

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
 Data File : VN087749.D
 Acq On : 08 Sep 2025 08:58
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Sep 09 02:23:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	264779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	492400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	447402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	232401	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	237572	43.792	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.580%
35) Dibromofluoromethane	8.147	113	174258	49.016	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.040%
50) Toluene-d8	10.547	98	658372	49.479	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.829	95	231565	48.935	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	193839	51.545	ug/l	99
3) Chloromethane	2.383	50	173873	44.990	ug/l	100
4) Vinyl Chloride	2.542	62	216226	48.254	ug/l	98
5) Bromomethane	2.977	94	116326	50.312	ug/l	98
6) Chloroethane	3.136	64	137302	43.596	ug/l	98
7) Trichlorofluoromethane	3.512	101	335019	51.030	ug/l	97
8) Diethyl Ether	3.959	74	120880	42.278	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	187772	50.547	ug/l	97
10) Methyl Iodide	4.583	142	133351	48.301	ug/l	96
11) Tert butyl alcohol	5.518	59	183597	194.942	ug/l	97
12) 1,1-Dichloroethene	4.342	96	176167	46.148	ug/l	96
13) Acrolein	4.171	56	259964	224.528	ug/l	99
14) Allyl chloride	5.006	41	279641	40.423	ug/l	99
15) Acrylonitrile	5.706	53	547710	206.207	ug/l	99
16) Acetone	4.418	43	619041	209.617	ug/l	96
17) Carbon Disulfide	4.706	76	440714	41.935	ug/l	98
18) Methyl Acetate	5.012	43	289633	46.840	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	612958	42.802	ug/l	97
20) Methylene Chloride	5.259	84	185071	43.156	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	175170	42.339	ug/l	99
22) Diisopropyl ether	6.653	45	646592	43.312	ug/l	98
23) Vinyl Acetate	6.589	43	2892767	212.987	ug/l	99
24) 1,1-Dichloroethane	6.553	63	355491	43.431	ug/l	98
25) 2-Butanone	7.465	43	795768	204.814	ug/l	98
26) 2,2-Dichloropropane	7.471	77	333020	47.404	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	212784	43.021	ug/l	97
28) Bromochloromethane	7.794	49	179324	45.317	ug/l	99
29) Tetrahydrofuran	7.824	42	474593	189.805	ug/l	97
30) Chloroform	7.947	83	368853	44.150	ug/l	100
31) Cyclohexane	8.236	56	314346	46.067	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	316535	44.707	ug/l	99
36) 1,1-Dichloropropene	8.353	75	253170	46.419	ug/l	98
37) Ethyl Acetate	7.541	43	303404	40.710	ug/l	96
38) Carbon Tetrachloride	8.341	117	274734	51.020	ug/l	92
39) Methylcyclohexane	9.583	83	311292	51.843	ug/l	98
40) Benzene	8.588	78	769311	45.989	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
 Data File : VN087749.D
 Acq On : 08 Sep 2025 08:58
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Sep 09 02:23:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	168250	43.582	ug/l	99
42) 1,2-Dichloroethane	8.653	62	282348	43.923	ug/l	100
43) Isopropyl Acetate	8.671	43	516340	44.375	ug/l	99
44) Trichloroethene	9.330	130	177123	46.377	ug/l	95
45) 1,2-Dichloropropane	9.600	63	196650	44.598	ug/l	100
46) Dibromomethane	9.688	93	140094	44.647	ug/l	99
47) Bromodichloromethane	9.865	83	303159	47.142	ug/l	95
48) Methyl methacrylate	9.659	41	242139	43.995	ug/l	98
49) 1,4-Dioxane	9.682	88	64163	899.444	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	1577008	224.635	ug/l	100
52) Toluene	10.606	92	480446	46.328	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	315264	47.362	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	325135	47.042	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	186467	46.480	ug/l	97
56) Ethyl methacrylate	10.853	69	310723	48.465	ug/l	98
57) 1,3-Dichloropropane	11.141	76	323072	45.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	797294	229.757	ug/l	100
59) 2-Hexanone	11.177	43	1096766	247.196	ug/l	99
60) Dibromochloromethane	11.335	129	214894	46.229	ug/l	99
61) 1,2-Dibromoethane	11.447	107	190435	45.018	ug/l	100
64) Tetrachloroethene	11.082	164	144466	46.542	ug/l	97
65) Chlorobenzene	11.871	112	520802	46.790	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	180431	48.828	ug/l	99
67) Ethyl Benzene	11.941	91	955458	49.578	ug/l	98
68) m/p-Xylenes	12.047	106	701710	99.282	ug/l	100
69) o-Xylene	12.376	106	339075	48.953	ug/l	100
70) Styrene	12.388	104	581549	50.116	ug/l	98
71) Bromoform	12.553	173	144267	50.906	ug/l #	96
73) Isopropylbenzene	12.671	105	915828	48.767	ug/l	99
74) N-amyl acetate	12.500	43	231398	32.514	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.918	83	290676	44.958	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	387849	71.166	ug/l	61
77) Bromobenzene	12.959	156	202161	45.656	ug/l	98
78) n-propylbenzene	13.012	91	1149579	49.697	ug/l	100
79) 2-Chlorotoluene	13.106	91	658088	47.275	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	770431	48.360	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	102397	49.741	ug/l	83
82) 4-Chlorotoluene	13.200	91	685064	46.808	ug/l	100
83) tert-Butylbenzene	13.412	119	676989	50.995	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	772911	48.465	ug/l	99
85) sec-Butylbenzene	13.594	105	1015392	51.541	ug/l	99
86) p-Isopropyltoluene	13.706	119	832888	51.198	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	405313	46.482	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	405975	44.739	ug/l	99
89) n-Butylbenzene	14.035	91	843275	52.194	ug/l	100
90) Hexachloroethane	14.312	117	162454	52.416	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	373721	45.176	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	61788	40.229	ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	231388	46.580	ug/l	99
94) Hexachlorobutadiene	15.476	225	90786	51.263	ug/l	98
95) Naphthalene	15.612	128	784176	44.567	ug/l	100
96) 1,2,3-Trichlorobenzene	15.817	180	219378	45.174	ug/l	98

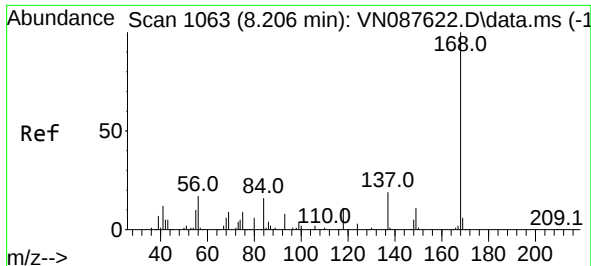
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
Data File : VN087749.D
Acq On : 08 Sep 2025 08:58
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Sep 09 02:23:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

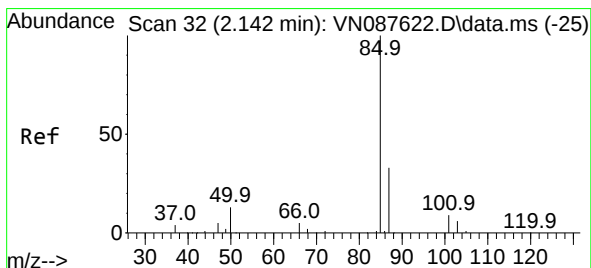
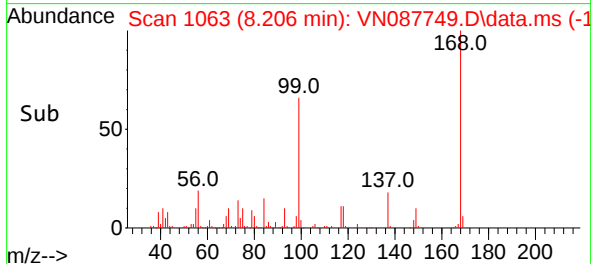
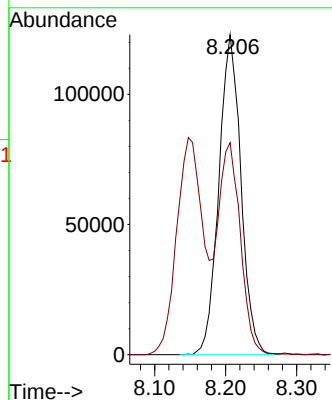
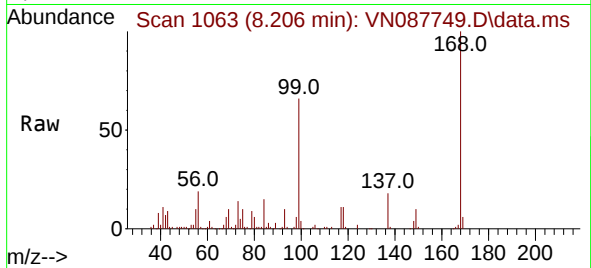
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

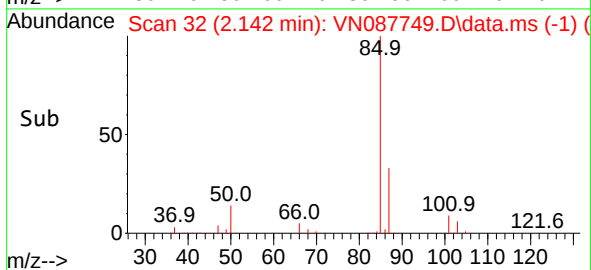
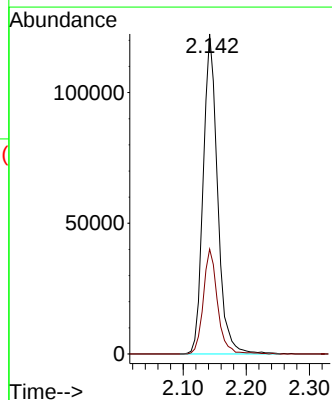
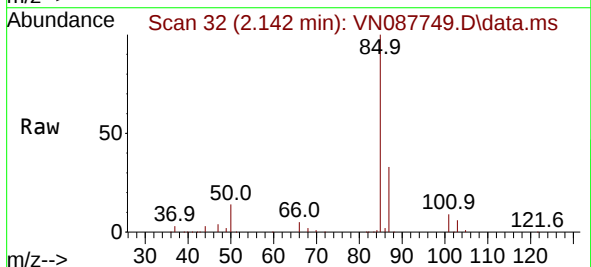
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

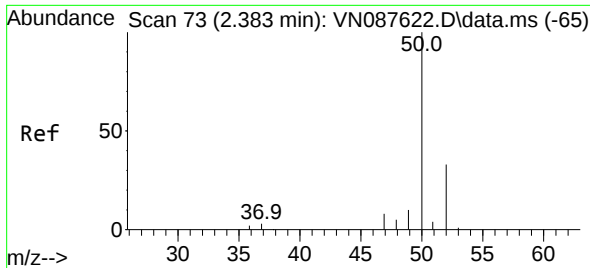
Tgt Ion:168 Resp: 264779
Ion Ratio Lower Upper
168 100
99 66.1 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 51.545 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 85 Resp: 193839
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.8

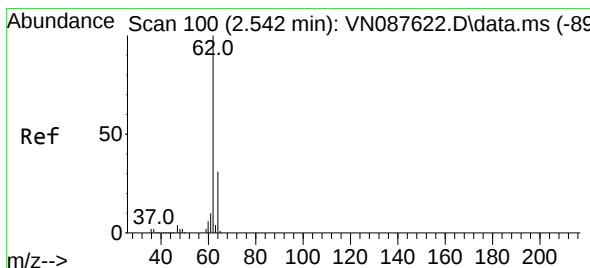
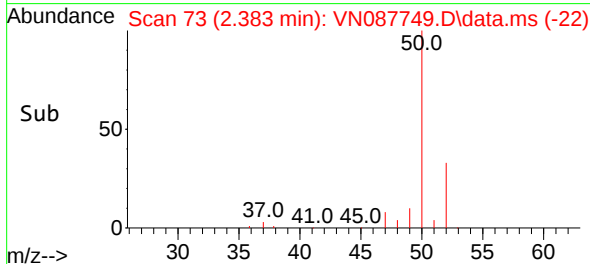
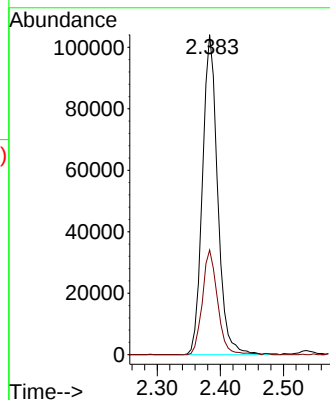
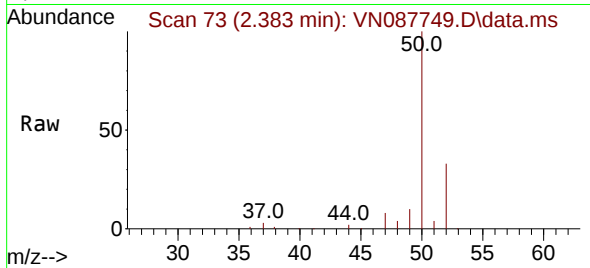




#3
Chloromethane
Concen: 44.990 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

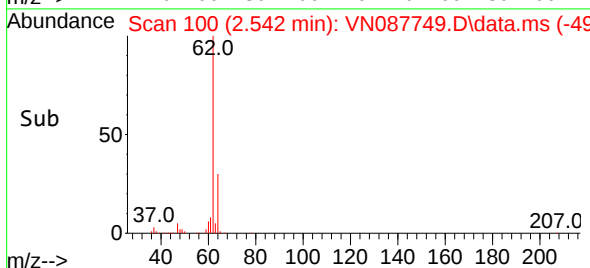
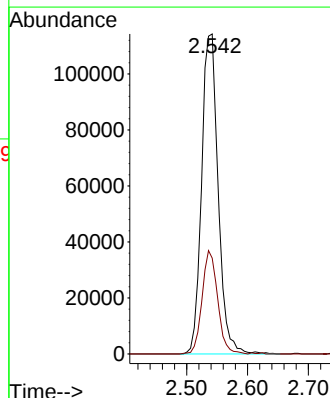
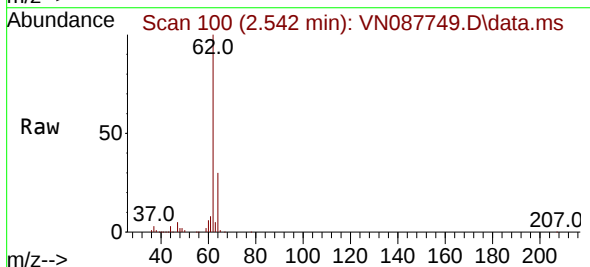
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

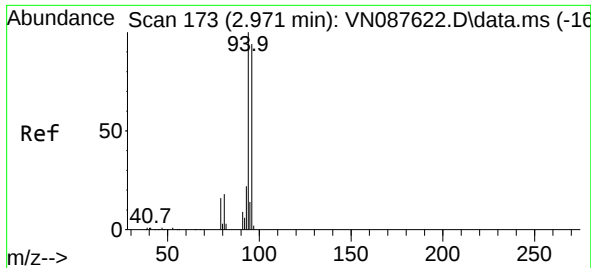
Tgt Ion: 50 Resp: 173873
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.4



#4
Vinyl Chloride
Concen: 48.254 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 62 Resp: 216226
Ion Ratio Lower Upper
62 100
64 29.9 24.6 37.0

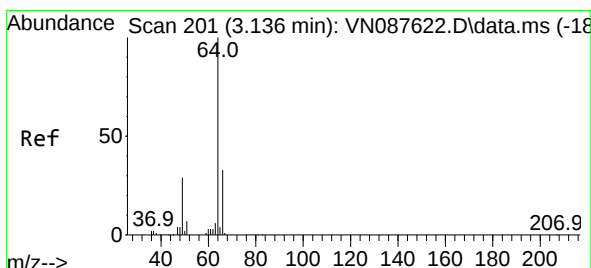
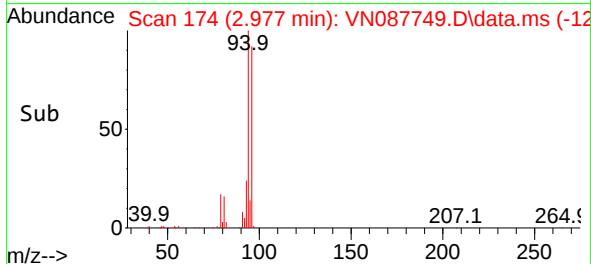
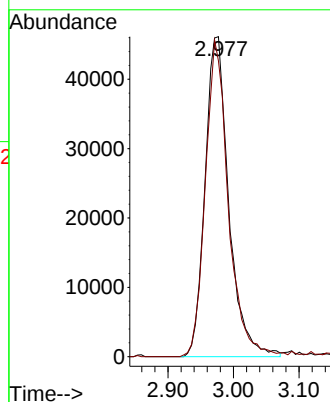
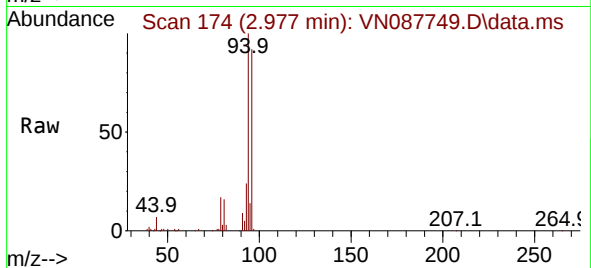




#5
Bromomethane
Concen: 50.312 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

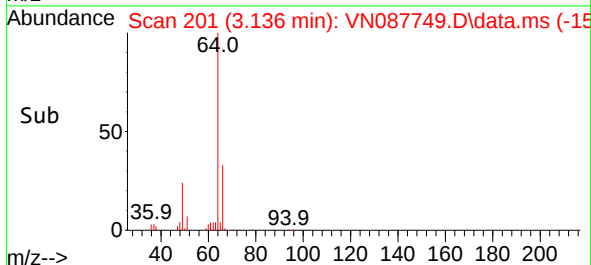
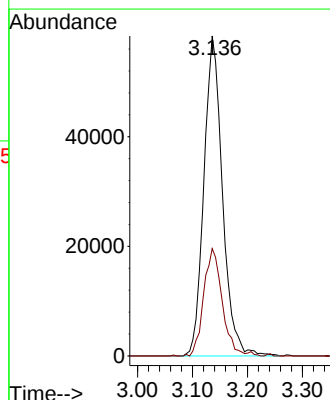
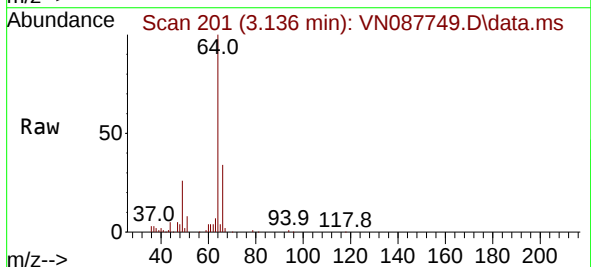
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 116326
Ion Ratio Lower Upper
94 100
96 92.5 75.4 113.2



#6
Chloroethane
Concen: 43.596 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 64 Resp: 137302
Ion Ratio Lower Upper
64 100
66 33.6 26.2 39.2

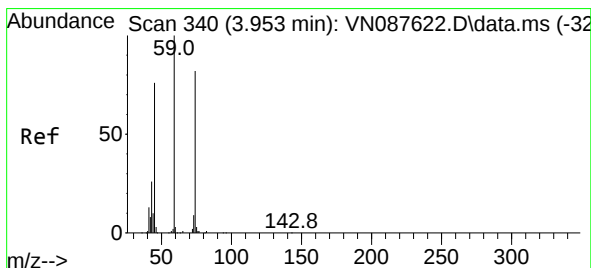
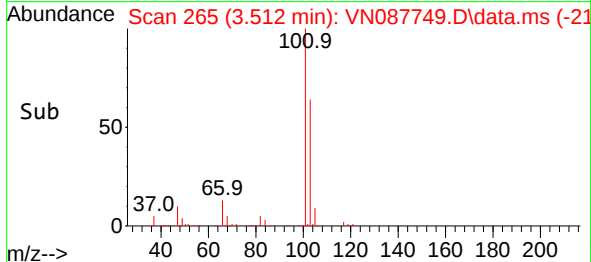
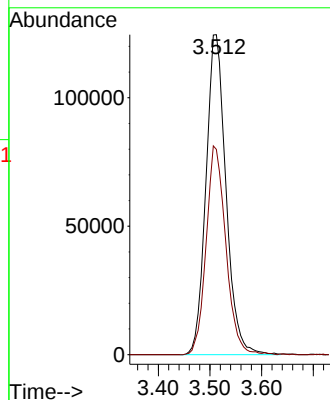
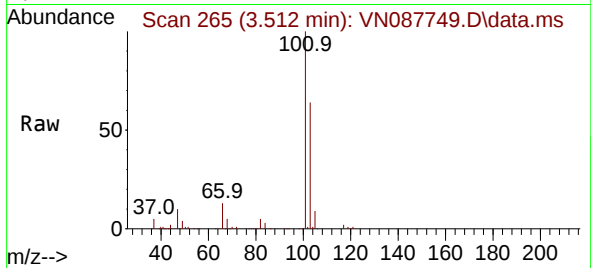




#7
 Trichlorofluoromethane
 Concen: 51.030 ug/l
 RT: 3.512 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087749.D
 Acq: 08 Sep 2025 08:58

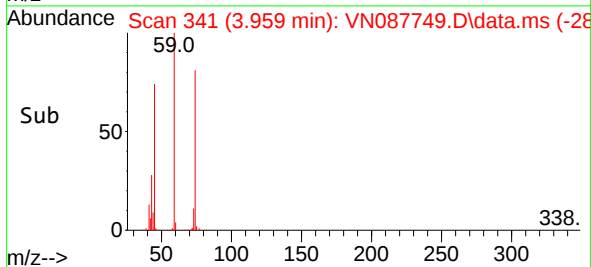
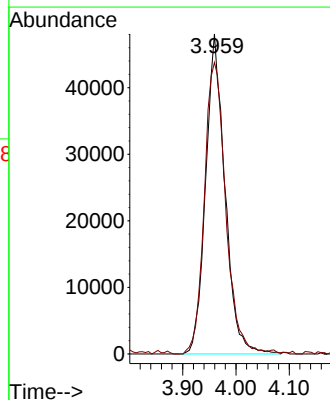
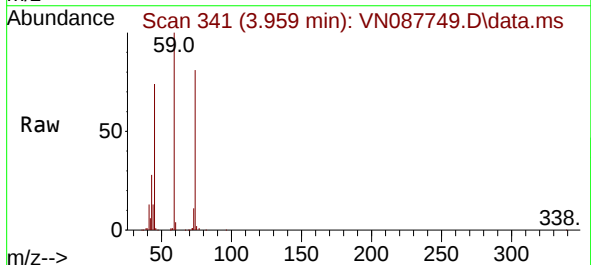
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

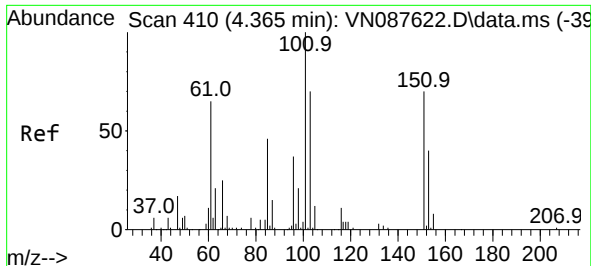
Tgt Ion:101 Resp: 335019
 Ion Ratio Lower Upper
 101 100
 103 64.1 49.4 74.0



#8
 Diethyl Ether
 Concen: 42.278 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087749.D
 Acq: 08 Sep 2025 08:58

Tgt Ion: 74 Resp: 120880
 Ion Ratio Lower Upper
 74 100
 45 100.6 50.6 151.9

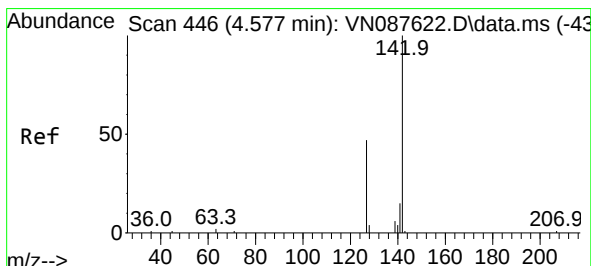
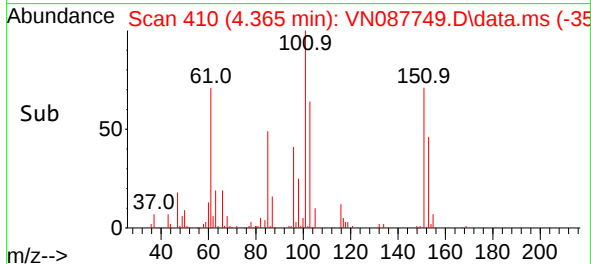
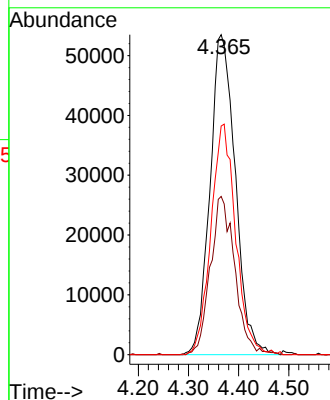
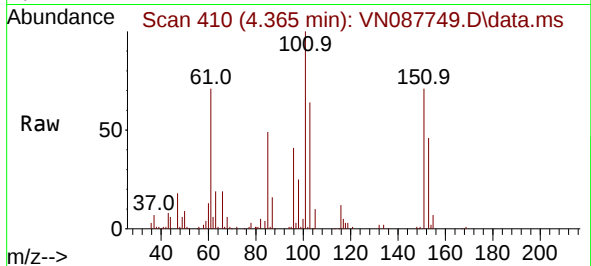




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.547 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

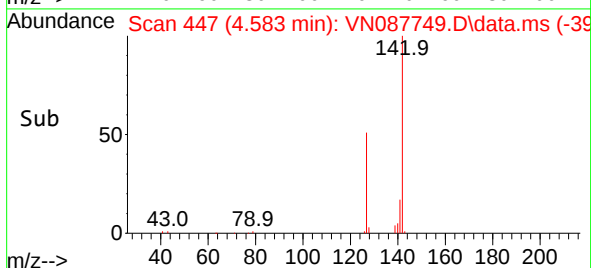
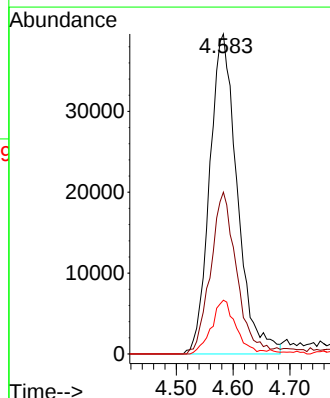
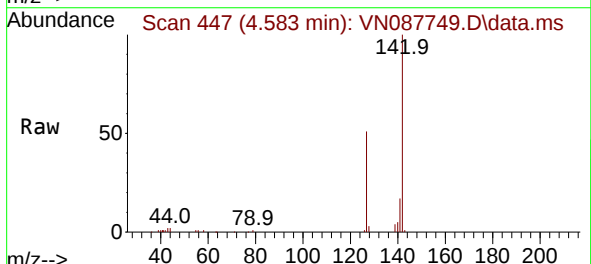
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

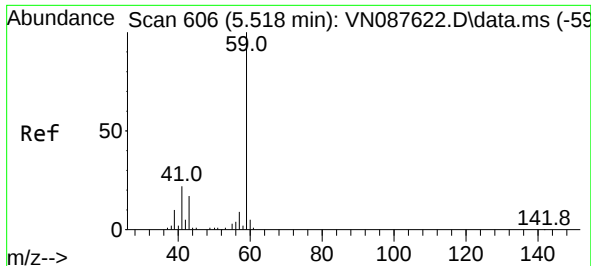
Tgt Ion:101 Resp: 187772
Ion Ratio Lower Upper
101 100
85 47.8 36.6 55.0
151 70.5 54.7 82.1



#10
Methyl Iodide
Concen: 48.301 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion:142 Resp: 133351
Ion Ratio Lower Upper
142 100
127 50.5 38.0 57.0
141 16.8 12.0 18.0

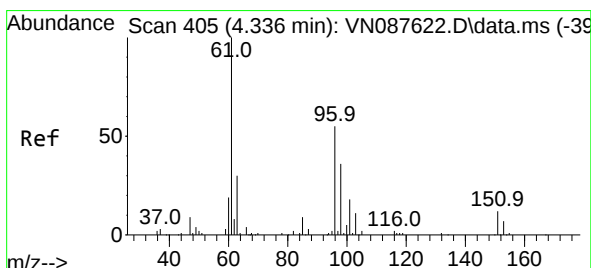
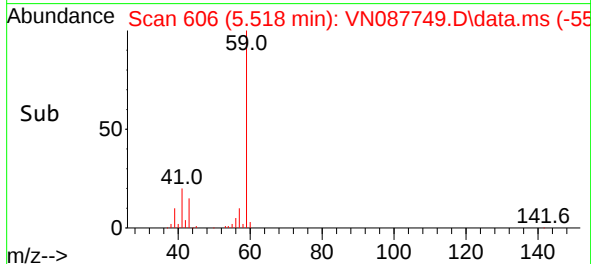
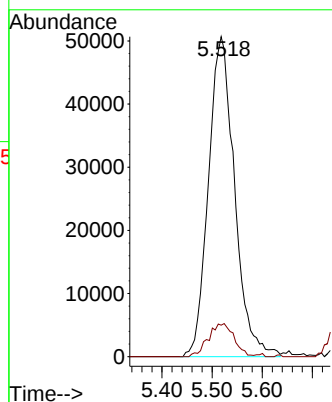
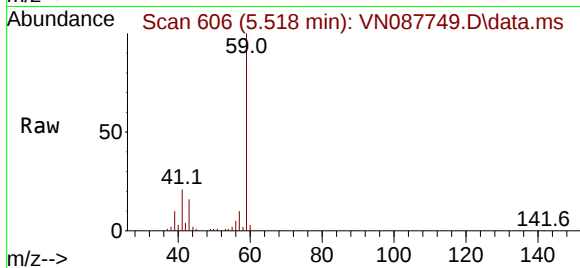




#11
Tert butyl alcohol
Concen: 194.942 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

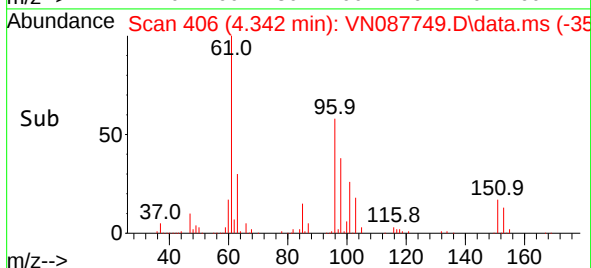
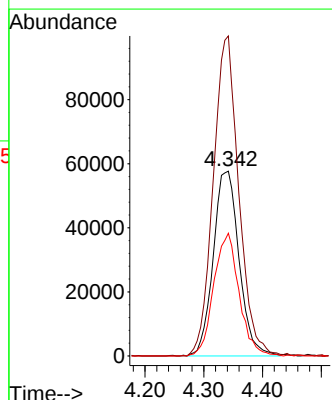
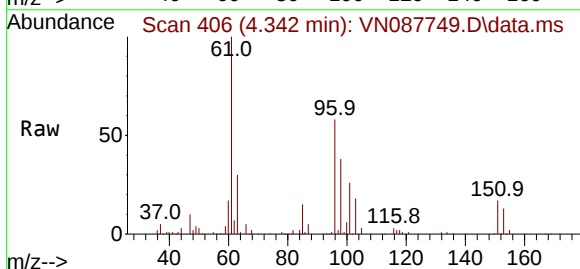
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

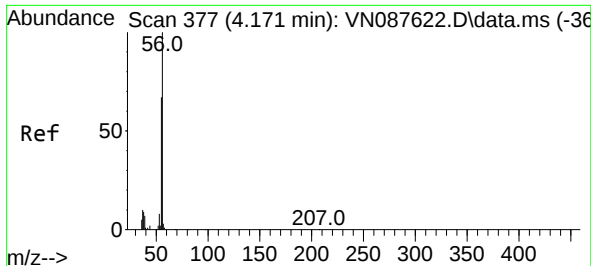
Tgt Ion: 59 Resp: 183597
Ion Ratio Lower Upper
59 100
57 10.2 9.0 13.4



#12
1,1-Dichloroethene
Concen: 46.148 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 96 Resp: 176167
Ion Ratio Lower Upper
96 100
61 173.1 143.8 215.8
98 66.4 52.1 78.1

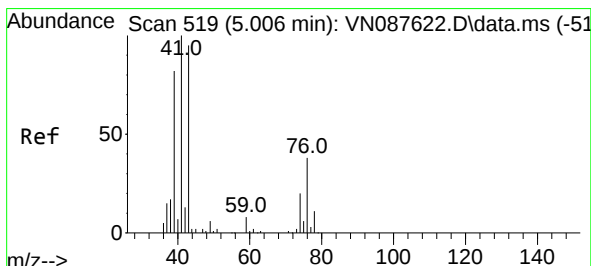
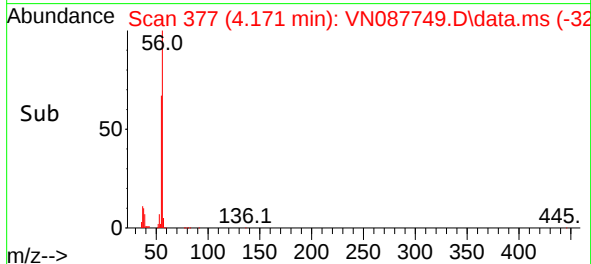
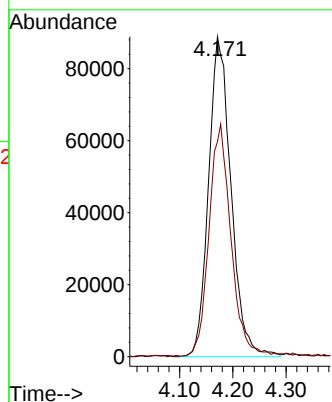
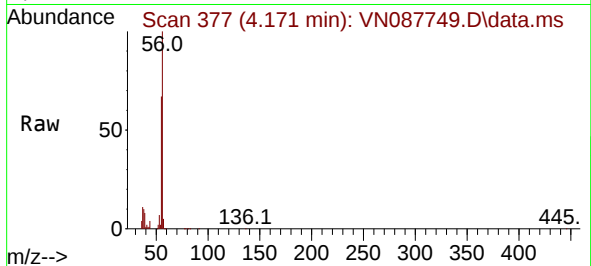




#13
Acrolein
Concen: 224.528 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

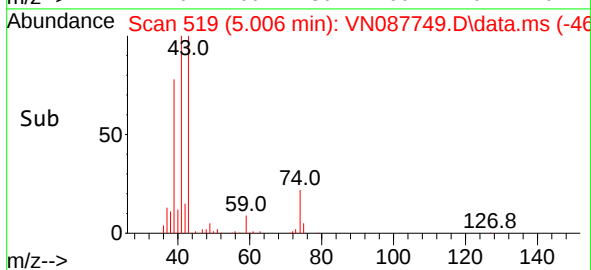
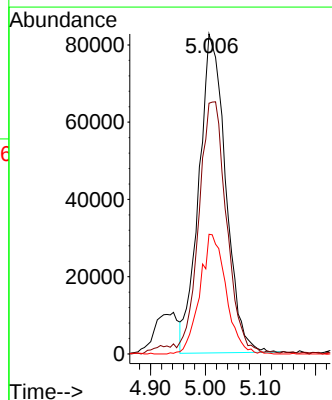
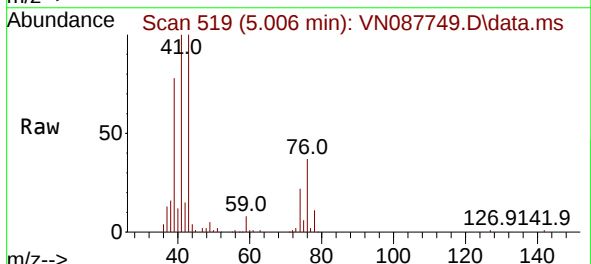
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 259964
Ion Ratio Lower Upper
56 100
55 70.8 57.3 85.9



#14
Allyl chloride
Concen: 40.423 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 41 Resp: 279641
Ion Ratio Lower Upper
41 100
39 80.7 63.9 95.9
76 36.5 28.1 42.1

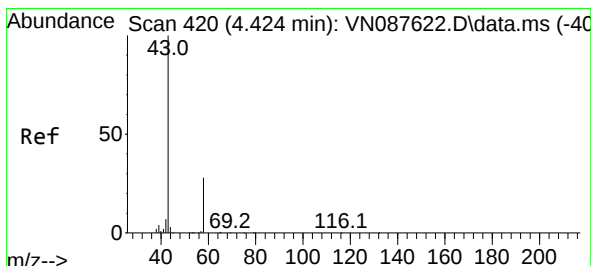
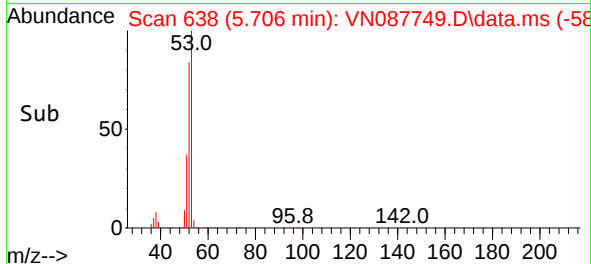
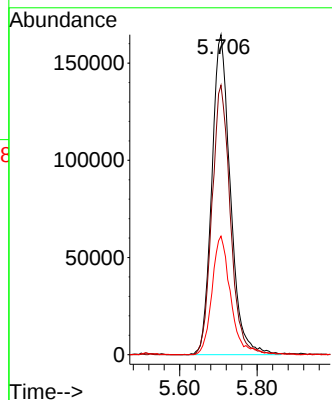
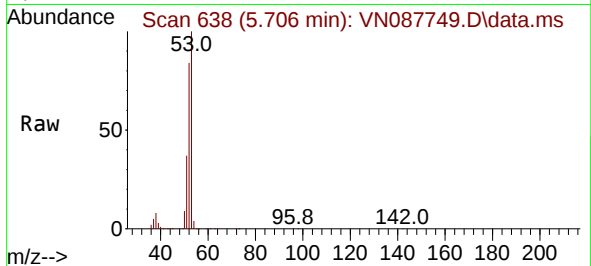




#15
Acrylonitrile
Concen: 206.207 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

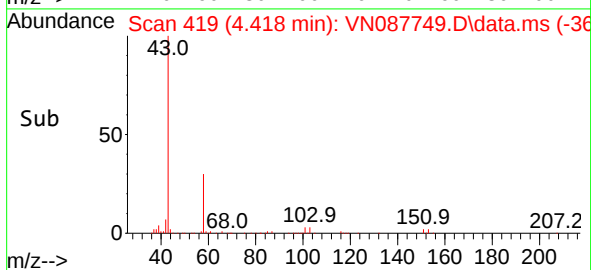
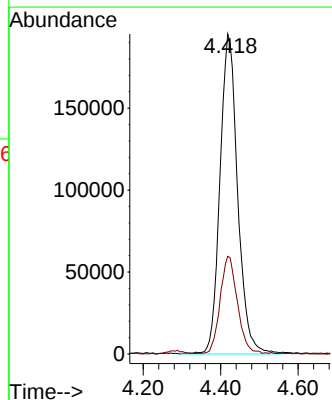
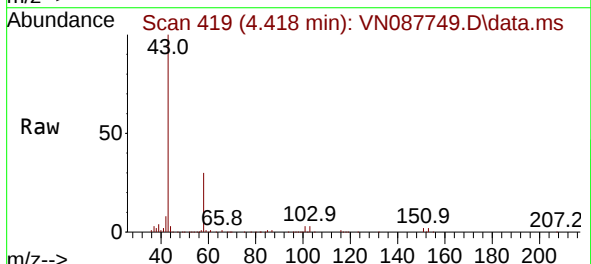
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

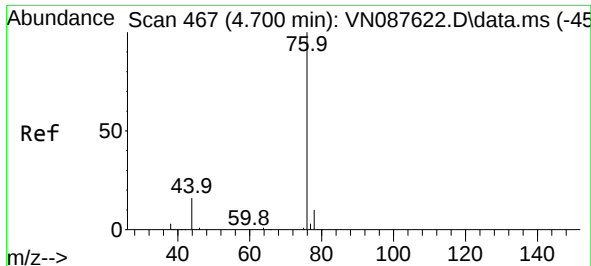
Tgt Ion: 53 Resp: 547710
Ion Ratio Lower Upper
53 100
52 83.4 67.6 101.4
51 37.4 30.1 45.1



#16
Acetone
Concen: 209.617 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 43 Resp: 619041
Ion Ratio Lower Upper
43 100
58 30.3 22.6 33.8

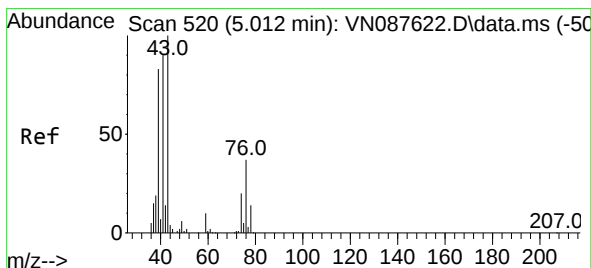
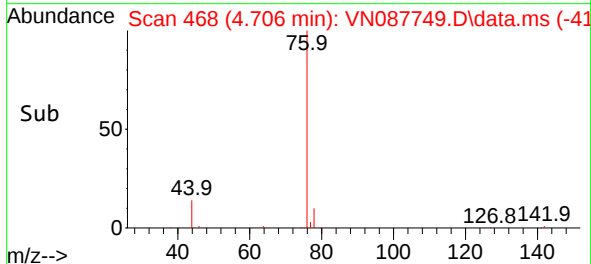
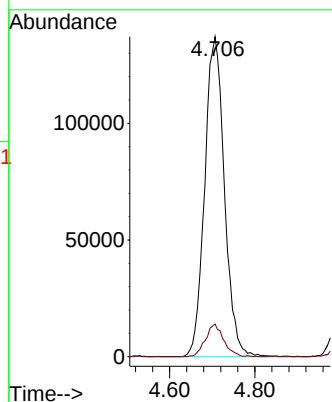
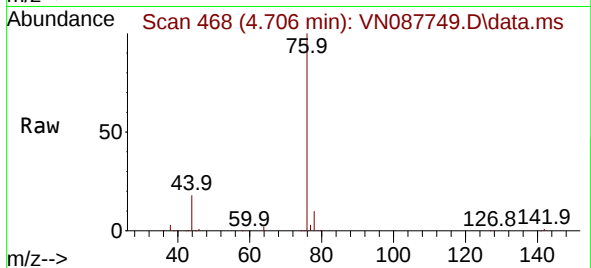




#17
Carbon Disulfide
Concen: 41.935 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

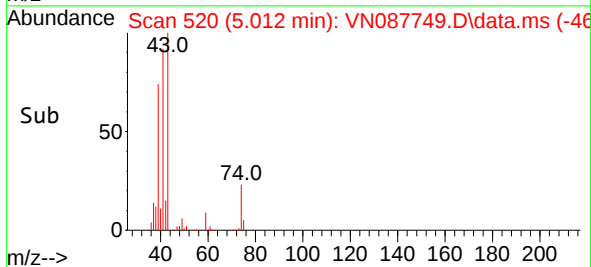
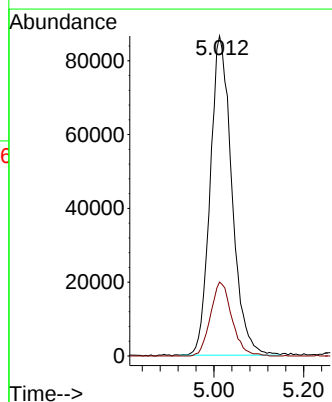
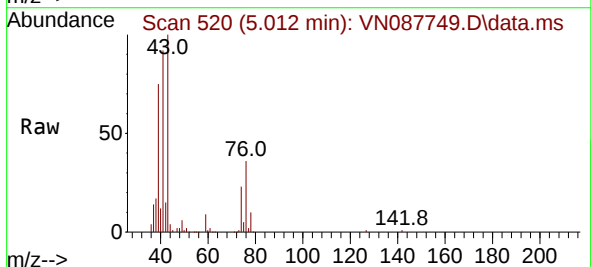
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

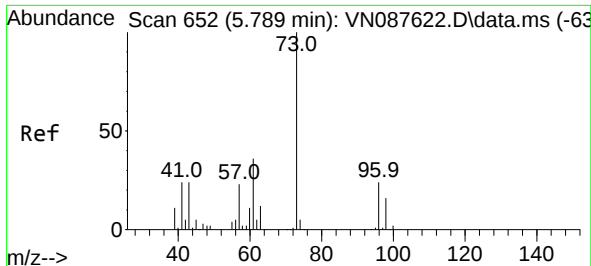
Tgt Ion: 76 Resp: 440714
Ion Ratio Lower Upper
76 100
78 10.2 7.6 11.4



#18
Methyl Acetate
Concen: 46.840 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 43 Resp: 289633
Ion Ratio Lower Upper
43 100
74 22.9 17.6 26.4

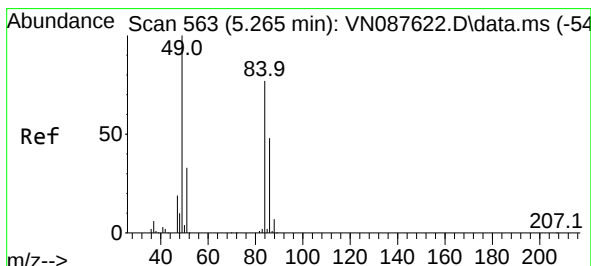
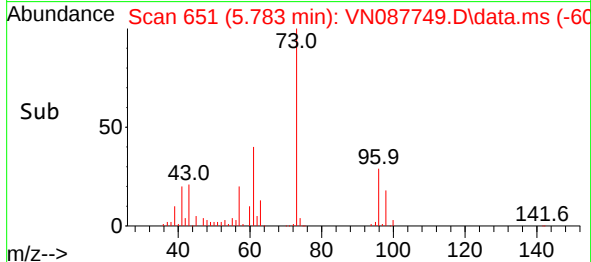
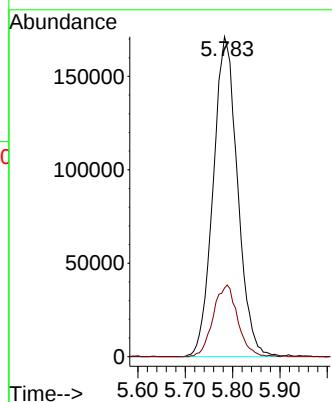
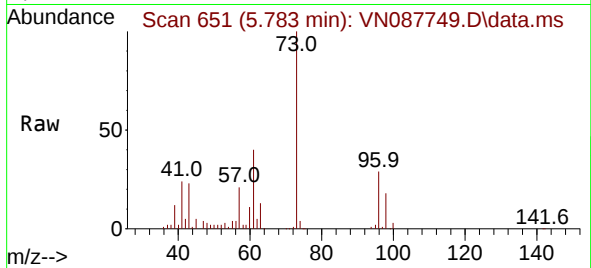




#19
Methyl tert-butyl Ether
Concen: 42.802 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

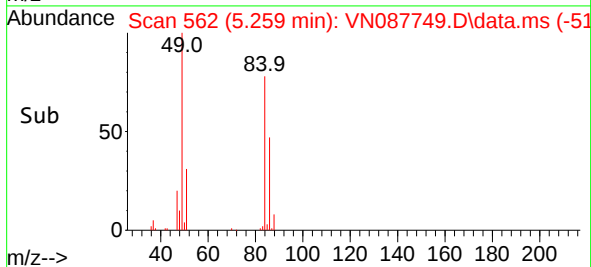
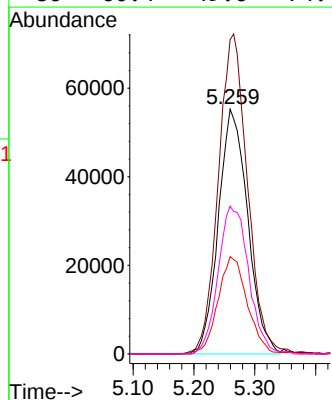
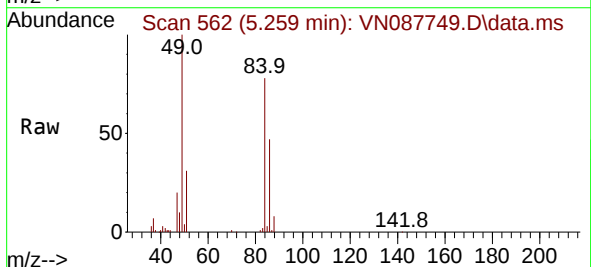
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

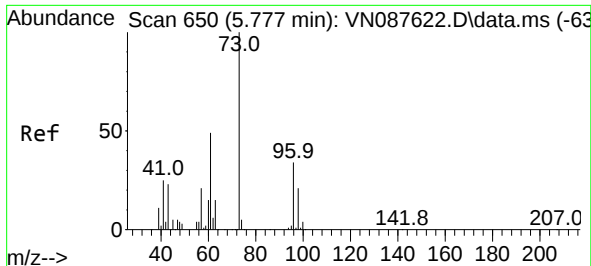
Tgt Ion: 73 Resp: 612958
Ion Ratio Lower Upper
73 100
57 21.4 18.4 27.6



#20
Methylene Chloride
Concen: 43.156 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 84 Resp: 185071
Ion Ratio Lower Upper
84 100
49 128.5 103.4 155.2
51 39.8 33.8 50.8
86 60.4 49.6 74.4

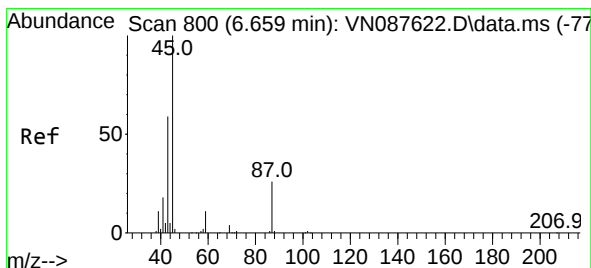
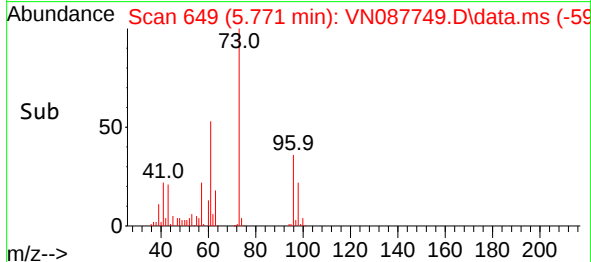
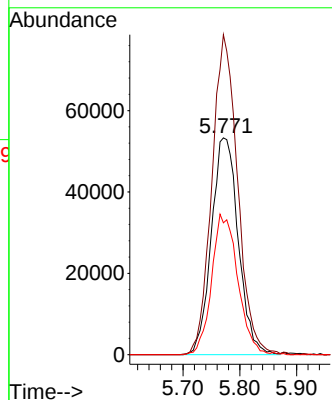
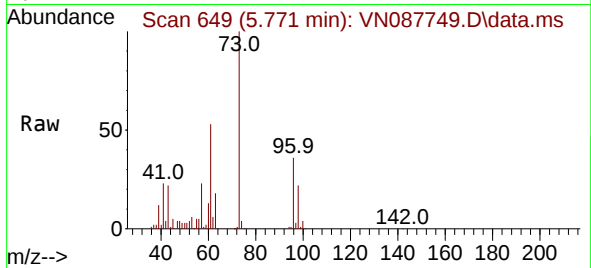




#21
trans-1,2-Dichloroethene
Concen: 42.339 ug/l
RT: 5.771 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

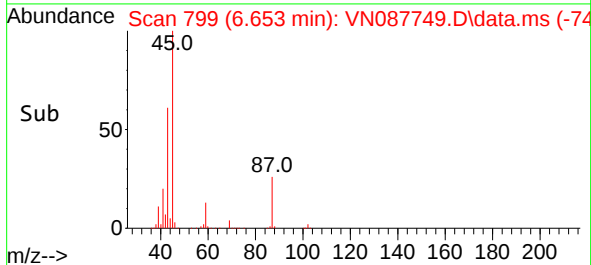
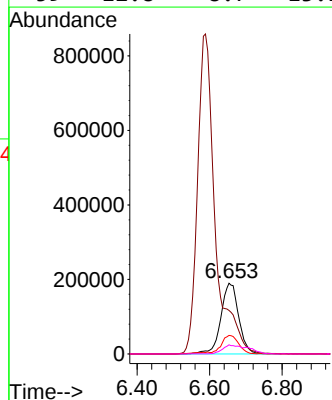
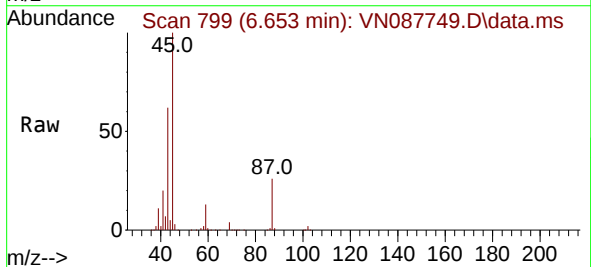
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 175170
Ion Ratio Lower Upper
96 100
61 147.6 118.0 177.0
98 60.8 50.0 75.0



#22
Diisopropyl ether
Concen: 43.312 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 45 Resp: 646592
Ion Ratio Lower Upper
45 100
43 61.1 47.7 71.5
87 26.1 21.4 32.0
59 12.8 8.7 13.1

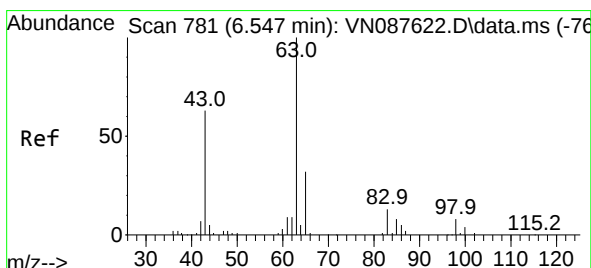
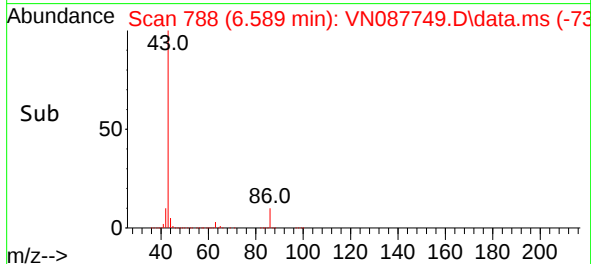
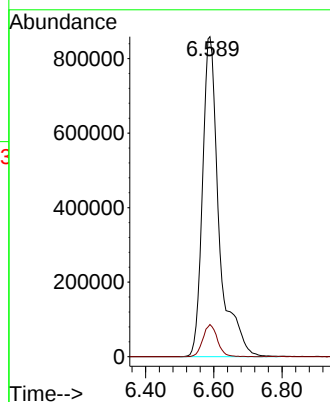
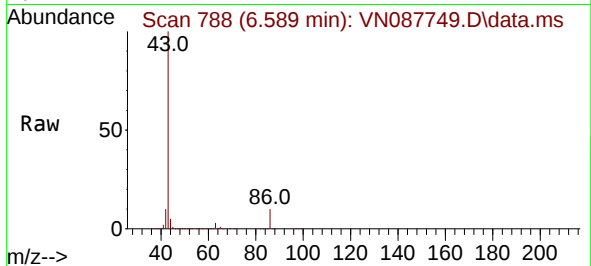




#23
 Vinyl Acetate
 Concen: 212.987 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087749.D
 Acq: 08 Sep 2025 08:58

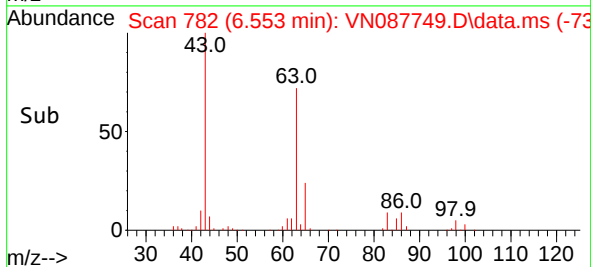
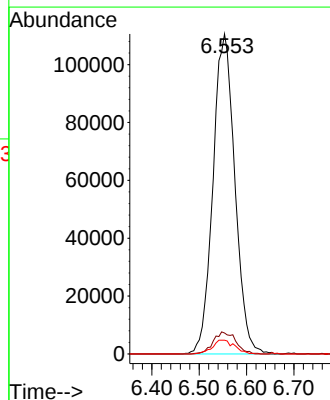
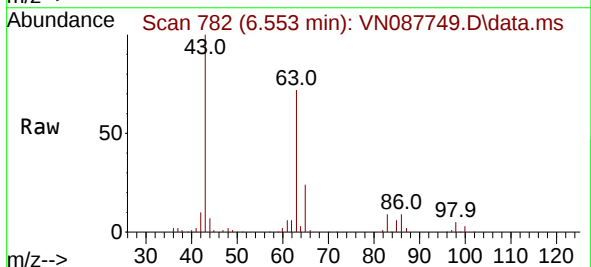
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2892767
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 43.431 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087749.D
 Acq: 08 Sep 2025 08:58

Tgt Ion: 63 Resp: 355491
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 4.3 2.0 6.0

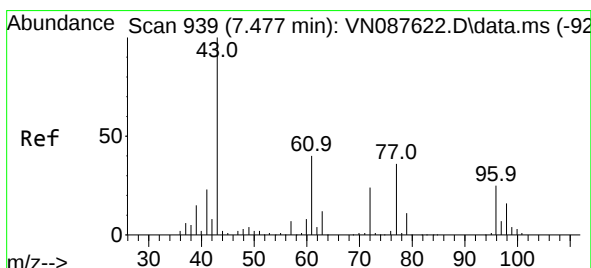
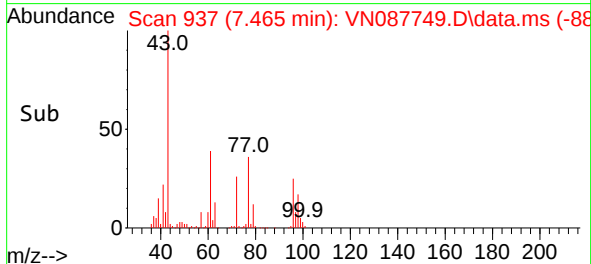
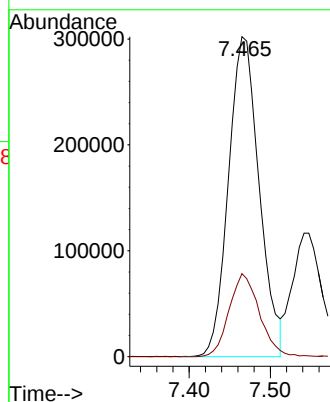
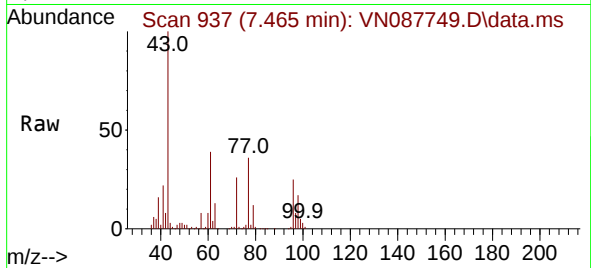




#25
2-Butanone
Concen: 204.814 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

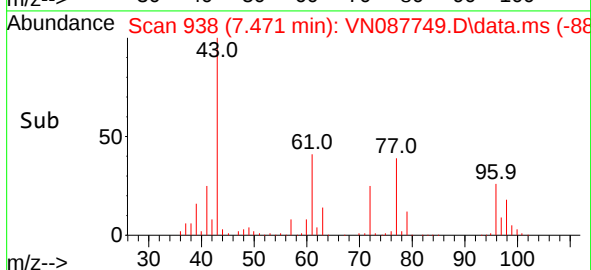
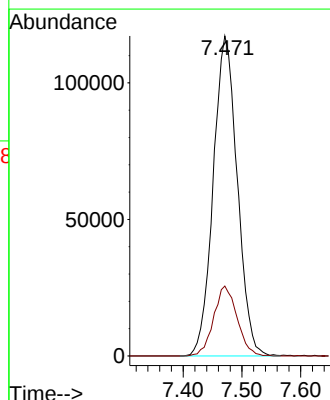
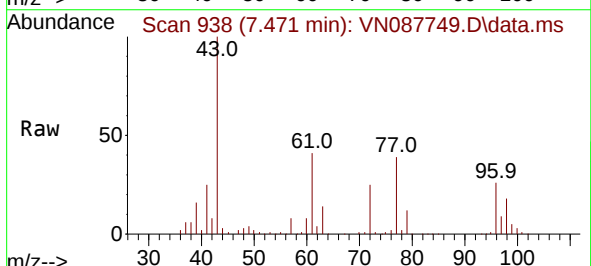
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 795768
Ion Ratio Lower Upper
43 100
72 25.9 19.9 29.9



#26
2,2-Dichloropropane
Concen: 47.404 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 77 Resp: 333020
Ion Ratio Lower Upper
77 100
97 21.3 10.9 32.7

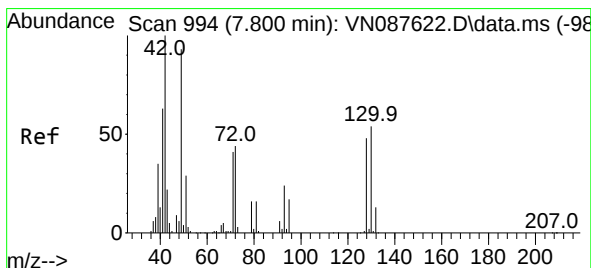
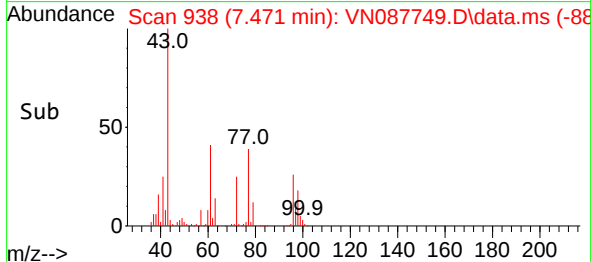
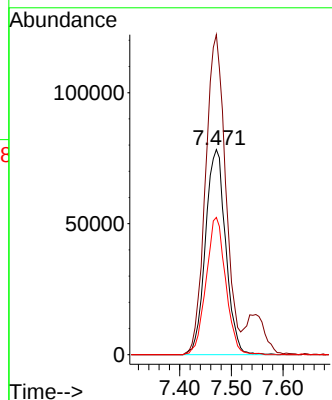
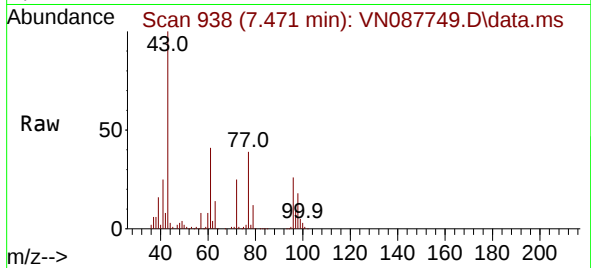




#27
 cis-1,2-Dichloroethene
 Concen: 43.021 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087749.D
 Acq: 08 Sep 2025 08:58

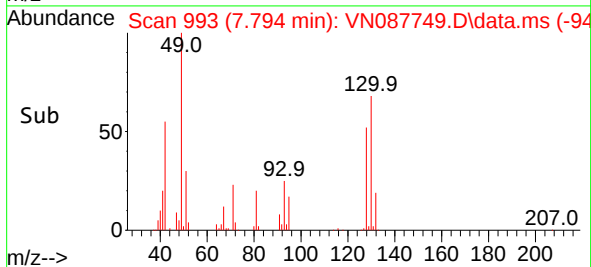
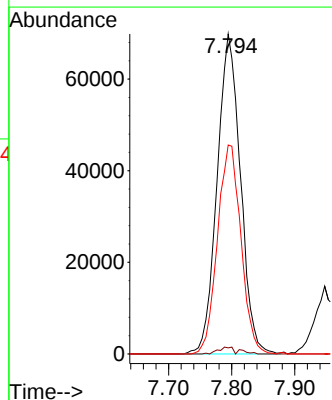
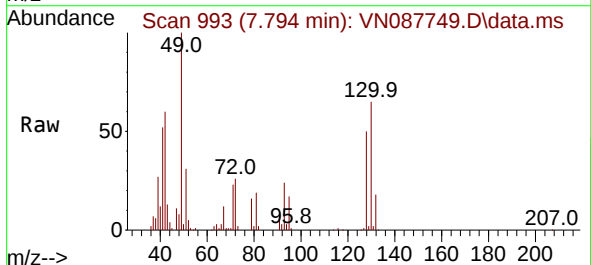
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 212784
 Ion Ratio Lower Upper
 96 100
 61 155.1 0.0 301.8
 98 64.8 0.0 126.2



#28
 Bromochloromethane
 Concen: 45.317 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087749.D
 Acq: 08 Sep 2025 08:58

Tgt Ion: 49 Resp: 179324
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.0
 130 65.6 53.1 79.7





#29

Tetrahydrofuran

Concen: 189.805 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087749.D

Acq: 08 Sep 2025 08:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

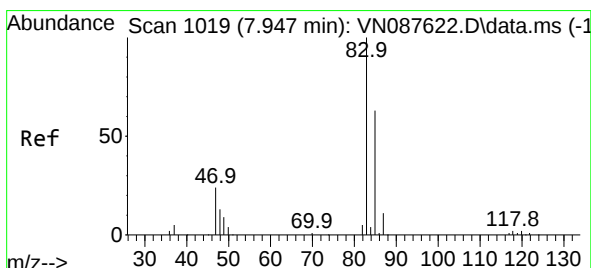
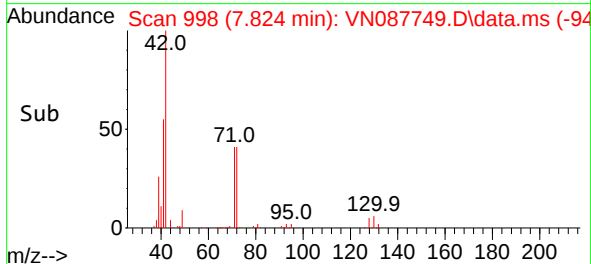
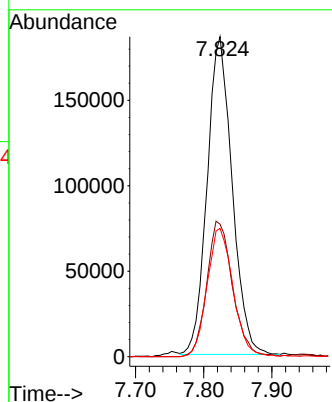
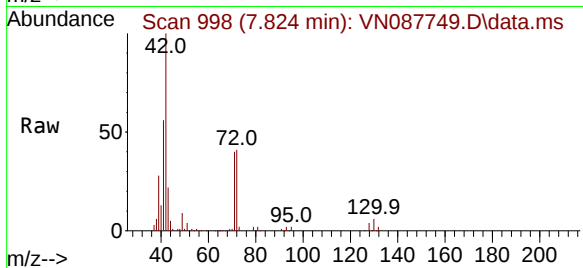
Tgt Ion: 42 Resp: 474593

Ion Ratio Lower Upper

42 100

72 43.9 33.7 50.5

71 42.0 31.9 47.9



#30

Chloroform

Concen: 44.150 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087749.D

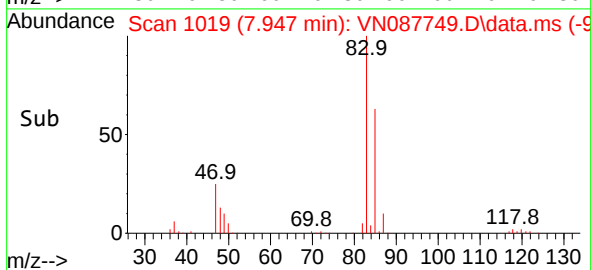
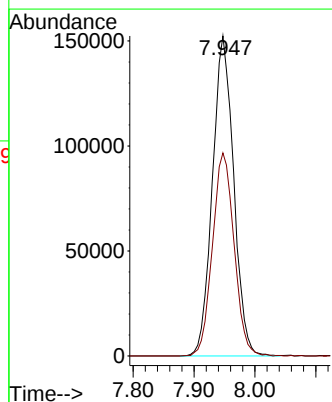
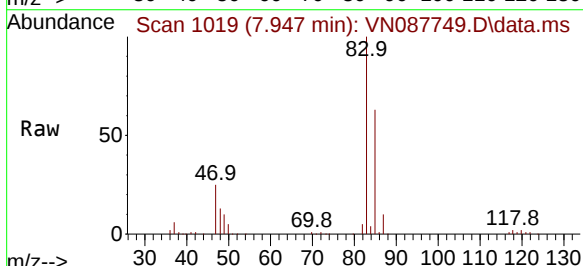
Acq: 08 Sep 2025 08:58

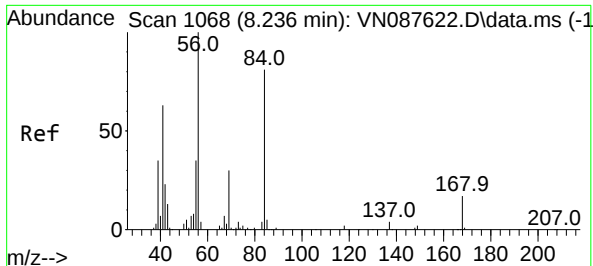
Tgt Ion: 83 Resp: 368853

Ion Ratio Lower Upper

83 100

85 63.5 50.7 76.1

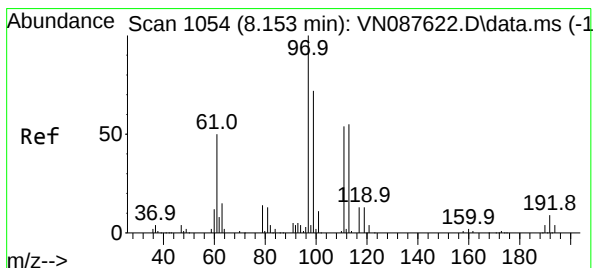
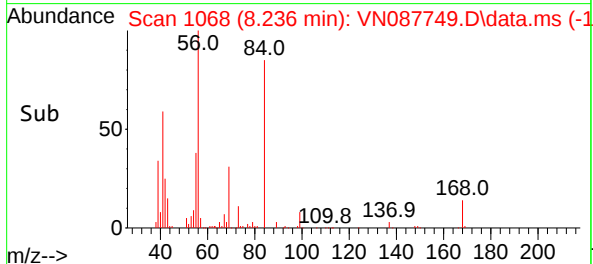
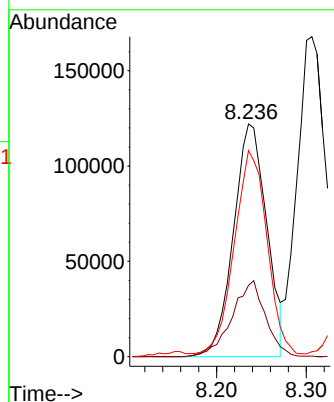
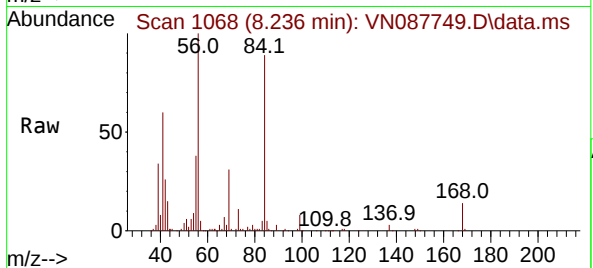




#31
Cyclohexane
Concen: 46.067 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

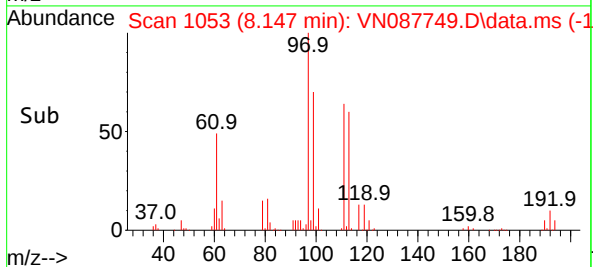
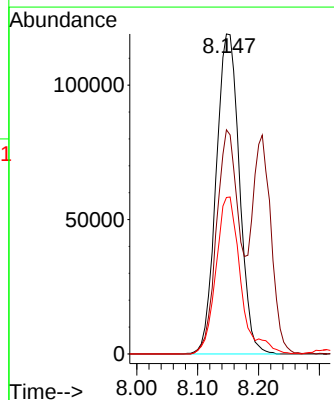
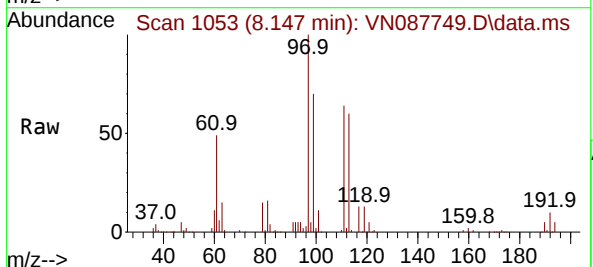
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

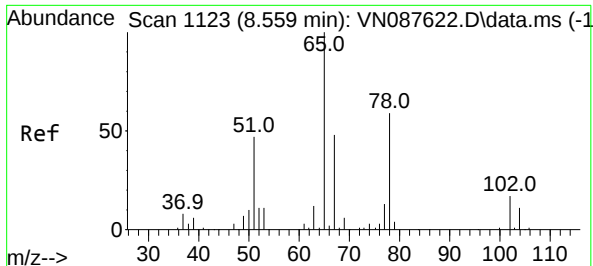
Tgt Ion: 56 Resp: 314346
Ion Ratio Lower Upper
56 100
69 30.6 23.7 35.5
84 86.3 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 44.707 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 97 Resp: 316535
Ion Ratio Lower Upper
97 100
99 66.5 52.2 78.2
61 51.9 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 43.792 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087749.D

Acq: 08 Sep 2025 08:58

Instrument :

MSVOA_N

ClientSampleId :

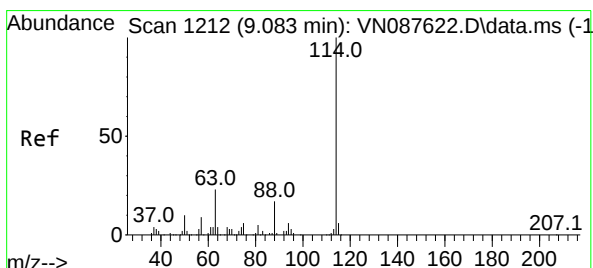
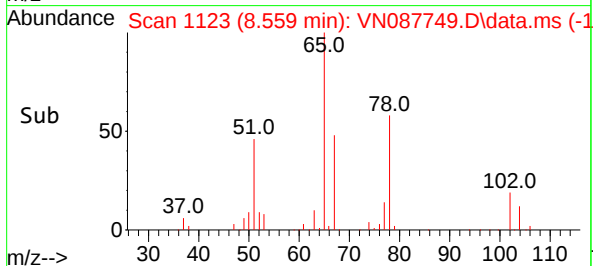
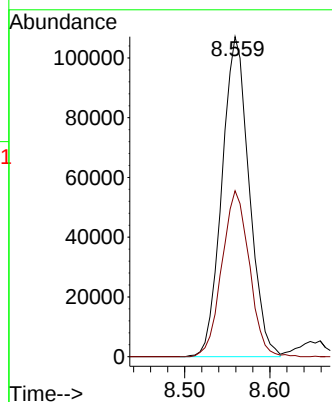
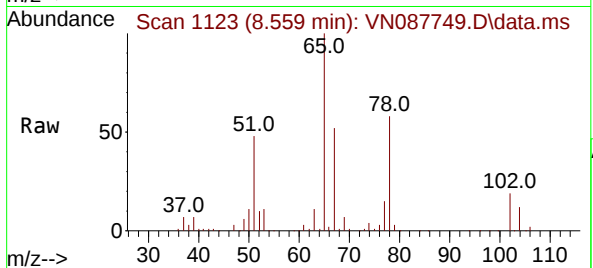
VSTDCCC050

Tgt Ion: 65 Resp: 237572

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN087749.D

Acq: 08 Sep 2025 08:58

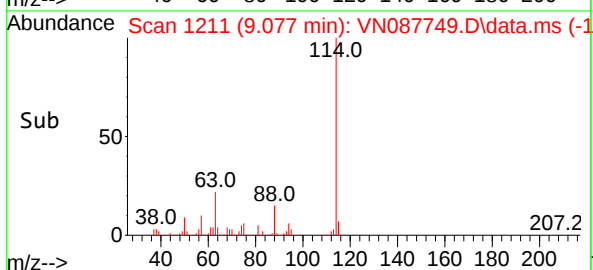
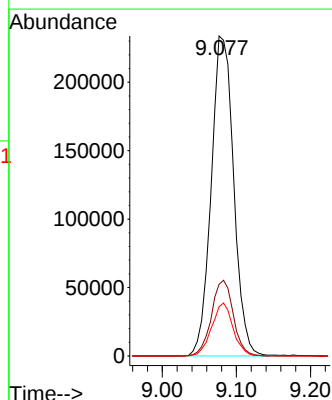
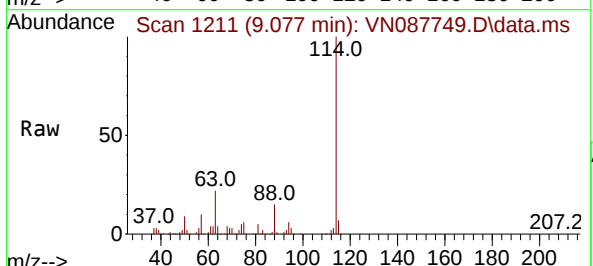
Tgt Ion: 114 Resp: 492400

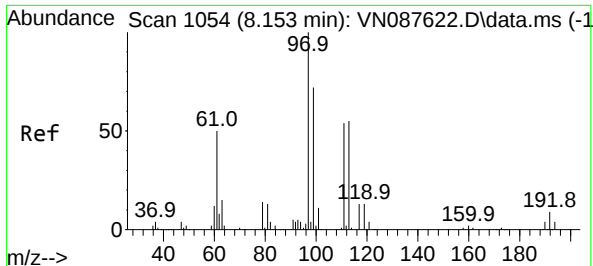
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.2

88 15.4 0.0 33.4

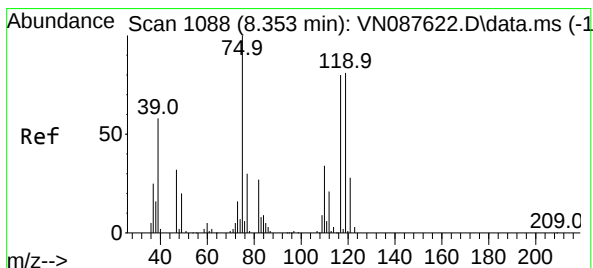
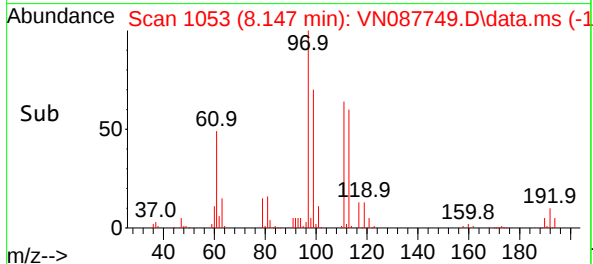
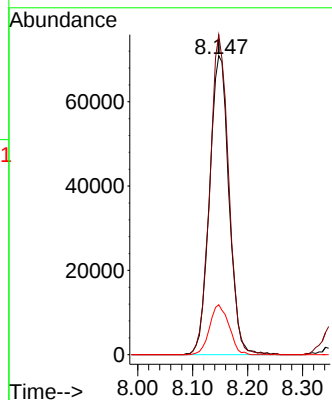
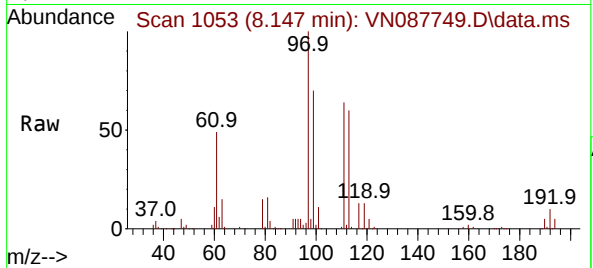




#35
Dibromofluoromethane
Concen: 49.016 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

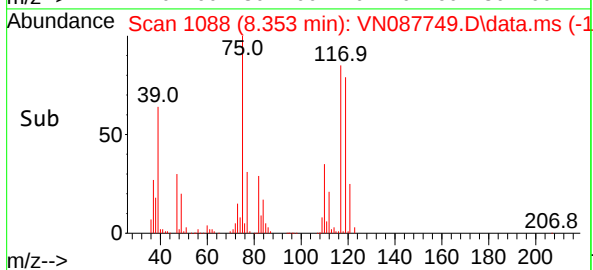
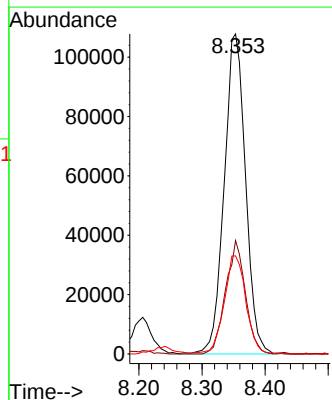
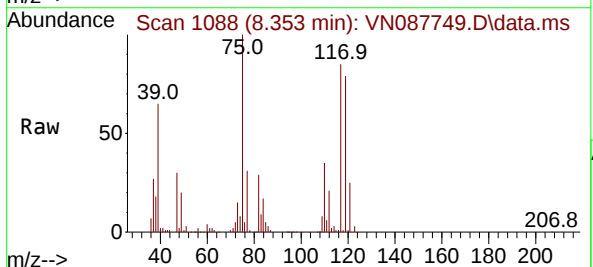
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

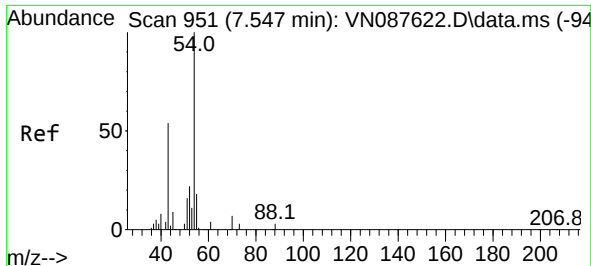
Tgt Ion:113 Resp: 174258
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 16.6 12.8 19.2



#36
1,1-Dichloropropene
Concen: 46.419 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 75 Resp: 253170
Ion Ratio Lower Upper
75 100
110 32.8 15.9 47.6
77 31.4 24.4 36.6

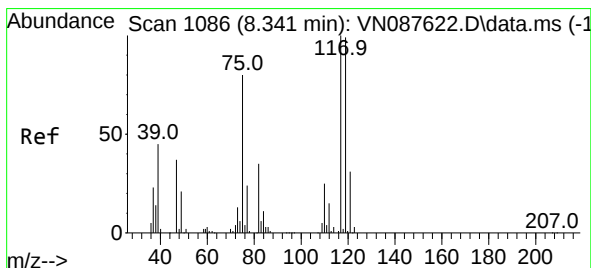
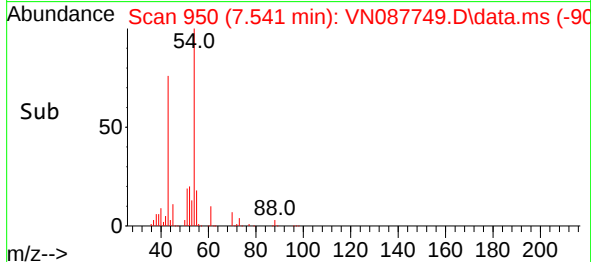
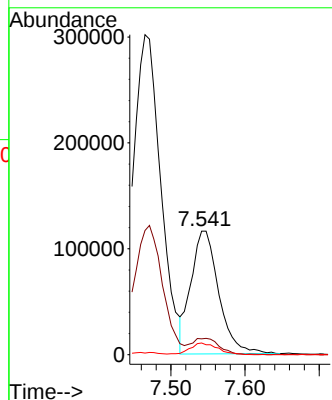
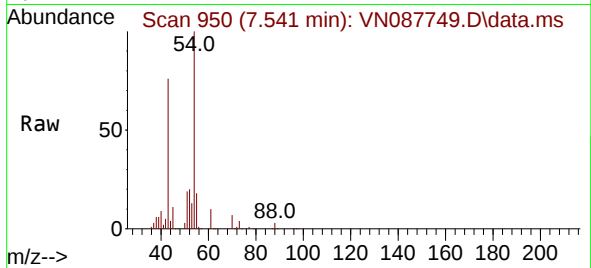




#37
Ethyl Acetate
Concen: 40.710 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

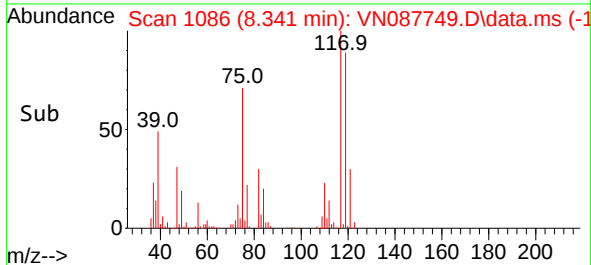
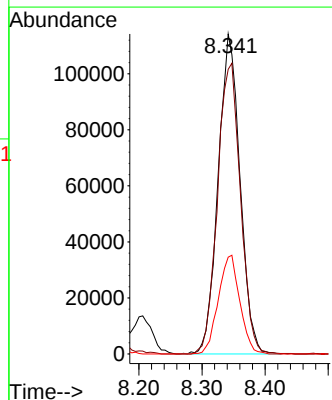
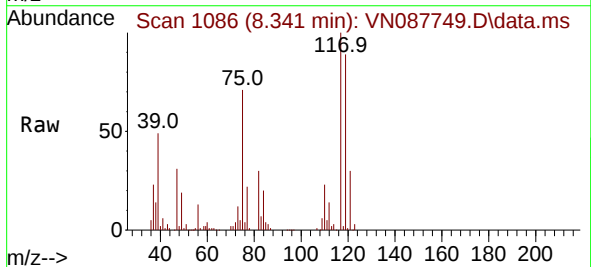
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

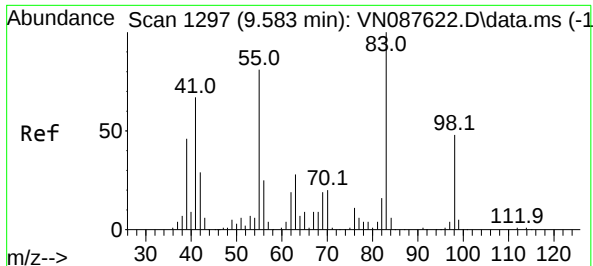
Tgt Ion: 43 Resp: 303404
Ion Ratio Lower Upper
43 100
61 13.5 9.3 13.9
70 9.4 7.0 10.6



#38
Carbon Tetrachloride
Concen: 51.020 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 117 Resp: 274734
Ion Ratio Lower Upper
117 100
119 88.9 79.0 118.6
121 30.3 25.0 37.6





#39

Methylcyclohexane

Concen: 51.843 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087749.D

Acq: 08 Sep 2025 08:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

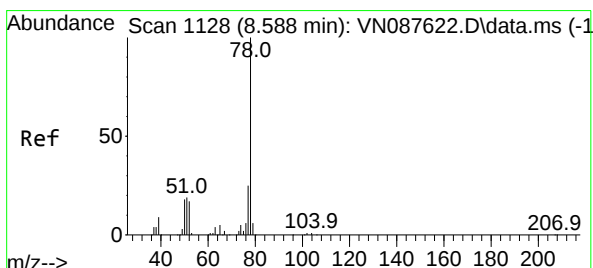
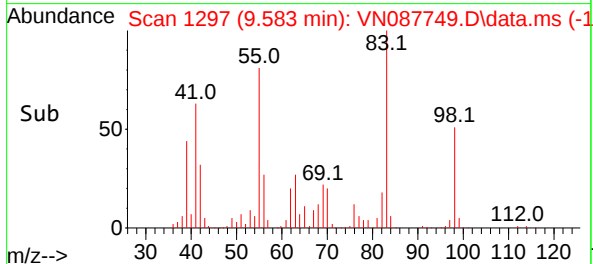
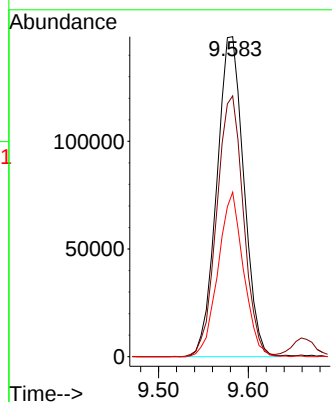
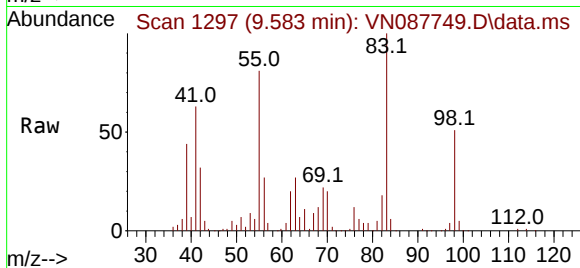
Tgt Ion: 83 Resp: 311292

Ion Ratio Lower Upper

83 100

55 81.5 64.6 96.8

98 51.4 38.4 57.6



#40

Benzene

Concen: 45.989 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087749.D

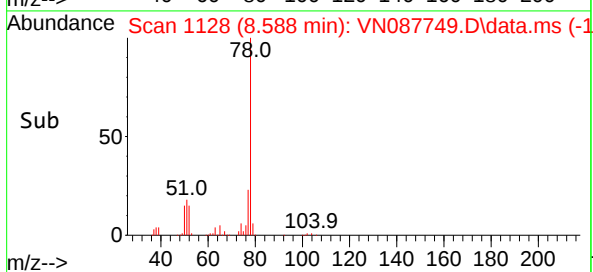
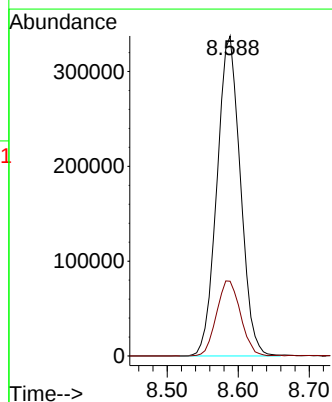
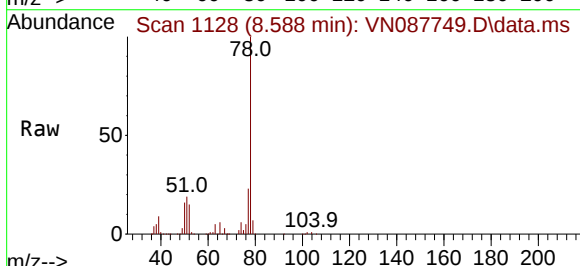
Acq: 08 Sep 2025 08:58

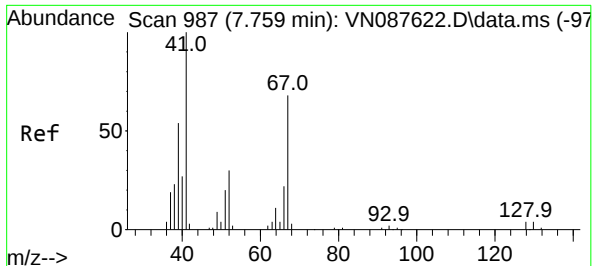
Tgt Ion: 78 Resp: 769311

Ion Ratio Lower Upper

78 100

77 23.3 19.7 29.5



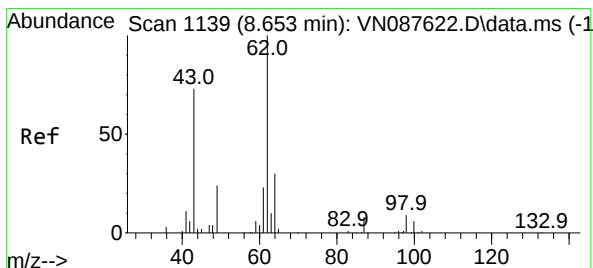
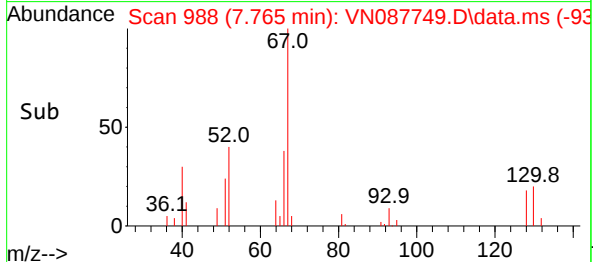
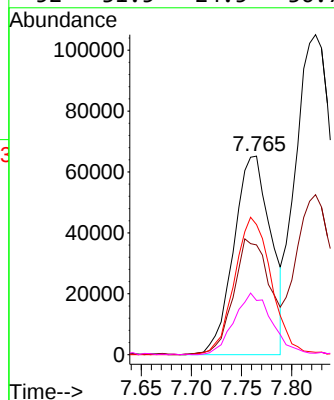
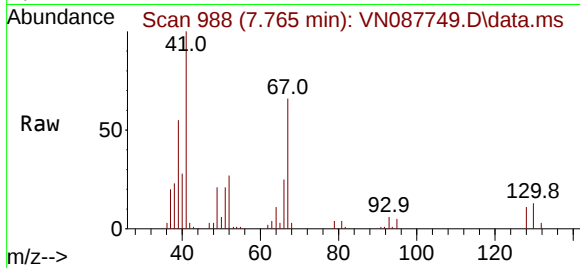


#41
Methacrylonitrile
Concen: 43.582 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 168250

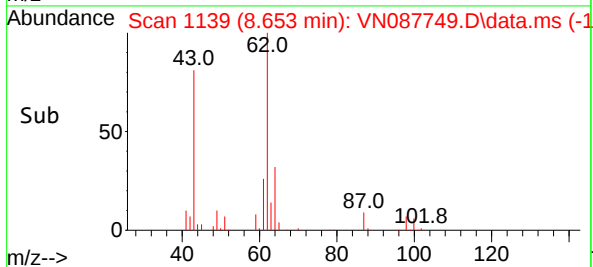
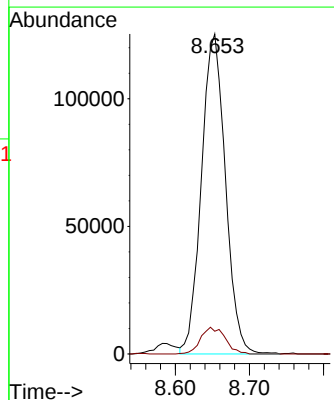
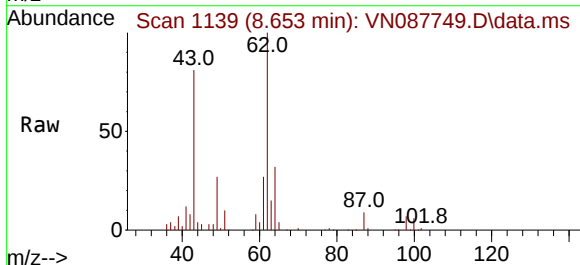
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.4	68.0
67	69.0	55.3	82.9
52	31.5	24.5	36.7

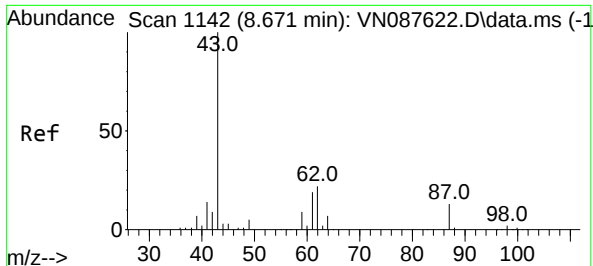


#42
1,2-Dichloroethane
Concen: 43.923 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 62 Resp: 282348

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.4





#43

Isopropyl Acetate

Concen: 44.375 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN087749.D

Acq: 08 Sep 2025 08:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

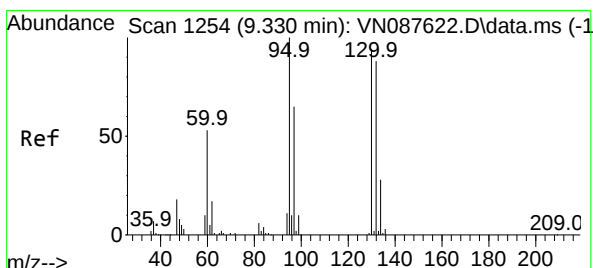
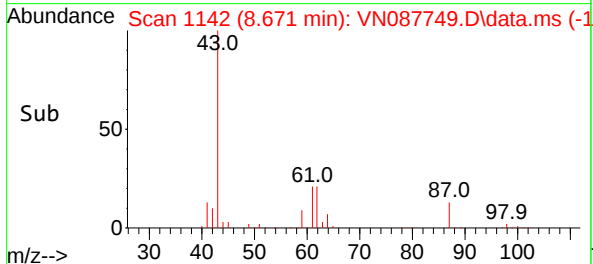
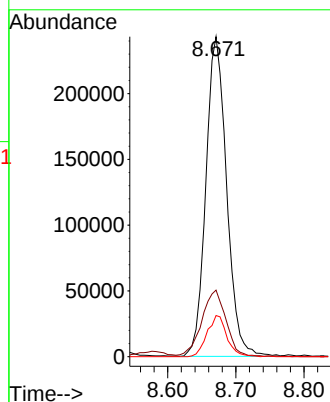
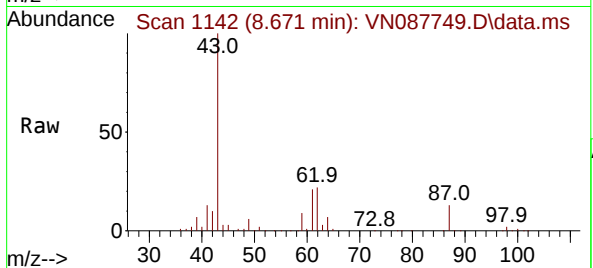
Tgt Ion: 43 Resp: 516340

Ion Ratio Lower Upper

43 100

61 24.0 18.8 28.2

87 12.2 9.6 14.4



#44

Trichloroethene

Concen: 46.377 ug/l

RT: 9.330 min Scan# 1254

Delta R.T. -0.000 min

Lab File: VN087749.D

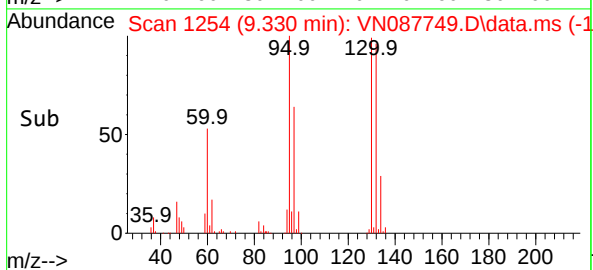
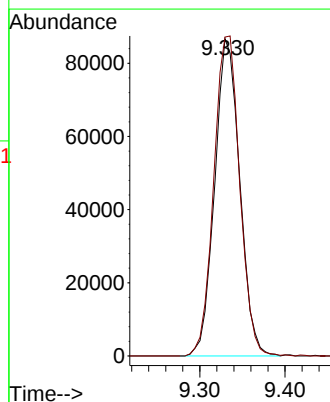
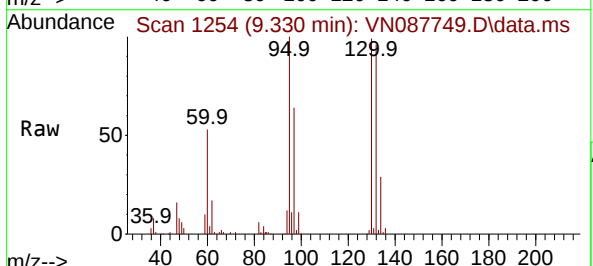
Acq: 08 Sep 2025 08:58

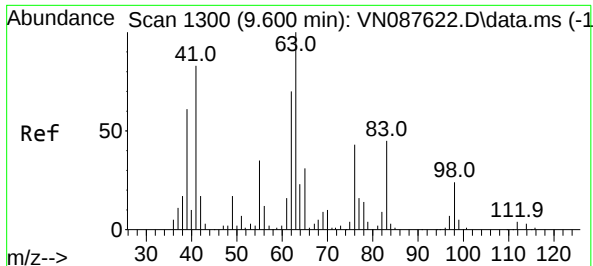
Tgt Ion:130 Resp: 177123

Ion Ratio Lower Upper

130 100

95 100.6 0.0 212.0





#45

1,2-Dichloropropane

Concen: 44.598 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087749.D

Acq: 08 Sep 2025 08:58

Instrument :

MSVOA_N

ClientSampleId :

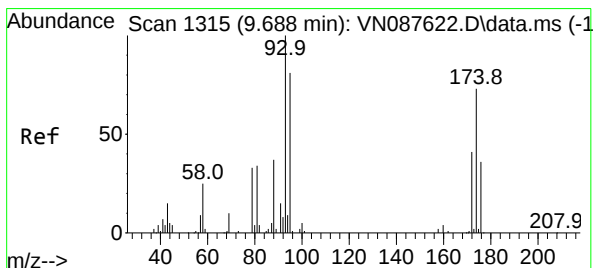
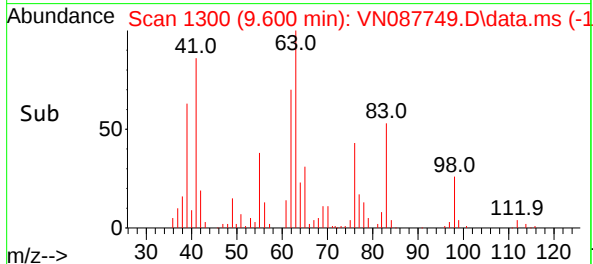
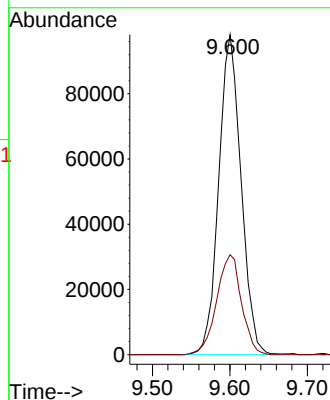
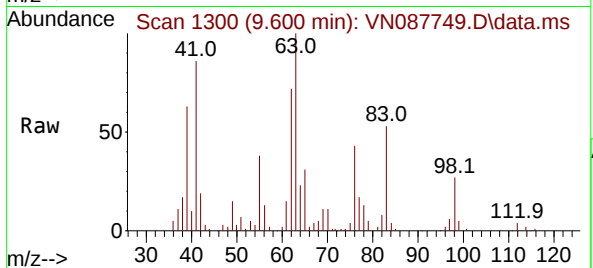
VSTDCCC050

Tgt Ion: 63 Resp: 196650

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.4



#46

Dibromomethane

Concen: 44.647 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087749.D

Acq: 08 Sep 2025 08:58

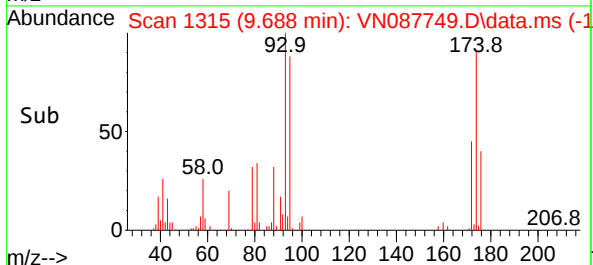
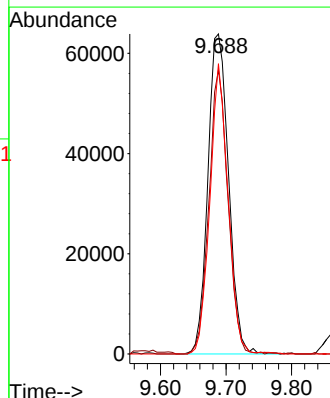
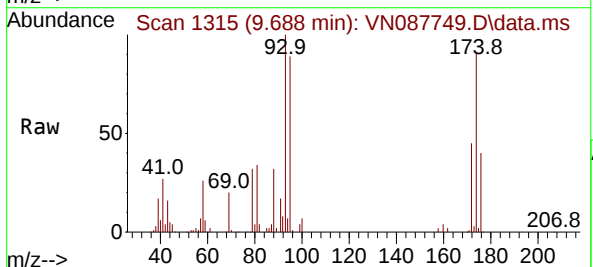
Tgt Ion: 93 Resp: 140094

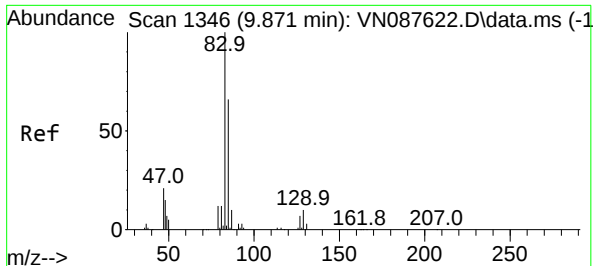
Ion Ratio Lower Upper

93 100

95 81.7 66.2 99.4

174 79.4 63.4 95.2

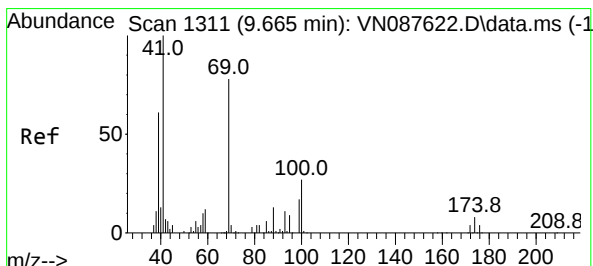
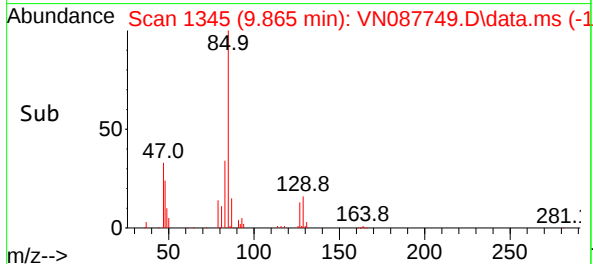
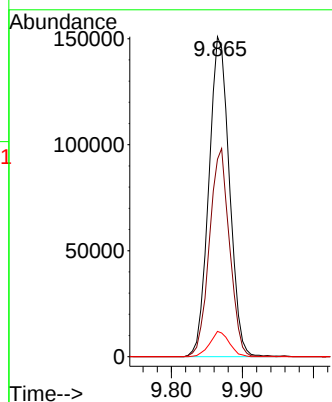
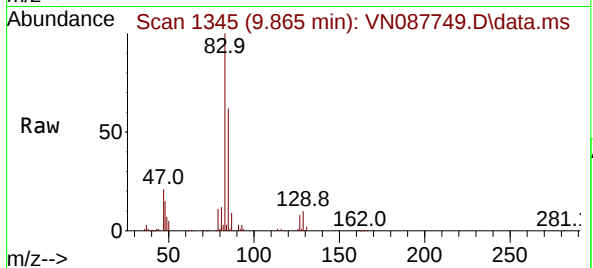




#47
Bromodichloromethane
Concen: 47.142 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

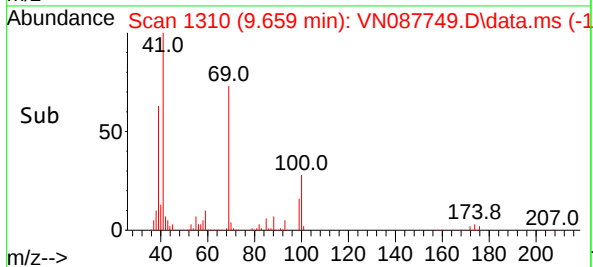
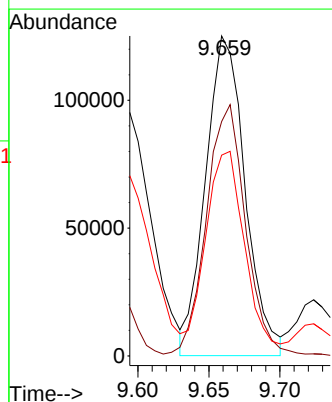
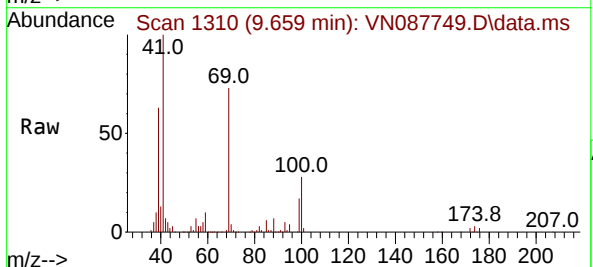
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

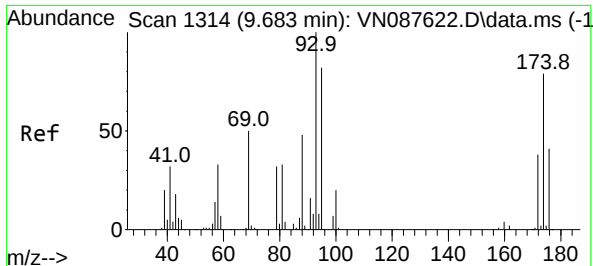
Tgt Ion: 83 Resp: 303159
Ion Ratio Lower Upper
83 100
85 61.7 52.5 78.7
127 7.9 5.8 8.6



#48
Methyl methacrylate
Concen: 43.995 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 41 Resp: 242139
Ion Ratio Lower Upper
41 100
69 78.0 62.7 94.1
39 63.9 52.9 79.3





#49

1,4-Dioxane

Concen: 899.444 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087749.D

Acq: 08 Sep 2025 08:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

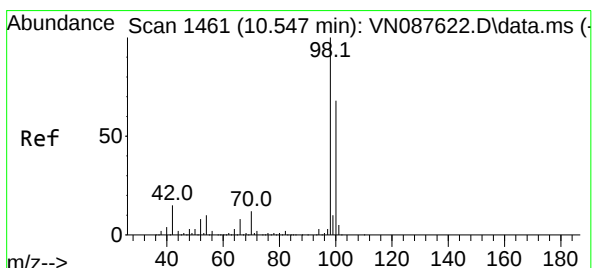
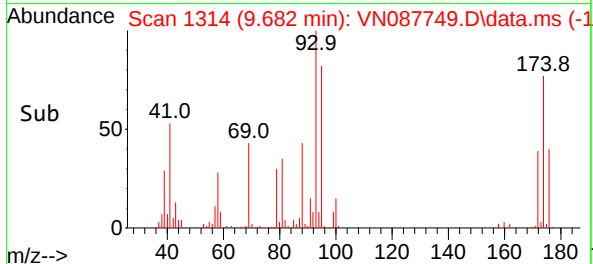
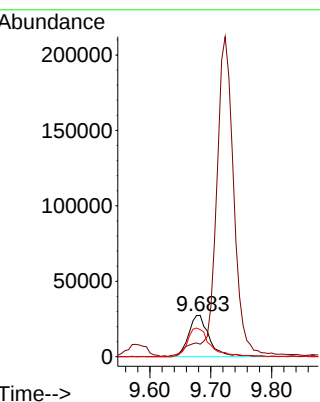
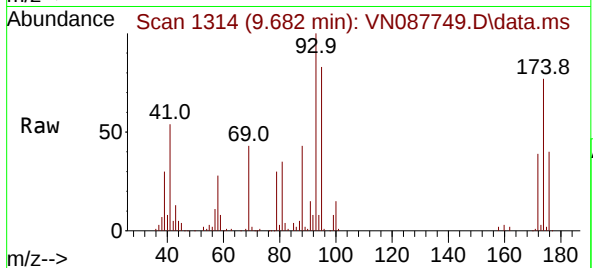
Tgt Ion: 88 Resp: 64163

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.3 57.9 86.9



#50

Toluene-d8

Concen: 49.479 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087749.D

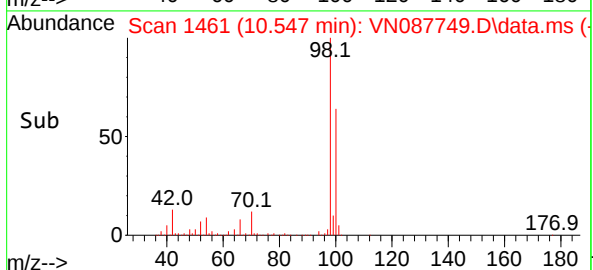
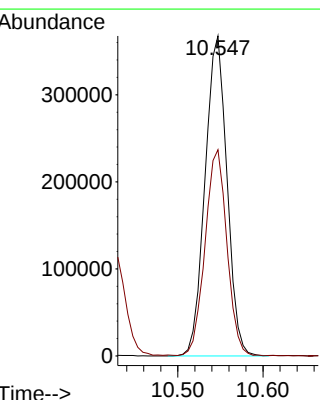
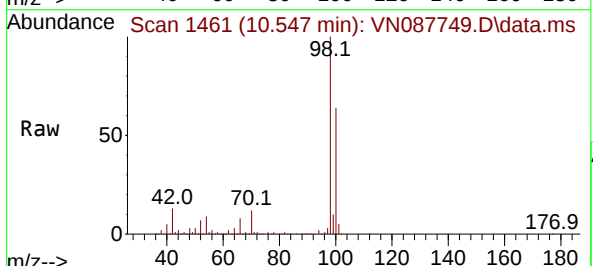
Acq: 08 Sep 2025 08:58

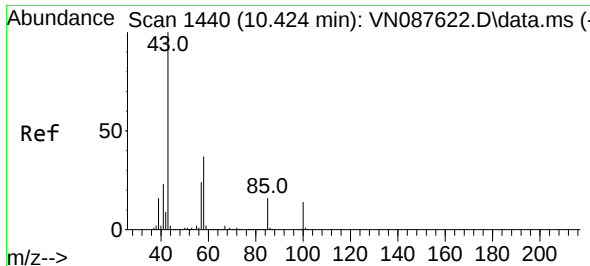
Tgt Ion: 98 Resp: 658372

Ion Ratio Lower Upper

98 100

100 64.0 52.8 79.2

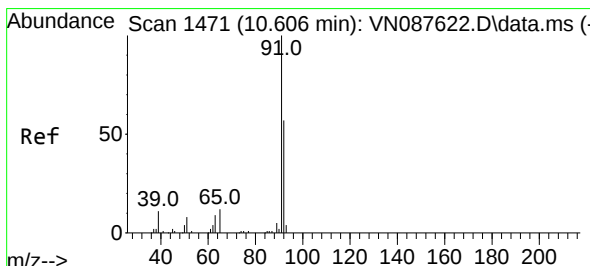
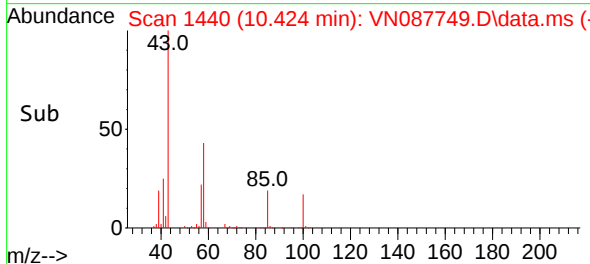
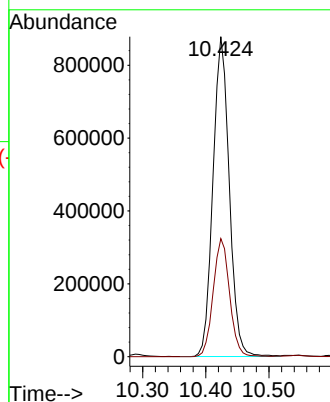
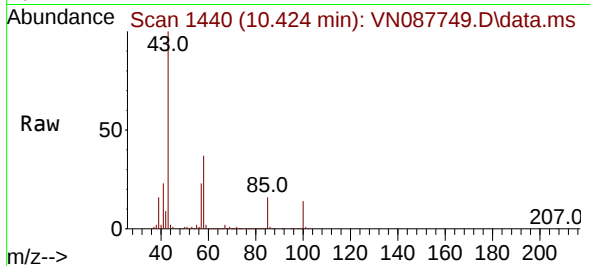




#51
4-Methyl-2-Pentanone
Concen: 224.635 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

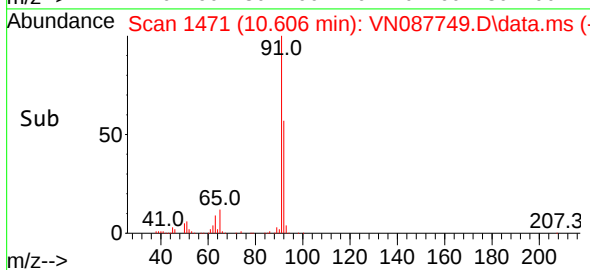
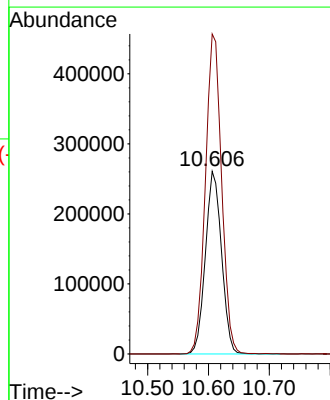
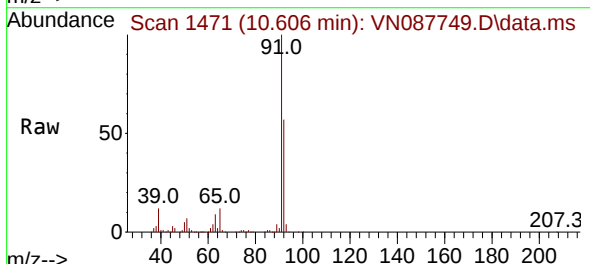
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

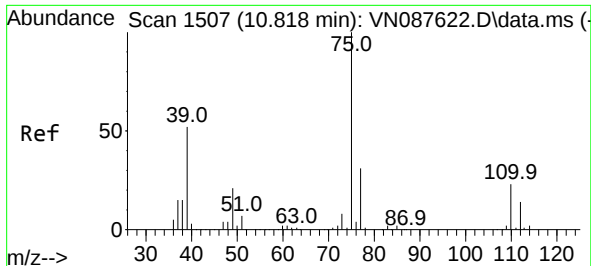
Tgt Ion: 43 Resp: 1577008
Ion Ratio Lower Upper
43 100
58 37.1 29.6 44.4



#52
Toluene
Concen: 46.328 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 92 Resp: 480446
Ion Ratio Lower Upper
92 100
91 175.8 140.4 210.6

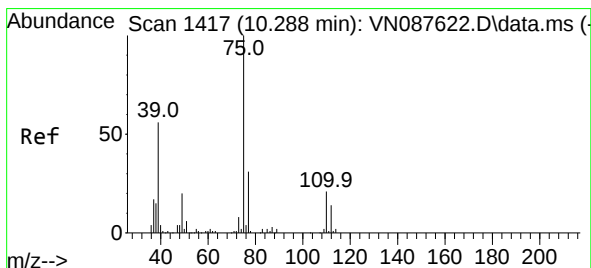
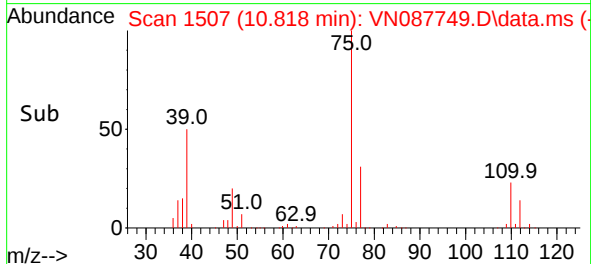
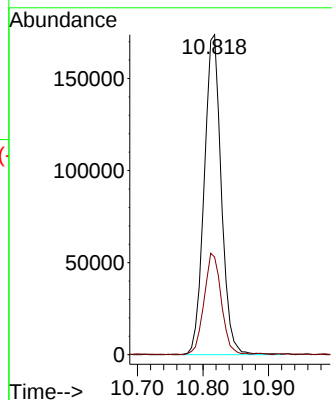
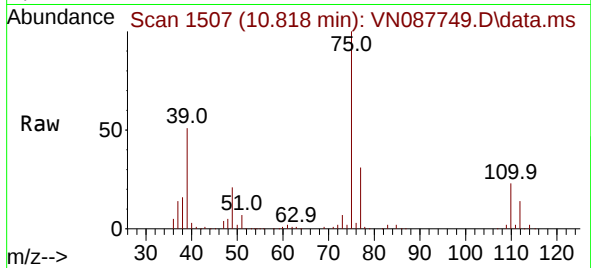




#53
 t-1,3-Dichloropropene
 Concen: 47.362 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087749.D
 Acq: 08 Sep 2025 08:58

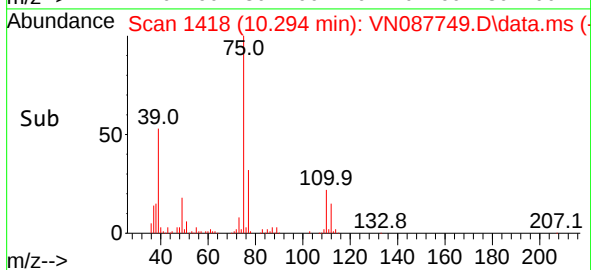
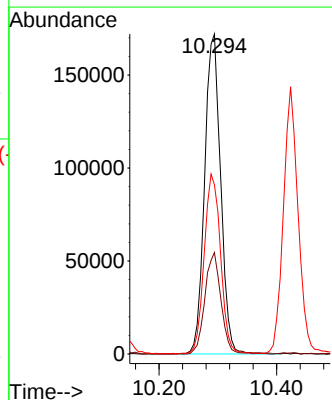
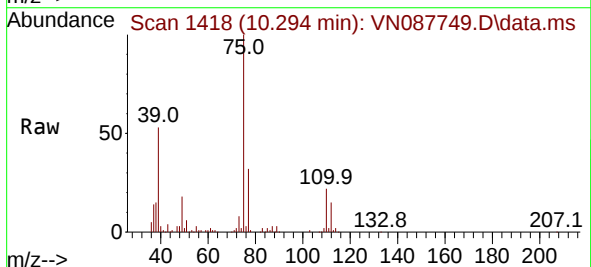
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

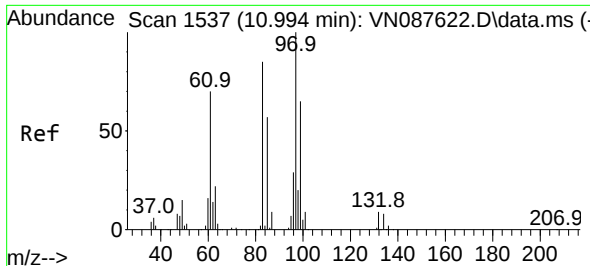
Tgt Ion: 75 Resp: 315264
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 47.042 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087749.D
 Acq: 08 Sep 2025 08:58

Tgt Ion: 75 Resp: 325135
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0
 39 52.7 45.2 67.8

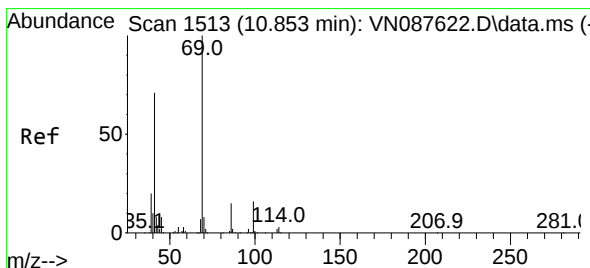
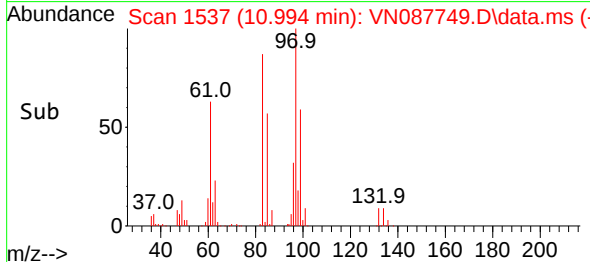
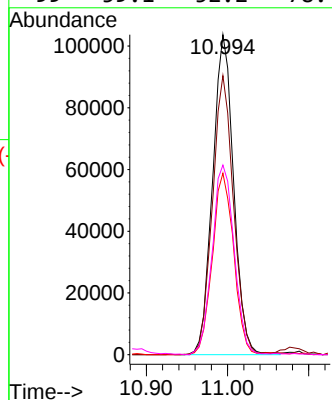
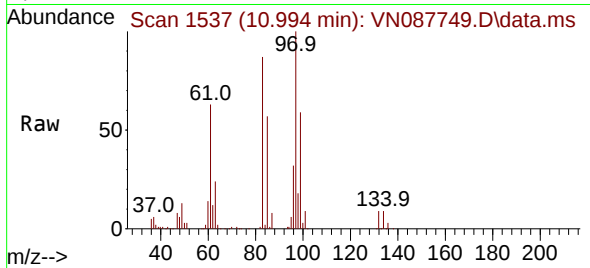




#55
1,1,2-Trichloroethane
Concen: 46.480 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

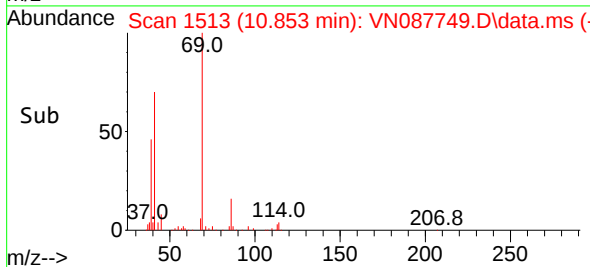
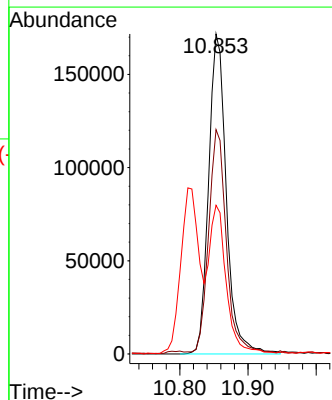
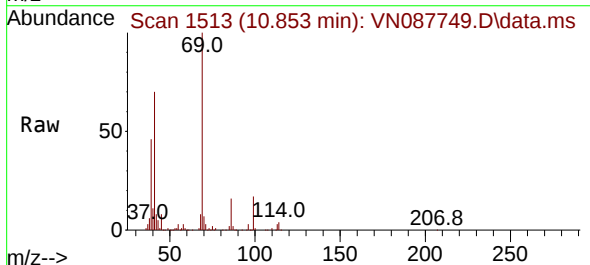
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	97	Resp:	186467
Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.2	102.4
85	56.7	45.5	68.3
99	59.1	52.2	78.4



#56
Ethyl methacrylate
Concen: 48.465 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion:	69	Resp:	310723
Ion	Ratio	Lower	Upper
69	100		
41	69.2	56.5	84.7
39	44.2	34.2	51.4





#57

1,3-Dichloropropane

Concen: 45.503 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN087749.D

Acq: 08 Sep 2025 08:58

Instrument :

MSVOA_N

ClientSampleId :

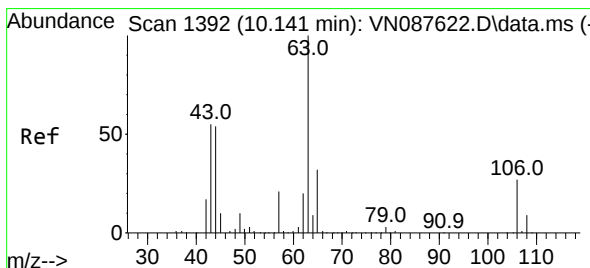
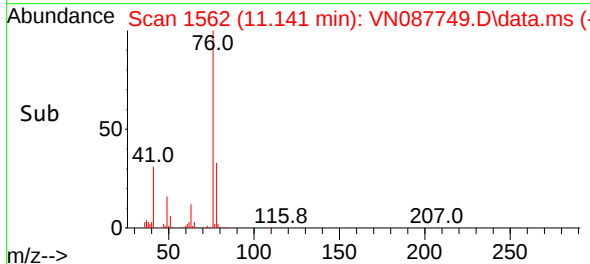
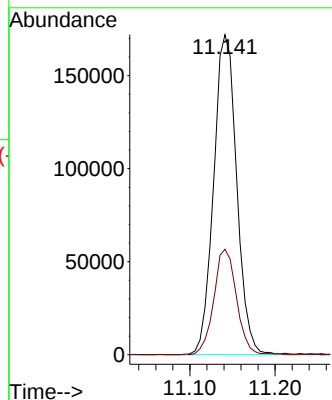
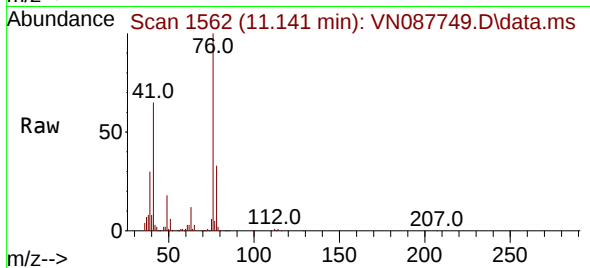
VSTDCCC050

Tgt Ion: 76 Resp: 323072

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 229.757 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087749.D

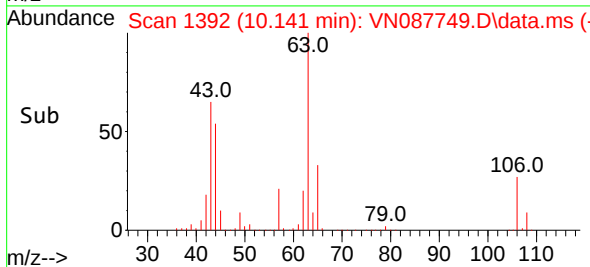
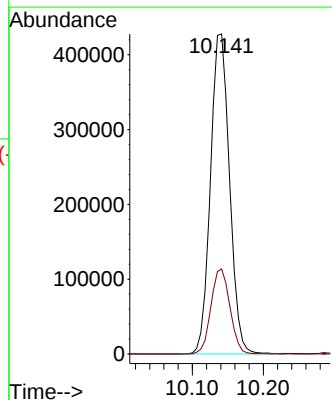
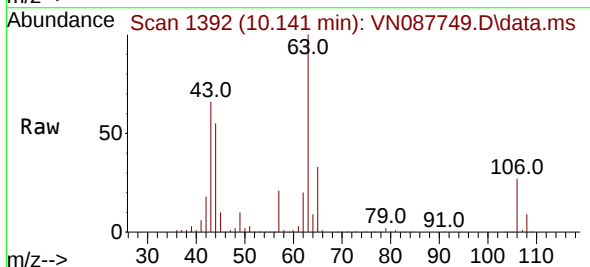
Acq: 08 Sep 2025 08:58

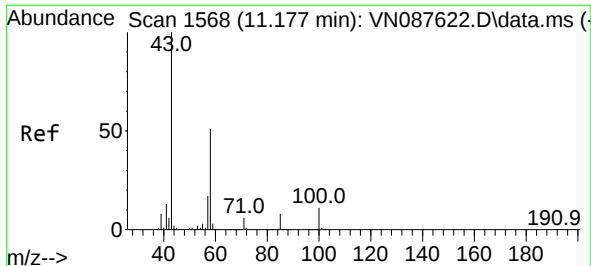
Tgt Ion: 63 Resp: 797294

Ion Ratio Lower Upper

63 100

106 26.4 21.1 31.7

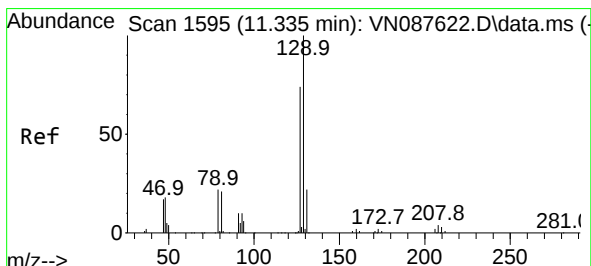
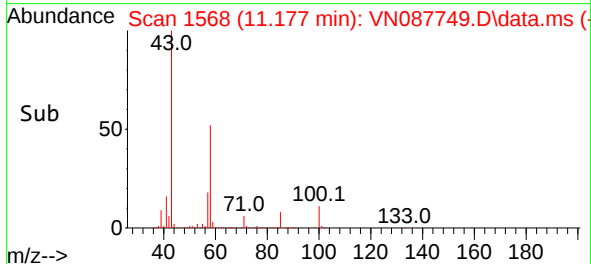
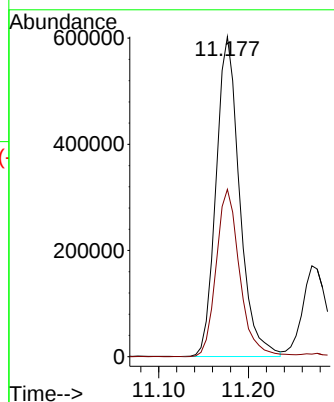
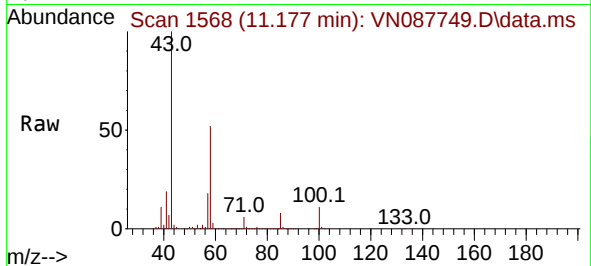




#59
2-Hexanone
Concen: 247.196 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

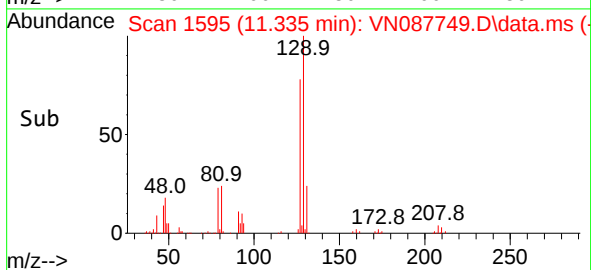
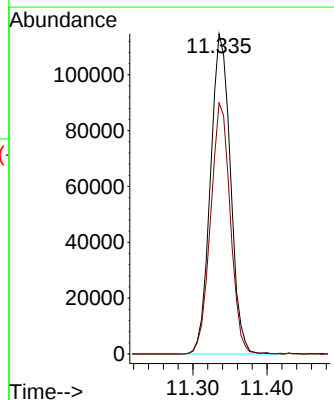
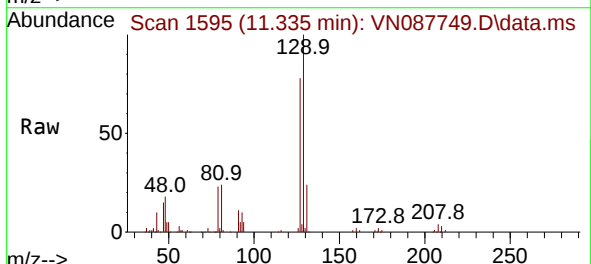
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

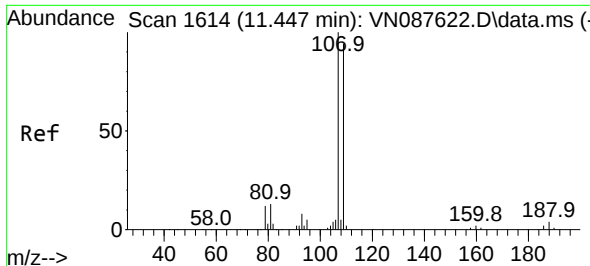
Tgt Ion: 43 Resp: 1096766
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.8



#60
Dibromochloromethane
Concen: 46.229 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 129 Resp: 214894
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.3

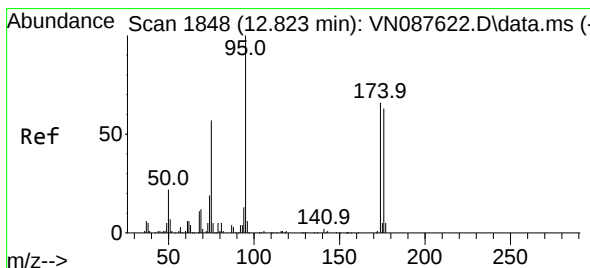
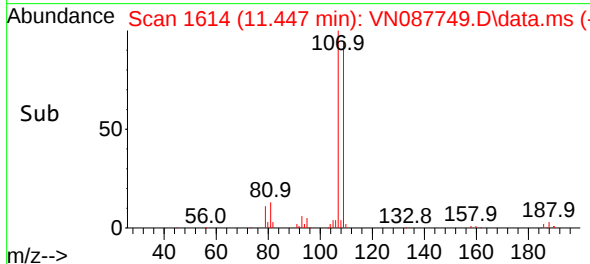
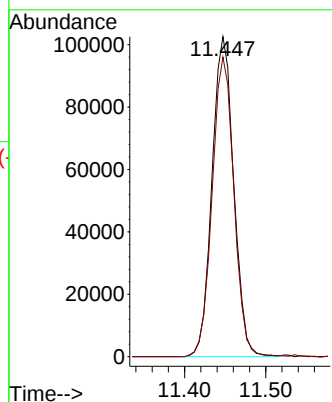
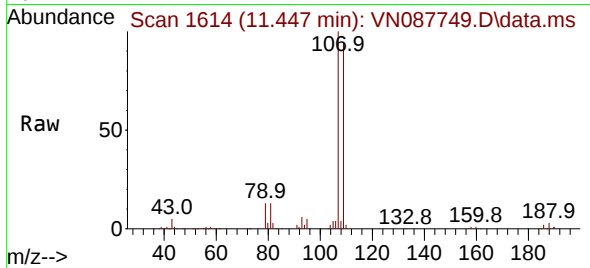




#61
1,2-Dibromoethane
Concen: 45.018 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

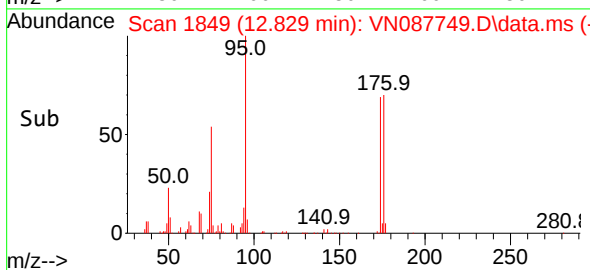
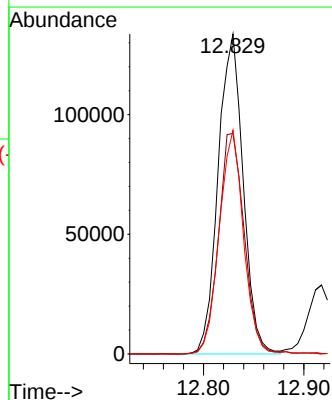
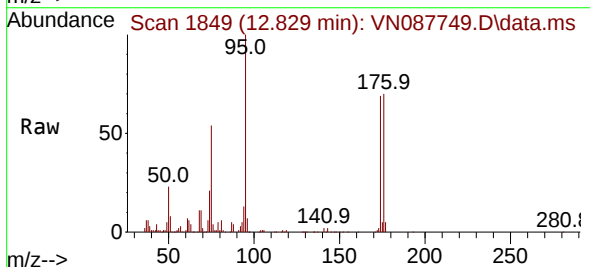
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

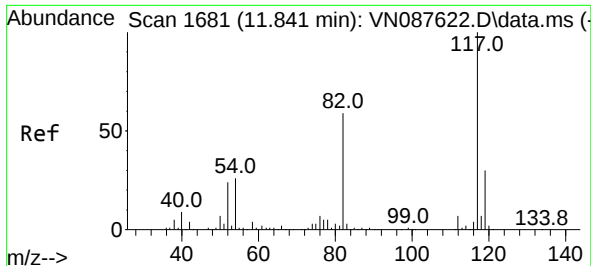
Tgt Ion:107 Resp: 190435
Ion Ratio Lower Upper
107 100
109 93.8 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 48.935 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 95 Resp: 231565
Ion Ratio Lower Upper
95 100
174 71.2 0.0 138.4
176 67.7 0.0 132.6

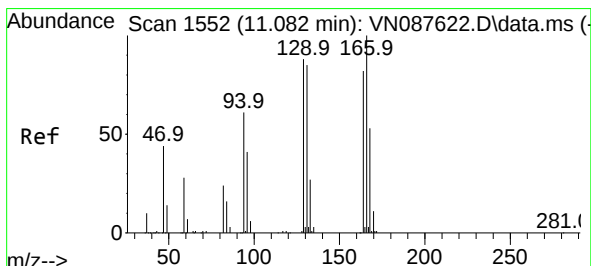
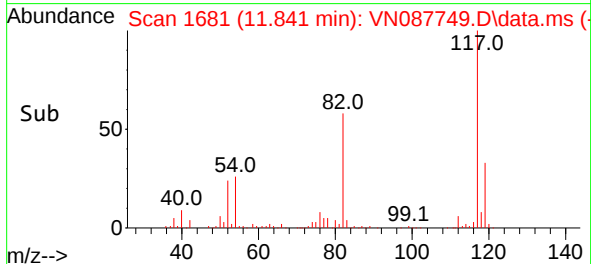
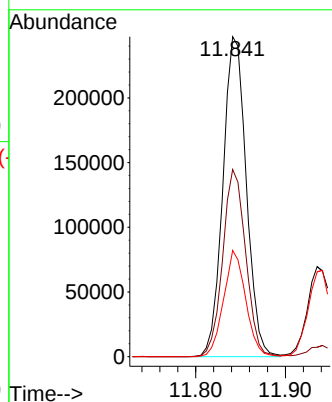
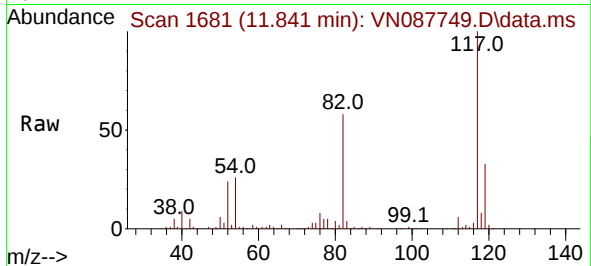




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

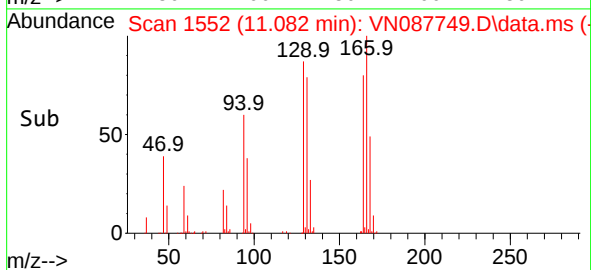
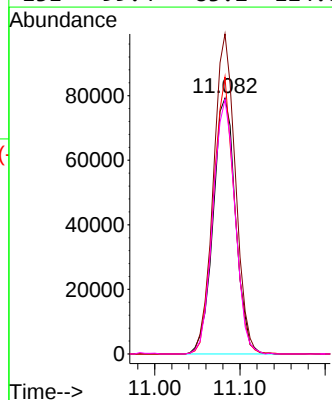
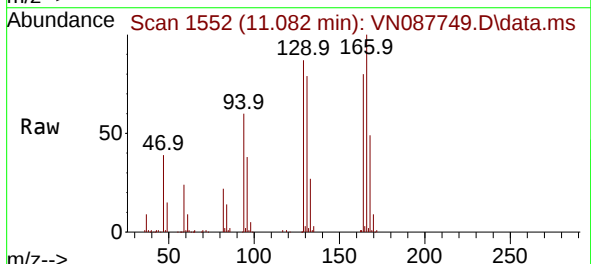
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

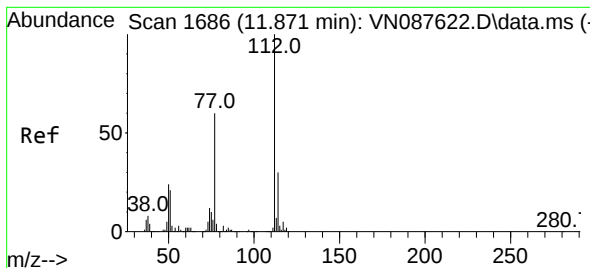
Tgt Ion:117 Resp: 447402
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 33.2 24.3 36.5



#64
Tetrachloroethene
Concen: 46.542 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion:164 Resp: 144466
Ion Ratio Lower Upper
164 100
166 125.1 97.7 146.5
129 108.2 85.9 128.9
131 99.4 83.2 124.8





#65

Chlorobenzene

Concen: 46.790 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN087749.D

Acq: 08 Sep 2025 08:58

Instrument :

MSVOA_N

ClientSampleId :

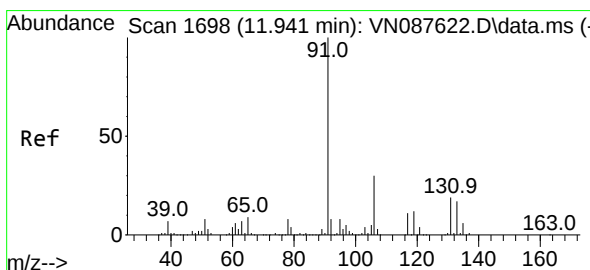
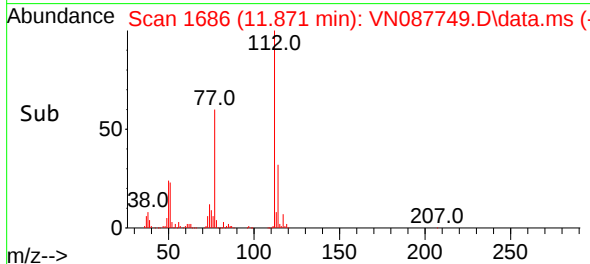
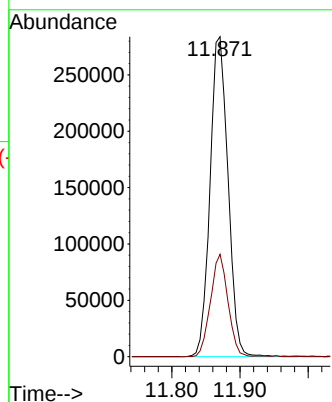
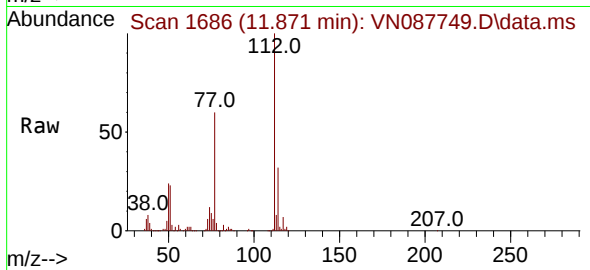
VSTDCCC050

Tgt Ion:112 Resp: 520802

Ion Ratio Lower Upper

112 100

114 32.0 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 48.828 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN087749.D

Acq: 08 Sep 2025 08:58

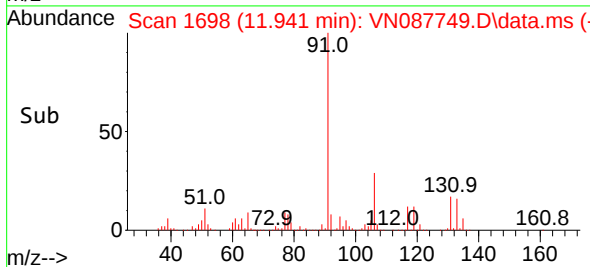
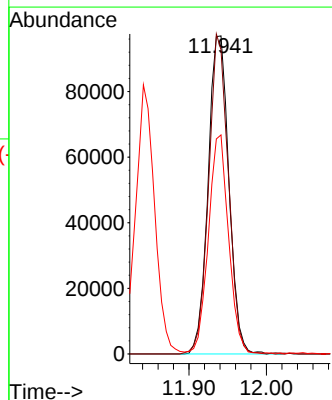
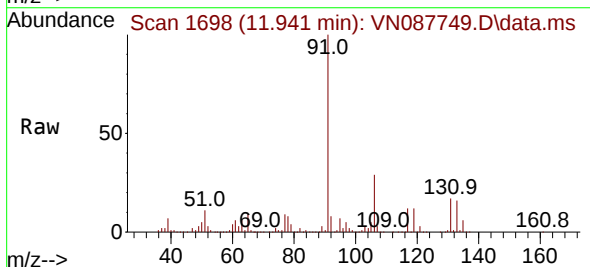
Tgt Ion:131 Resp: 180431

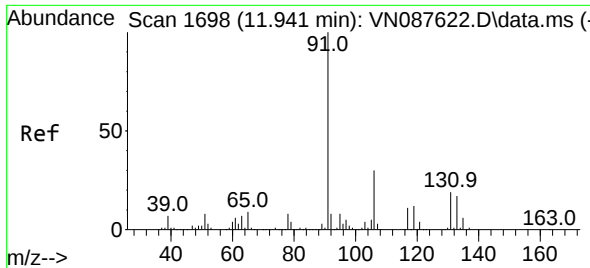
Ion Ratio Lower Upper

131 100

133 95.2 48.0 144.0

119 67.0 32.6 97.7

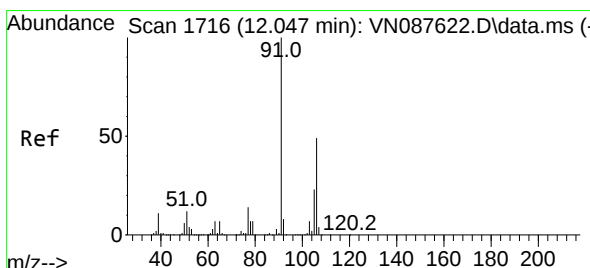
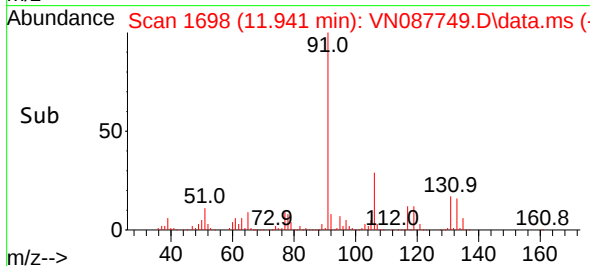
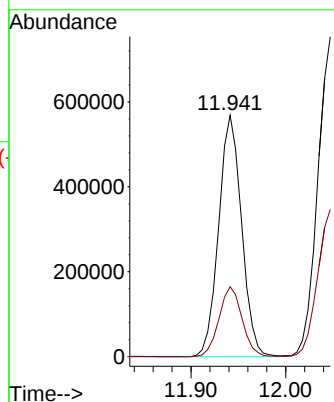
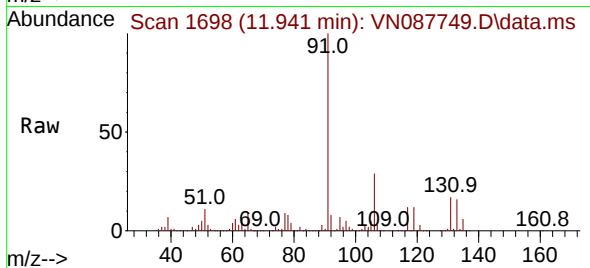




#67
Ethyl Benzene
Concen: 49.578 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

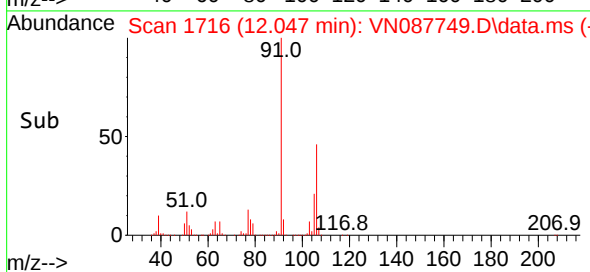
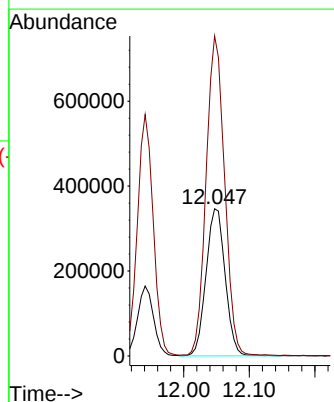
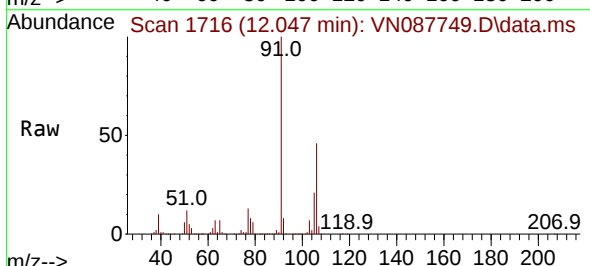
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

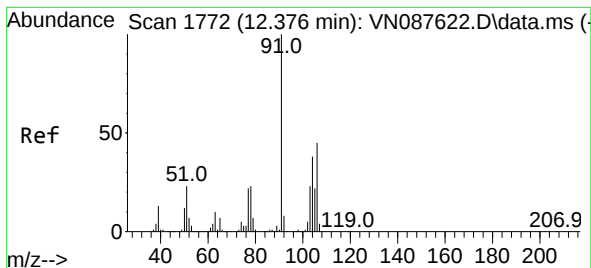
Tgt Ion: 91 Resp: 955458
Ion Ratio Lower Upper
91 100
106 28.9 24.1 36.1



#68
m/p-Xylenes
Concen: 99.282 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion:106 Resp: 701710
Ion Ratio Lower Upper
106 100
91 211.0 169.3 253.9

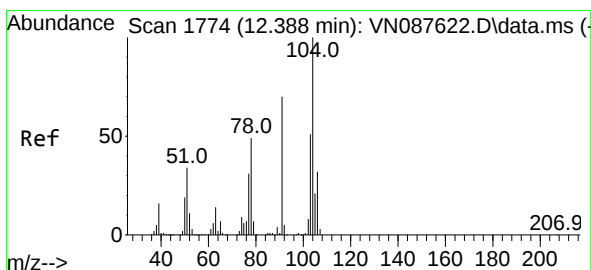
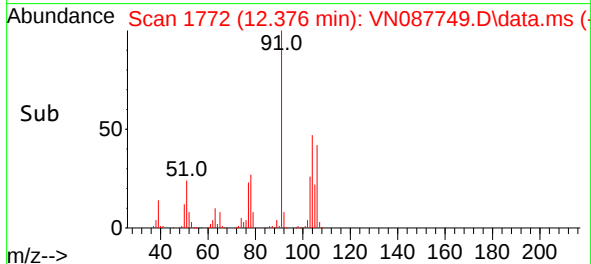
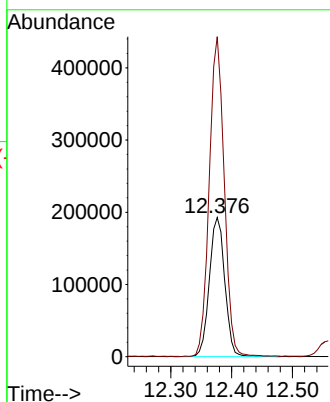
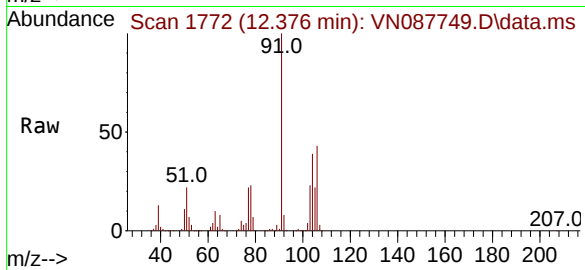




#69
o-Xylene
Concen: 48.953 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

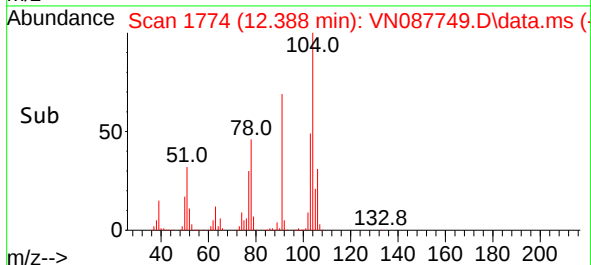
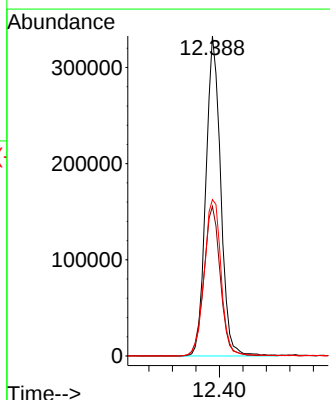
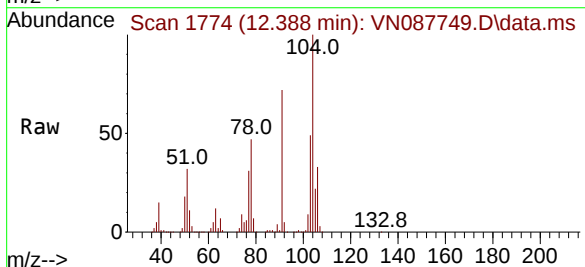
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

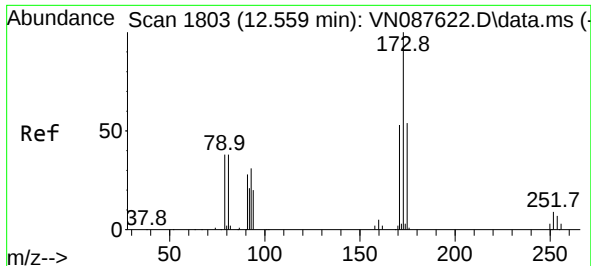
Tgt Ion:106 Resp: 339075
Ion Ratio Lower Upper
106 100
91 222.9 111.4 334.2



#70
Styrene
Concen: 50.116 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion:104 Resp: 581549
Ion Ratio Lower Upper
104 100
78 51.6 42.2 63.2
103 55.7 43.4 65.2

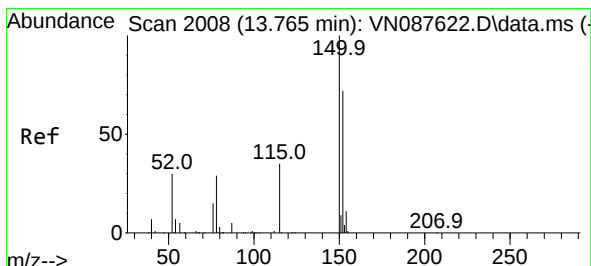
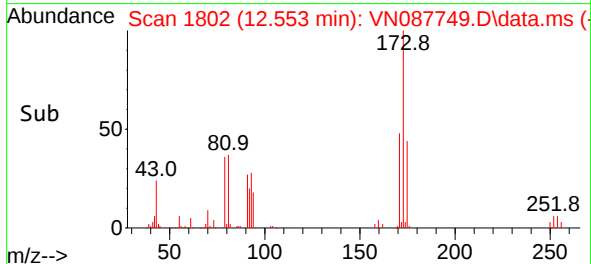
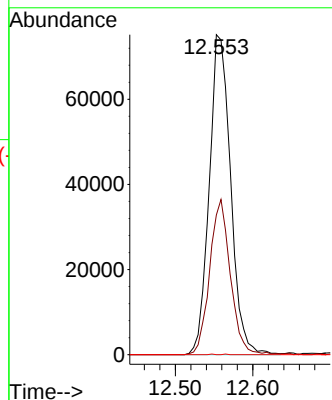
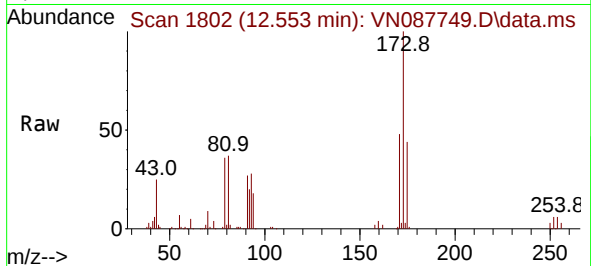




#71
Bromoform
Concen: 50.906 ug/l
RT: 12.553 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

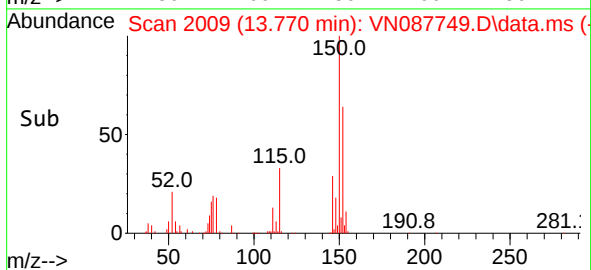
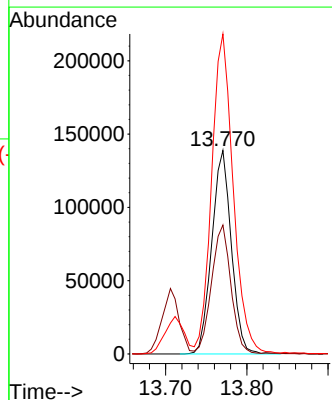
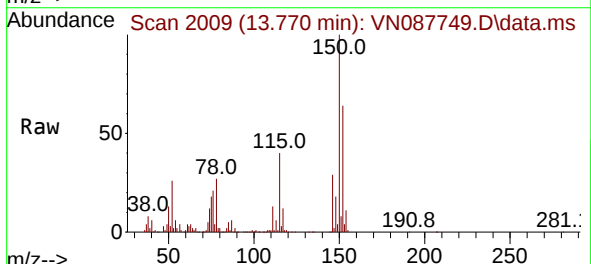
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

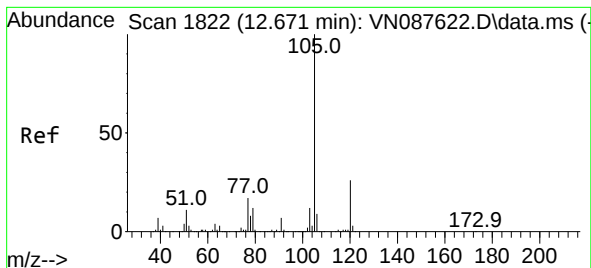
Tgt Ion:173 Resp: 144267
Ion Ratio Lower Upper
173 100
175 46.8 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion:152 Resp: 232401
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 172.1 0.0 351.0





#73

Isopropylbenzene

Concen: 48.767 ug/l

RT: 12.671 min Scan# 1822

Delta R.T. -0.000 min

Lab File: VN087749.D

Acq: 08 Sep 2025 08:58

Instrument :

MSVOA_N

ClientSampleId :

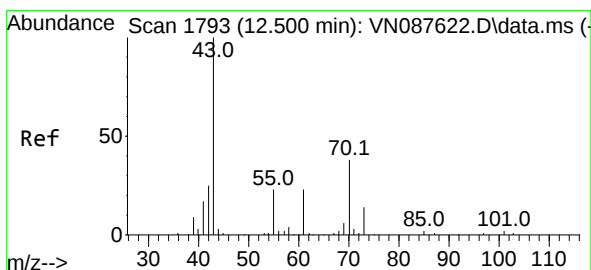
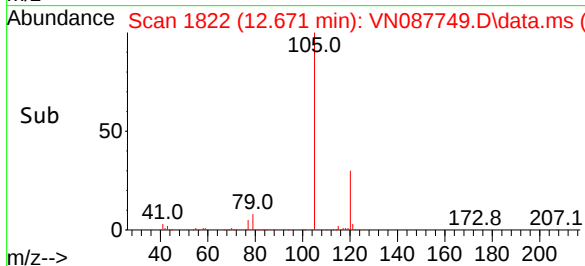
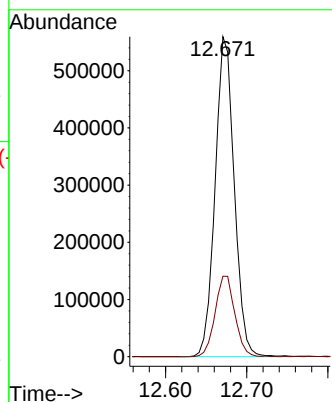
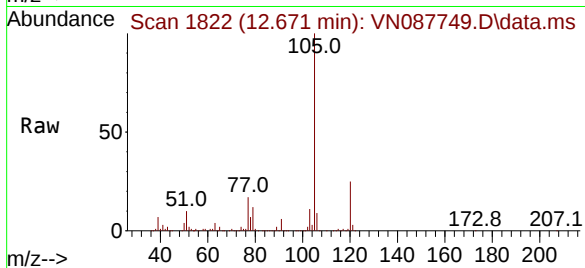
VSTDCCC050

Tgt Ion:105 Resp: 915828

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.3



#74

N-ethyl acetate

Concen: 32.514 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN087749.D

Acq: 08 Sep 2025 08:58

Tgt Ion: 43 Resp: 231398

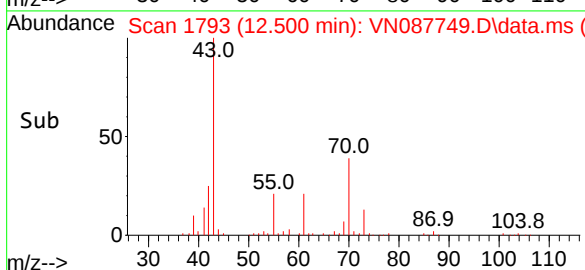
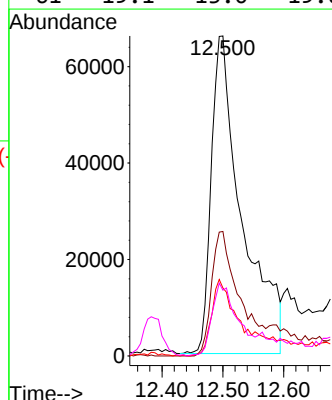
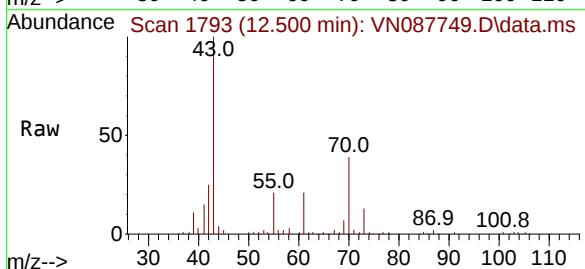
Ion Ratio Lower Upper

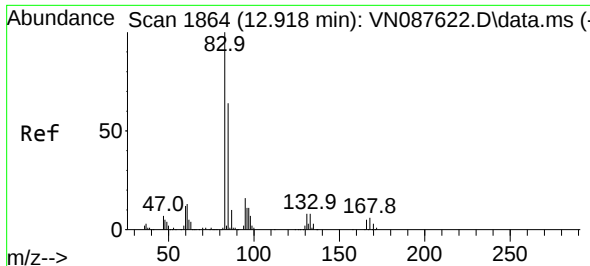
43 100

70 35.9 27.6 41.4

55 27.0 13.0 19.6#

61 19.1 13.0 19.6

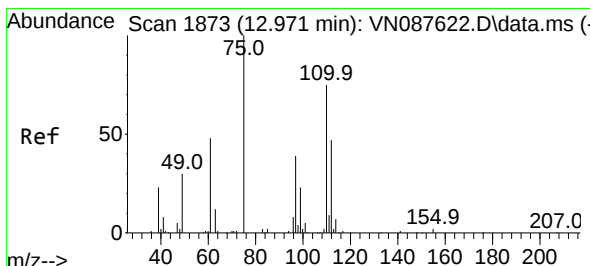
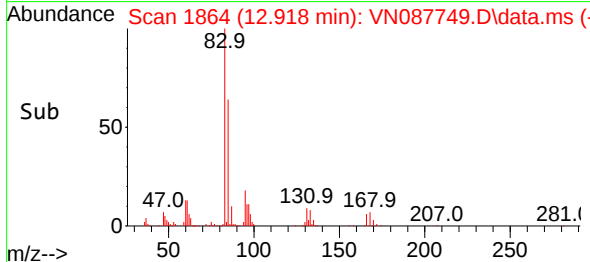
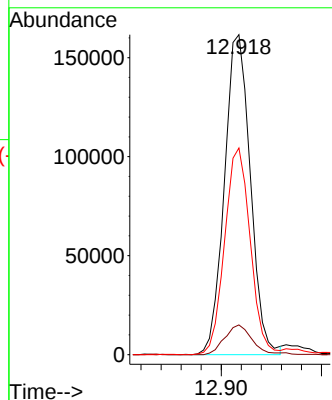
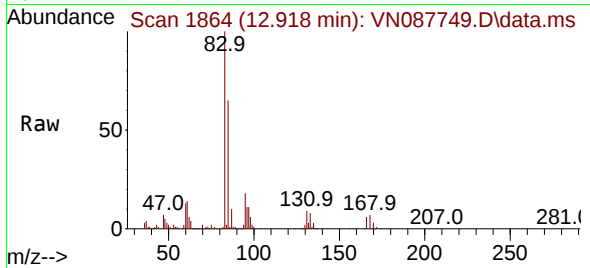




#75
1,1,2,2-Tetrachloroethane
Concen: 44.958 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

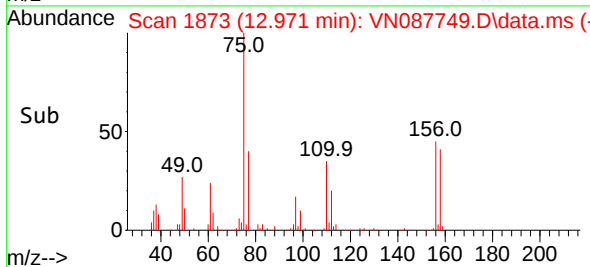
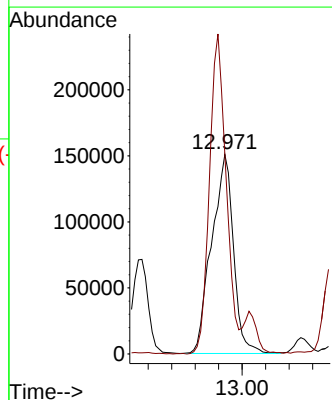
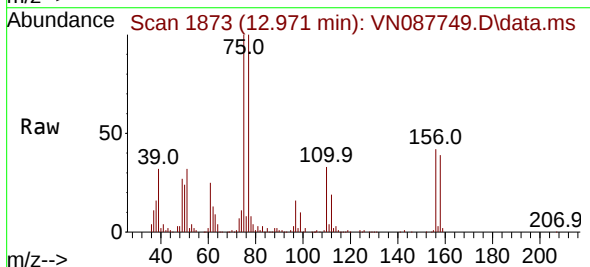
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

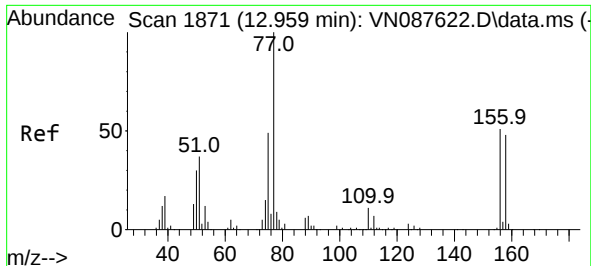
Tgt Ion: 83 Resp: 290676
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 63.7 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 71.166 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 75 Resp: 387849
Ion Ratio Lower Upper
75 100
77 123.0 89.1 267.4

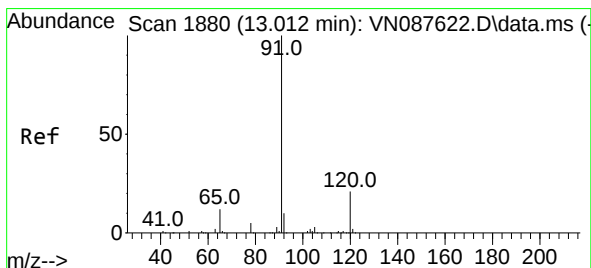
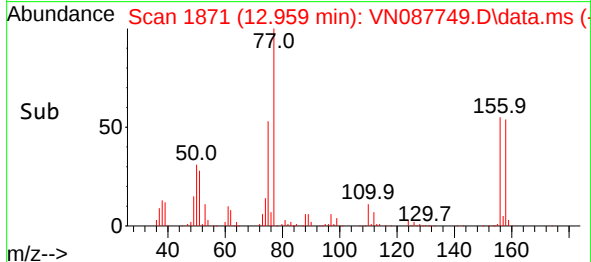
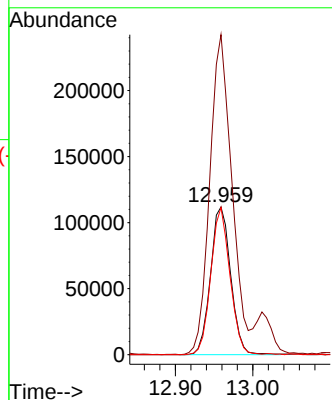
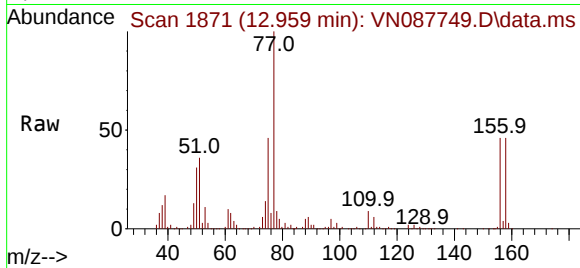




#77
Bromobenzene
Concen: 45.656 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

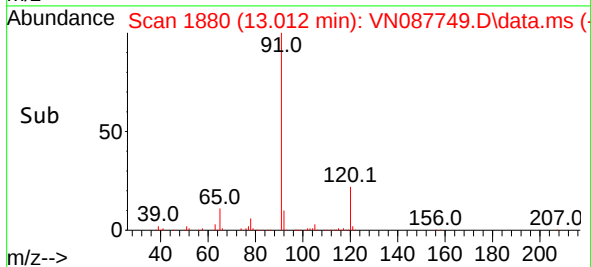
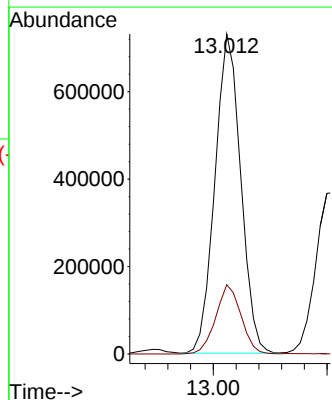
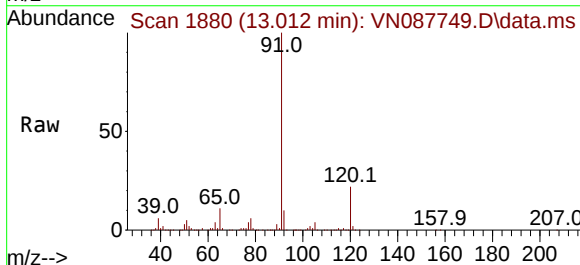
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

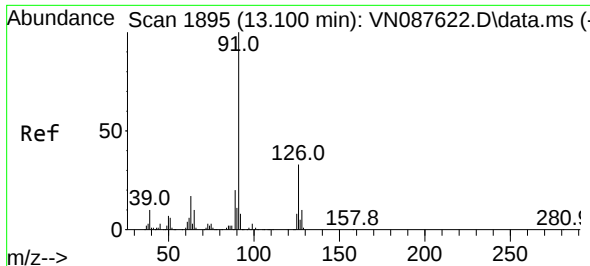
Tgt Ion:156 Resp: 202161
Ion Ratio Lower Upper
156 100
77 236.0 119.3 358.0
158 94.4 48.2 144.6



#78
n-propylbenzene
Concen: 49.697 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 91 Resp: 1149579
Ion Ratio Lower Upper
91 100
120 21.3 10.7 32.1

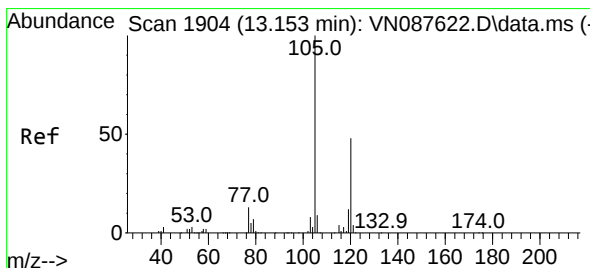
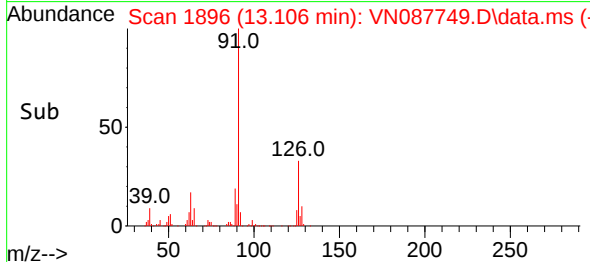
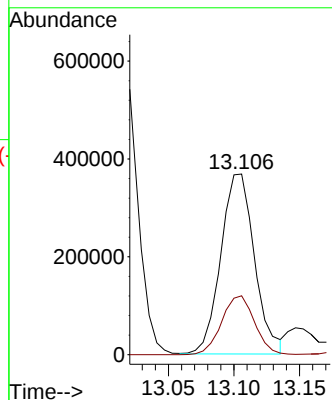
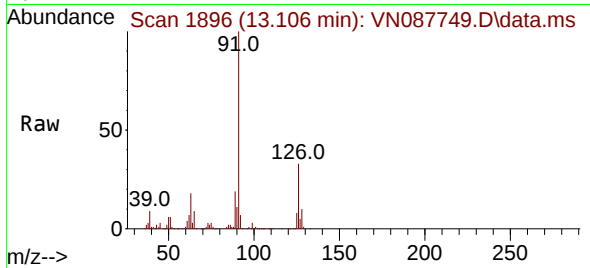




#79
2-Chlorotoluene
Concen: 47.275 ug/l
RT: 13.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

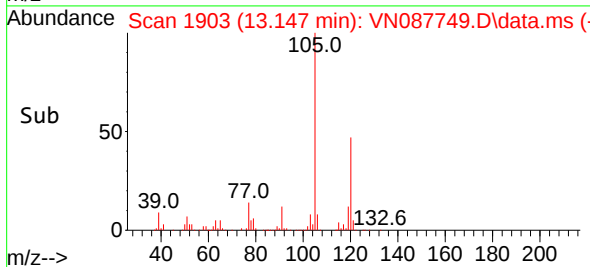
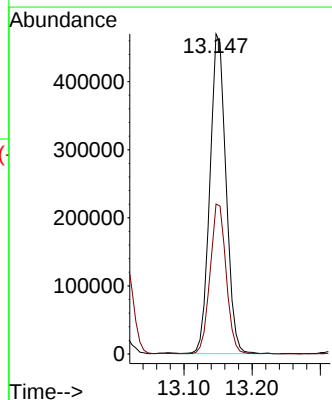
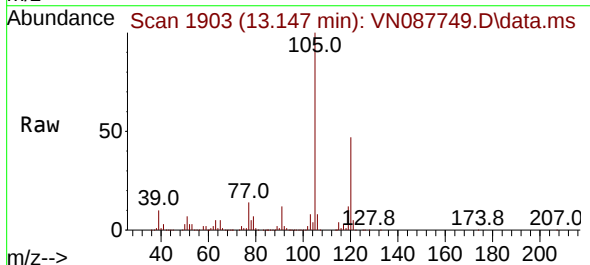
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

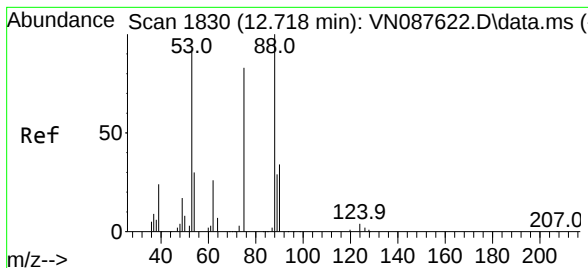
Tgt Ion: 91 Resp: 658088
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 48.360 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 105 Resp: 770431
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6

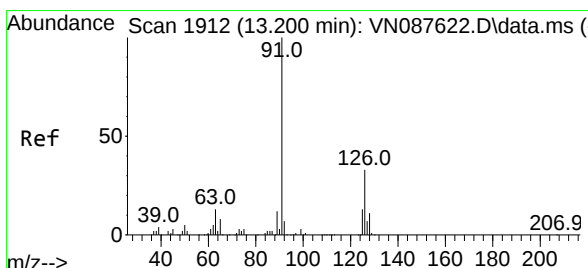
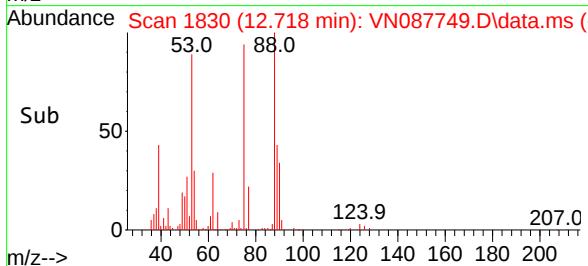
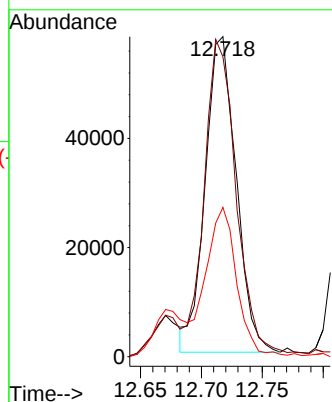
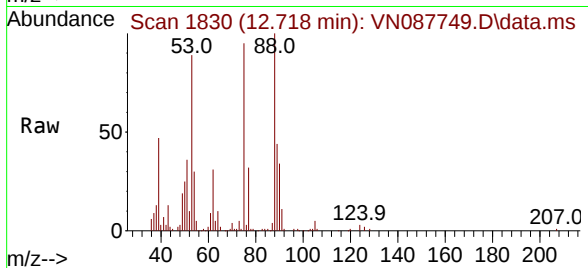




#81
trans-1,4-Dichloro-2-butene
Concen: 49.741 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

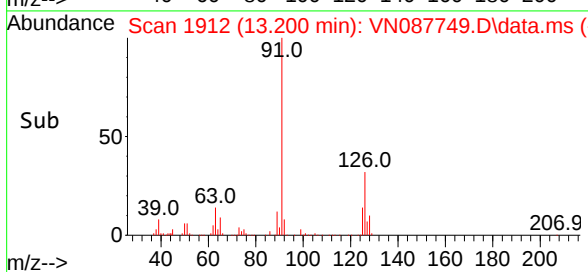
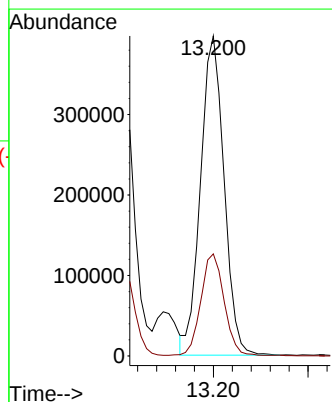
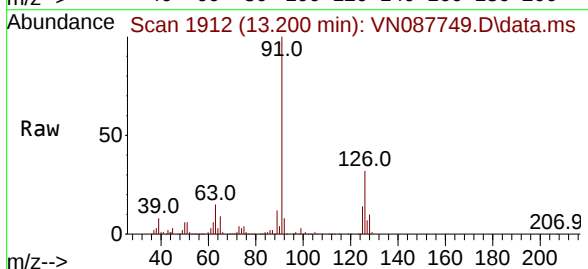
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

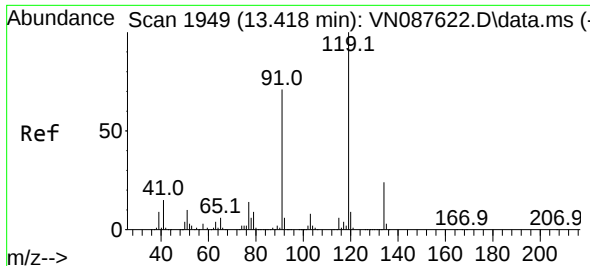
Tgt Ion: 75 Resp: 102397
Ion Ratio Lower Upper
75 100
53 102.5 101.8 152.6
89 46.6 35.6 53.4



#82
4-Chlorotoluene
Concen: 46.808 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 91 Resp: 685064
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.8

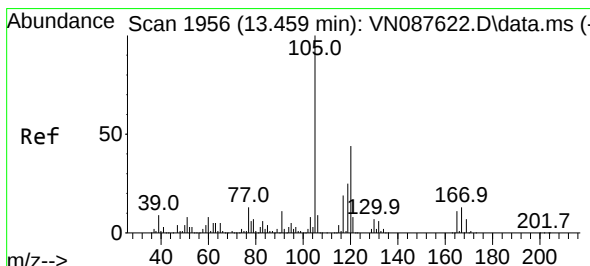
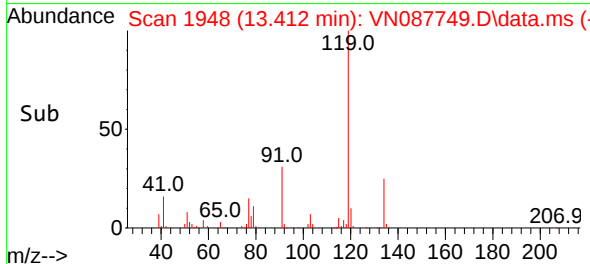
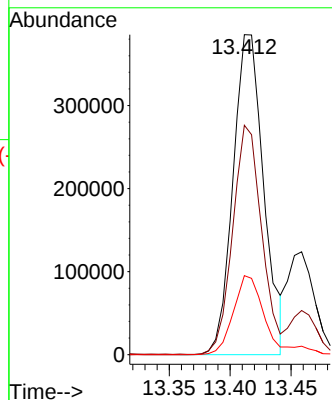
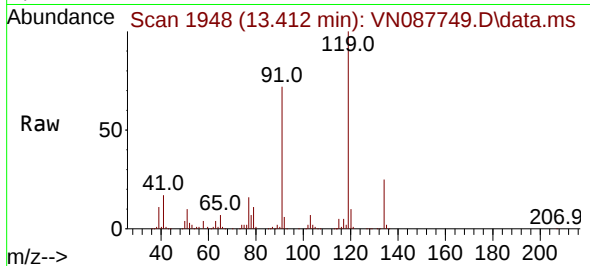




#83
tert-Butylbenzene
Concen: 50.995 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

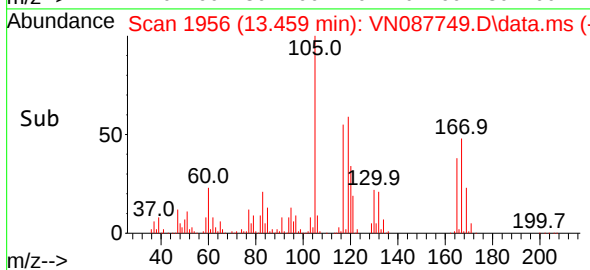
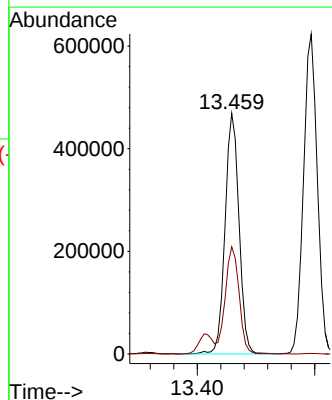
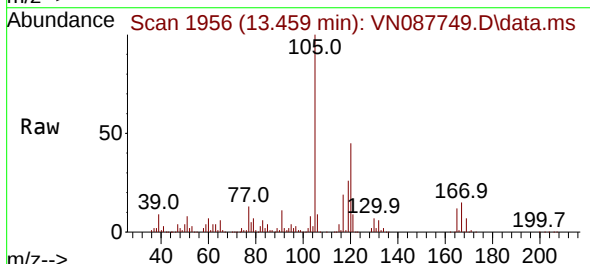
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

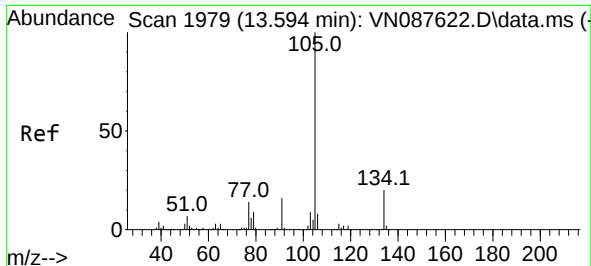
Tgt Ion:119 Resp: 676989
Ion Ratio Lower Upper
119 100
91 67.6 35.0 105.0
134 25.9 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 48.465 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion:105 Resp: 772911
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0

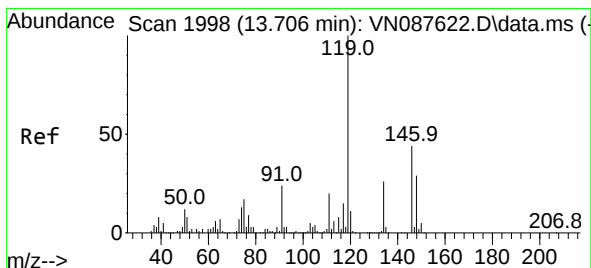
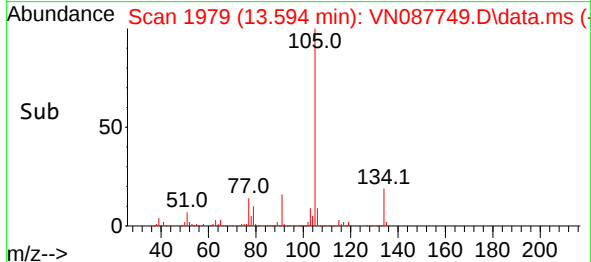
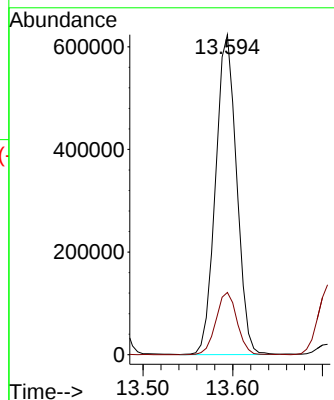
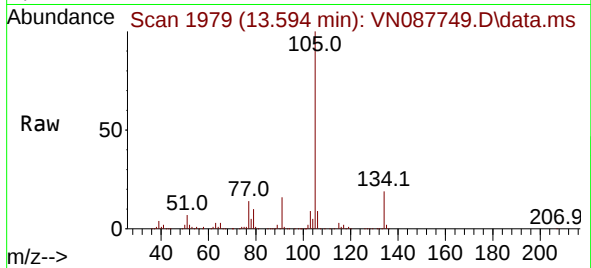




#85
 sec-Butylbenzene
 Concen: 51.541 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087749.D
 Acq: 08 Sep 2025 08:58

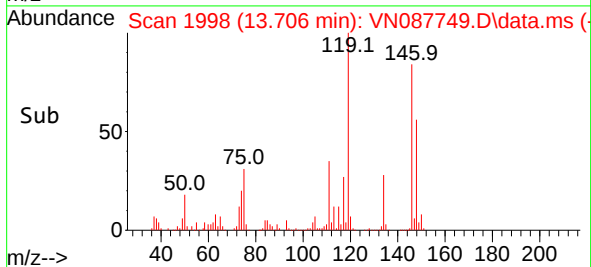
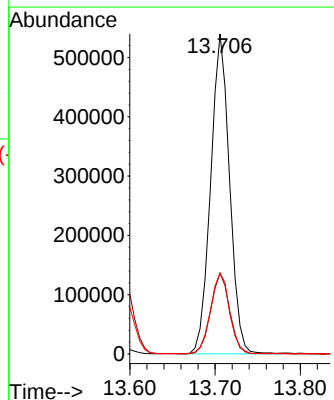
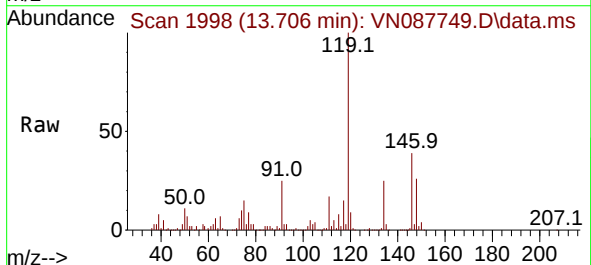
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

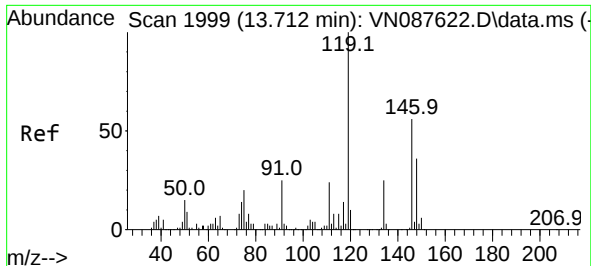
Tgt Ion:105 Resp: 1015392
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 51.198 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087749.D
 Acq: 08 Sep 2025 08:58

Tgt Ion:119 Resp: 832888
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.0
 91 25.3 12.5 37.5

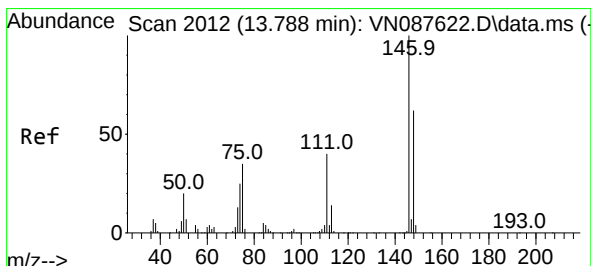
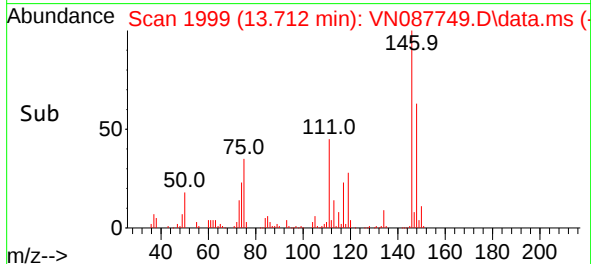
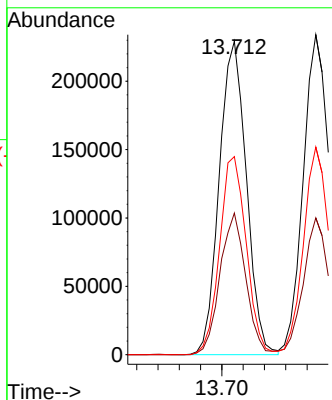
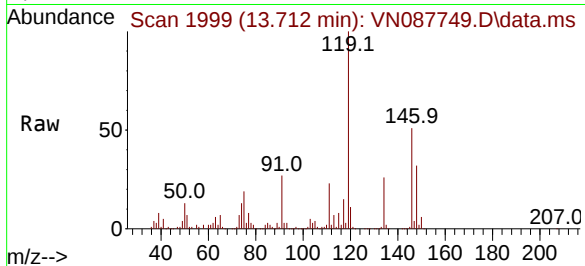




#87
 1,3-Dichlorobenzene
 Concen: 46.482 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087749.D
 Acq: 08 Sep 2025 08:58

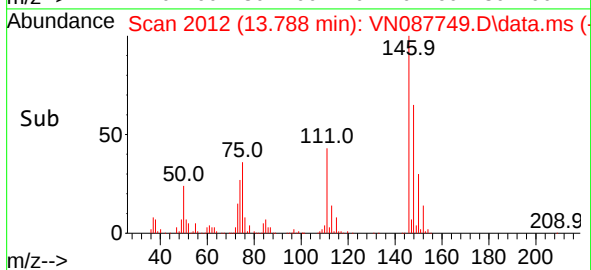
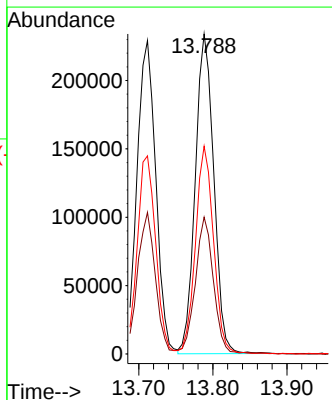
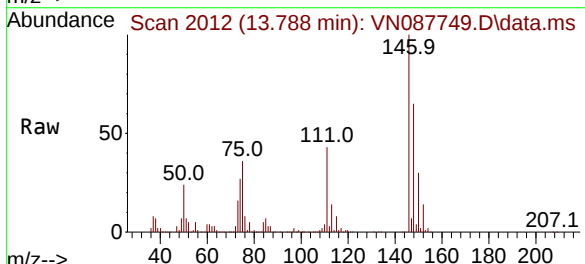
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

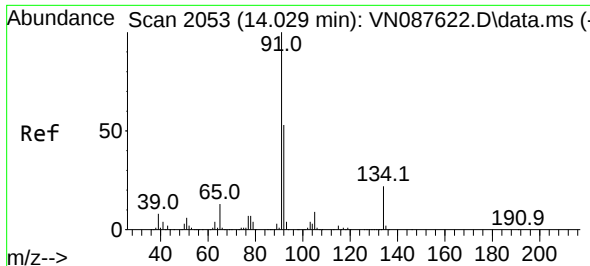
Tgt Ion:146 Resp: 405313
 Ion Ratio Lower Upper
 146 100
 111 43.0 22.1 66.5
 148 62.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 44.739 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087749.D
 Acq: 08 Sep 2025 08:58

Tgt Ion:146 Resp: 405975
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.0 63.0
 148 63.1 32.0 96.0

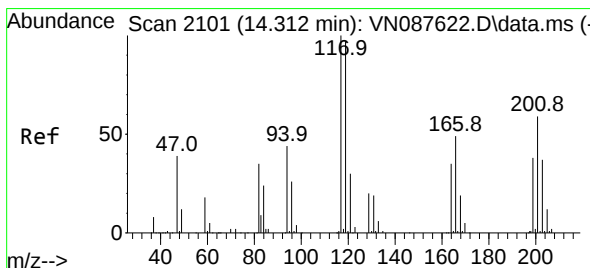
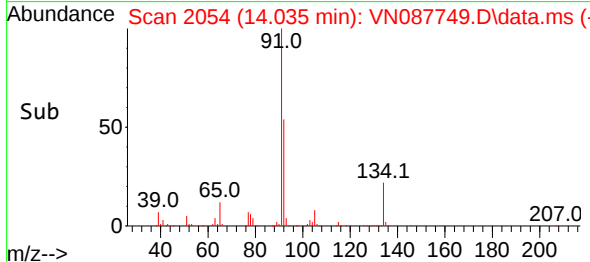
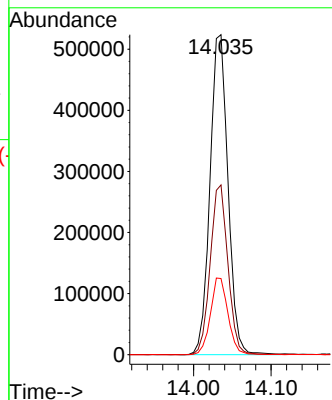
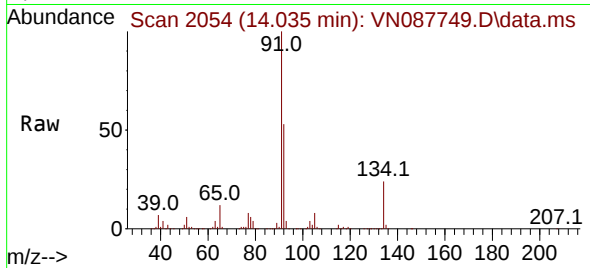




#89
n-Butylbenzene
Concen: 52.194 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

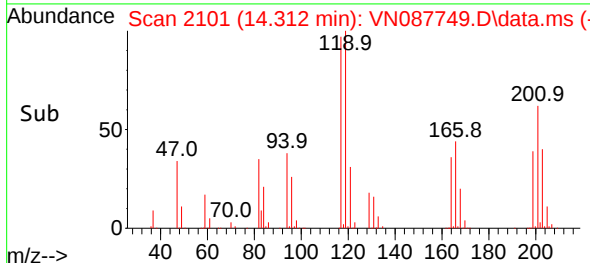
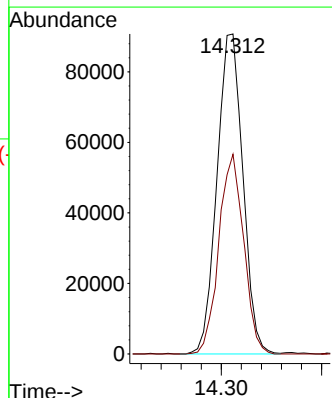
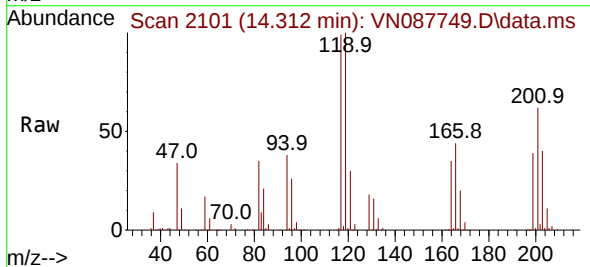
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

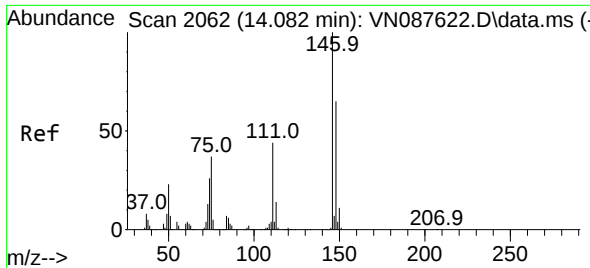
Tgt Ion: 91 Resp: 843275
Ion Ratio Lower Upper
91 100
92 52.2 25.9 77.8
134 23.4 11.7 35.0



#90
Hexachloroethane
Concen: 52.416 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 117 Resp: 162454
Ion Ratio Lower Upper
117 100
201 59.8 29.1 87.4

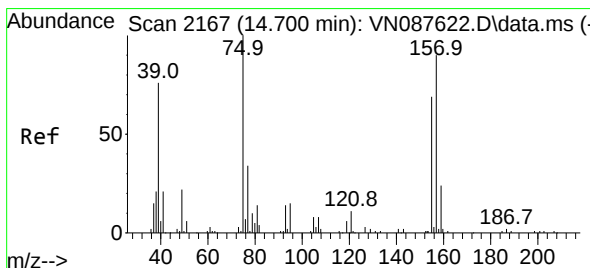
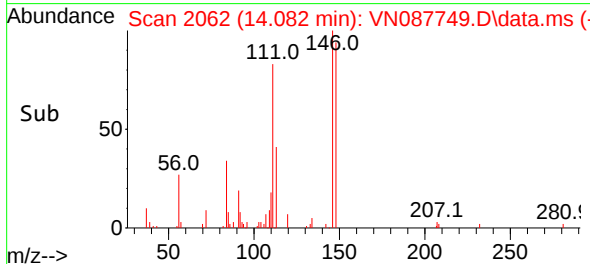
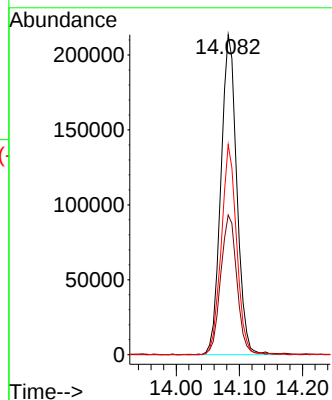
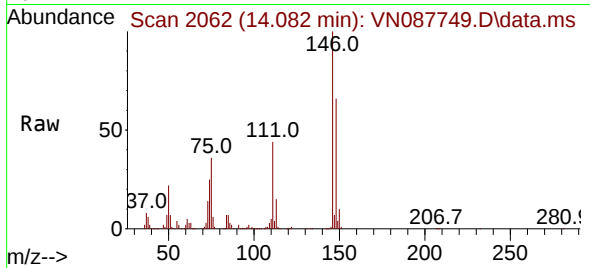




#91
1,2-Dichlorobenzene
Concen: 45.176 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

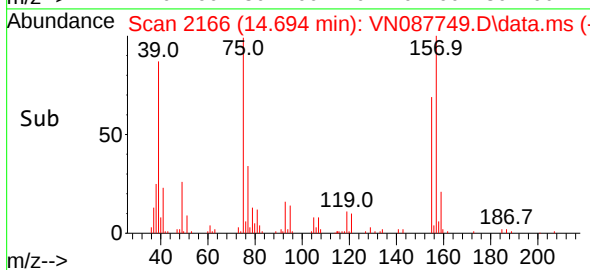
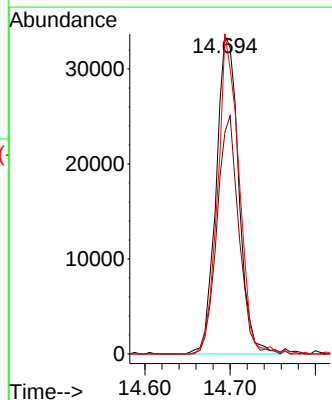
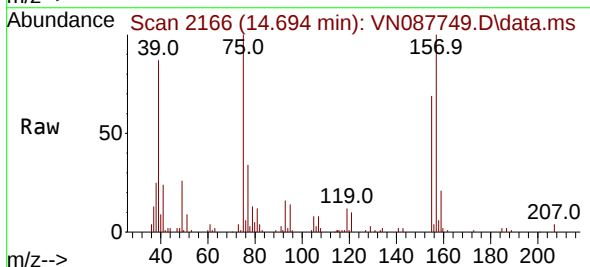
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

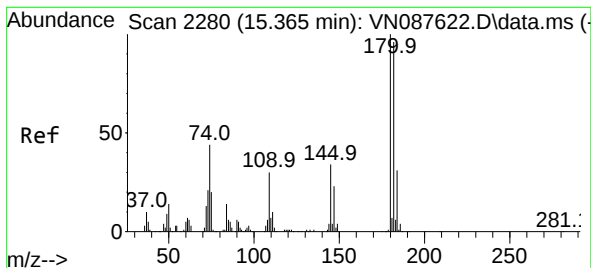
Tgt Ion:146 Resp: 373721
Ion Ratio Lower Upper
146 100
111 44.7 22.6 67.8
148 63.4 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.229 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087749.D
Acq: 08 Sep 2025 08:58

Tgt Ion: 75 Resp: 61788
Ion Ratio Lower Upper
75 100
155 72.7 36.6 109.9
157 95.0 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 46.580 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN087749.D

Acq: 08 Sep 2025 08:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

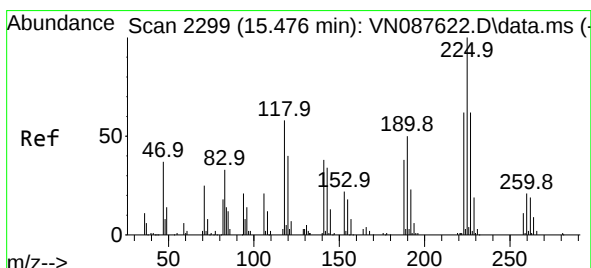
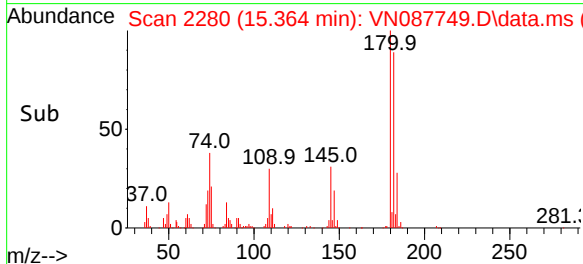
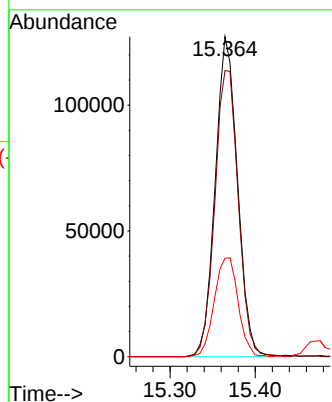
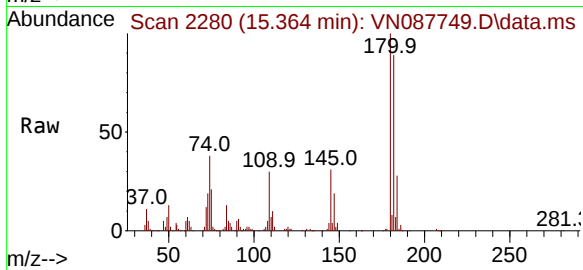
Tgt Ion:180 Resp: 231388

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

145 33.2 16.5 49.5



#94

Hexachlorobutadiene

Concen: 51.263 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087749.D

Acq: 08 Sep 2025 08:58

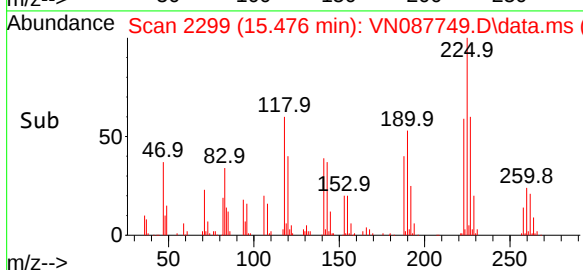
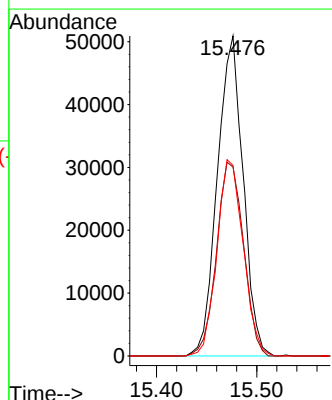
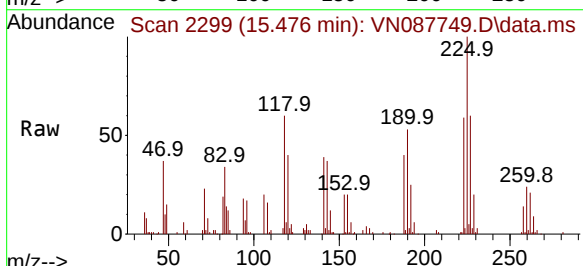
Tgt Ion:225 Resp: 90786

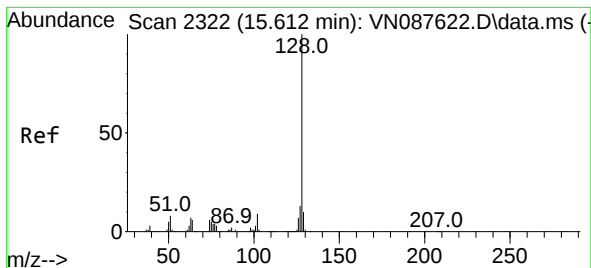
Ion Ratio Lower Upper

225 100

223 63.4 32.0 96.2

227 62.5 32.1 96.5





#95

Naphthalene

Concen: 44.567 ug/l

RT: 15.612 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087749.D

Acq: 08 Sep 2025 08:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

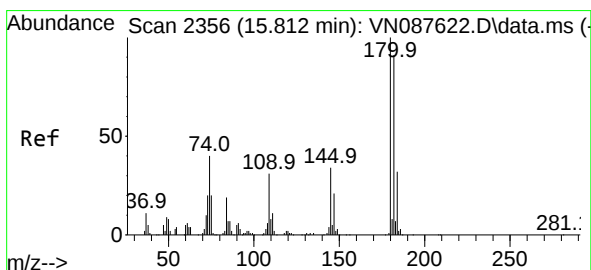
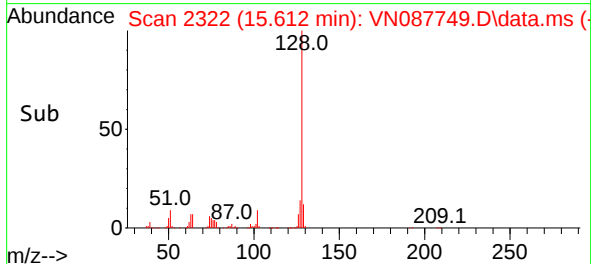
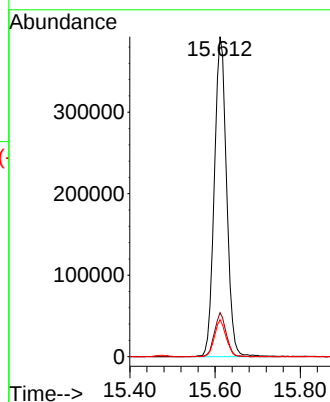
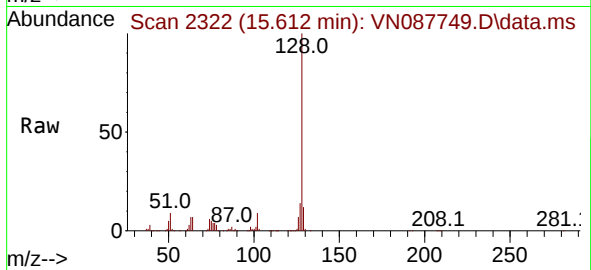
Tgt Ion:128 Resp: 784176

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 45.174 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN087749.D

Acq: 08 Sep 2025 08:58

Tgt Ion:180 Resp: 219378

Ion Ratio Lower Upper

180 100

182 95.3 46.8 140.3

145 34.0 17.3 52.0

