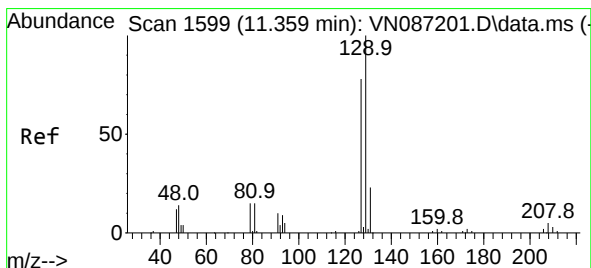
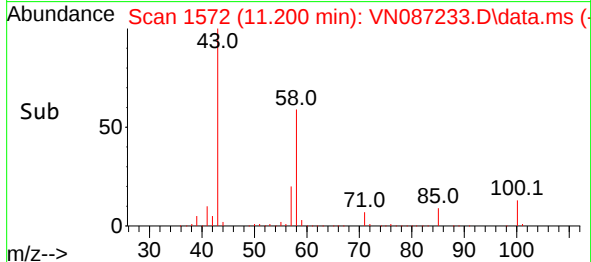
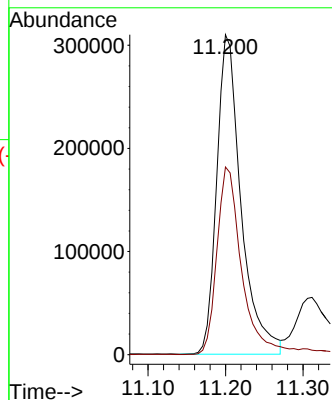
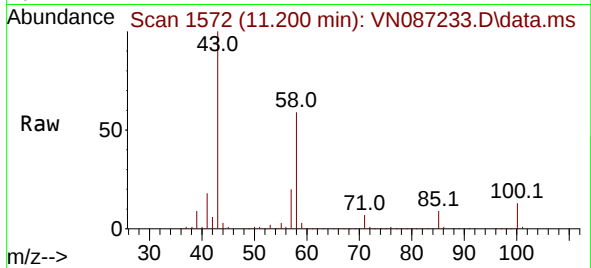




#59
2-Hexanone
Concen: 248.616 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

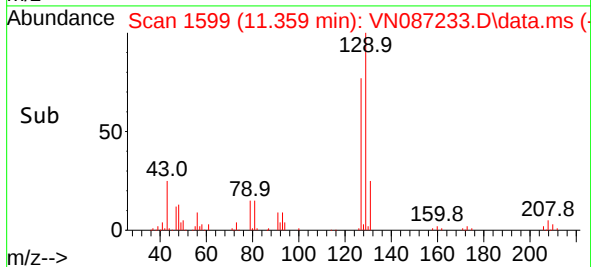
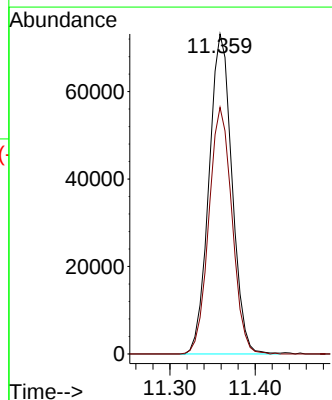
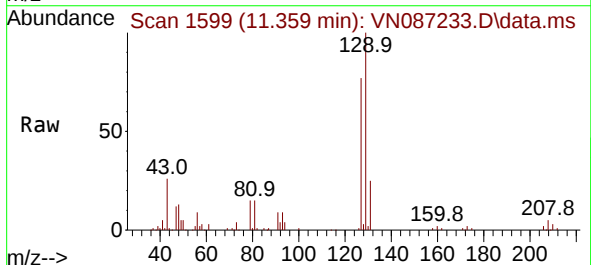
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

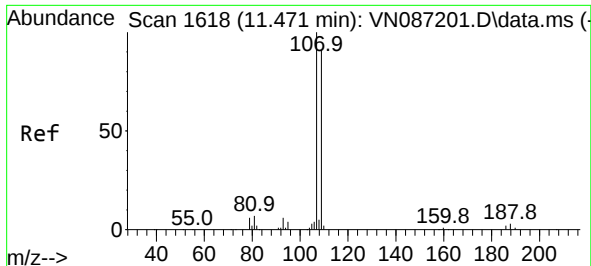
Tgt Ion: 43 Resp: 675665
Ion Ratio Lower Upper
43 100
58 59.9 31.1 93.3



#60
Dibromochloromethane
Concen: 50.861 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion:129 Resp: 137306
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6

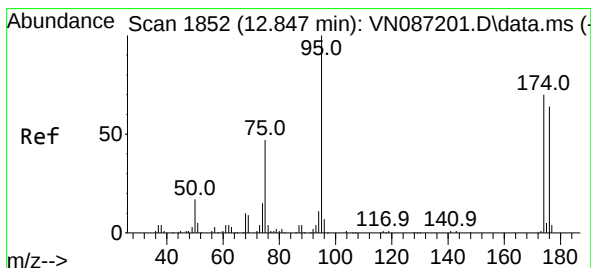
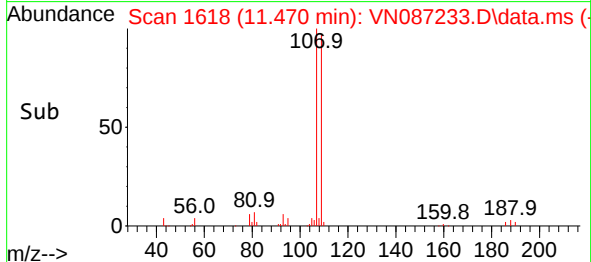
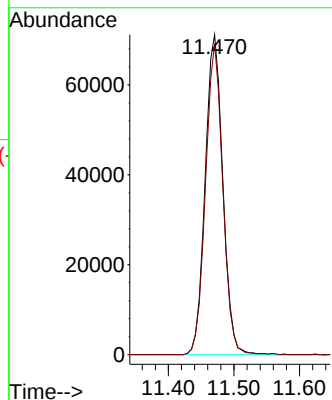
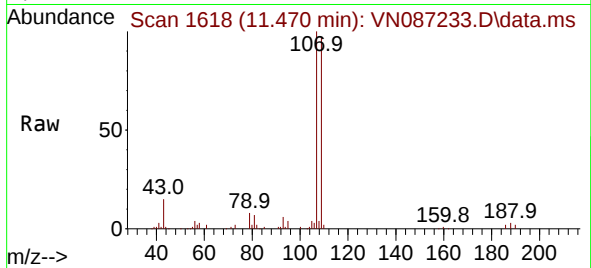




#61
1,2-Dibromoethane
Concen: 50.758 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

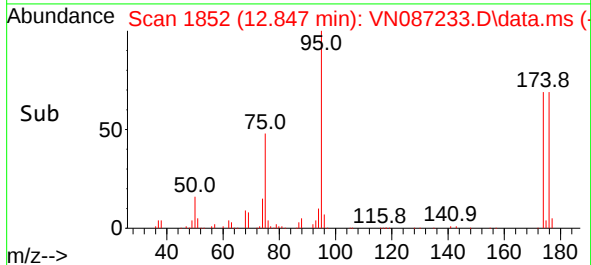
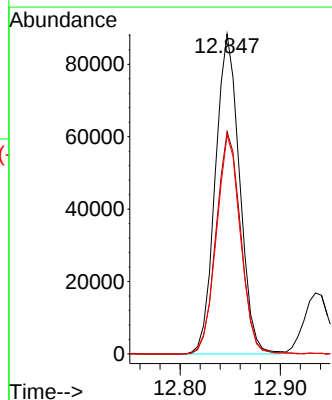
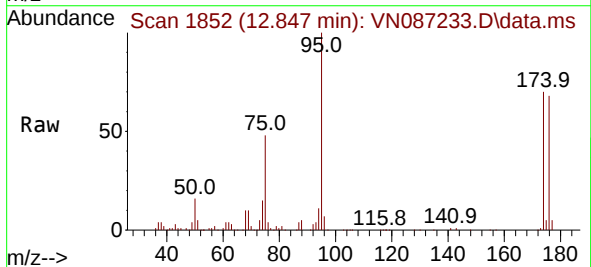
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

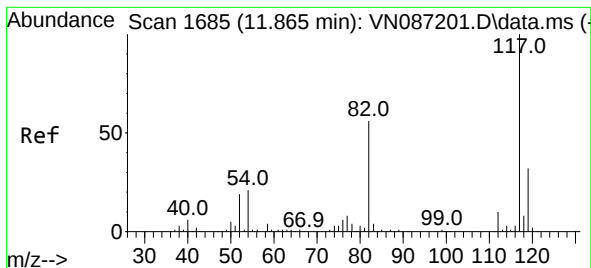
Tgt Ion:107 Resp: 133189
Ion Ratio Lower Upper
107 100
109 95.0 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 45.573 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 95 Resp: 148372
Ion Ratio Lower Upper
95 100
174 70.1 0.0 142.2
176 67.9 0.0 134.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

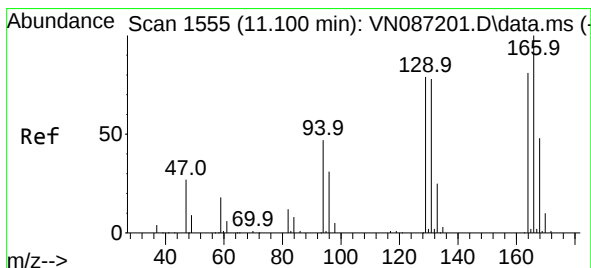
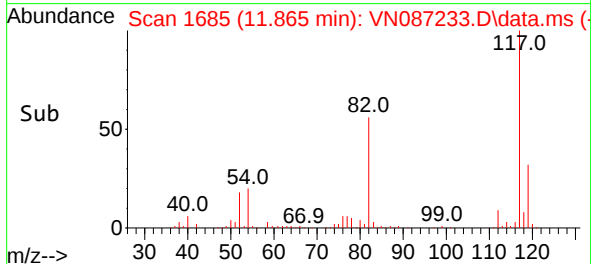
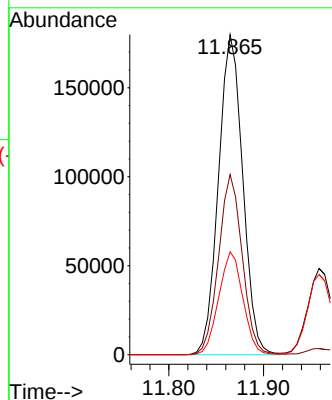
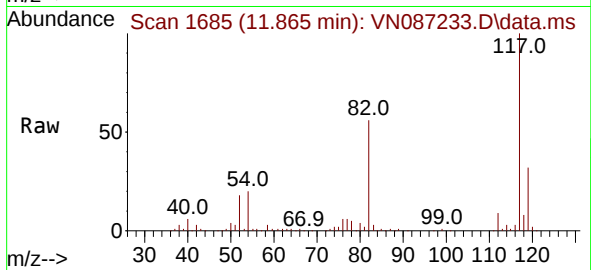
Tgt Ion:117 Resp: 320349

Ion Ratio Lower Upper

117 100

82 56.3 45.0 67.4

119 32.2 25.9 38.9



#64

Tetrachloroethene

Concen: 51.783 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

Tgt Ion:164 Resp: 101530

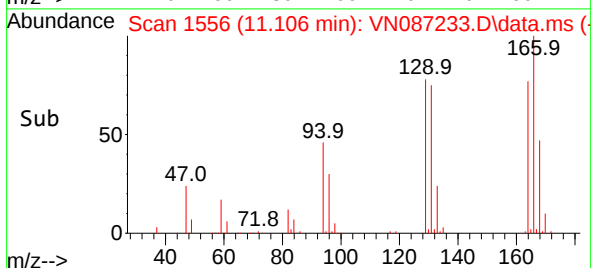
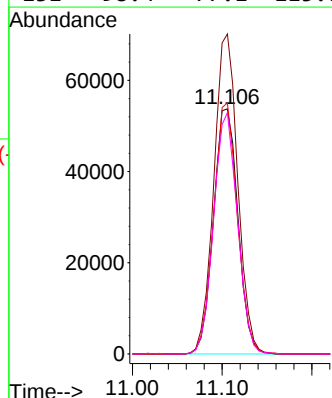
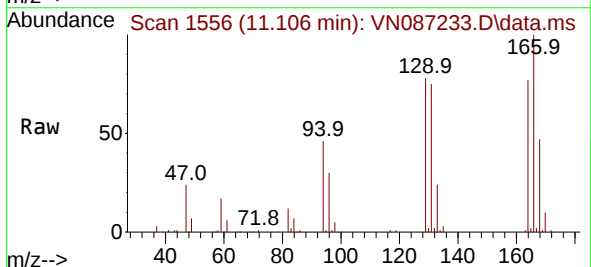
Ion Ratio Lower Upper

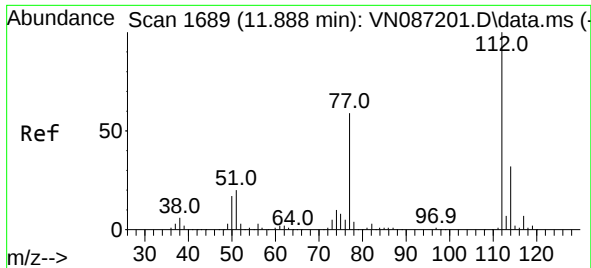
164 100

166 130.5 98.8 148.2

129 102.4 78.3 117.5

131 98.4 77.1 115.7

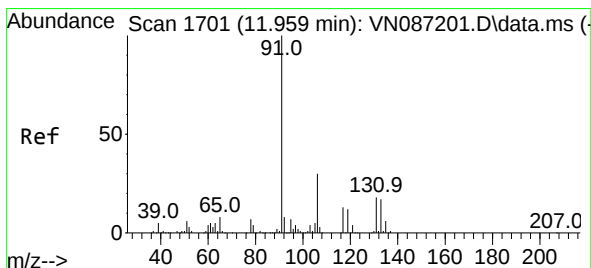
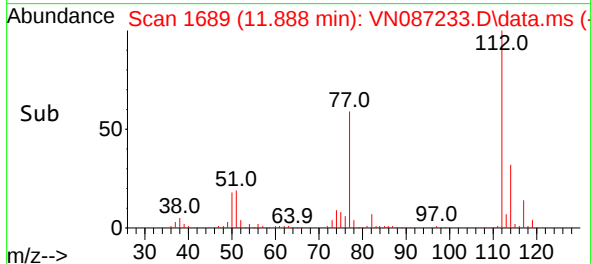
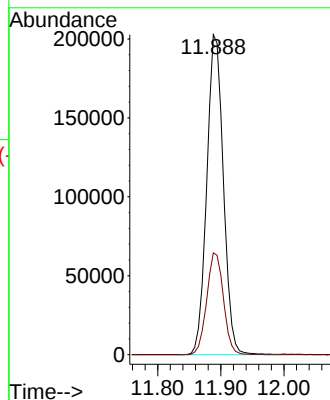
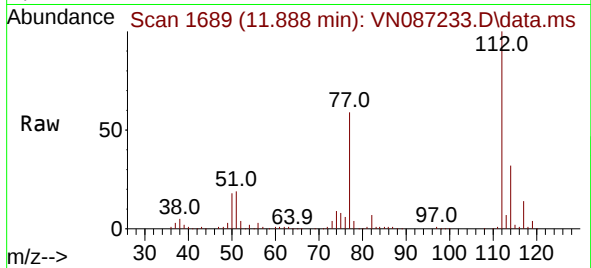




#65
Chlorobenzene
Concen: 51.983 ug/l
RT: 11.888 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

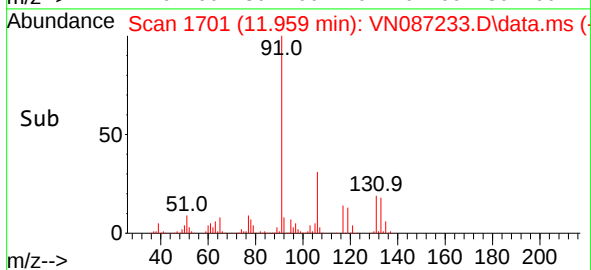
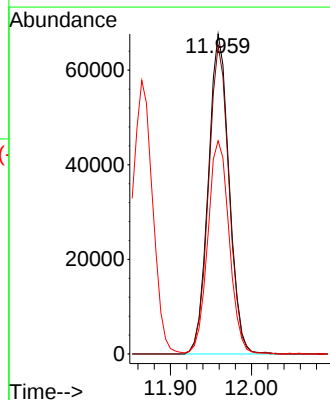
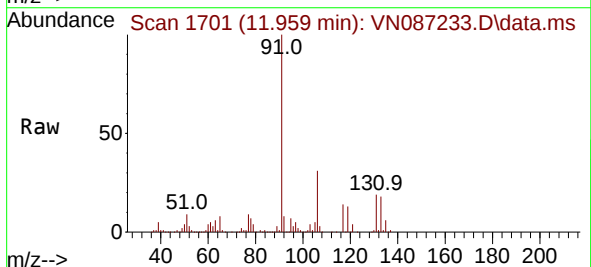
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

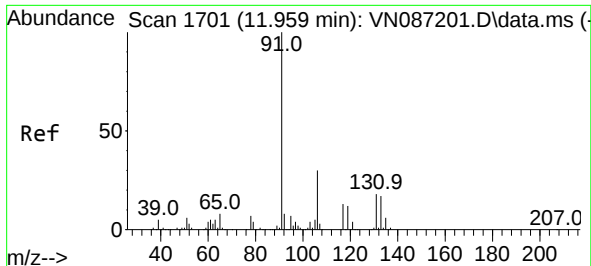
Tgt Ion:112 Resp: 369367
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.949 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion:131 Resp: 120173
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.6
119 68.7 34.6 103.9





#67

Ethyl Benzene

Concen: 53.236 ug/l

RT: 11.965 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

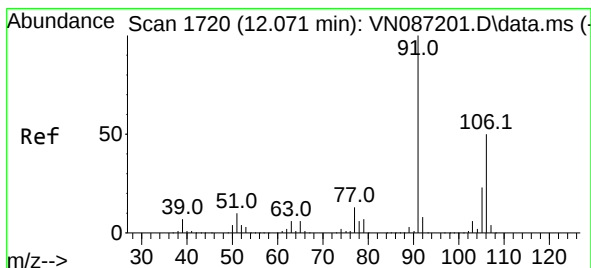
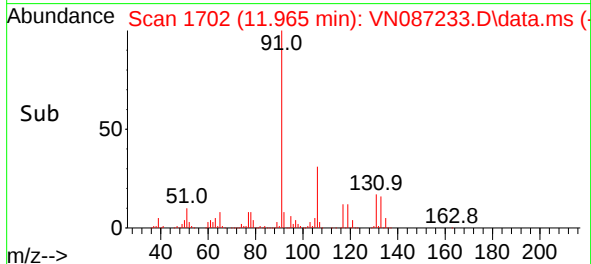
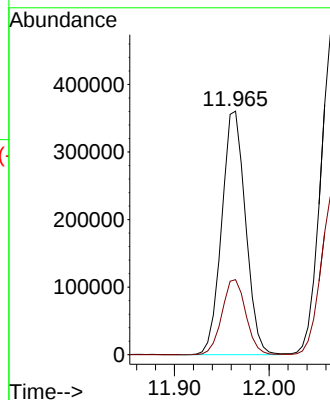
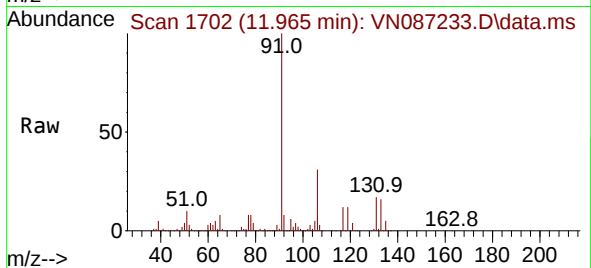
VSTDCCC050EC

Tgt Ion: 91 Resp: 630878

Ion Ratio Lower Upper

91 100

106 30.8 24.2 36.2



#68

m/p-Xylenes

Concen: 108.970 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN087233.D

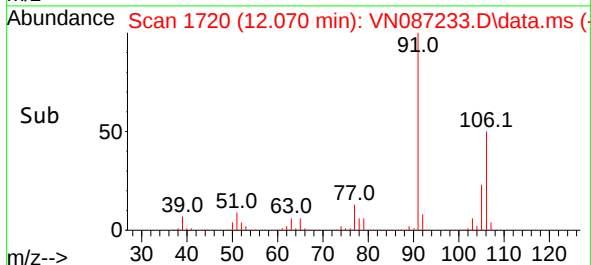
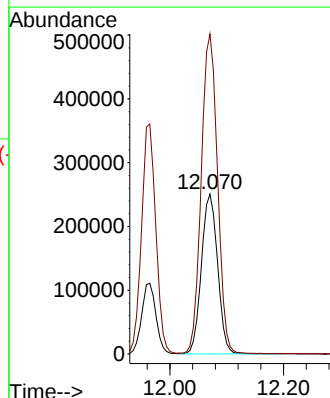
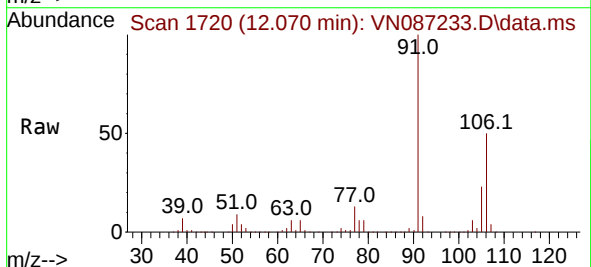
Acq: 27 Jun 2025 19:07

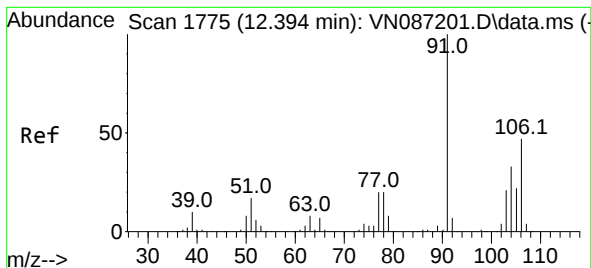
Tgt Ion:106 Resp: 494110

Ion Ratio Lower Upper

106 100

91 201.6 161.0 241.6





#69

o-Xylene

Concen: 55.535 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

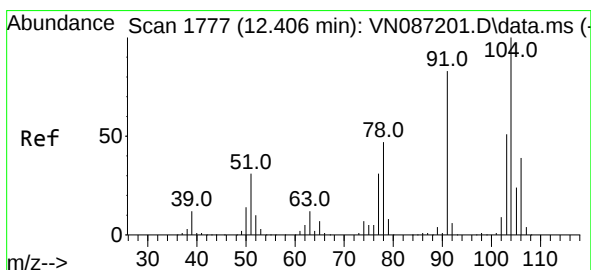
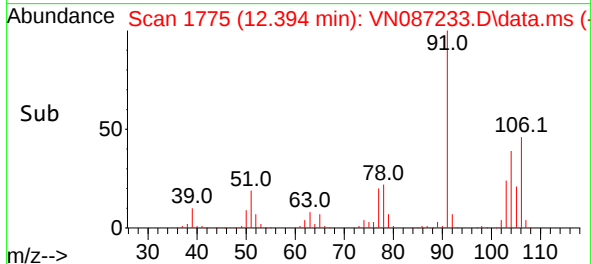
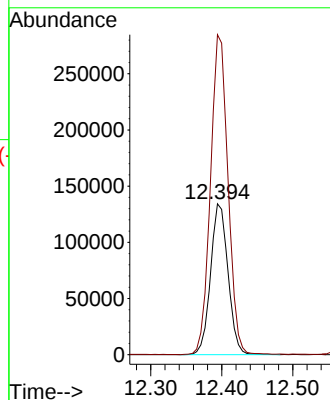
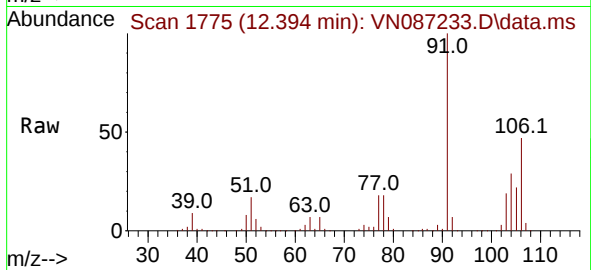
VSTDCCC050EC

Tgt Ion:106 Resp: 228914

Ion Ratio Lower Upper

106 100

91 213.8 106.7 320.1



#70

Styrene

Concen: 56.219 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

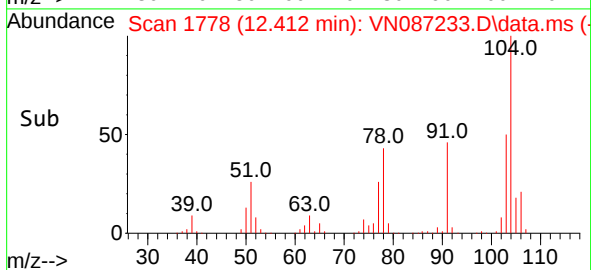
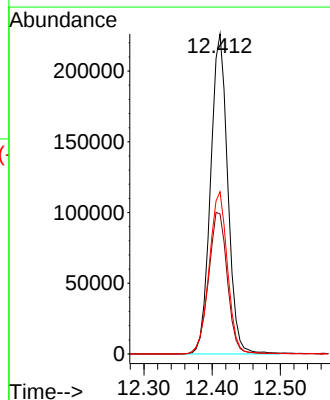
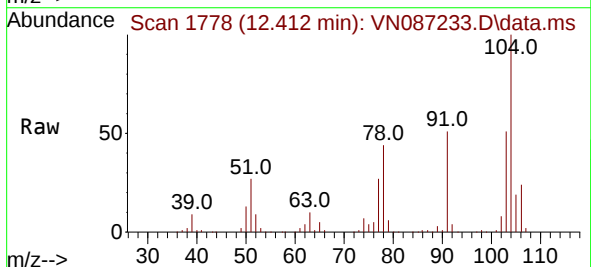
Tgt Ion:104 Resp: 397747

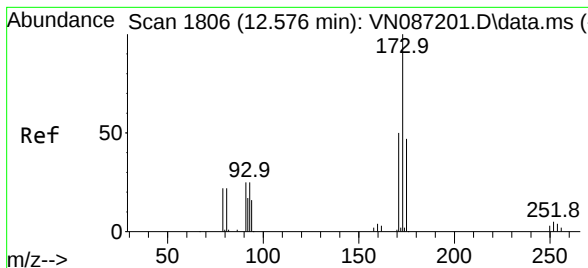
Ion Ratio Lower Upper

104 100

78 48.4 39.3 58.9

103 54.0 43.8 65.6

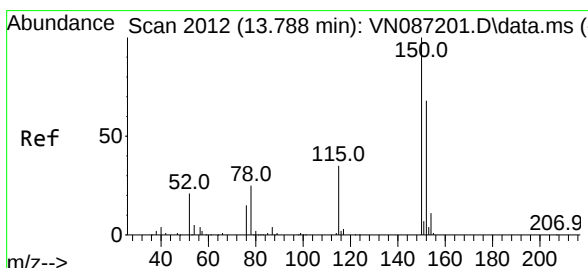
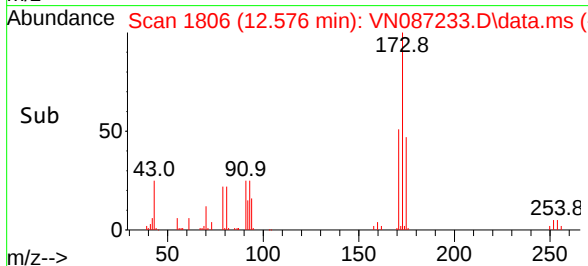
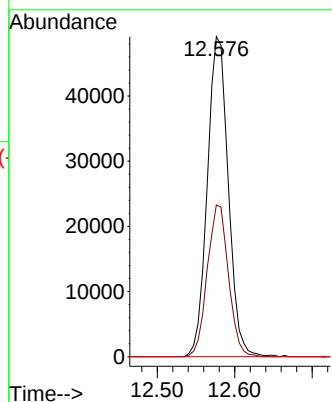
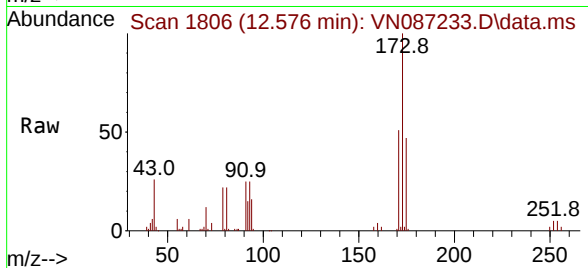




#71
Bromoform
Concen: 54.804 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

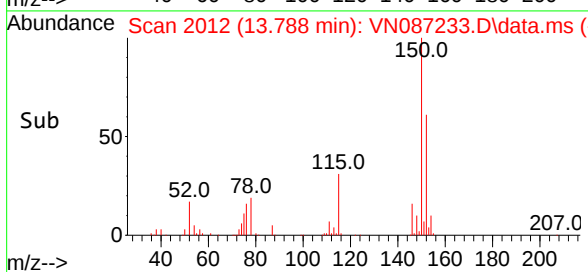
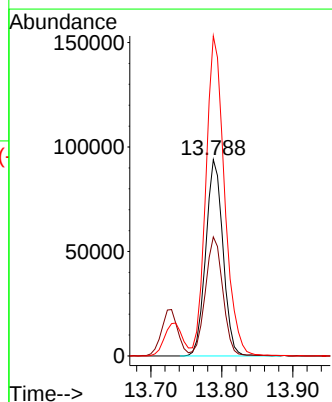
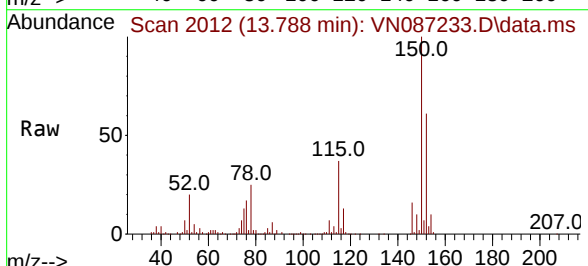
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

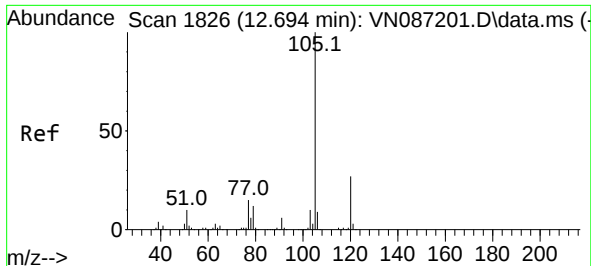
Tgt Ion:173 Resp: 92311
Ion Ratio Lower Upper
173 100
175 47.8 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion:152 Resp: 158408
Ion Ratio Lower Upper
152 100
115 61.2 30.6 91.8
150 177.4 0.0 347.8

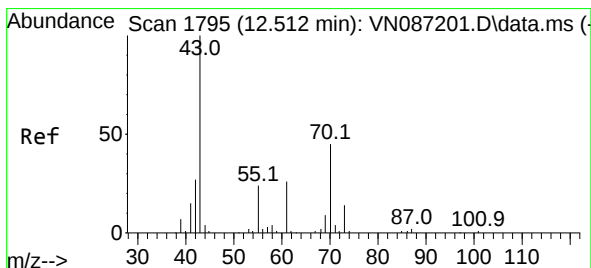
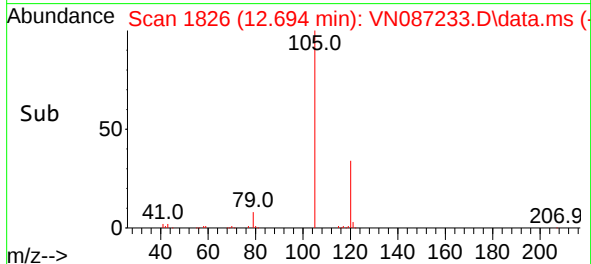
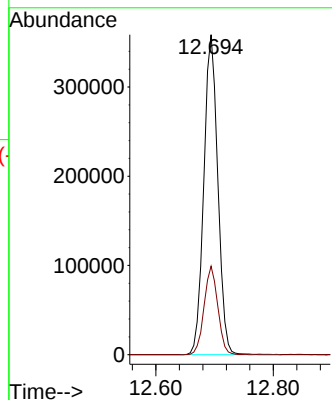
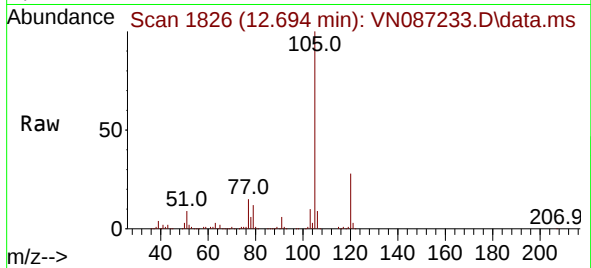




#73
Isopropylbenzene
Concen: 55.321 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

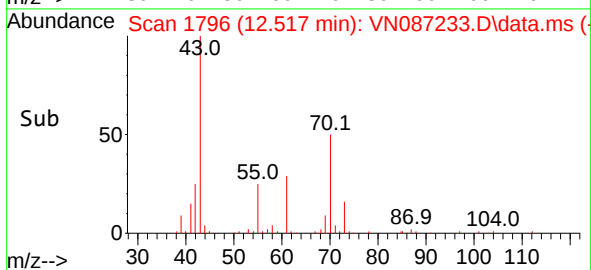
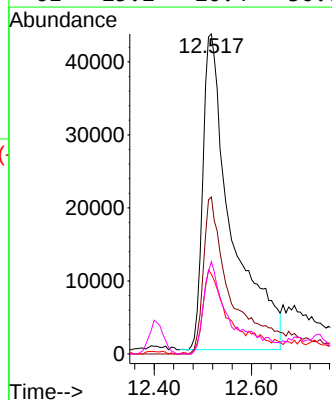
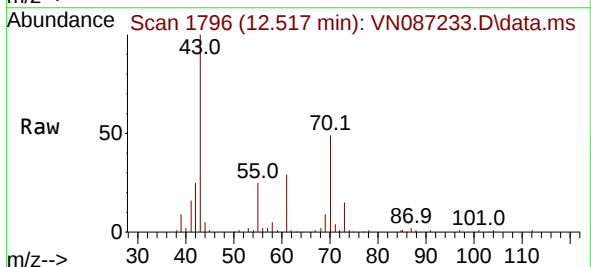
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

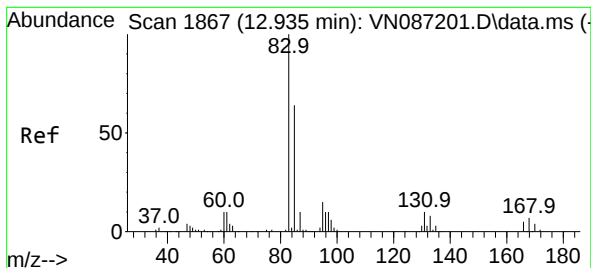
Tgt Ion:105 Resp: 593239
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 44.224 ug/l
RT: 12.517 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 43 Resp: 176459
Ion Ratio Lower Upper
43 100
70 48.9 32.8 49.2
55 21.2 16.4 24.6
61 25.2 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.520 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

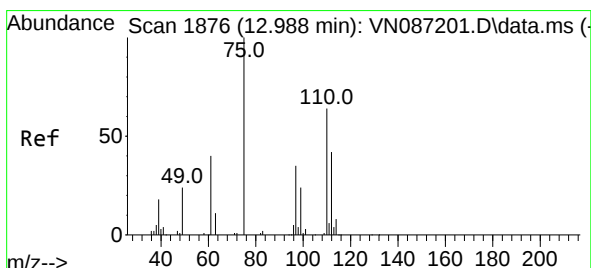
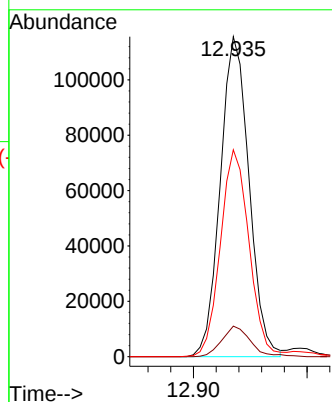
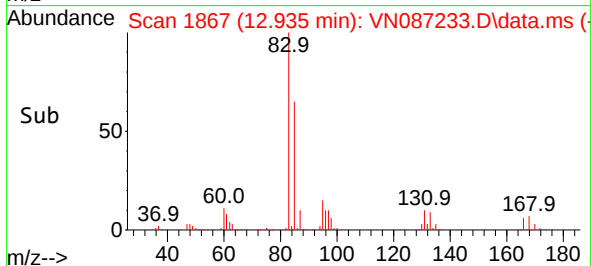
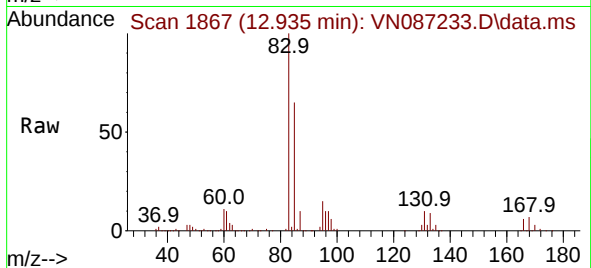
Tgt Ion: 83 Resp: 202847

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.4

85 64.6 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 75.691 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VN087233.D

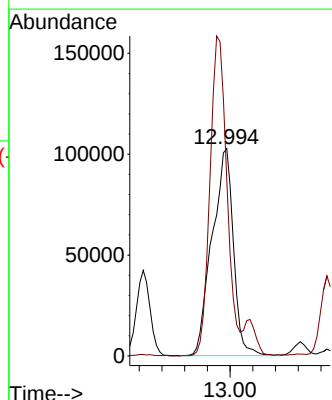
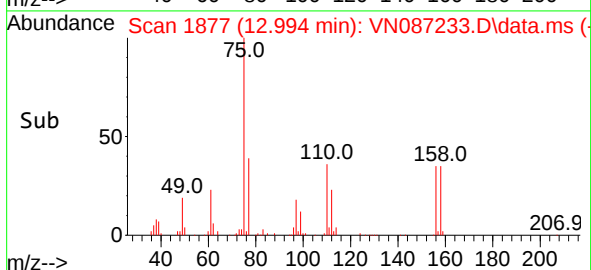
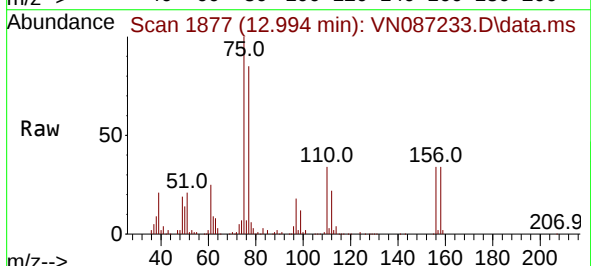
Acq: 27 Jun 2025 19:07

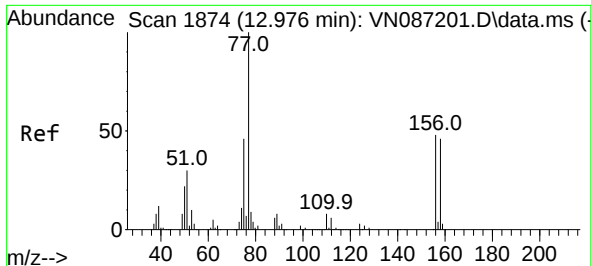
Tgt Ion: 75 Resp: 267511

Ion Ratio Lower Upper

75 100

77 122.6 85.5 256.6

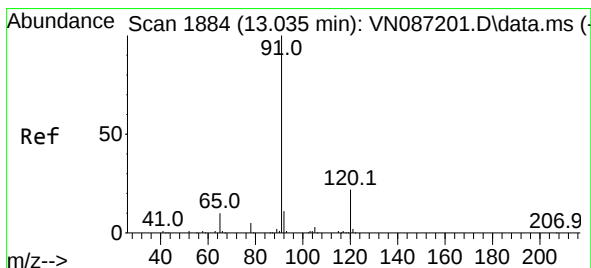
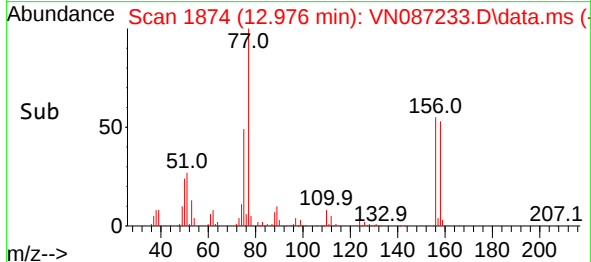
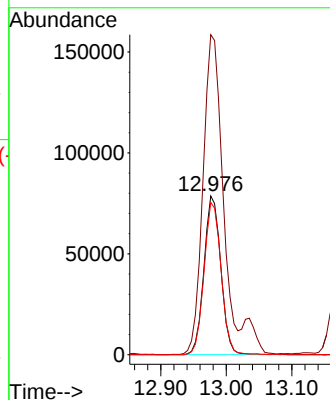
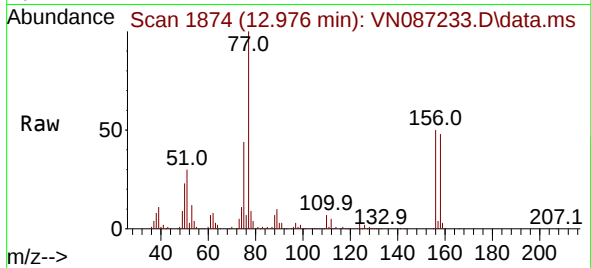




#77
Bromobenzene
Concen: 54.144 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

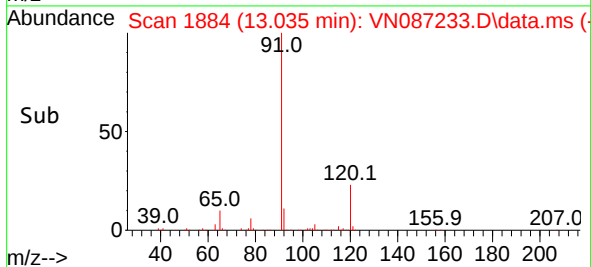
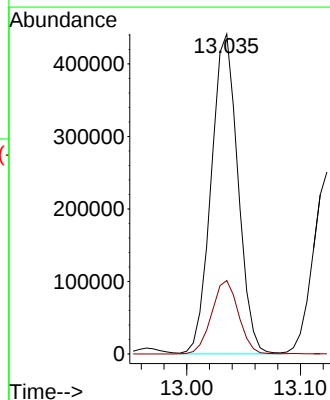
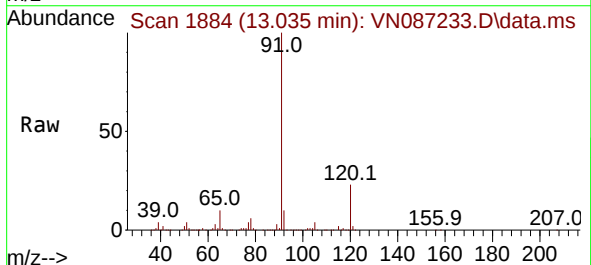
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

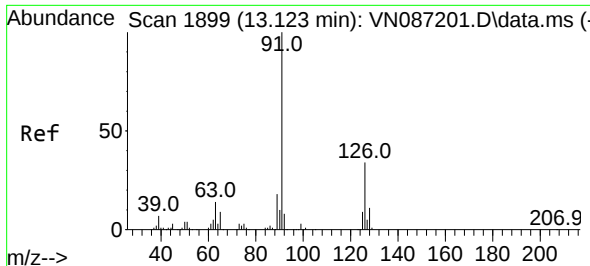
Tgt Ion:156 Resp: 141110
Ion Ratio Lower Upper
156 100
77 232.5 119.6 358.9
158 96.8 48.6 145.9



#78
n-propylbenzene
Concen: 54.559 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 91 Resp: 720618
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4

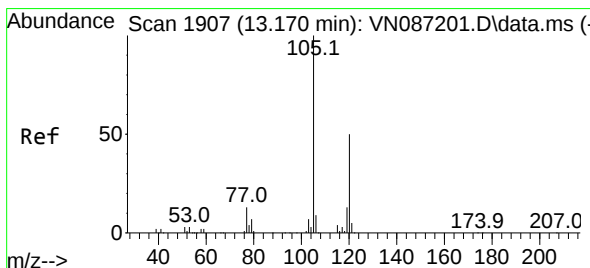
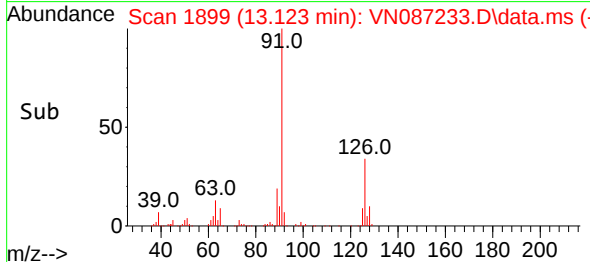
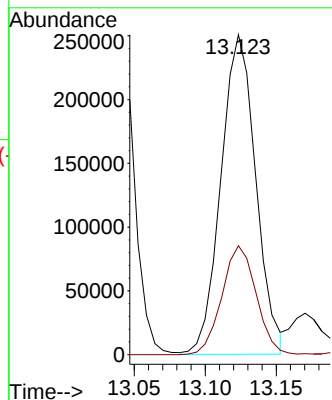
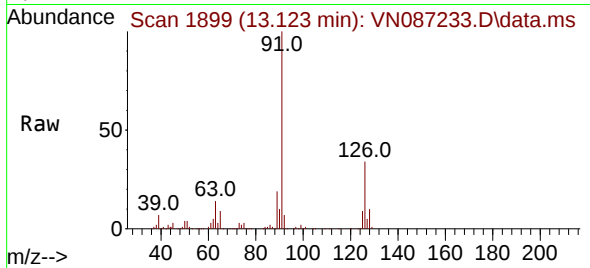




#79
2-Chlorotoluene
Concen: 52.007 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

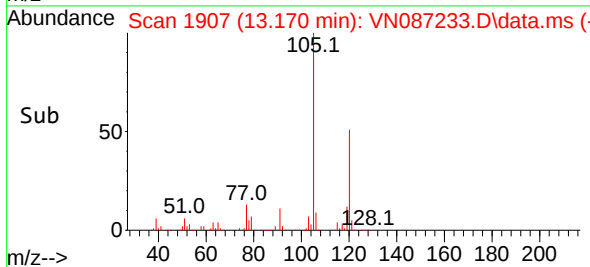
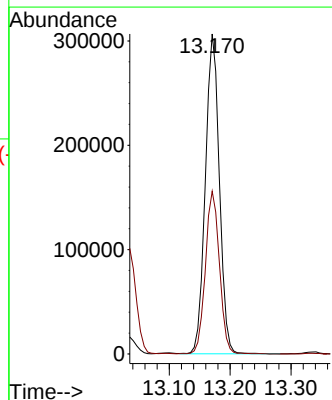
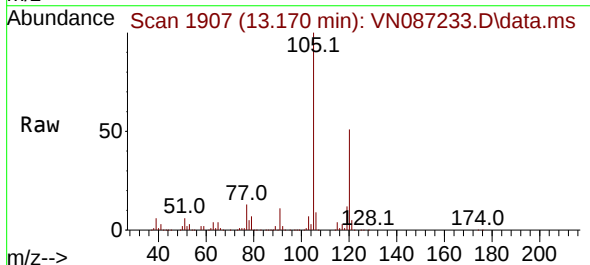
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

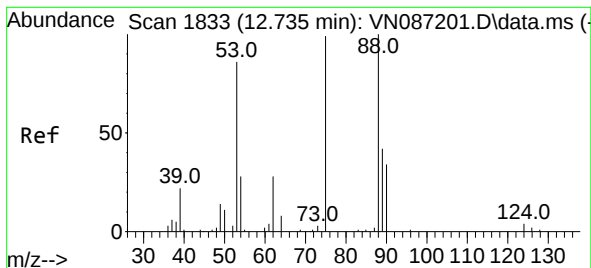
Tgt Ion: 91 Resp: 427607
Ion Ratio Lower Upper
91 100
126 33.6 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 55.243 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 105 Resp: 489049
Ion Ratio Lower Upper
105 100
120 51.1 25.1 75.3

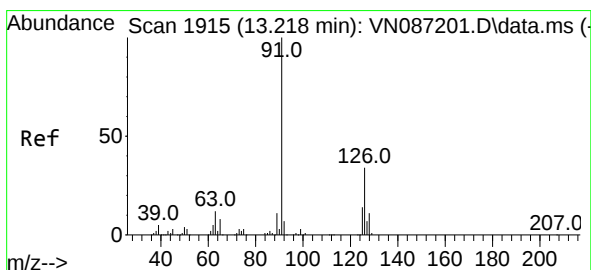
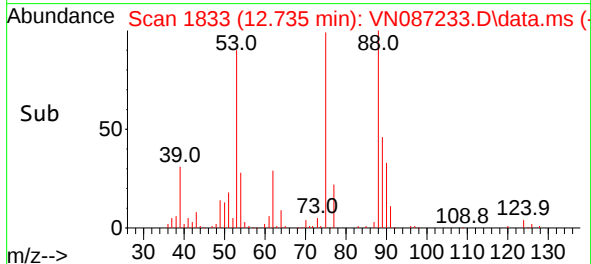
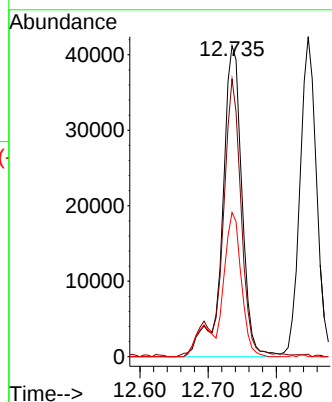
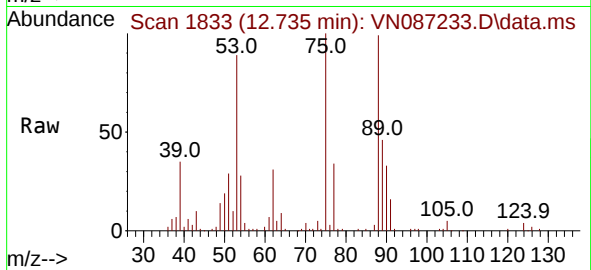




#81
trans-1,4-Dichloro-2-butene
Concen: 52.373 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

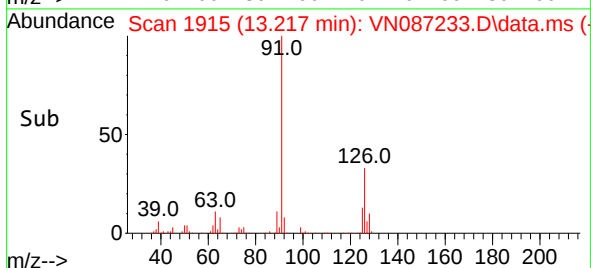
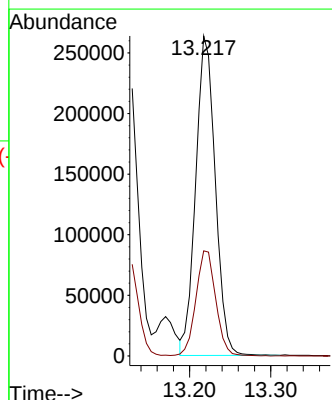
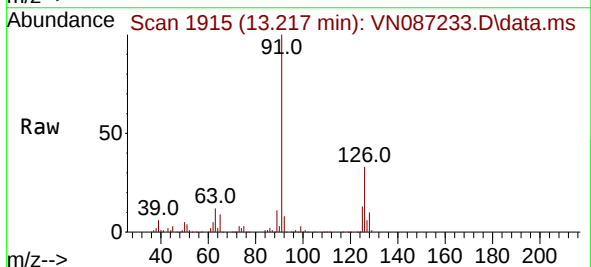
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

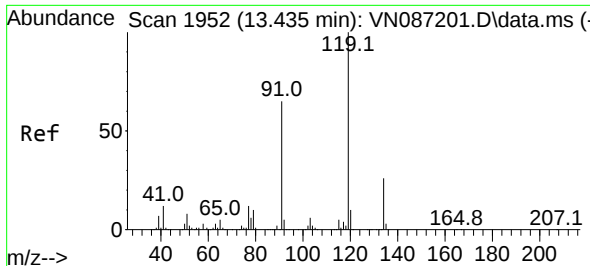
Tgt Ion: 75 Resp: 82472
Ion Ratio Lower Upper
75 100
53 77.2 71.4 107.0
89 39.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 53.842 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 91 Resp: 441328
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.1

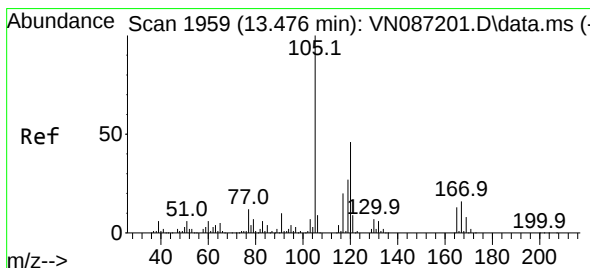
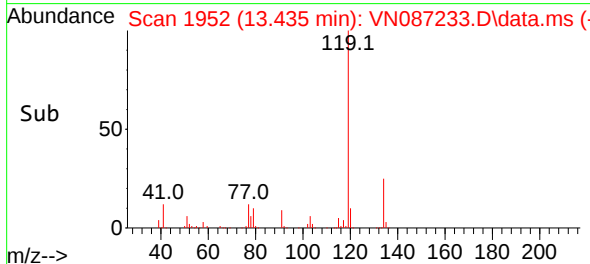
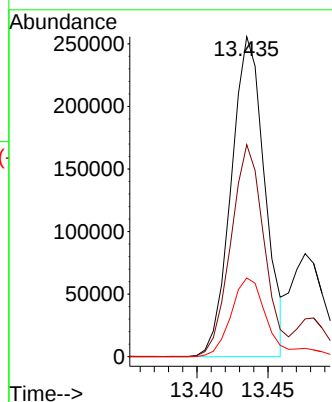
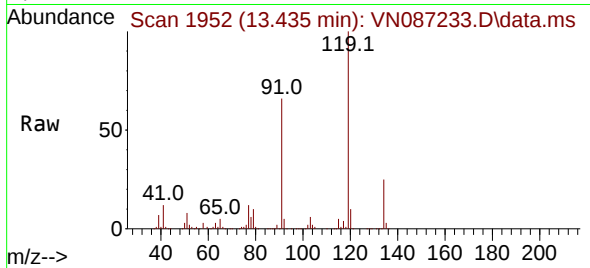




#83
tert-Butylbenzene
Concen: 55.187 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

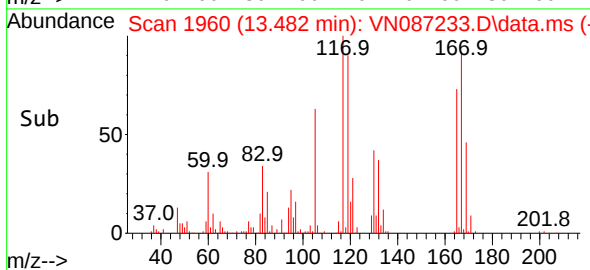
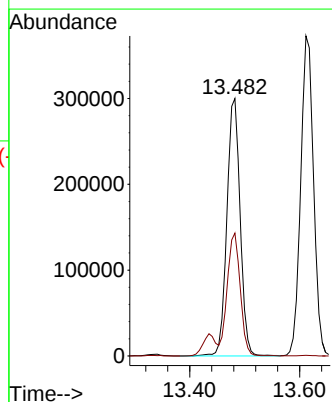
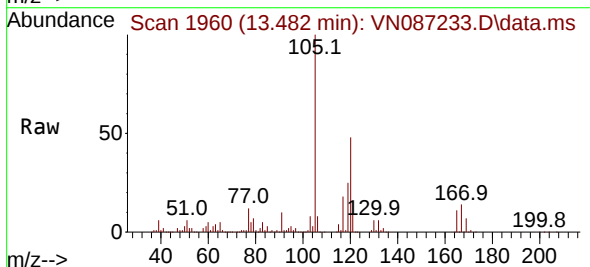
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

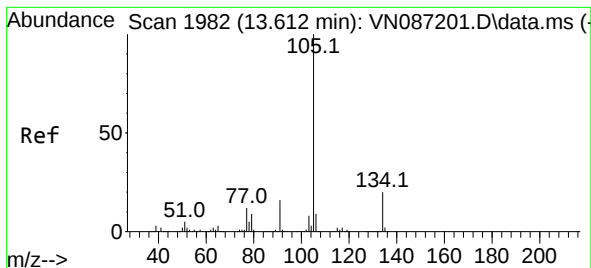
Tgt Ion:119 Resp: 419658
Ion Ratio Lower Upper
119 100
91 66.2 32.9 98.7
134 27.2 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 55.919 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion:105 Resp: 502316
Ion Ratio Lower Upper
105 100
120 46.9 22.9 68.8





#85

sec-Butylbenzene

Concen: 53.940 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

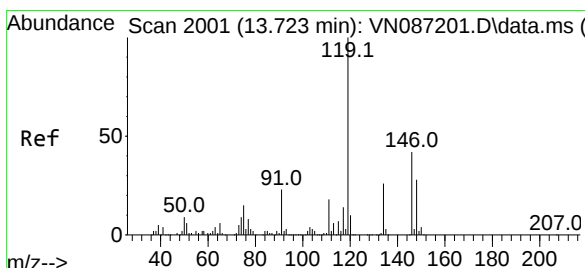
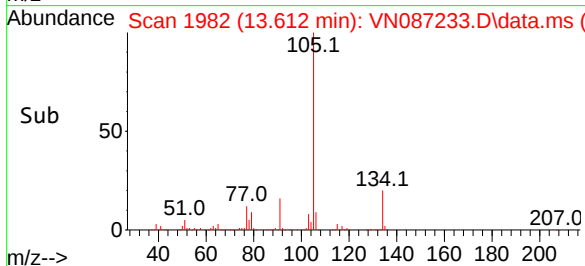
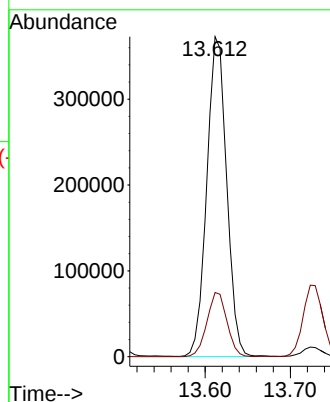
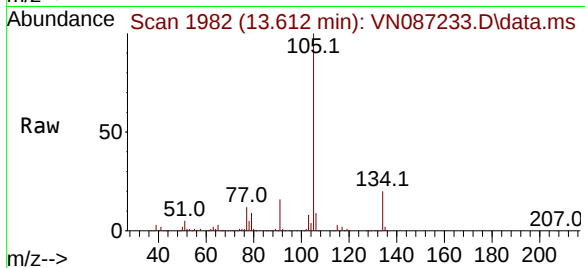
VSTDCCC050EC

Tgt Ion:105 Resp: 604307

Ion Ratio Lower Upper

105 100

134 20.2 9.9 29.7



#86

p-Isopropyltoluene

Concen: 55.702 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

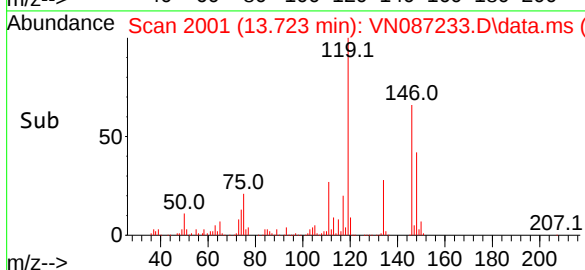
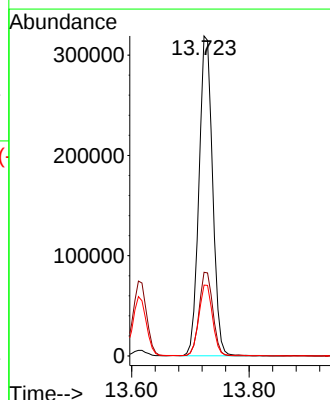
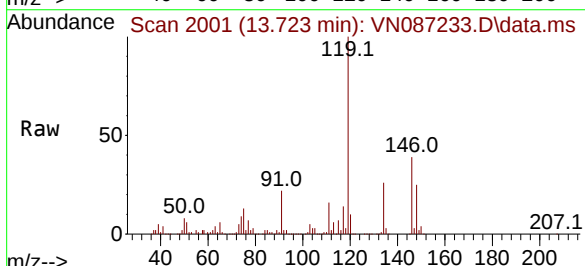
Tgt Ion:119 Resp: 511819

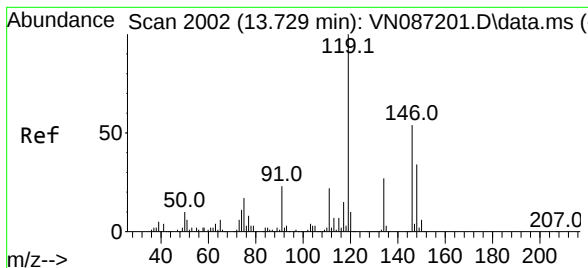
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 22.2 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 52.637 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

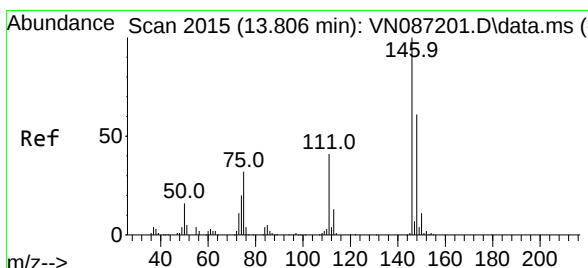
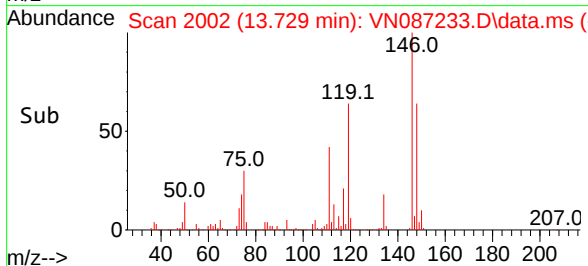
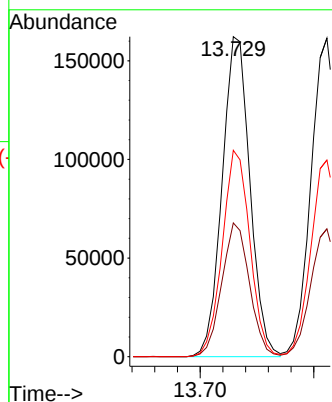
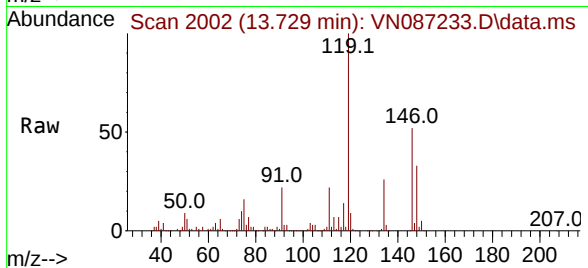
Tgt Ion:146 Resp: 276047

Ion Ratio Lower Upper

146 100

111 41.7 21.1 63.4

148 64.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 51.785 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

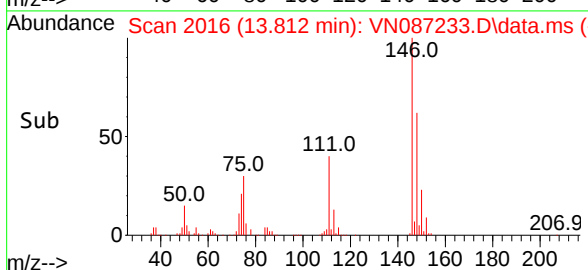
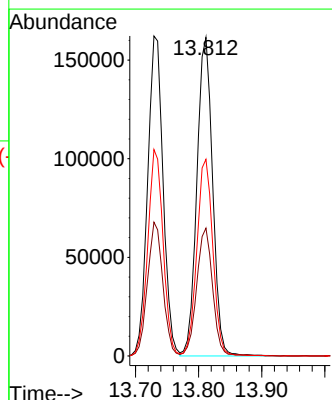
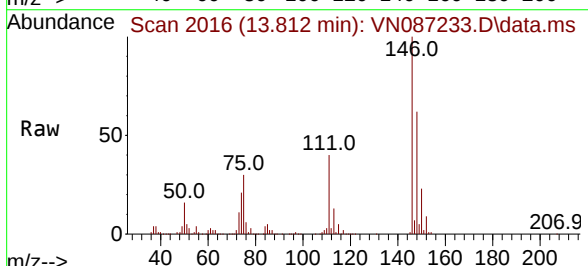
Tgt Ion:146 Resp: 279233

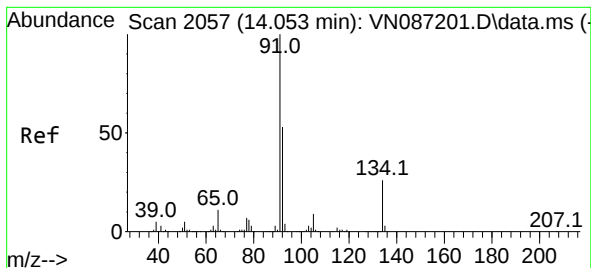
Ion Ratio Lower Upper

146 100

111 40.9 19.9 59.6

148 62.8 31.4 94.0





#89

n-Butylbenzene

Concen: 51.885 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

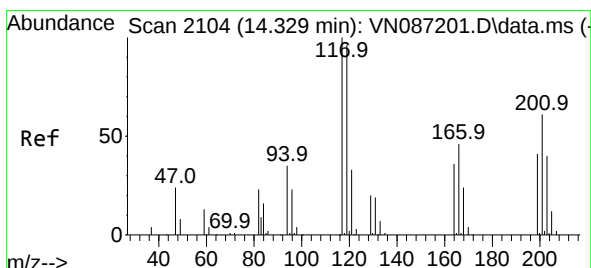
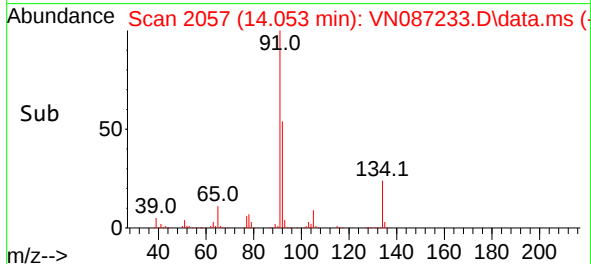
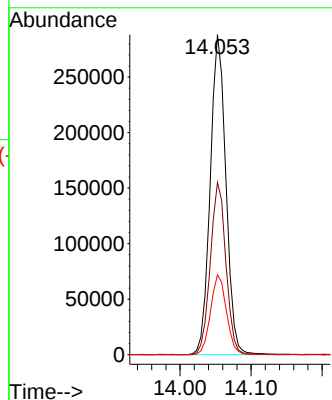
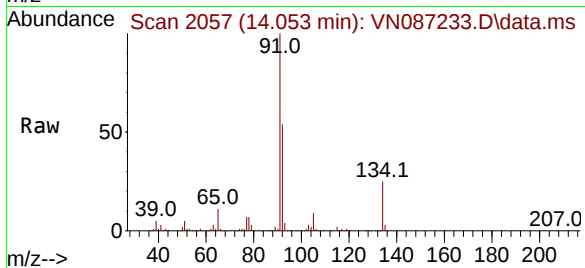
Tgt Ion: 91 Resp: 442944

Ion Ratio Lower Upper

91 100

92 53.5 26.9 80.7

134 25.2 12.8 38.4



#90

Hexachloroethane

Concen: 49.103 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN087233.D

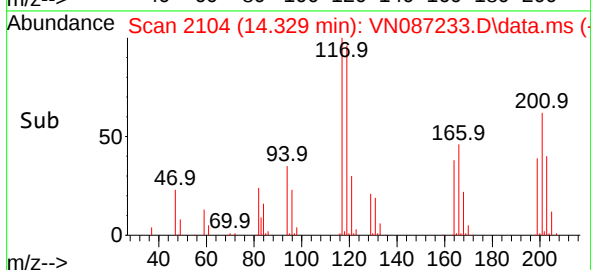
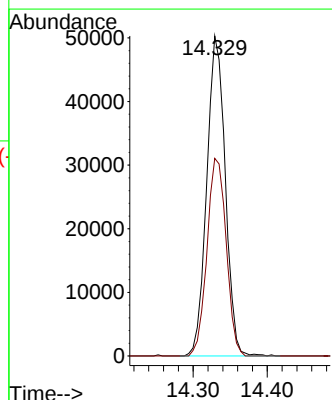
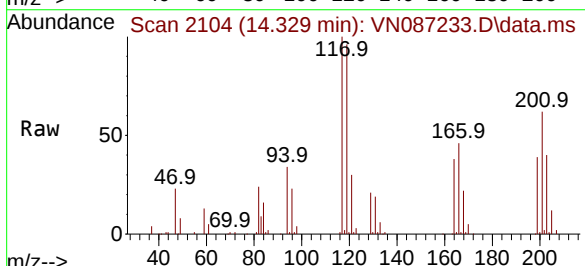
Acq: 27 Jun 2025 19:07

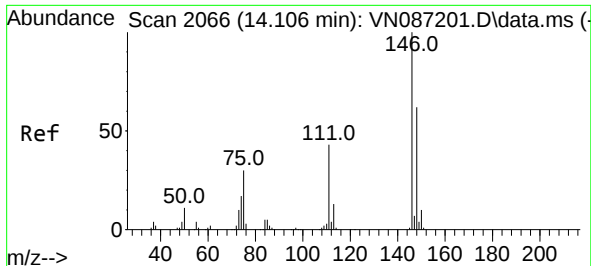
Tgt Ion: 117 Resp: 87313

Ion Ratio Lower Upper

117 100

201 63.9 31.8 95.3

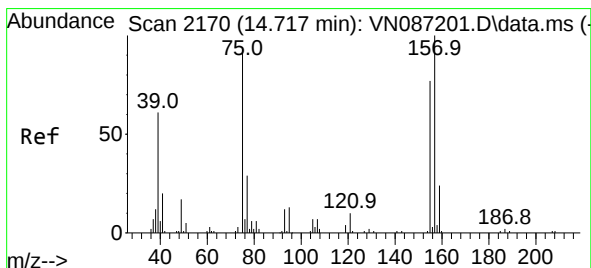
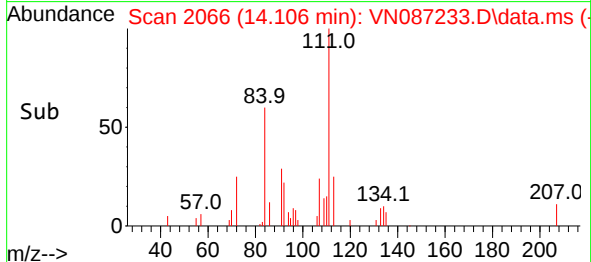
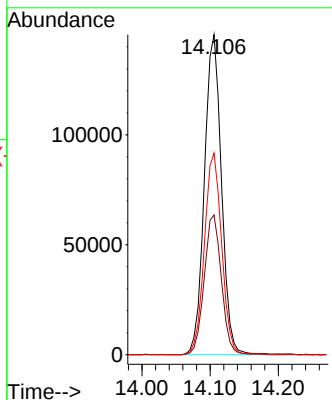
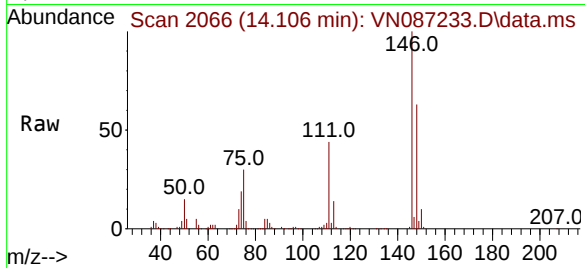




#91
1,2-Dichlorobenzene
Concen: 51.338 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

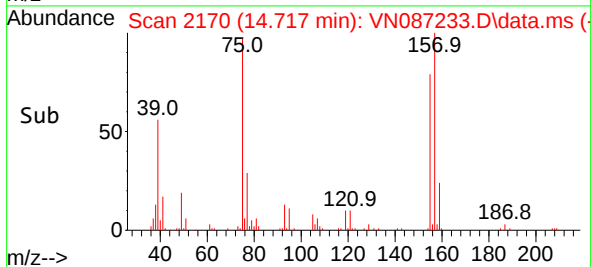
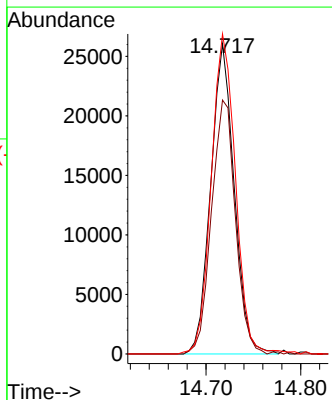
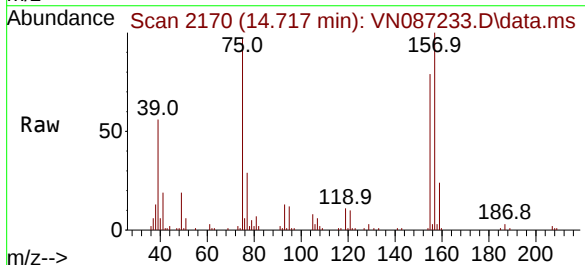
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

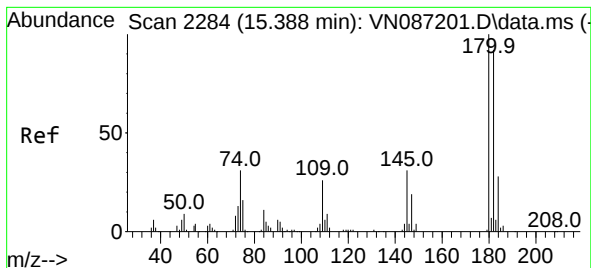
Tgt Ion:146 Resp: 253572
Ion Ratio Lower Upper
146 100
111 43.9 21.4 64.2
148 63.7 31.5 94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.041 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087233.D
Acq: 27 Jun 2025 19:07

Tgt Ion: 75 Resp: 45001
Ion Ratio Lower Upper
75 100
155 83.4 39.4 118.1
157 106.3 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 53.866 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

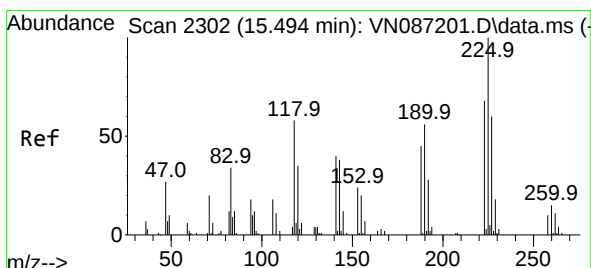
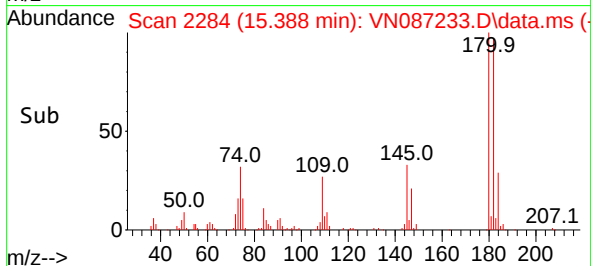
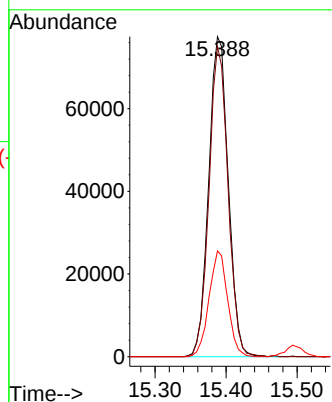
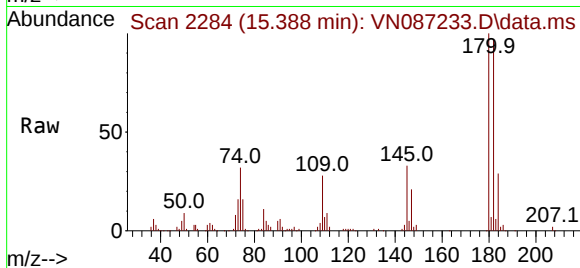
Tgt Ion:180 Resp: 148118

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

145 31.4 16.2 48.5



#94

Hexachlorobutadiene

Concen: 46.354 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

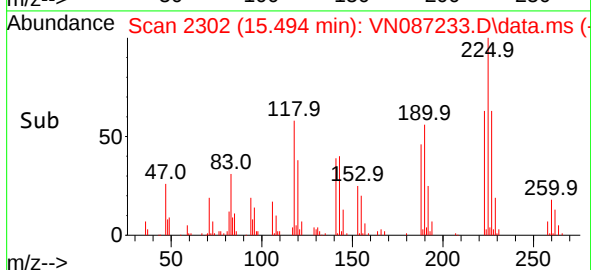
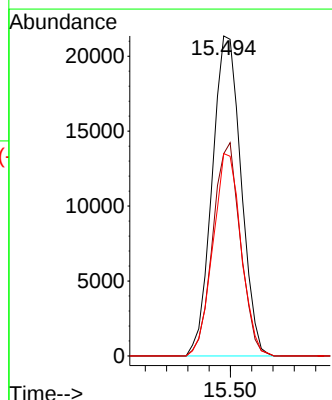
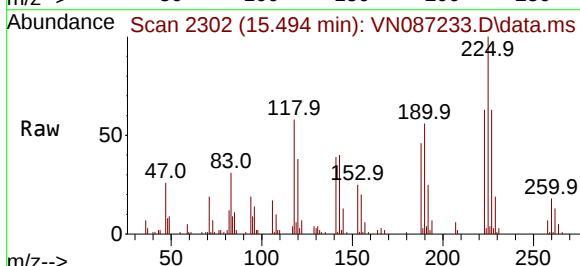
Tgt Ion:225 Resp: 40209

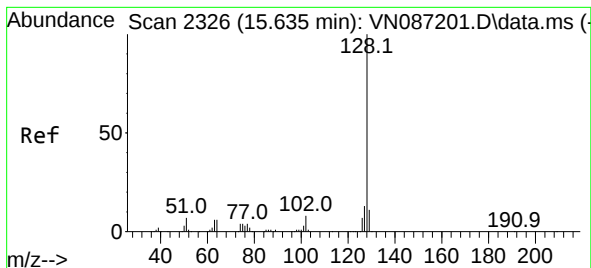
Ion Ratio Lower Upper

225 100

223 63.4 32.9 98.6

227 61.6 32.0 96.2





#95

Naphthalene

Concen: 55.363 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

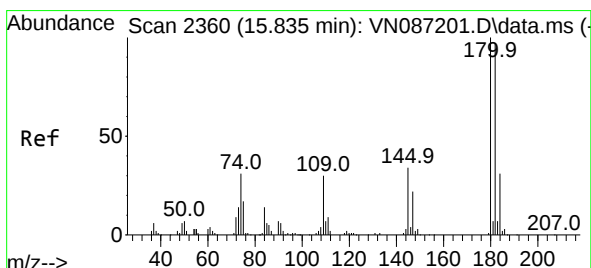
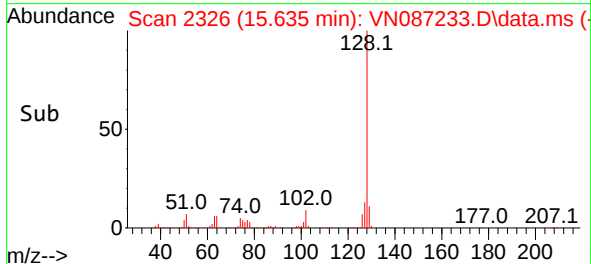
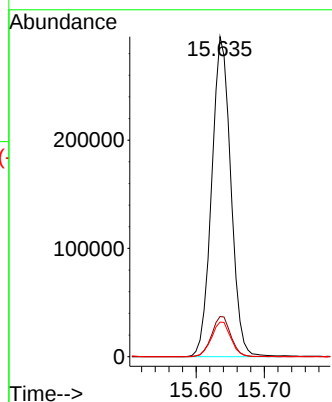
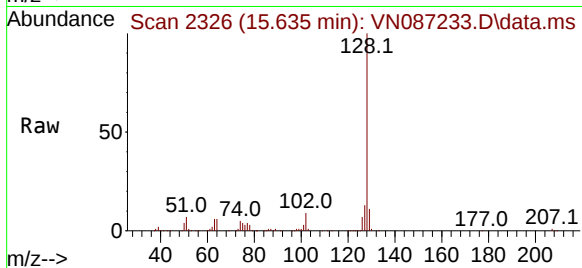
Tgt Ion:128 Resp: 577536

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.619 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN087233.D

Acq: 27 Jun 2025 19:07

Tgt Ion:180 Resp: 145574

Ion Ratio Lower Upper

180 100

182 92.9 47.5 142.6

145 33.5 16.9 50.7

