

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
 Data File : VN087645.D
 Acq On : 22 Aug 2025 16:41
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 25 01:23:17 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	256715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	519783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	476890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	241574	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	223739	42.538	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.080%
35) Dibromofluoromethane	8.153	113	154817	41.253	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	82.500%
50) Toluene-d8	10.547	98	572322	40.746	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	81.500%#
62) 4-Bromofluorobenzene	12.829	95	206257	41.291	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	82.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	169317	46.438	ug/l	97
3) Chloromethane	2.383	50	172706	46.092	ug/l	98
4) Vinyl Chloride	2.542	62	190786	43.914	ug/l	97
5) Bromomethane	2.971	94	73198	32.653	ug/l	91
6) Chloroethane	3.136	64	129285	42.340	ug/l	92
7) Trichlorofluoromethane	3.512	101	276158	43.386	ug/l	95
8) Diethyl Ether	3.959	74	119310	43.040	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	148771	41.306	ug/l	99
10) Methyl Iodide	4.583	142	92340	36.444	ug/l	98
11) Tert butyl alcohol	5.524	59	195211	213.785	ug/l	100
12) 1,1-Dichloroethene	4.342	96	154235	41.672	ug/l	88
13) Acrolein	4.177	56	207205	184.583	ug/l	98
14) Allyl chloride	5.018	41	261482	38.986	ug/l	96
15) Acrylonitrile	5.706	53	528559	205.248	ug/l	99
16) Acetone	4.418	43	516190	180.280	ug/l	96
17) Carbon Disulfide	4.706	76	421008	41.319	ug/l	98
18) Methyl Acetate	5.018	43	249887	41.682	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	595356	42.879	ug/l	99
20) Methylene Chloride	5.265	84	174725	41.990	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	160576	40.031	ug/l	96
22) Diisopropyl ether	6.659	45	616809	42.615	ug/l	99
23) Vinyl Acetate	6.589	43	2889322	219.416	ug/l	99
24) 1,1-Dichloroethane	6.547	63	322496	40.638	ug/l	97
25) 2-Butanone	7.471	43	768345	203.968	ug/l	97
26) 2,2-Dichloropropane	7.471	77	281365	41.309	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	196181	40.910	ug/l	96
28) Bromochloromethane	7.794	49	155859	40.625	ug/l	98
29) Tetrahydrofuran	7.830	42	505710	208.603	ug/l	100
30) Chloroform	7.947	83	337029	41.608	ug/l	98
31) Cyclohexane	8.241	56	278052	42.028	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	282780	41.194	ug/l	98
36) 1,1-Dichloropropene	8.353	75	226161	39.283	ug/l	98
37) Ethyl Acetate	7.547	43	311752	39.627	ug/l	99
38) Carbon Tetrachloride	8.341	117	234200	41.201	ug/l	93
39) Methylcyclohexane	9.582	83	251360	39.656	ug/l	97
40) Benzene	8.588	78	775656	43.925	ug/l	98

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 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 25 01:23:17 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	7.759	41	161861	39.718	ug/l	97
42) 1,2-Dichloroethane	8.653	62	275675	40.625	ug/l	98
43) Isopropyl Acetate	8.671	43	507367	41.307	ug/l	99
44) Trichloroethene	9.335	130	160755	39.874	ug/l	94
45) 1,2-Dichloropropane	9.600	63	184260	39.587	ug/l	99
46) Dibromomethane	9.688	93	135359	40.866	ug/l	98
47) Bromodichloromethane	9.871	83	275952	40.651	ug/l	100
48) Methyl methacrylate	9.665	41	235170	40.478	ug/l	99
49) 1,4-Dioxane	9.682	88	62436	829.126	ug/l #	97
51) 4-Methyl-2-Pentanone	10.424	43	1550150	209.177	ug/l	100
52) Toluene	10.612	92	440980	40.282	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	294162	41.864	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	307171	42.101	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	172517	40.737	ug/l	98
56) Ethyl methacrylate	10.859	69	300032	44.332	ug/l	98
57) 1,3-Dichloropropane	11.141	76	313462	41.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	795905	217.274	ug/l	99
59) 2-Hexanone	11.176	43	1072493	228.990	ug/l	100
60) Dibromochloromethane	11.335	129	196090	39.962	ug/l	100
61) 1,2-Dibromoethane	11.447	107	186978	41.872	ug/l	98
64) Tetrachloroethene	11.082	164	126792	38.322	ug/l	92
65) Chlorobenzene	11.871	112	485254	40.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	166515	42.276	ug/l	99
67) Ethyl Benzene	11.941	91	892685	43.456	ug/l	99
68) m/p-Xylenes	12.047	106	645648	85.701	ug/l	99
69) o-Xylene	12.376	106	316767	42.905	ug/l	100
70) Styrene	12.388	104	540408	43.691	ug/l	99
71) Bromoform	12.559	173	127606	42.243	ug/l #	95
73) Isopropylbenzene	12.676	105	802341	41.102	ug/l	99
74) N-amyl acetate	12.500	43	255486	34.536	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.918	83	273213	40.652	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	355074	62.678	ug/l	64
77) Bromobenzene	12.959	156	188790	41.018	ug/l	99
78) n-propylbenzene	13.012	91	996393	41.439	ug/l	100
79) 2-Chlorotoluene	13.106	91	597622	41.301	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	682876	41.237	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	80571	37.652	ug/l	90
82) 4-Chlorotoluene	13.200	91	618983	40.687	ug/l	100
83) tert-Butylbenzene	13.417	119	567327	41.112	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	702335	42.367	ug/l	98
85) sec-Butylbenzene	13.594	105	838744	40.957	ug/l	99
86) p-Isopropyltoluene	13.706	119	693182	40.992	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	361049	39.834	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	366474	38.852	ug/l	99
89) n-Butylbenzene	14.035	91	683714	40.711	ug/l	100
90) Hexachloroethane	14.312	117	127737	39.650	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	348382	40.514	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	62035	38.856	ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	202131	39.145	ug/l	99
94) Hexachlorobutadiene	15.470	225	68968	37.465	ug/l	98
95) Naphthalene	15.611	128	910590	49.787	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	196947	39.015	ug/l	98

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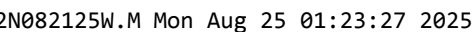
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

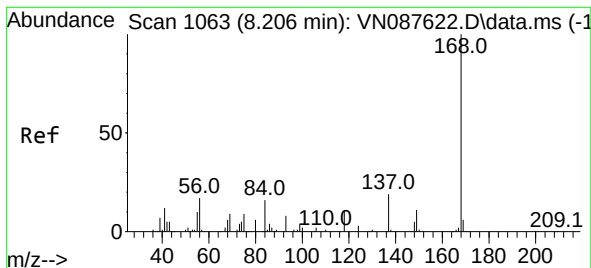
Quant Time: Aug 25 01:23:17 2025
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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

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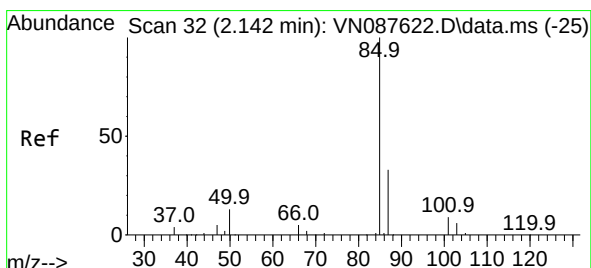
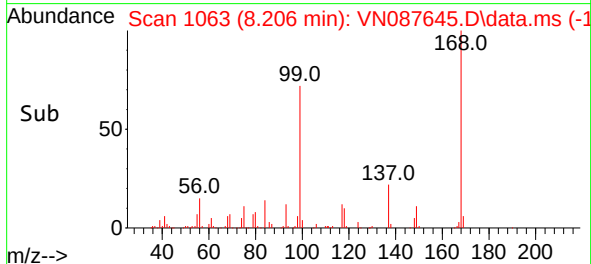
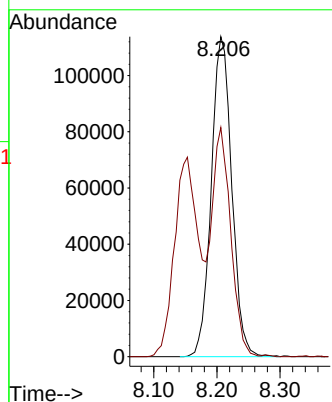
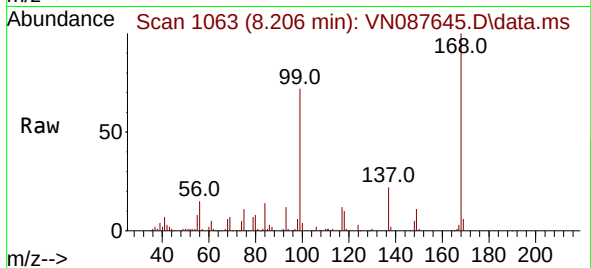




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087645.D
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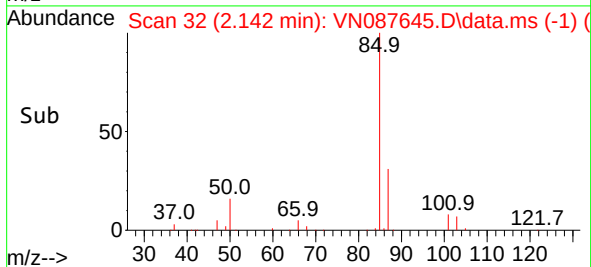
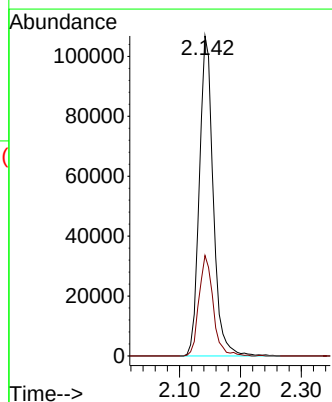
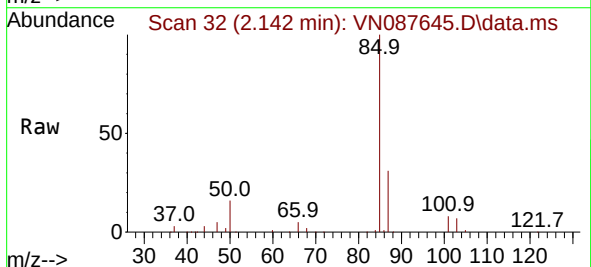
Instrument :
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ClientSampleId :
VSTDCCC050EC

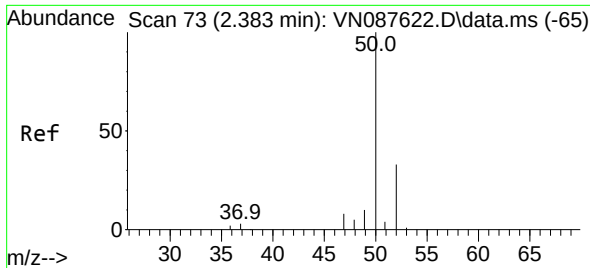
Tgt Ion:168 Resp: 256715
Ion Ratio Lower Upper
168 100
99 71.6 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 46.438 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 85 Resp: 169317
Ion Ratio Lower Upper
85 100
87 31.4 16.6 49.8

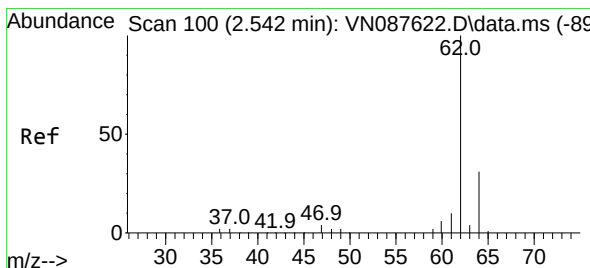
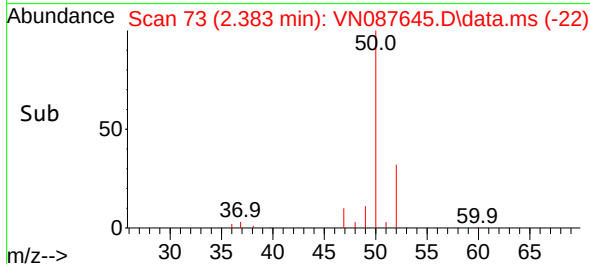
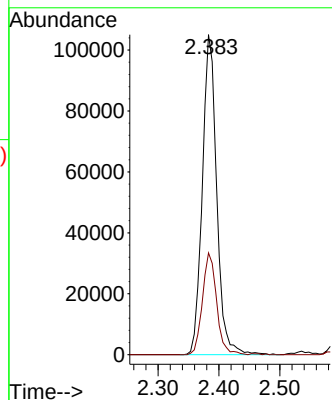
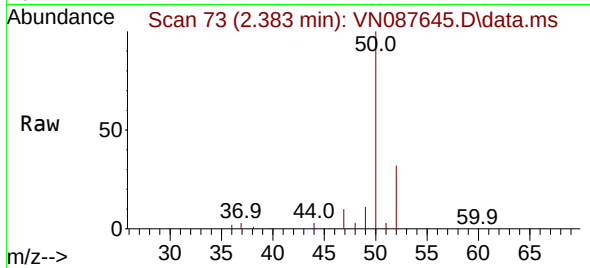




#3
Chloromethane
Concen: 46.092 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

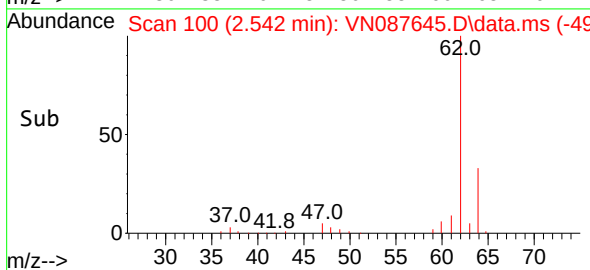
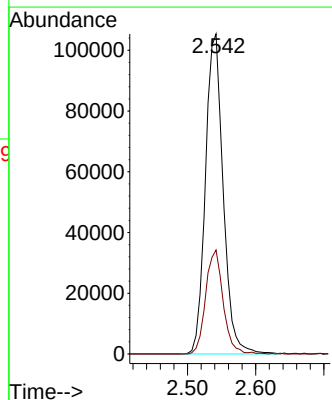
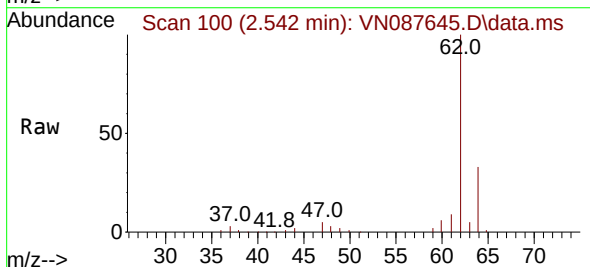
Instrument :
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ClientSampleId :
VSTDCCC050EC

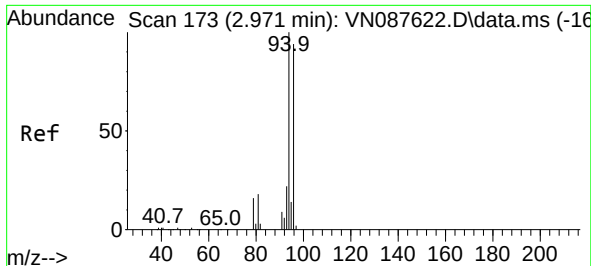
Tgt Ion: 50 Resp: 172706
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.4



#4
Vinyl Chloride
Concen: 43.914 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 62 Resp: 190786
Ion Ratio Lower Upper
62 100
64 32.5 24.6 37.0

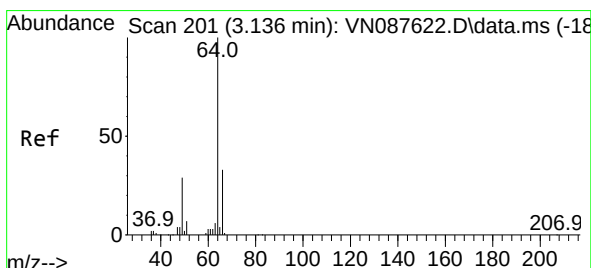
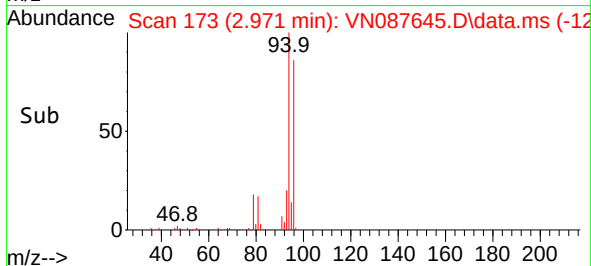
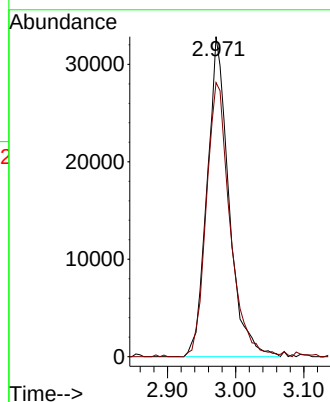
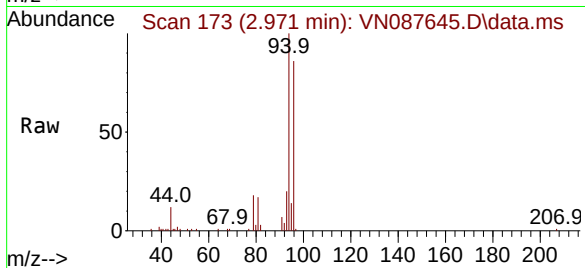




#5
Bromomethane
Concen: 32.653 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

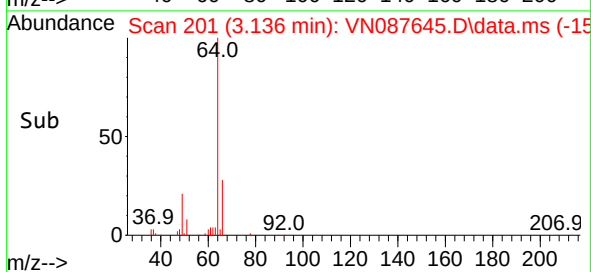
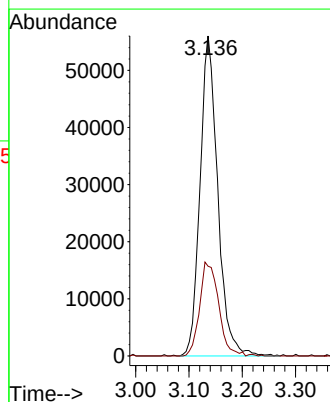
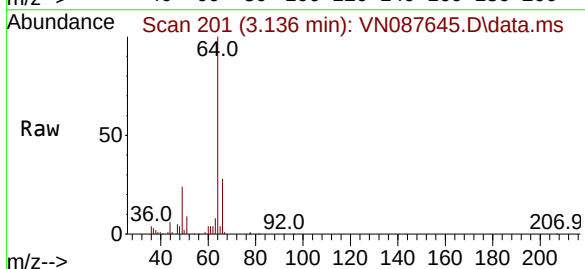
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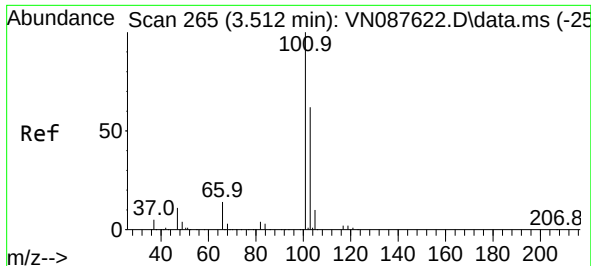
Tgt Ion: 94 Resp: 73198
Ion Ratio Lower Upper
94 100
96 85.6 75.4 113.2



#6
Chloroethane
Concen: 42.340 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 64 Resp: 129285
Ion Ratio Lower Upper
64 100
66 28.1 26.2 39.2

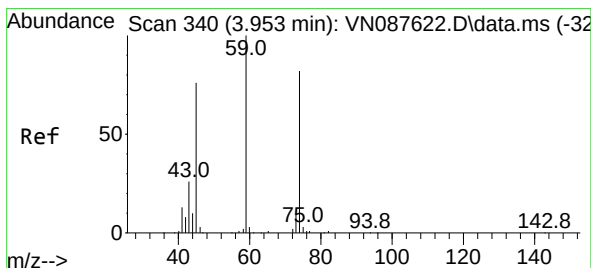
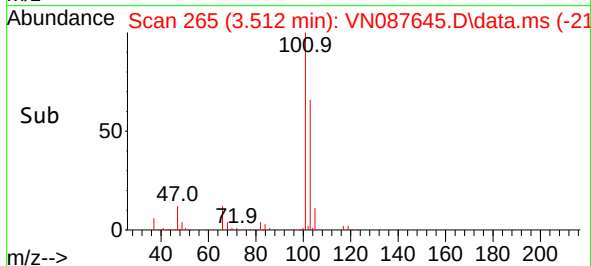
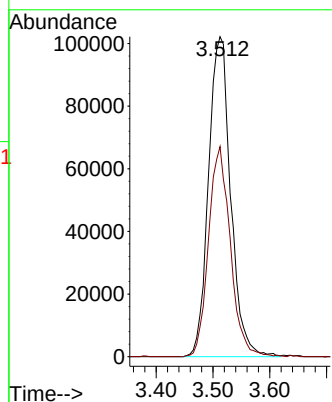
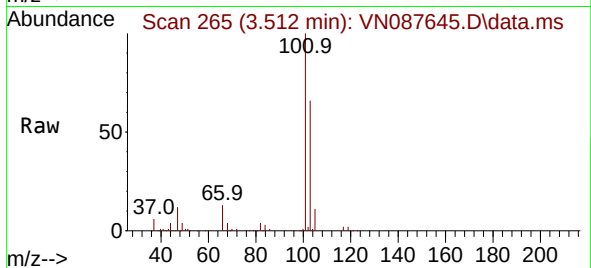




#7
 Trichlorofluoromethane
 Concen: 43.386 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087645.D
 Acq: 22 Aug 2025 16:41

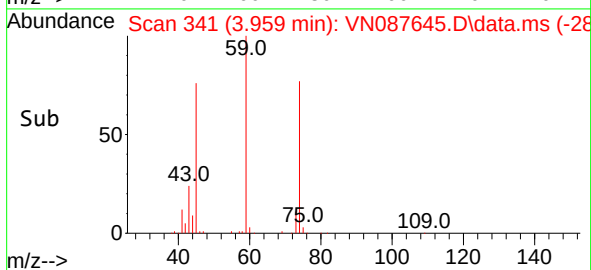
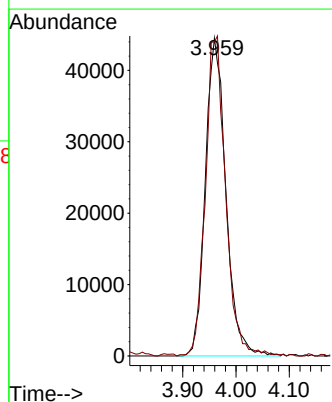
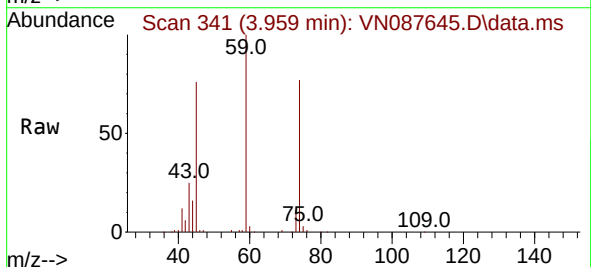
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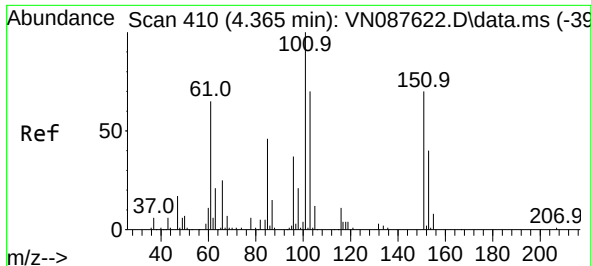
Tgt Ion:101 Resp: 276158
 Ion Ratio Lower Upper
 101 100
 103 65.6 49.4 74.0



#8
 Diethyl Ether
 Concen: 43.040 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087645.D
 Acq: 22 Aug 2025 16:41

Tgt Ion: 74 Resp: 119310
 Ion Ratio Lower Upper
 74 100
 45 99.2 50.6 151.9

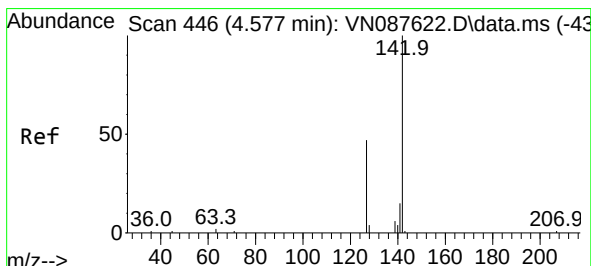
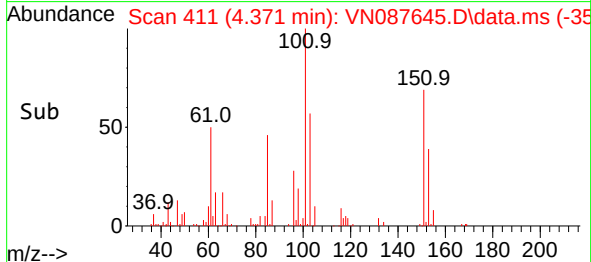
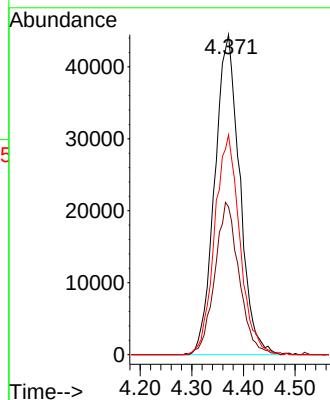
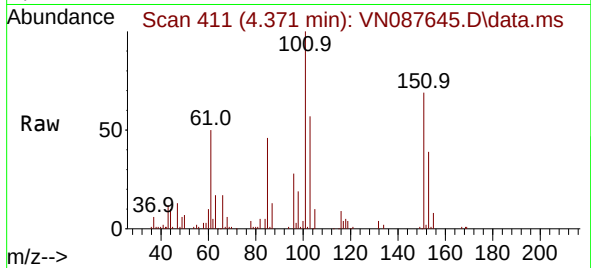




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.306 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

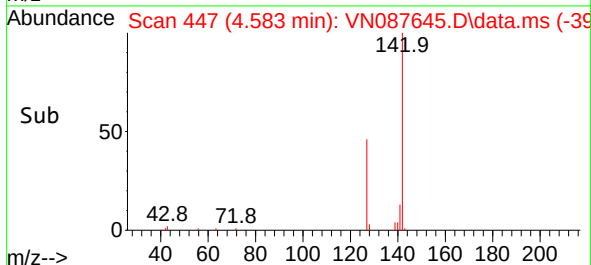
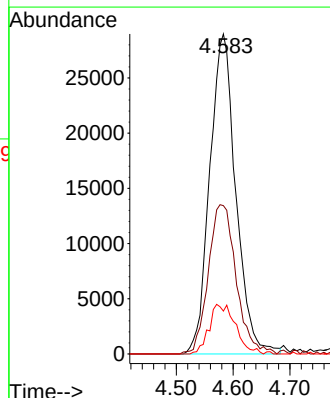
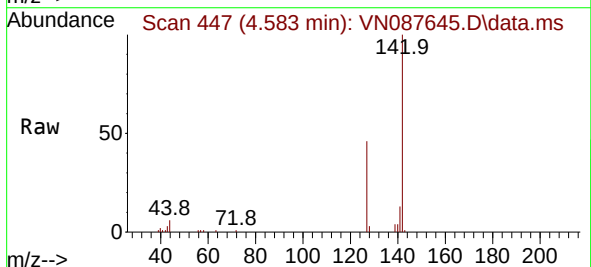
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

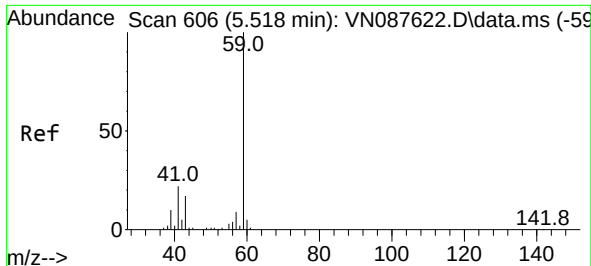
Tgt Ion:101 Resp: 148771
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 69.5 54.7 82.1



#10
Methyl Iodide
Concen: 36.444 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion:142 Resp: 92340
Ion Ratio Lower Upper
142 100
127 46.4 38.0 57.0
141 13.4 12.0 18.0

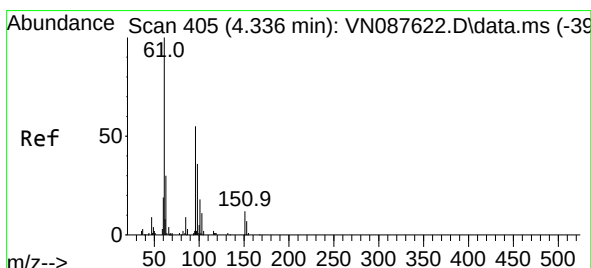
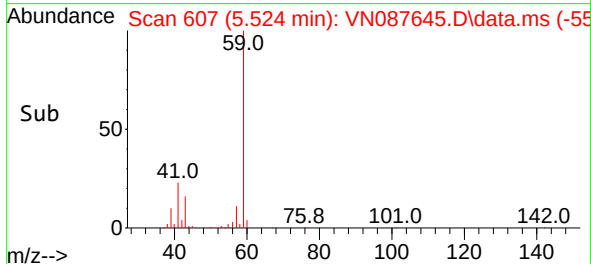
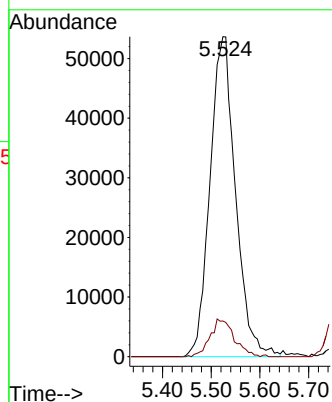
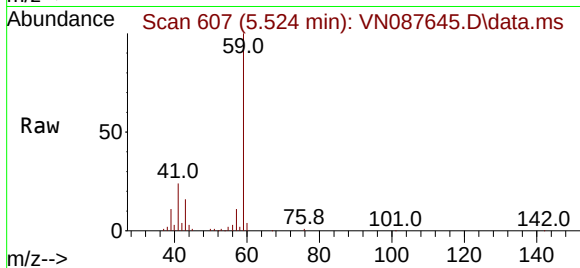




#11
Tert butyl alcohol
Concen: 213.785 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

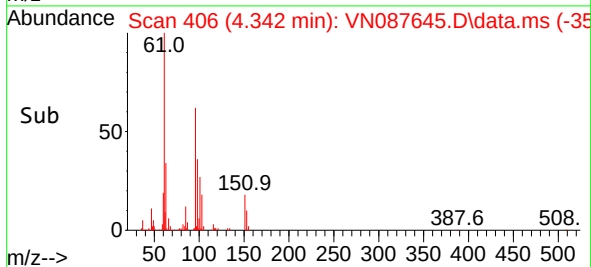
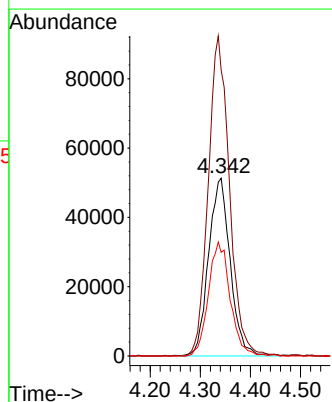
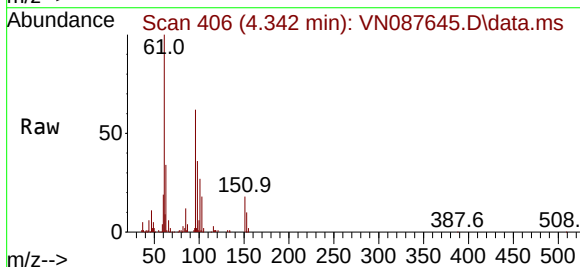
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

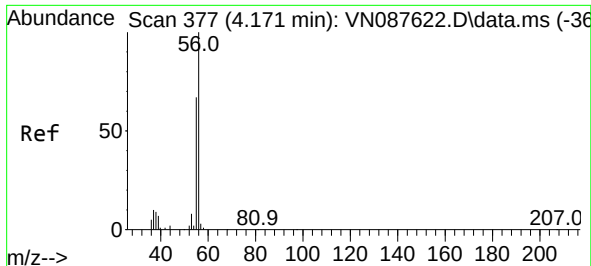
Tgt Ion: 59 Resp: 195211
Ion Ratio Lower Upper
59 100
57 11.1 9.0 13.4



#12
1,1-Dichloroethene
Concen: 41.672 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 96 Resp: 154235
Ion Ratio Lower Upper
96 100
61 160.4 143.8 215.8
98 58.3 52.1 78.1

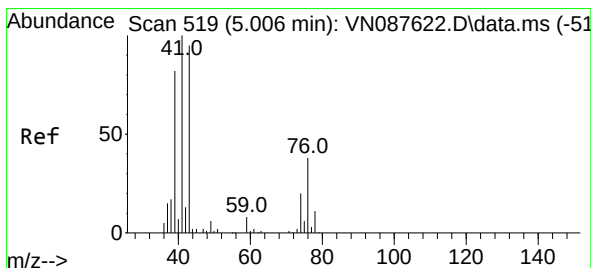
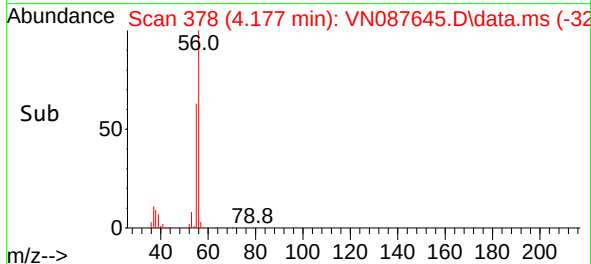
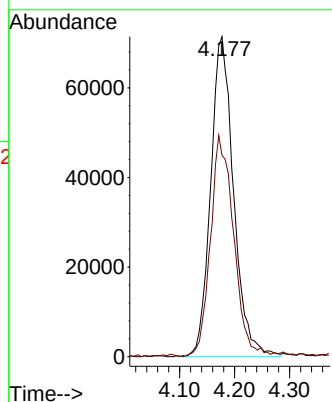
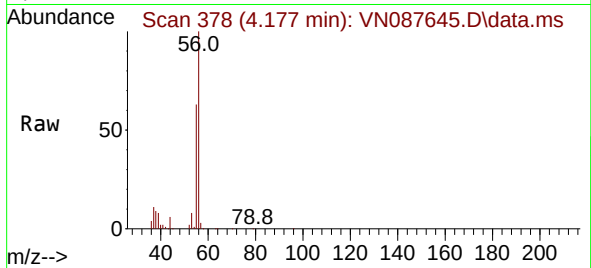




#13
Acrolein
Concen: 184.583 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

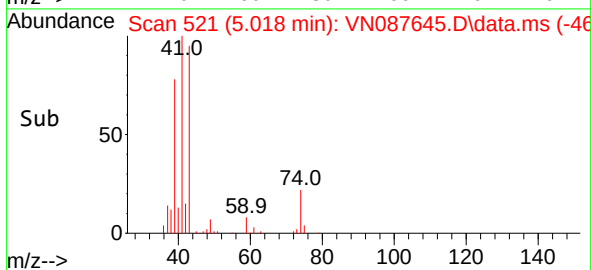
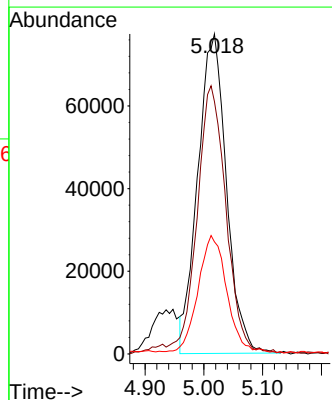
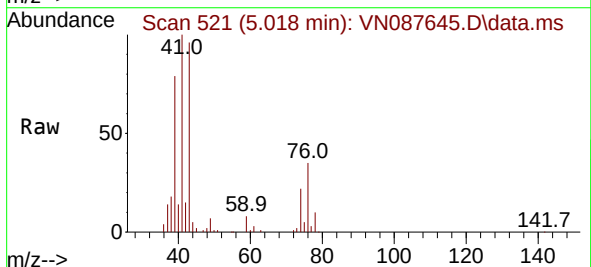
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

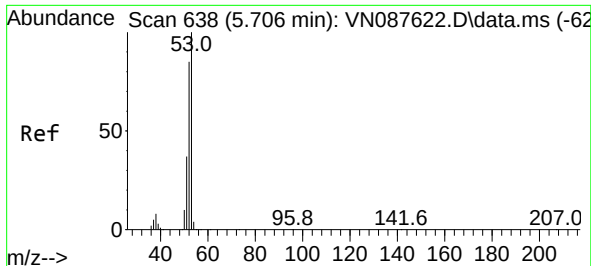
Tgt Ion: 56 Resp: 207205
Ion Ratio Lower Upper
56 100
55 69.7 57.3 85.9



#14
Allyl chloride
Concen: 38.986 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 41 Resp: 261482
Ion Ratio Lower Upper
41 100
39 84.2 63.9 95.9
76 37.1 28.1 42.1

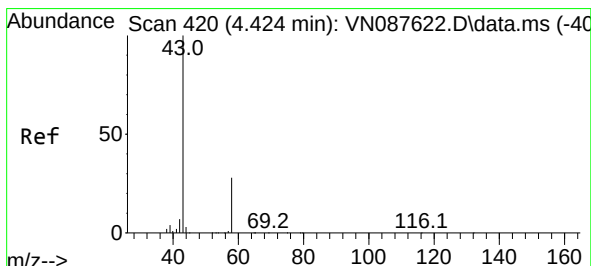
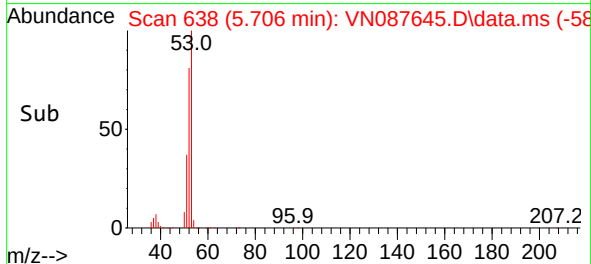
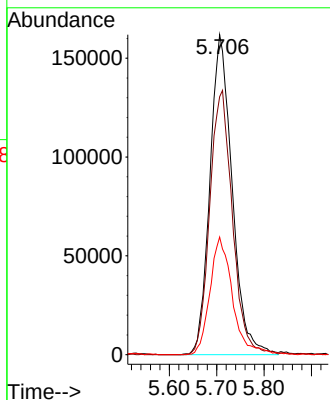
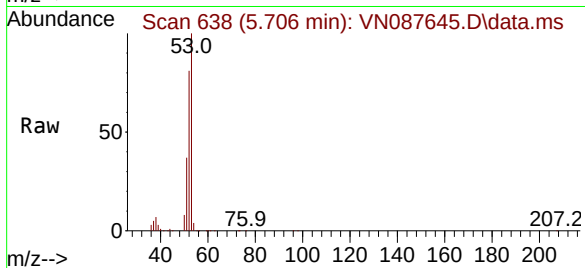




#15
Acrylonitrile
Concen: 205.248 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

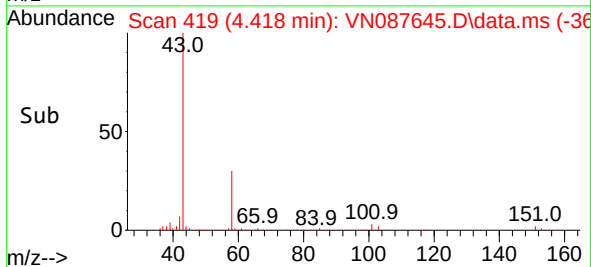
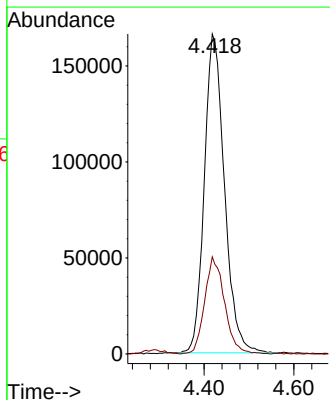
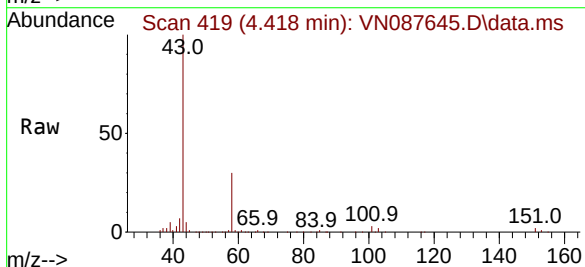
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

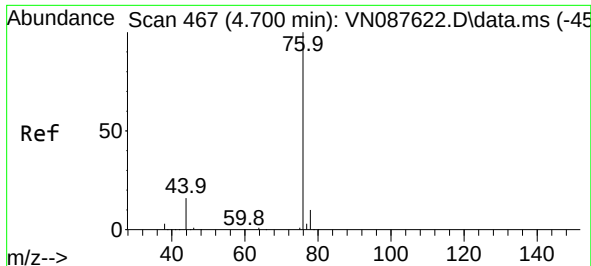
Tgt Ion: 53 Resp: 528559
Ion Ratio Lower Upper
53 100
52 84.0 67.6 101.4
51 37.4 30.1 45.1



#16
Acetone
Concen: 180.280 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 43 Resp: 516190
Ion Ratio Lower Upper
43 100
58 30.3 22.6 33.8

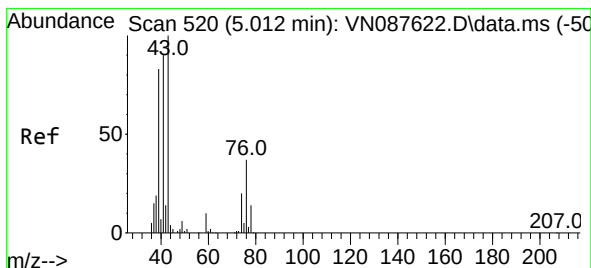
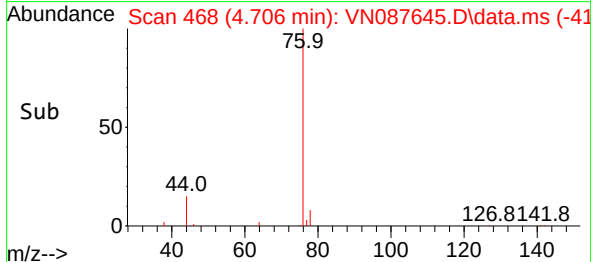
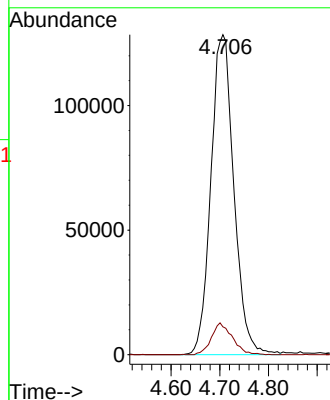
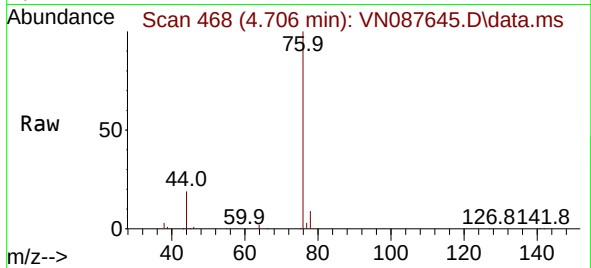




#17
Carbon Disulfide
Concen: 41.319 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

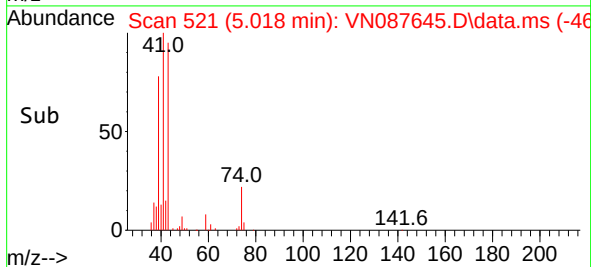
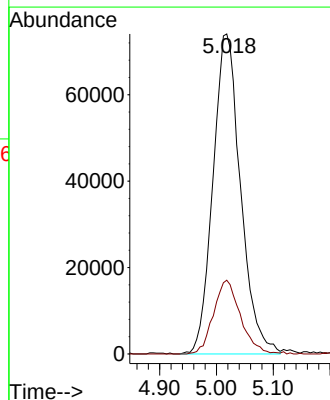
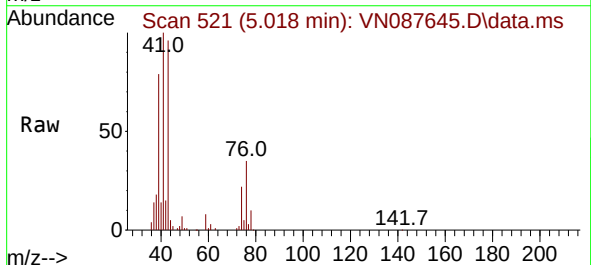
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

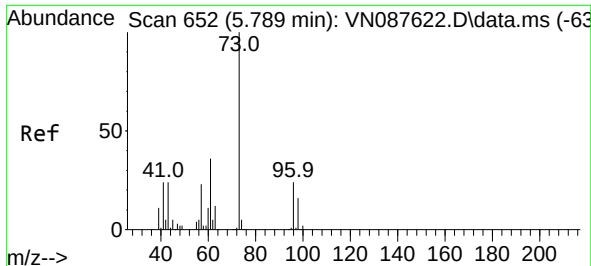
Tgt Ion: 76 Resp: 421008
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4



#18
Methyl Acetate
Concen: 41.682 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 43 Resp: 249887
Ion Ratio Lower Upper
43 100
74 22.5 17.6 26.4

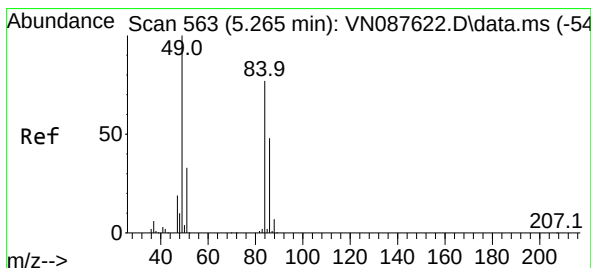
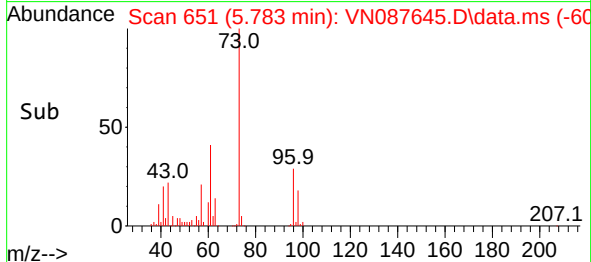
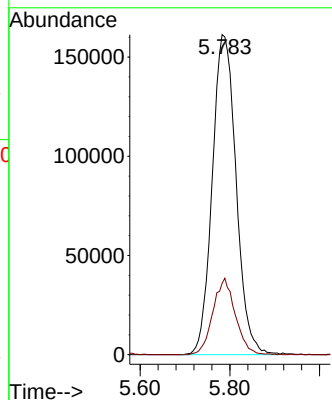
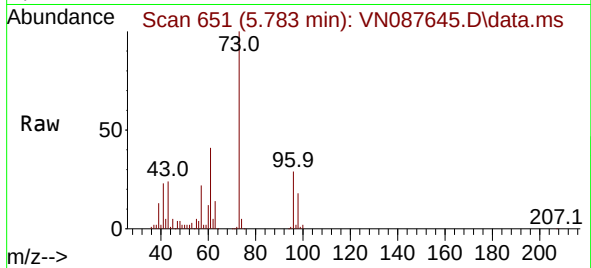




#19
Methyl tert-butyl Ether
Concen: 42.879 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

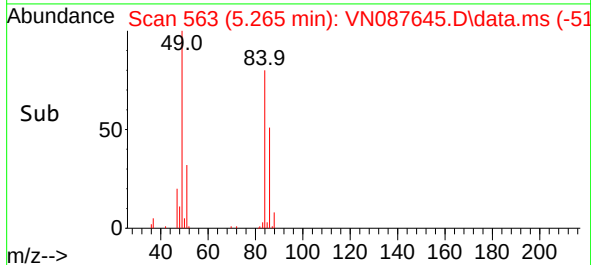
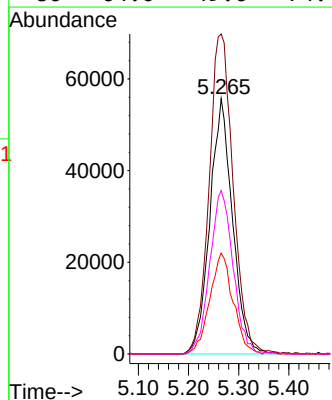
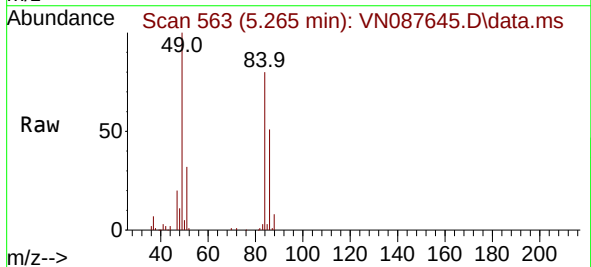
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

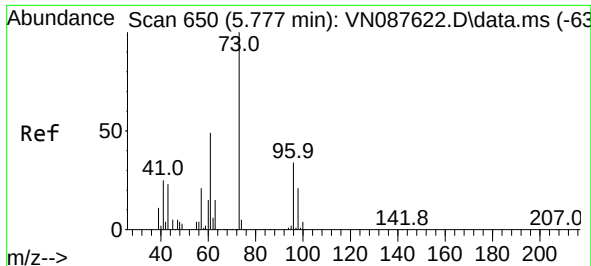
Tgt Ion: 73 Resp: 595356
Ion Ratio Lower Upper
73 100
57 22.3 18.4 27.6



#20
Methylene Chloride
Concen: 41.990 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 84 Resp: 174725
Ion Ratio Lower Upper
84 100
49 125.3 103.4 155.2
51 39.5 33.8 50.8
86 64.0 49.6 74.4

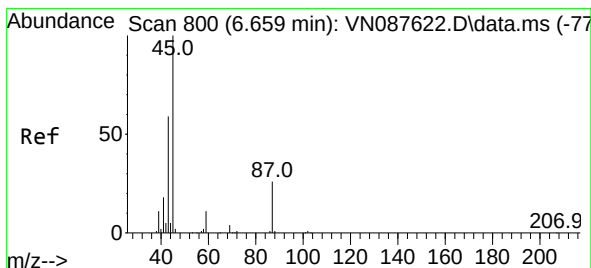
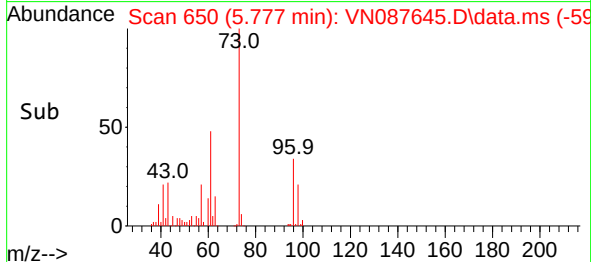
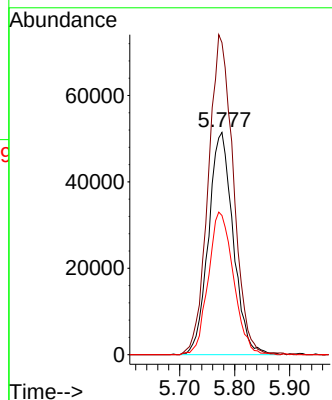
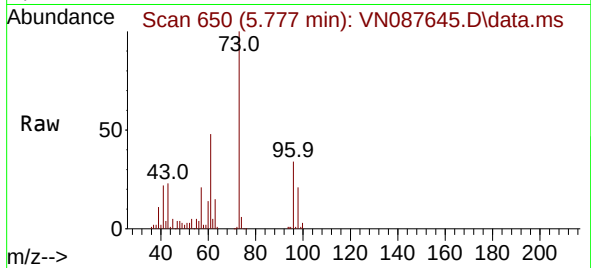




#21
trans-1,2-Dichloroethene
Concen: 40.031 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

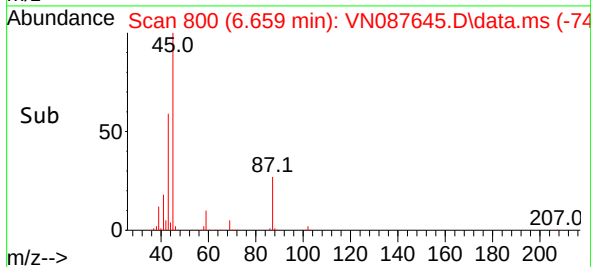
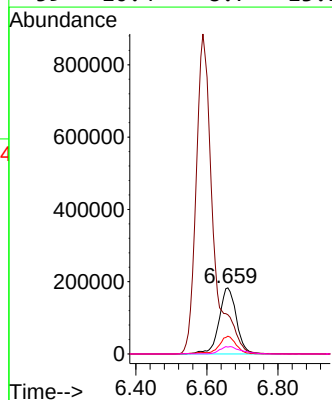
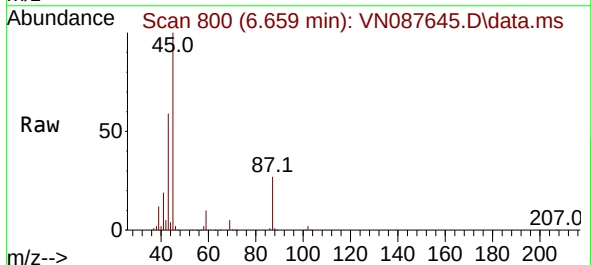
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

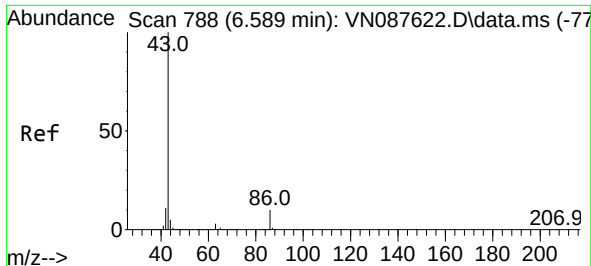
Tgt Ion: 96 Resp: 160576
Ion Ratio Lower Upper
96 100
61 140.3 118.0 177.0
98 62.6 50.0 75.0



#22
Diisopropyl ether
Concen: 42.615 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 45 Resp: 616809
Ion Ratio Lower Upper
45 100
43 58.9 47.7 71.5
87 26.8 21.4 32.0
59 10.4 8.7 13.1

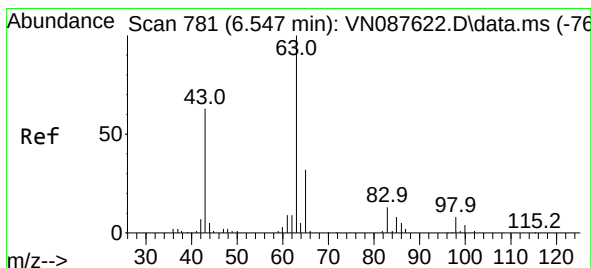
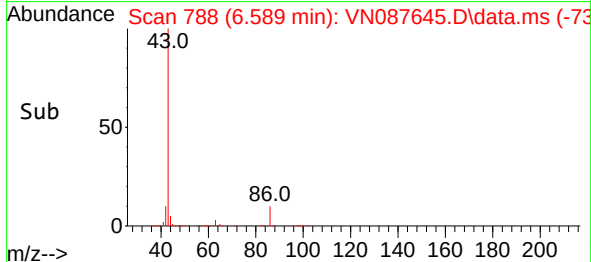
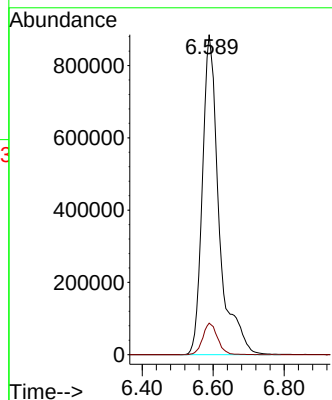
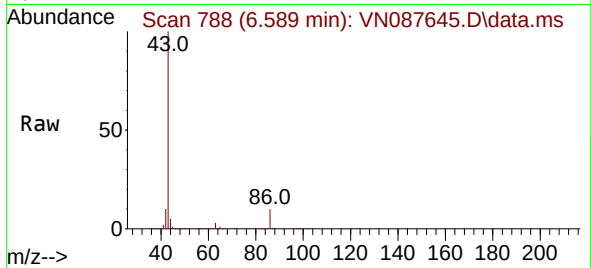




#23
 Vinyl Acetate
 Concen: 219.416 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087645.D
 Acq: 22 Aug 2025 16:41

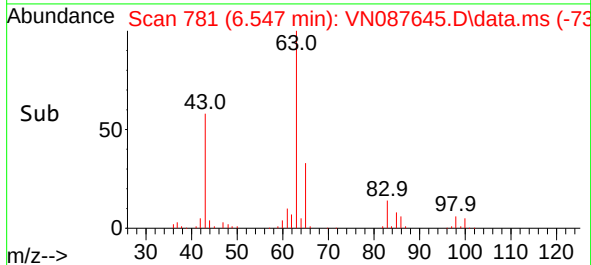
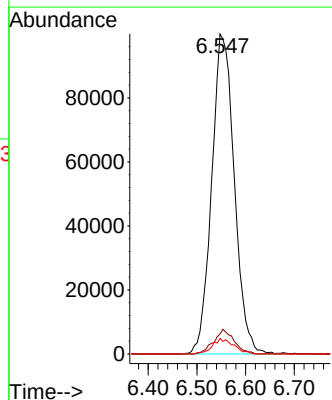
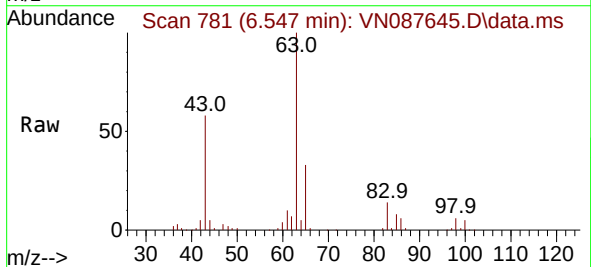
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

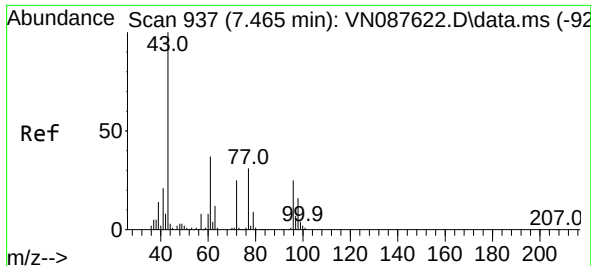
Tgt Ion: 43 Resp: 2889322
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 40.638 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: VN087645.D
 Acq: 22 Aug 2025 16:41

Tgt Ion: 63 Resp: 322496
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.8 11.4
 100 4.9 2.0 6.0

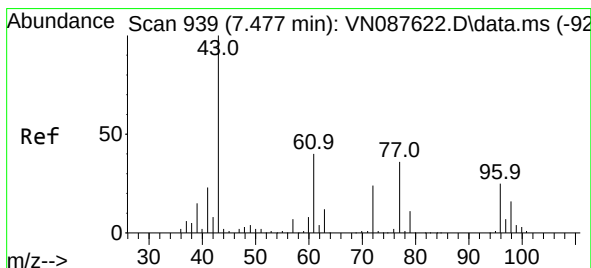
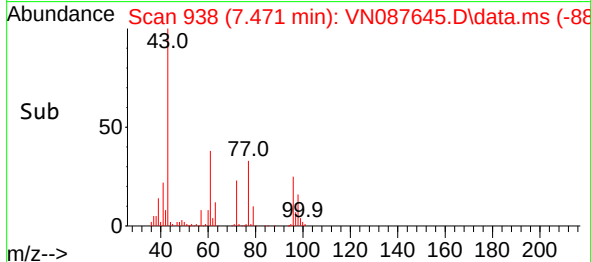
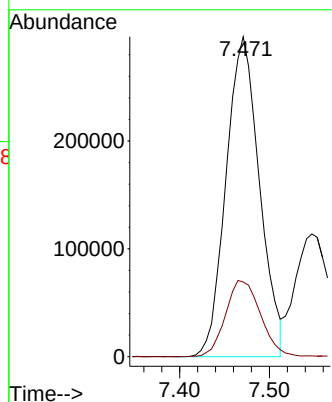
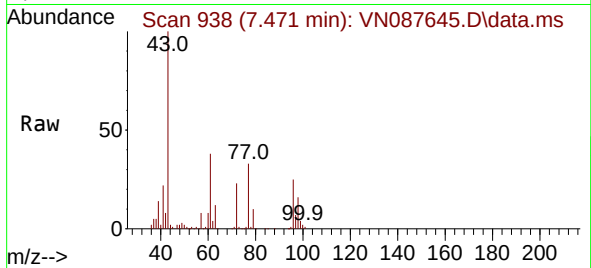




#25
2-Butanone
Concen: 203.968 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

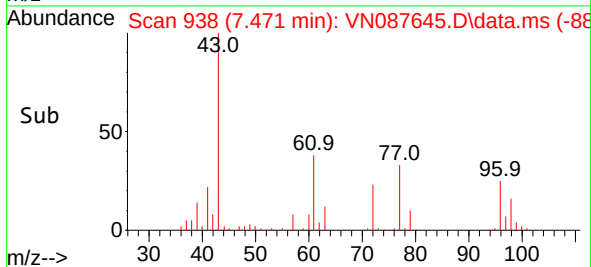
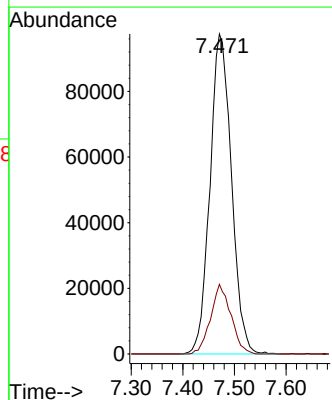
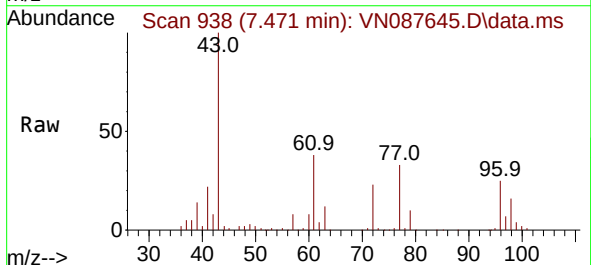
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

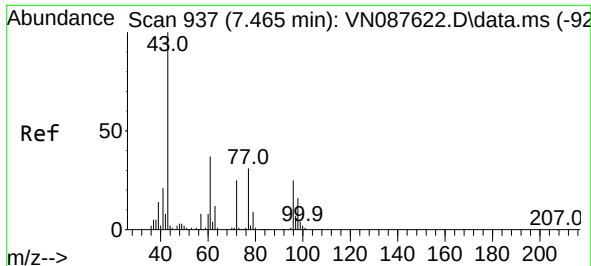
Tgt Ion: 43 Resp: 768345
Ion Ratio Lower Upper
43 100
72 23.4 19.9 29.9



#26
2,2-Dichloropropane
Concen: 41.309 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 77 Resp: 281365
Ion Ratio Lower Upper
77 100
97 20.6 10.9 32.7

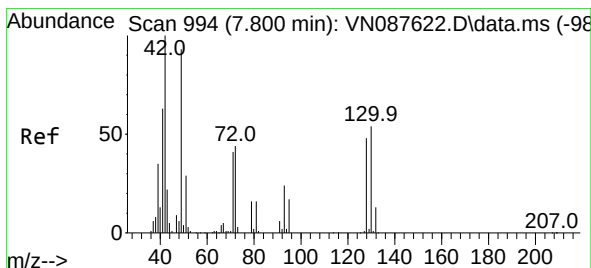
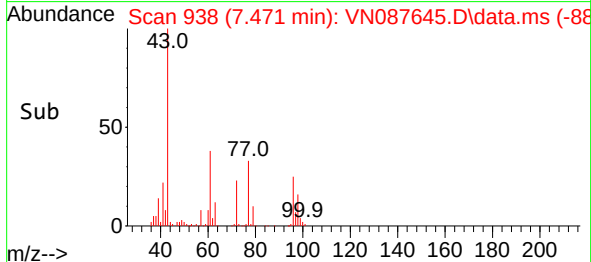
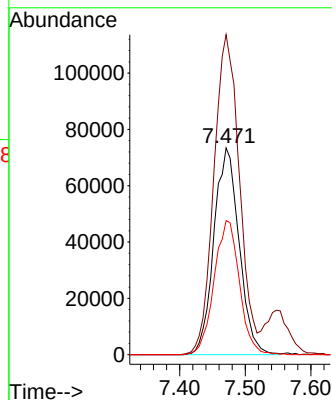
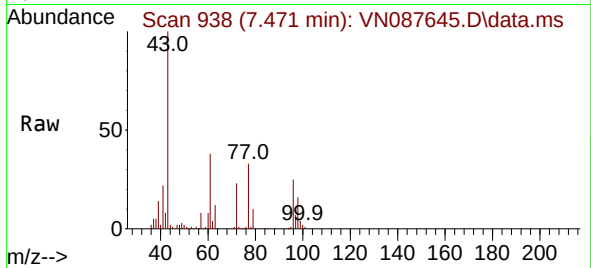




#27
 cis-1,2-Dichloroethene
 Concen: 40.910 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087645.D
 Acq: 22 Aug 2025 16:41

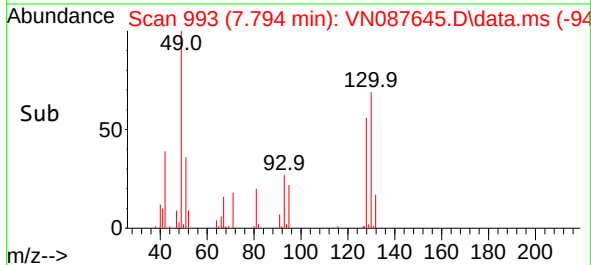
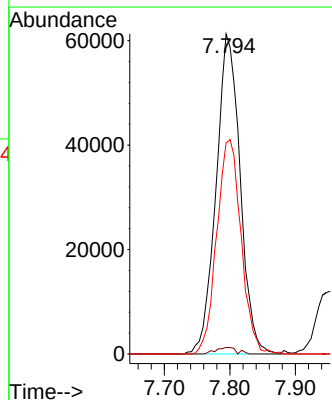
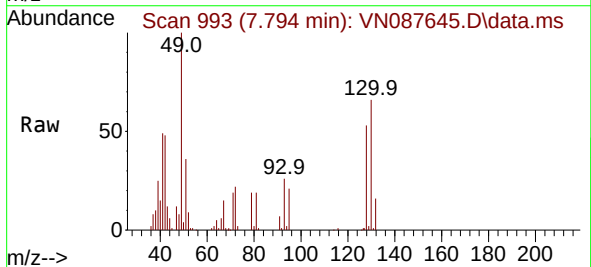
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

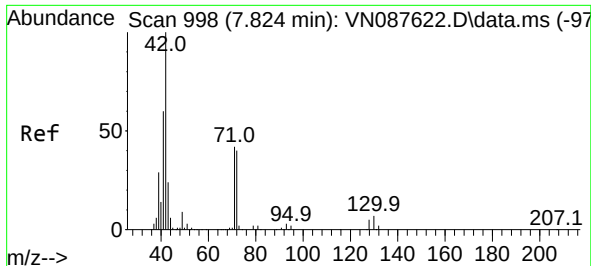
Tgt Ion: 96 Resp: 196181
 Ion Ratio Lower Upper
 96 100
 61 156.1 0.0 301.8
 98 65.0 0.0 126.2



#28
 Bromochloromethane
 Concen: 40.625 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087645.D
 Acq: 22 Aug 2025 16:41

Tgt Ion: 49 Resp: 155859
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.0
 130 67.9 53.1 79.7





#29

Tetrahydrofuran

Concen: 208.603 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

Lab File: VN087645.D

Acq: 22 Aug 2025 16:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

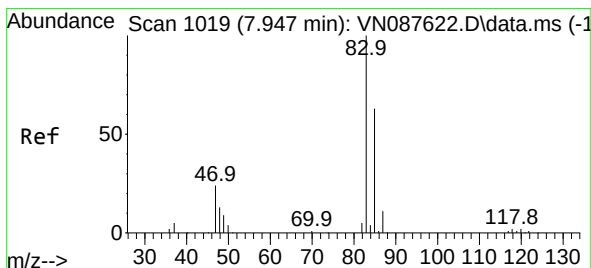
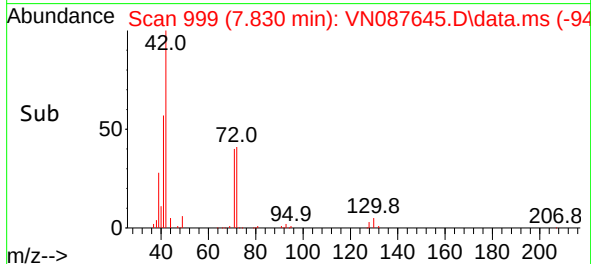
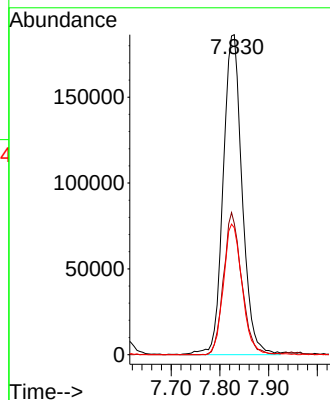
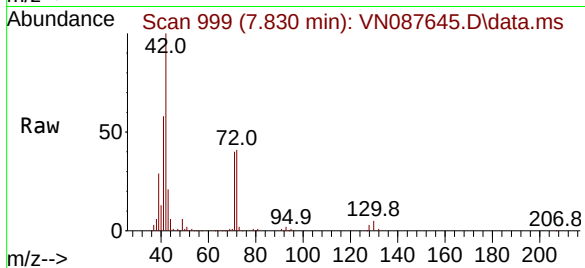
Tgt Ion: 42 Resp: 505710

Ion Ratio Lower Upper

42 100

72 42.1 33.7 50.5

71 40.0 31.9 47.9



#30

Chloroform

Concen: 41.608 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087645.D

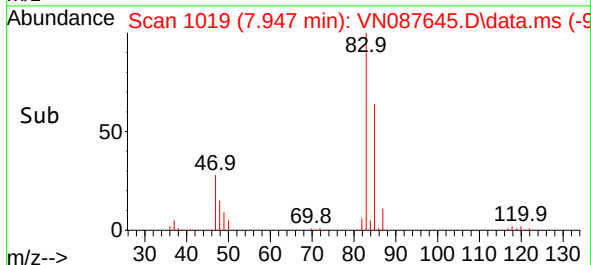
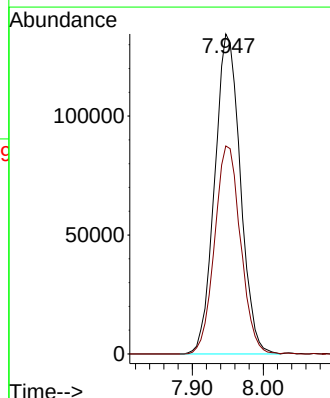
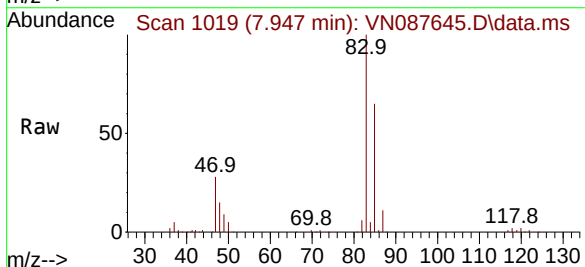
Acq: 22 Aug 2025 16:41

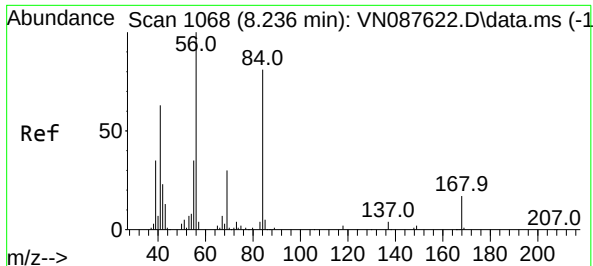
Tgt Ion: 83 Resp: 337029

Ion Ratio Lower Upper

83 100

85 65.0 50.7 76.1

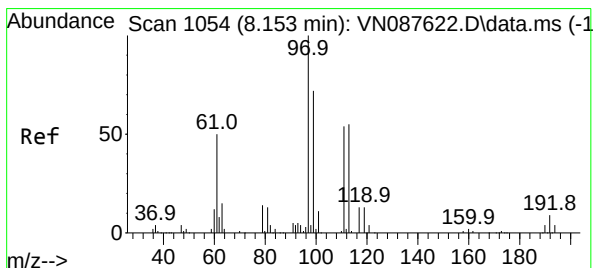
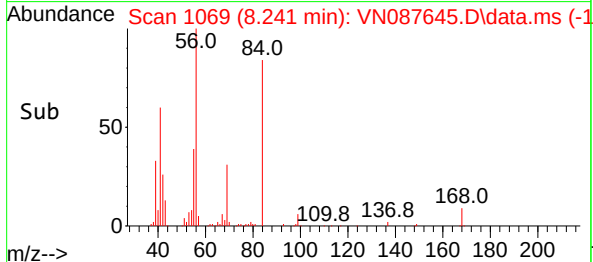
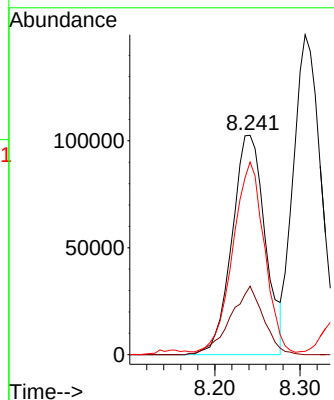
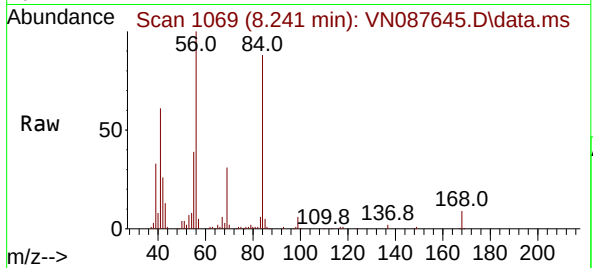




#31
Cyclohexane
Concen: 42.028 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

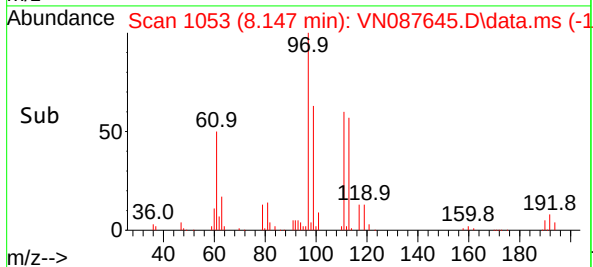
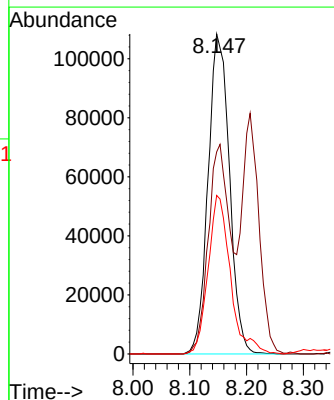
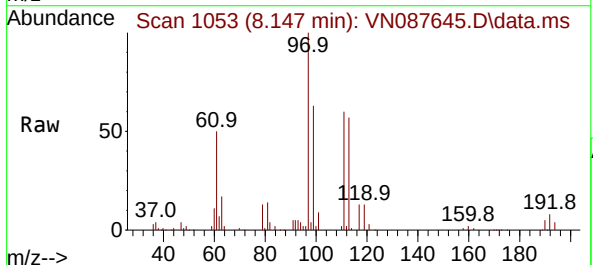
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

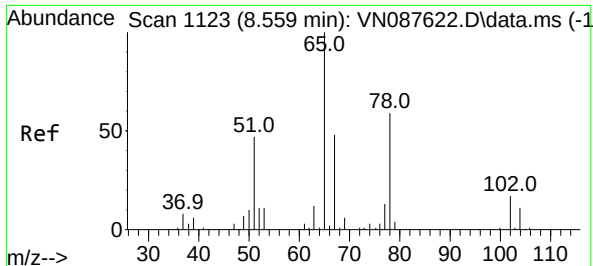
Tgt Ion: 56 Resp: 278052
Ion Ratio Lower Upper
56 100
69 30.9 23.7 35.5
84 86.1 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 41.194 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 97 Resp: 282780
Ion Ratio Lower Upper
97 100
99 67.3 52.2 78.2
61 51.9 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 42.538 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087645.D

Acq: 22 Aug 2025 16:41

Instrument :

MSVOA_N

ClientSampleId :

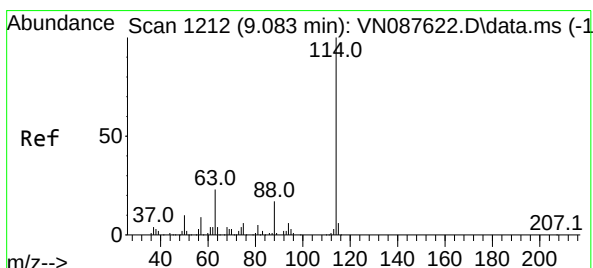
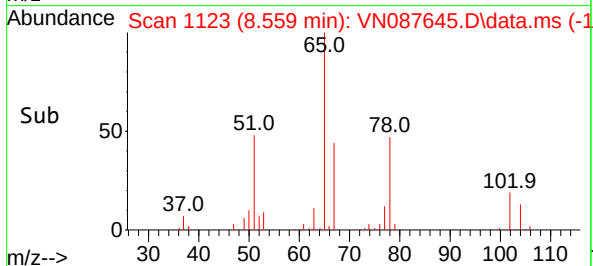
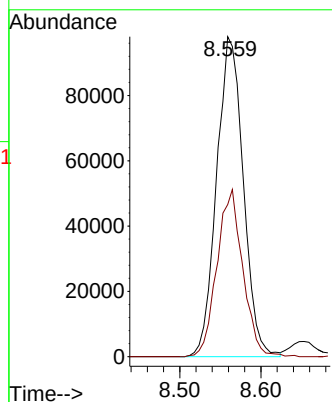
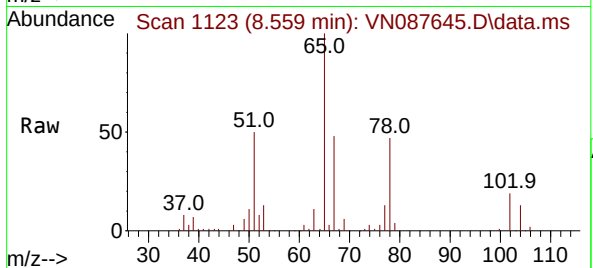
VSTDCCC050EC

Tgt Ion: 65 Resp: 223739

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087645.D

Acq: 22 Aug 2025 16:41

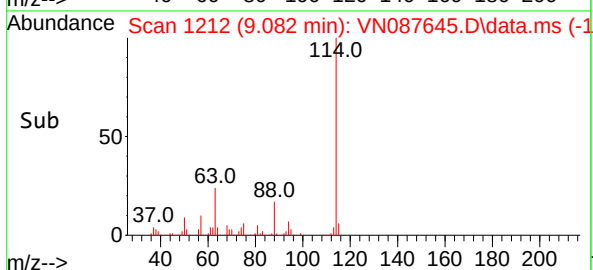
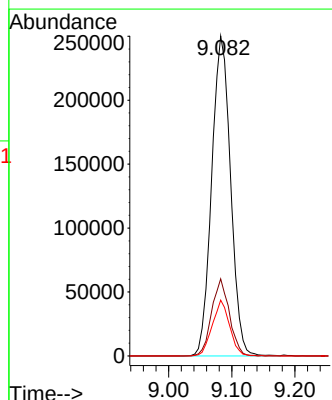
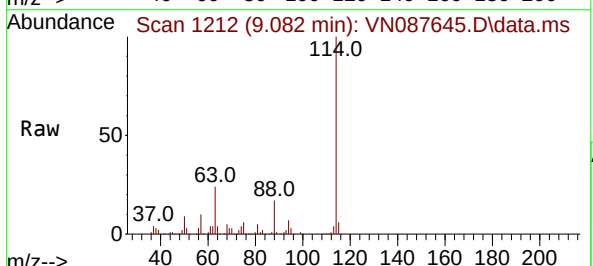
Tgt Ion: 114 Resp: 519783

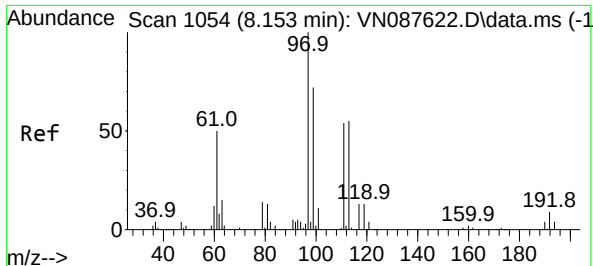
Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.2

88 17.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 41.253 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087645.D

Acq: 22 Aug 2025 16:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

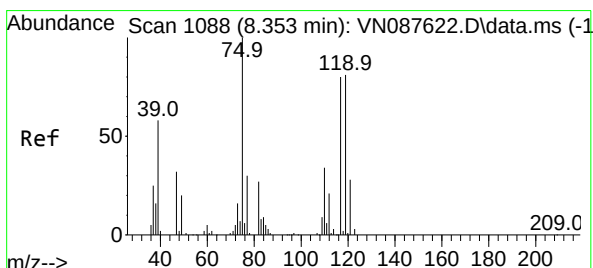
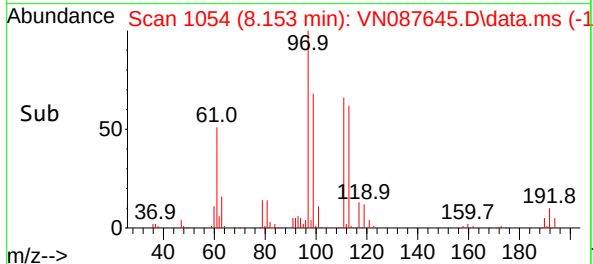
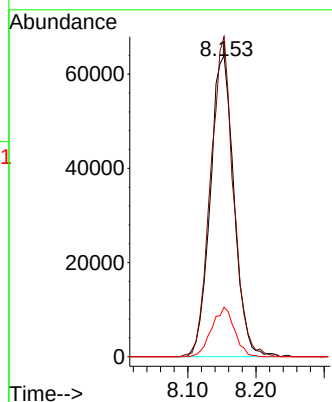
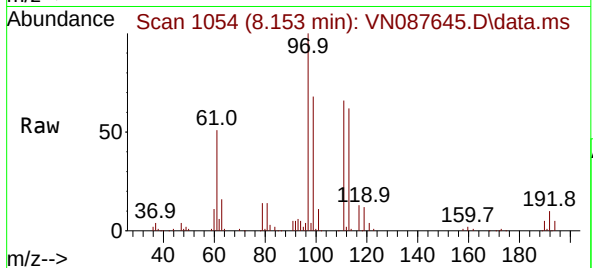
Tgt Ion:113 Resp: 154817

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 15.8 12.8 19.2



#36

1,1-Dichloropropene

Concen: 39.283 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087645.D

Acq: 22 Aug 2025 16:41

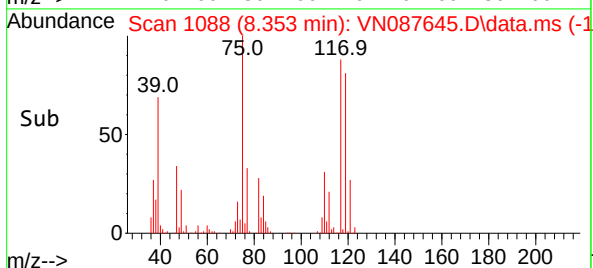
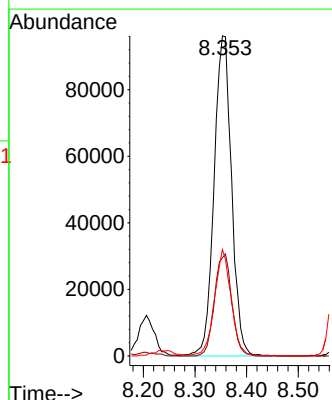
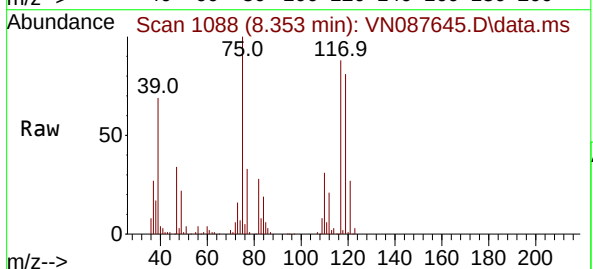
Tgt Ion: 75 Resp: 226161

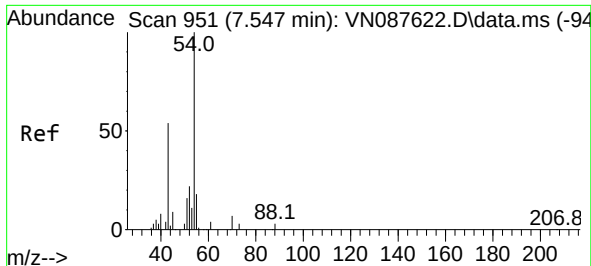
Ion Ratio Lower Upper

75 100

110 31.3 15.9 47.6

77 31.7 24.4 36.6

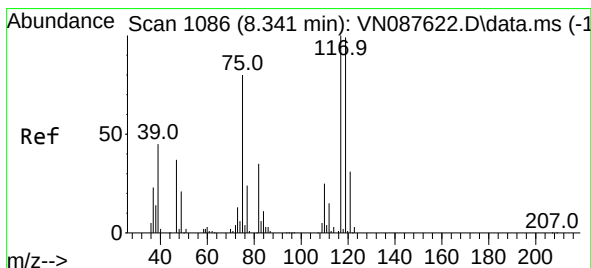
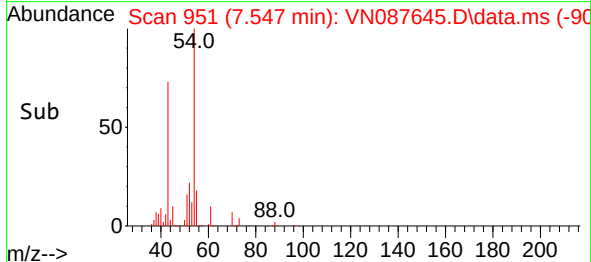
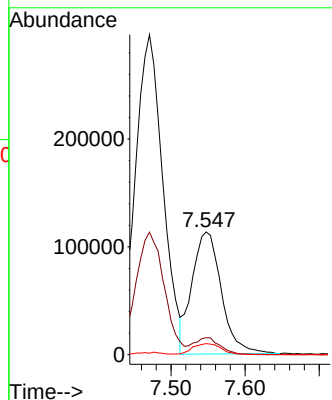
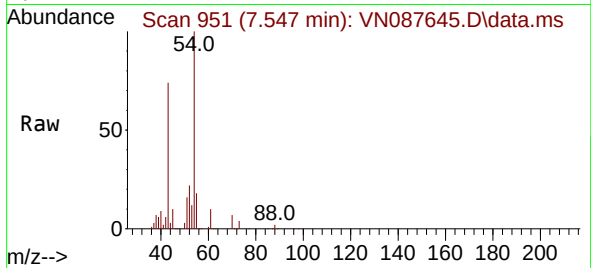




#37
Ethyl Acetate
Concen: 39.627 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

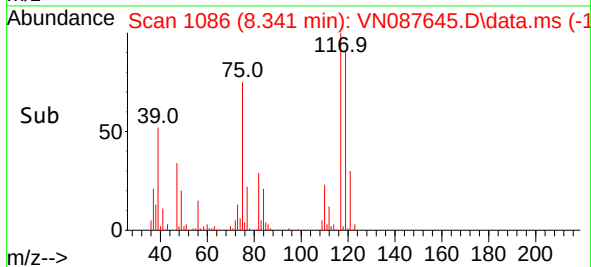
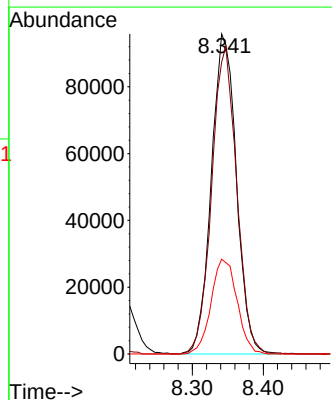
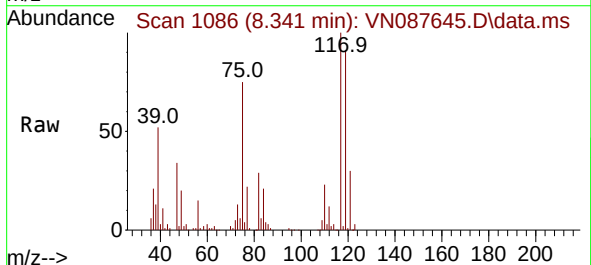
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

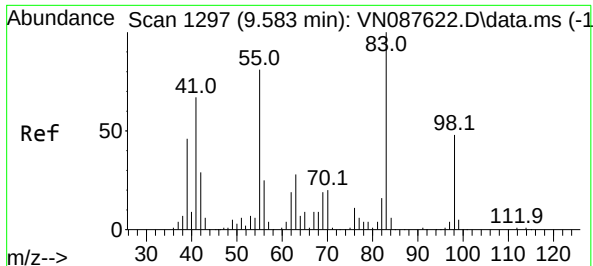
Tgt Ion: 43 Resp: 311752
Ion Ratio Lower Upper
43 100
61 12.0 9.3 13.9
70 9.0 7.0 10.6



#38
Carbon Tetrachloride
Concen: 41.201 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 117 Resp: 234200
Ion Ratio Lower Upper
117 100
119 91.1 79.0 118.6
121 29.6 25.0 37.6





#39

Methylcyclohexane

Concen: 39.656 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087645.D

Acq: 22 Aug 2025 16:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

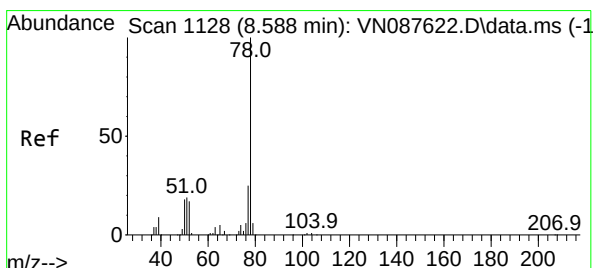
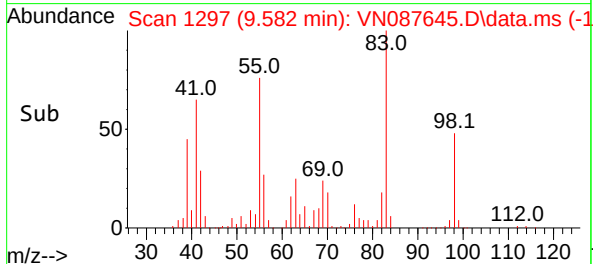
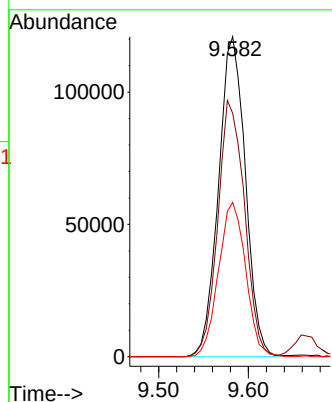
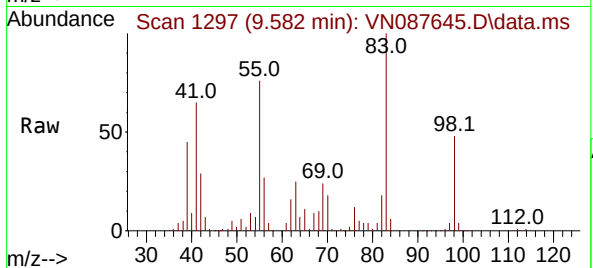
Tgt Ion: 83 Resp: 251360

Ion Ratio Lower Upper

83 100

55 76.1 64.6 96.8

98 48.2 38.4 57.6



#40

Benzene

Concen: 43.925 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087645.D

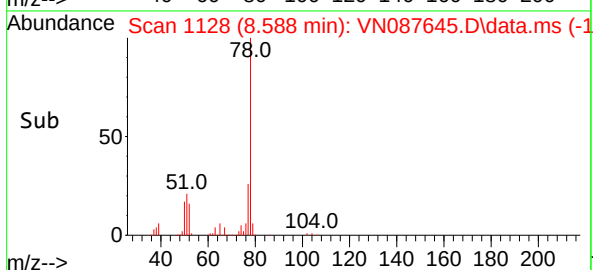
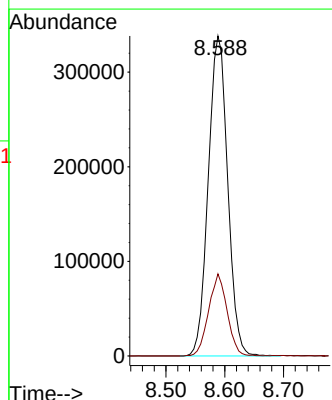
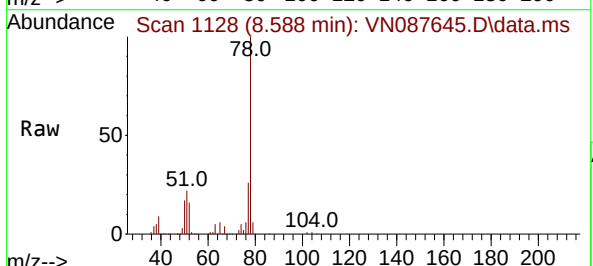
Acq: 22 Aug 2025 16:41

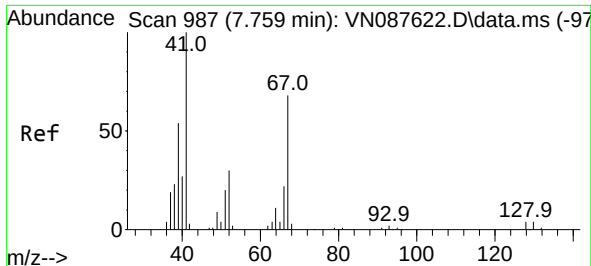
Tgt Ion: 78 Resp: 775656

Ion Ratio Lower Upper

78 100

77 25.7 19.7 29.5



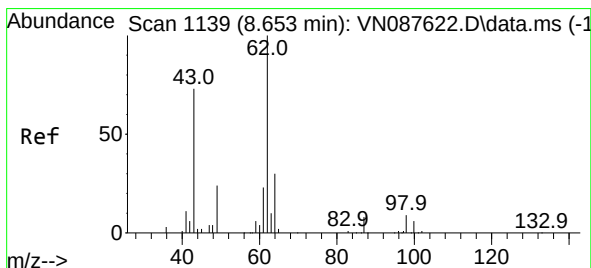
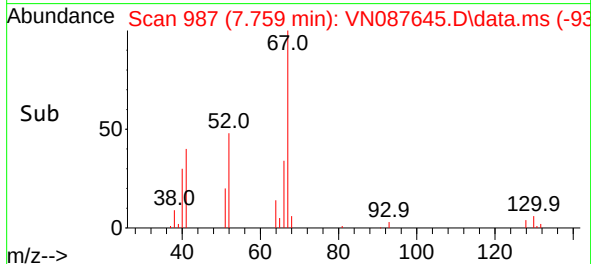
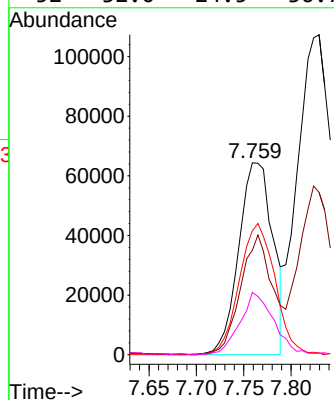
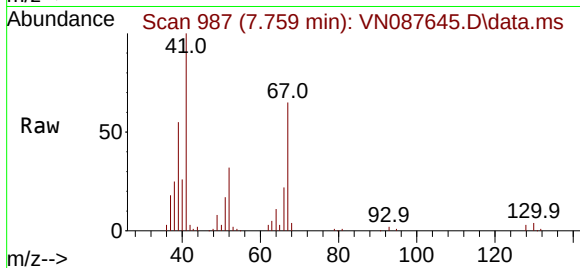


#41
Methacrylonitrile
Concen: 39.718 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 161861

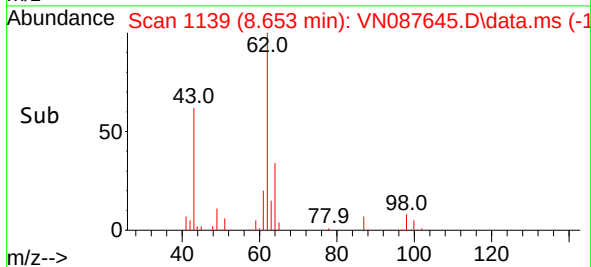
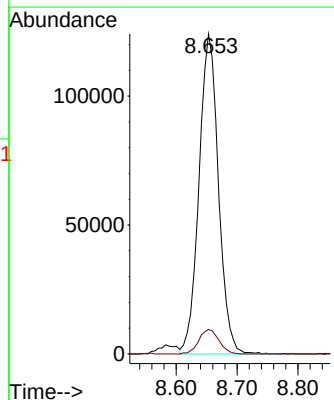
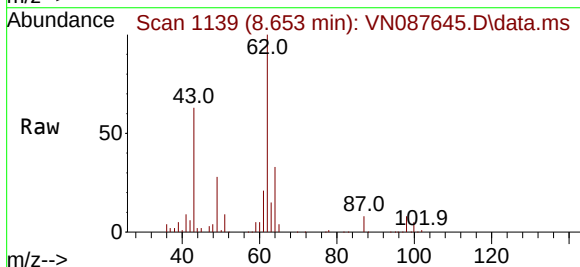
Ion	Ratio	Lower	Upper
41	100		
39	60.2	45.4	68.0
67	71.3	55.3	82.9
52	32.0	24.5	36.7

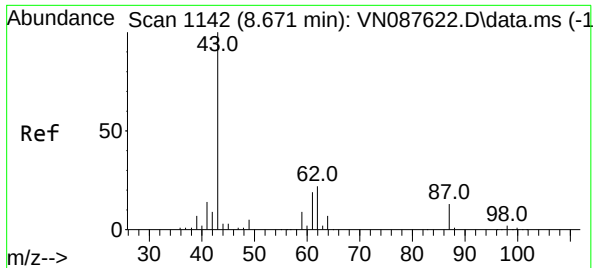


#42
1,2-Dichloroethane
Concen: 40.625 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 62 Resp: 275675

Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	17.4

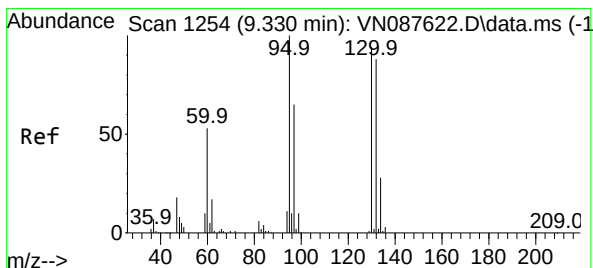
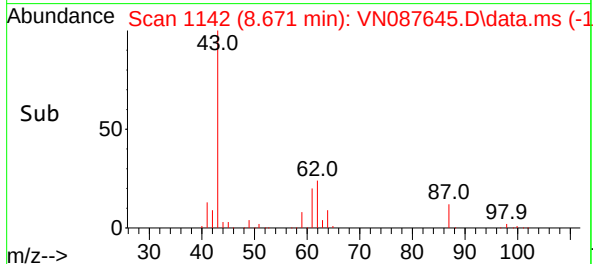
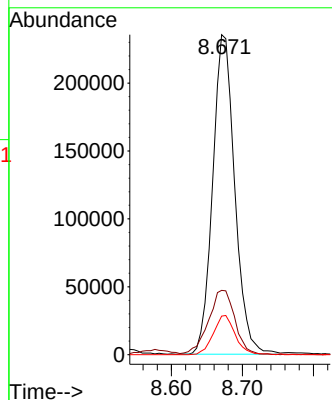
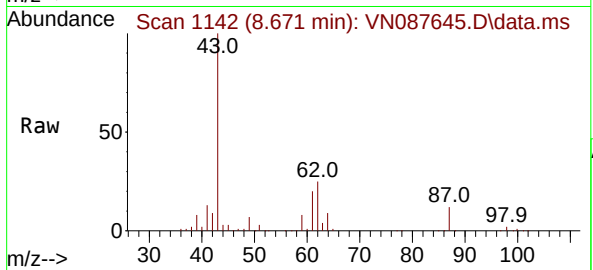




#43
Isopropyl Acetate
Concen: 41.307 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

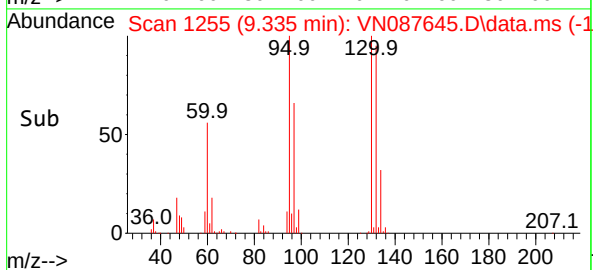
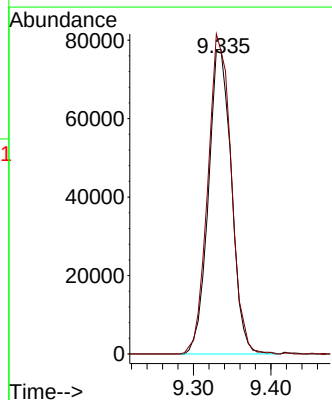
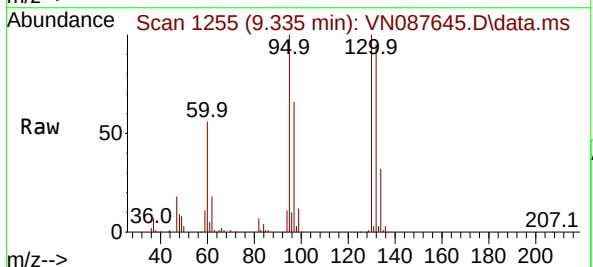
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

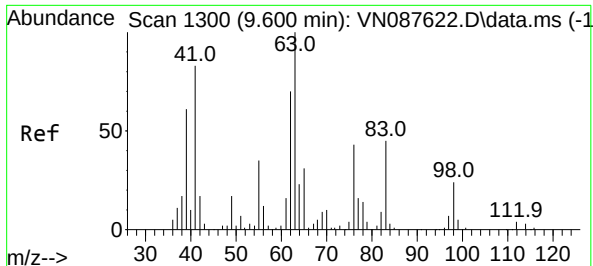
Tgt Ion: 43 Resp: 507367
Ion Ratio Lower Upper
43 100
61 24.3 18.8 28.2
87 12.2 9.6 14.4



#44
Trichloroethene
Concen: 39.874 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion:130 Resp: 160755
Ion Ratio Lower Upper
130 100
95 99.5 0.0 212.0





#45

1,2-Dichloropropane

Concen: 39.587 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087645.D

Acq: 22 Aug 2025 16:41

Instrument :

MSVOA_N

ClientSampleId :

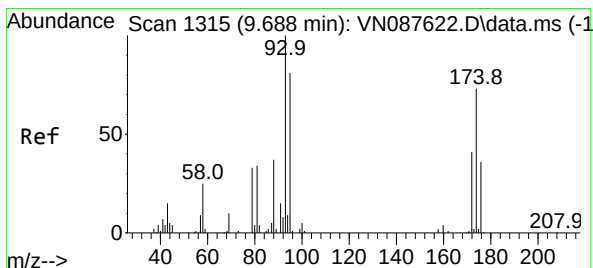
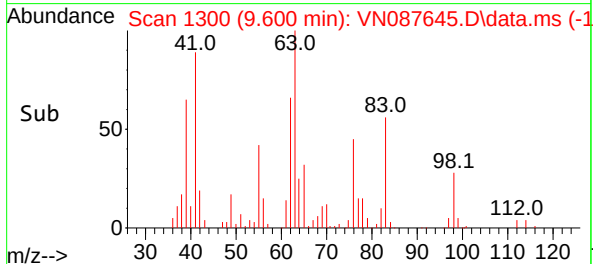
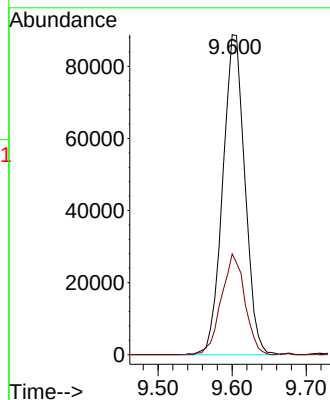
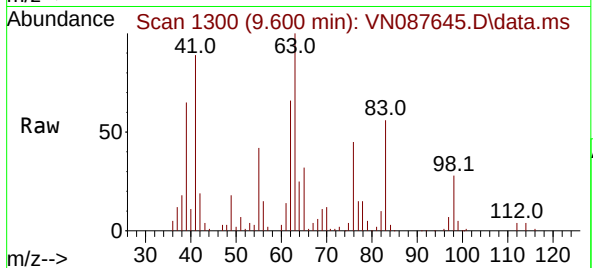
VSTDCCC050EC

Tgt Ion: 63 Resp: 184260

Ion Ratio Lower Upper

63 100

65 31.5 25.0 37.4



#46

Dibromomethane

Concen: 40.866 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087645.D

Acq: 22 Aug 2025 16:41

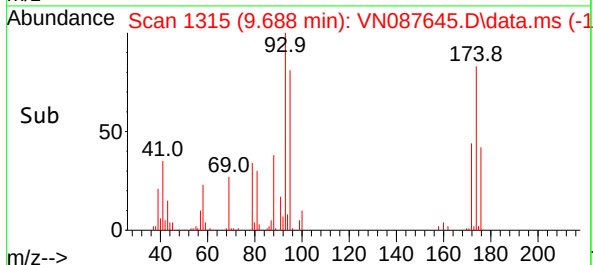
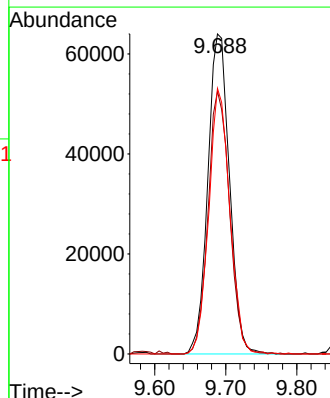
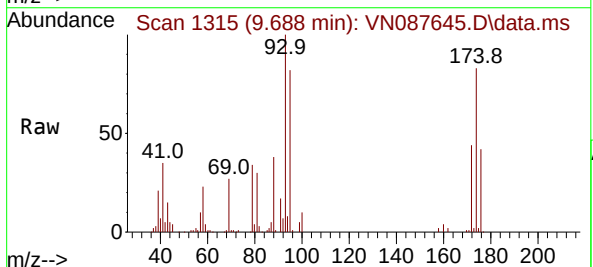
Tgt Ion: 93 Resp: 135359

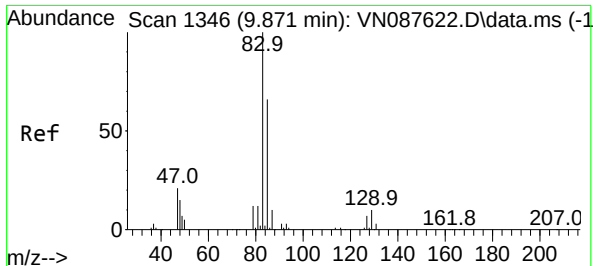
Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.4

174 81.0 63.4 95.2

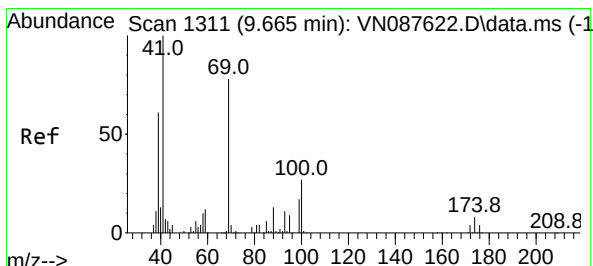
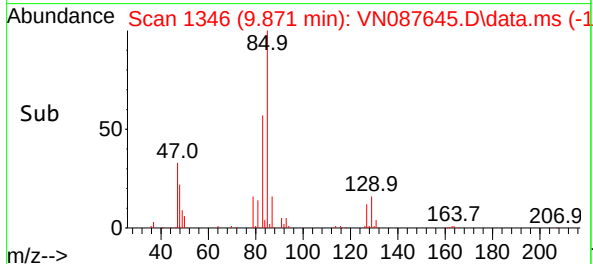
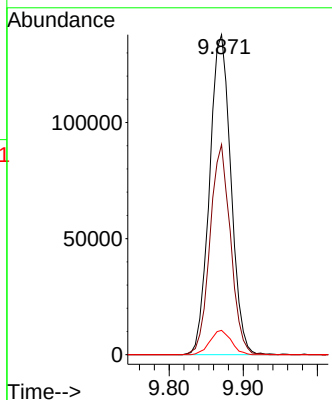
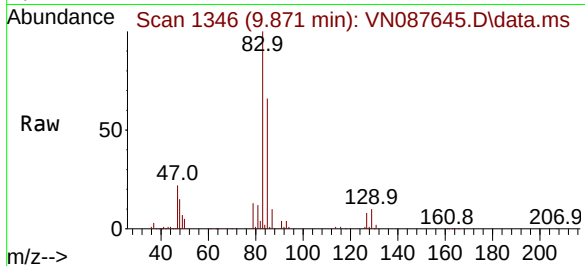




#47
Bromodichloromethane
Concen: 40.651 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

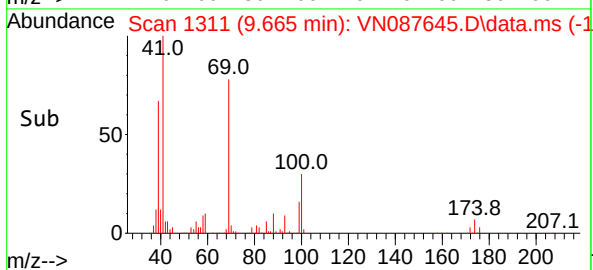
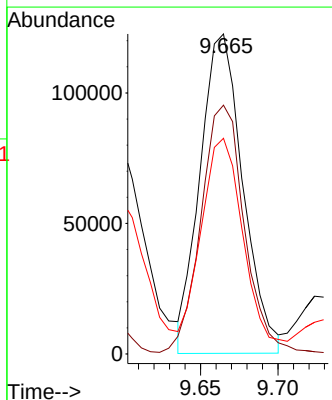
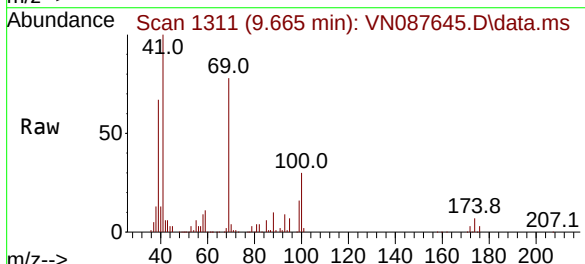
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

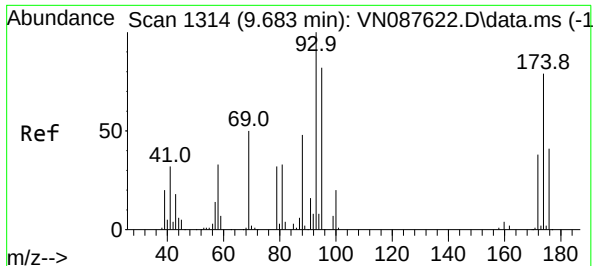
Tgt Ion: 83 Resp: 275952
Ion Ratio Lower Upper
83 100
85 65.6 52.5 78.7
127 7.6 5.8 8.6



#48
Methyl methacrylate
Concen: 40.478 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 41 Resp: 235170
Ion Ratio Lower Upper
41 100
69 78.6 62.7 94.1
39 67.5 52.9 79.3





#49

1,4-Dioxane

Concen: 829.126 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087645.D

Acq: 22 Aug 2025 16:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

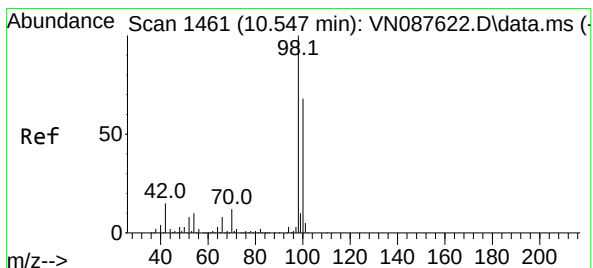
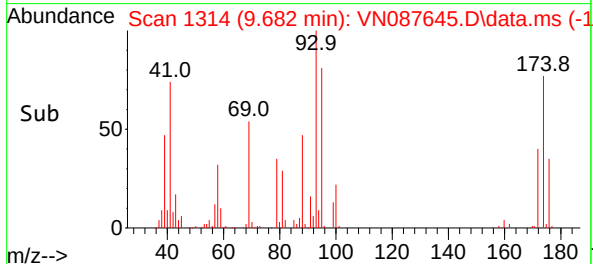
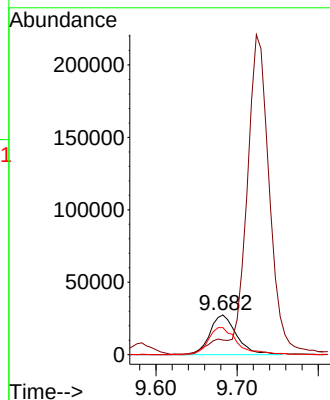
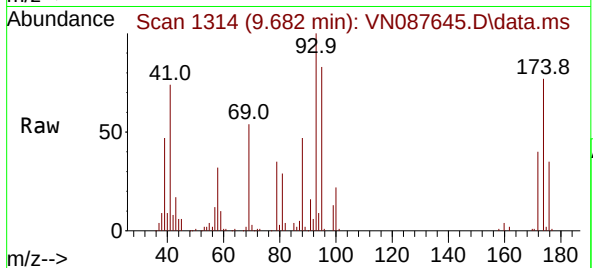
Tgt Ion: 88 Resp: 62436

Ion Ratio Lower Upper

88 100

43 30.6 0.0 0.0#

58 75.3 57.9 86.9



#50

Toluene-d8

Concen: 40.746 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087645.D

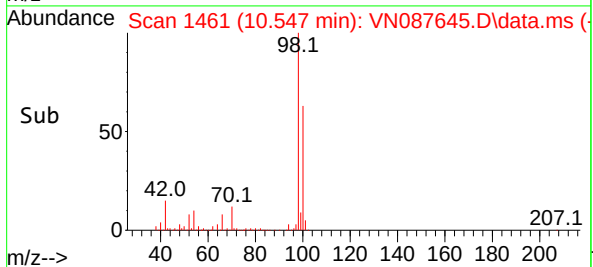
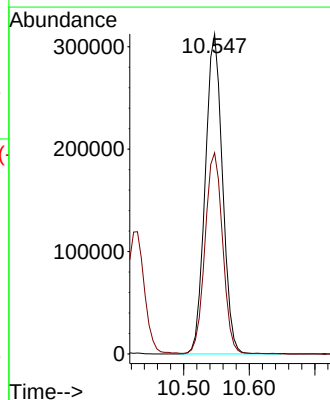
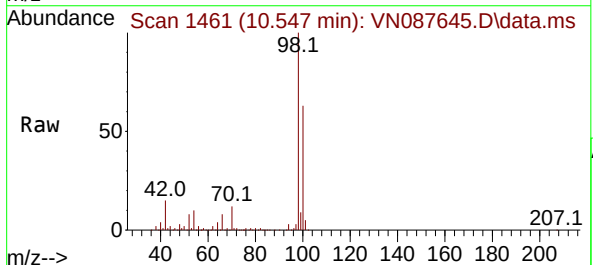
Acq: 22 Aug 2025 16:41

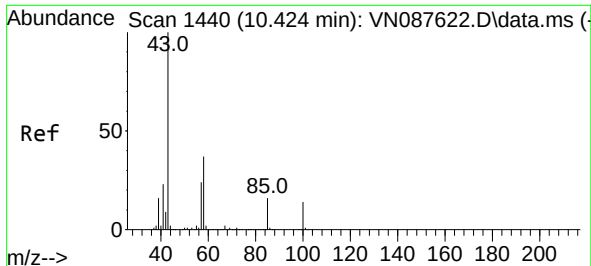
Tgt Ion: 98 Resp: 572322

Ion Ratio Lower Upper

98 100

100 64.1 52.8 79.2

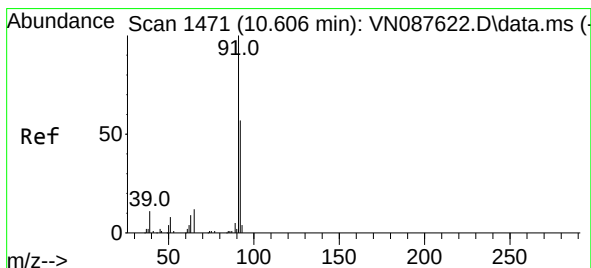
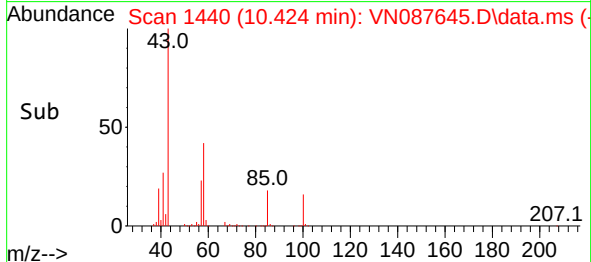
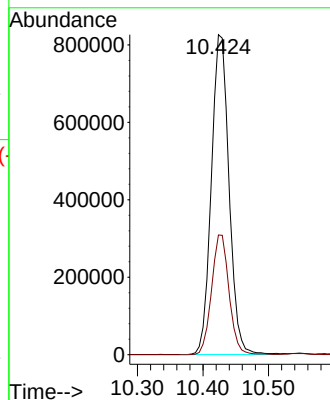
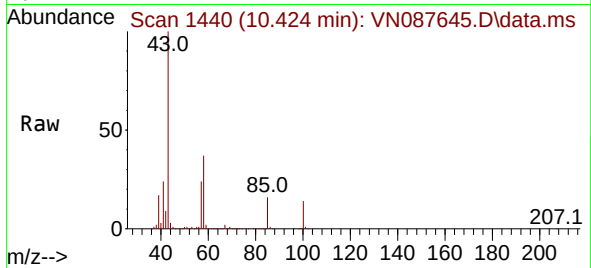




#51
4-Methyl-2-Pentanone
Concen: 209.177 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

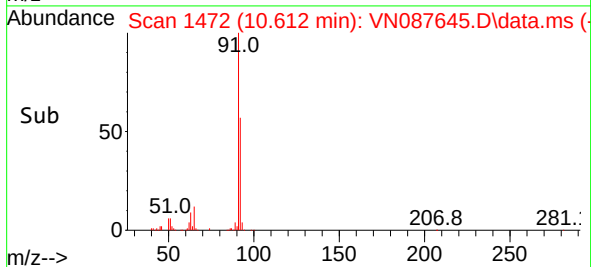
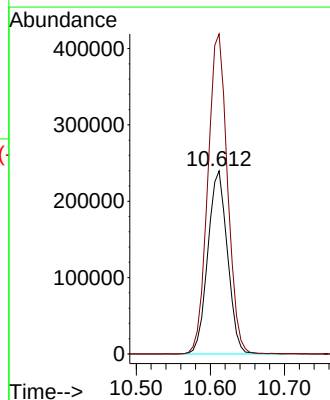
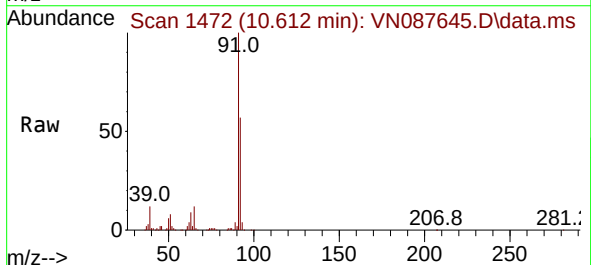
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

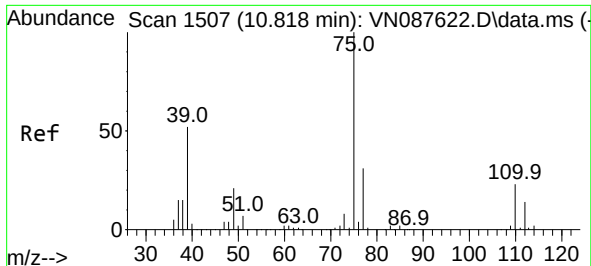
Tgt Ion: 43 Resp: 1550150
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4



#52
Toluene
Concen: 40.282 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 92 Resp: 440980
Ion Ratio Lower Upper
92 100
91 175.2 140.4 210.6

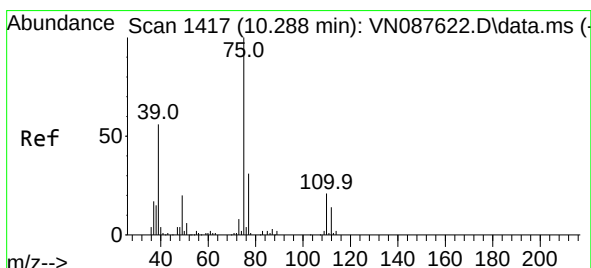
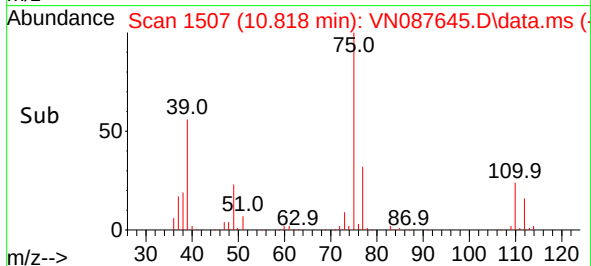
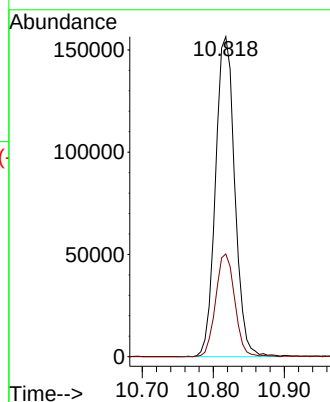
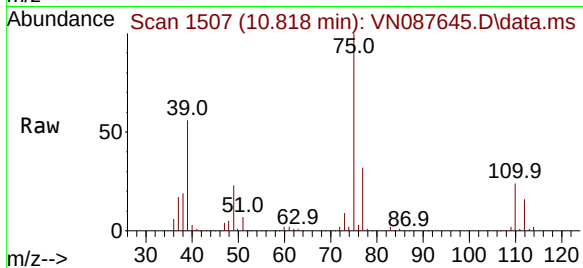




#53
t-1,3-Dichloropropene
Concen: 41.864 ug/l
RT: 10.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

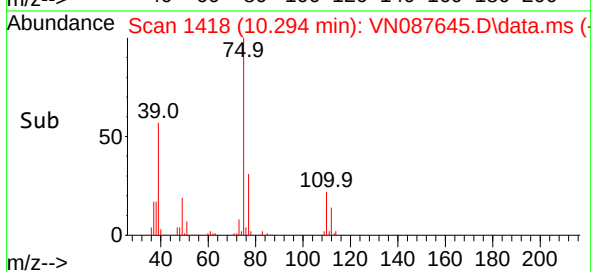
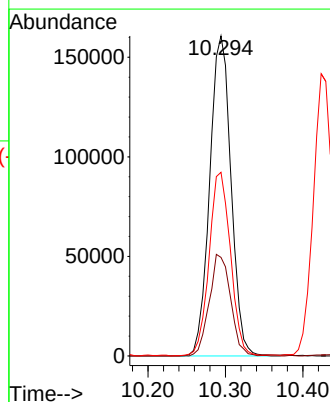
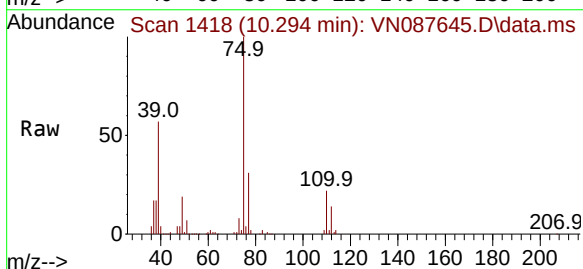
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

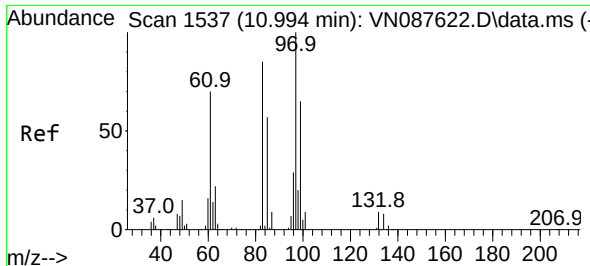
Tgt Ion: 75 Resp: 294162
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 42.101 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 75 Resp: 307171
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0
39 57.3 45.2 67.8



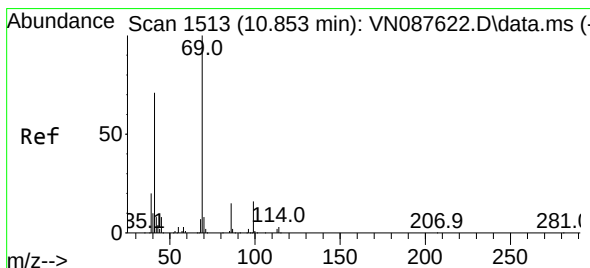
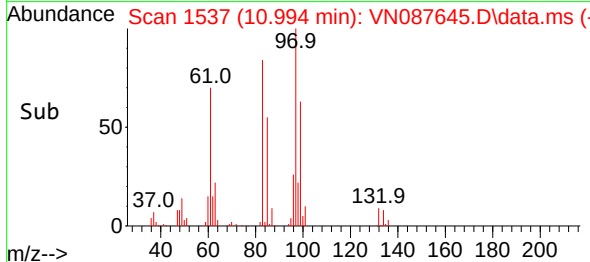
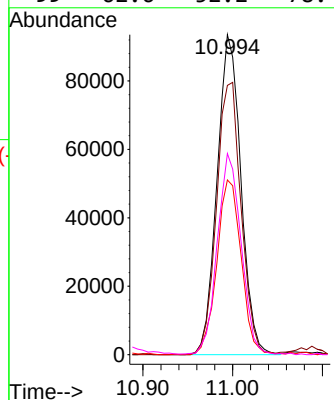
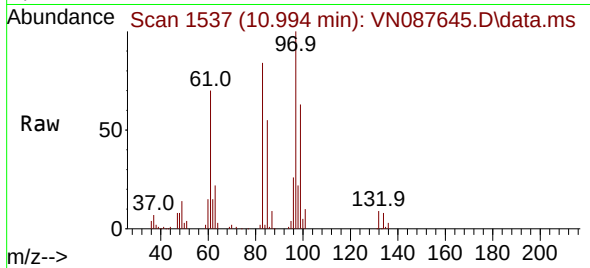


#55
1,1,2-Trichloroethane
Concen: 40.737 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 172517

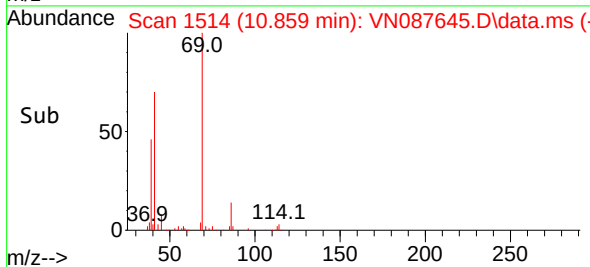
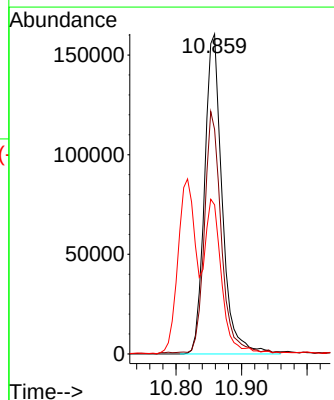
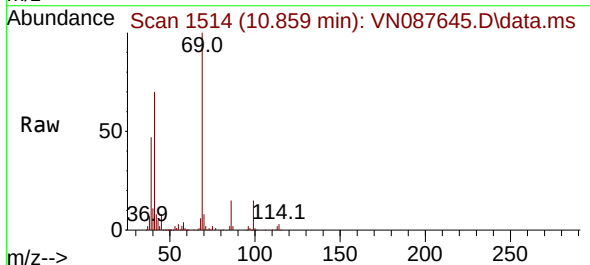
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.2	102.4
85	54.6	45.5	68.3
99	62.6	52.2	78.4

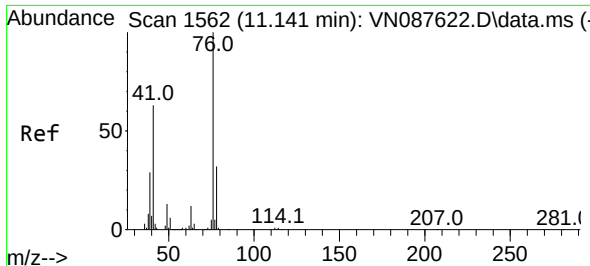


#56
Ethyl methacrylate
Concen: 44.332 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 69 Resp: 300032

Ion	Ratio	Lower	Upper
69	100		
41	71.0	56.5	84.7
39	46.2	34.2	51.4





#57

1,3-Dichloropropane

Concen: 41.824 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087645.D

Acq: 22 Aug 2025 16:41

Instrument :

MSVOA_N

ClientSampleId :

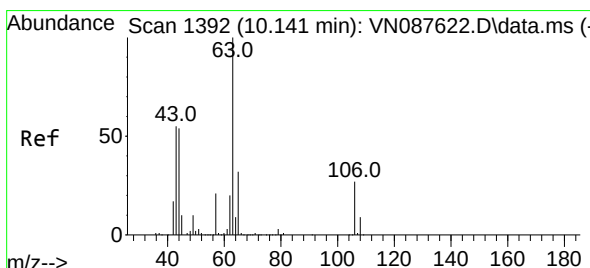
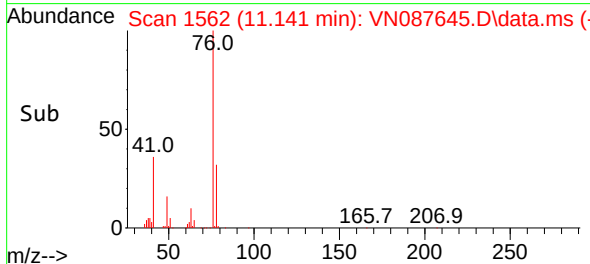
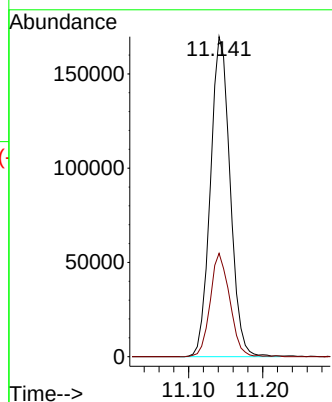
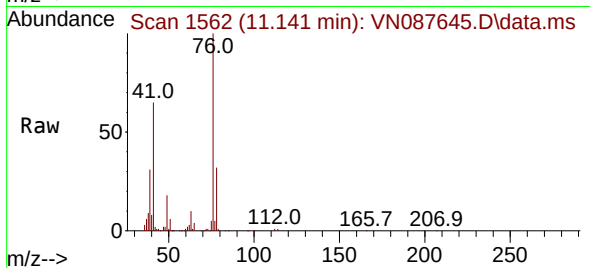
VSTDCCC050EC

Tgt Ion: 76 Resp: 313462

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 217.274 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087645.D

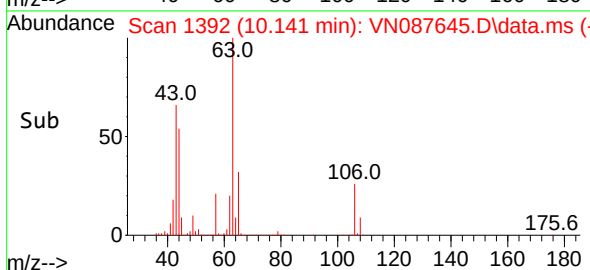
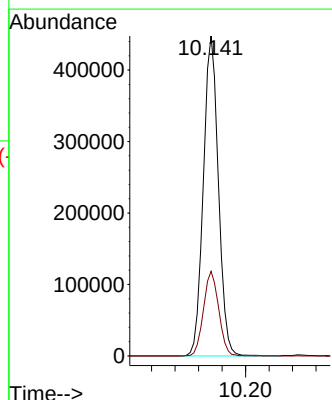
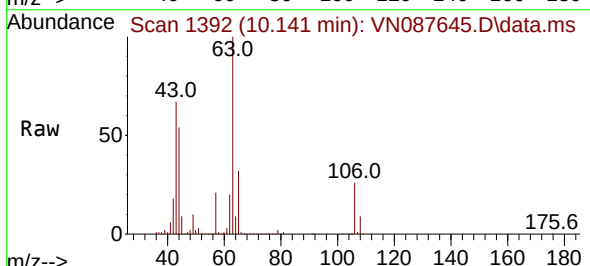
Acq: 22 Aug 2025 16:41

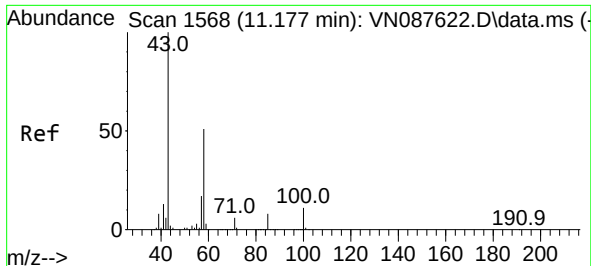
Tgt Ion: 63 Resp: 795905

Ion Ratio Lower Upper

63 100

106 26.7 21.1 31.7

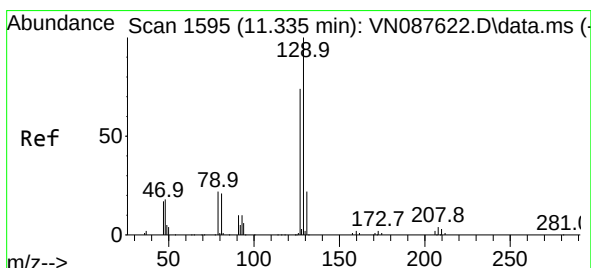
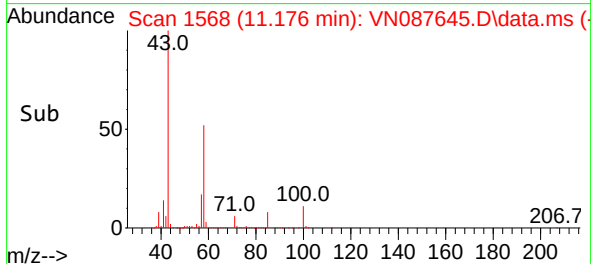
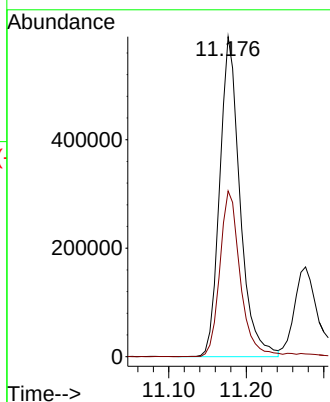
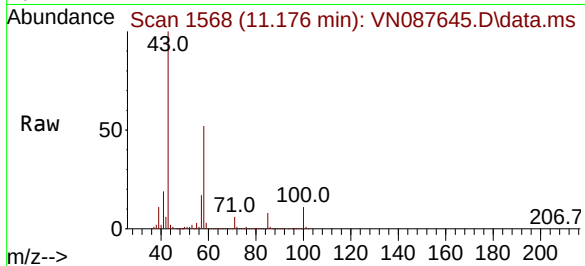




#59
2-Hexanone
Concen: 228.990 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

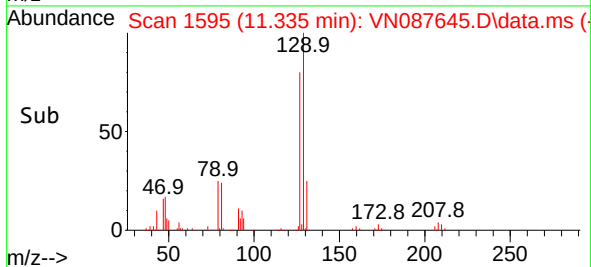
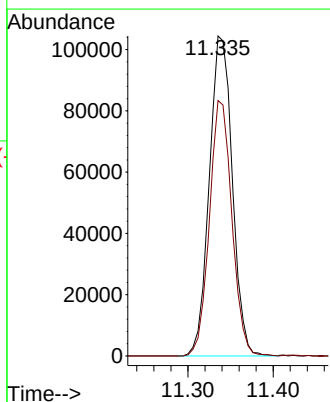
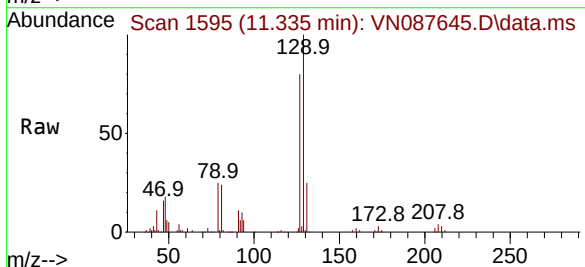
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

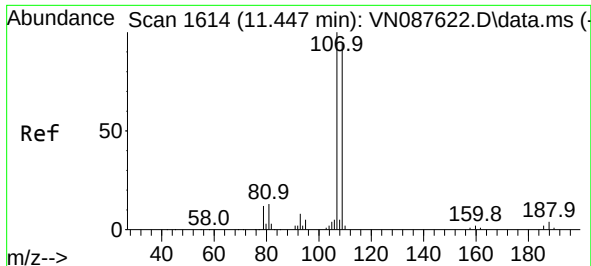
Tgt Ion: 43 Resp: 1072493
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.8



#60
Dibromochloromethane
Concen: 39.962 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 129 Resp: 196090
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3

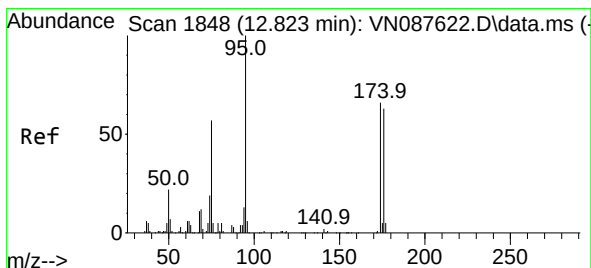
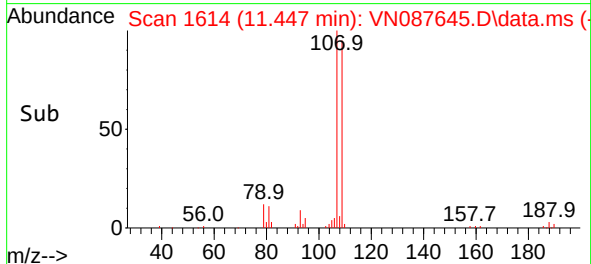
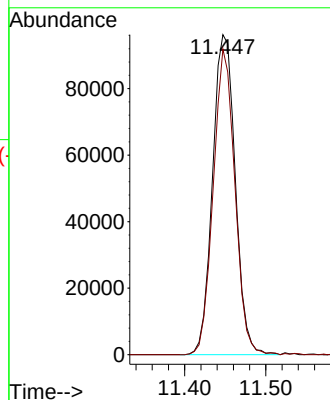
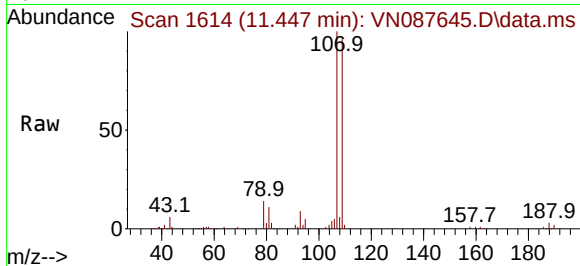




#61
1,2-Dibromoethane
Concen: 41.872 ug/l
RT: 11.447 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

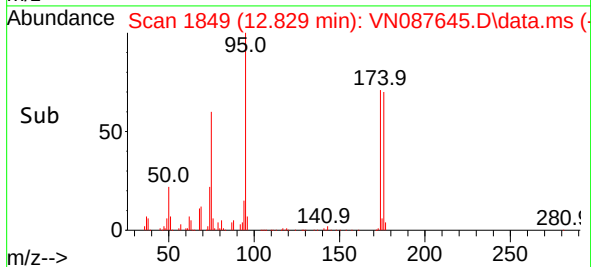
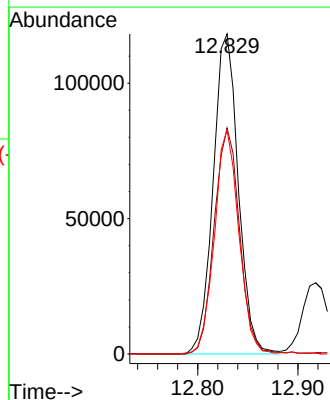
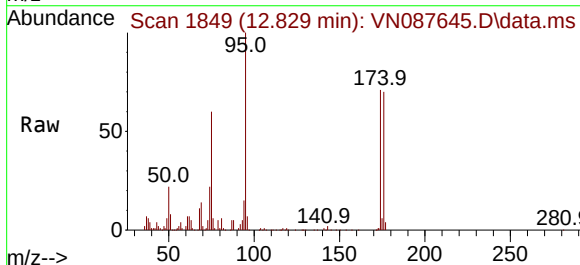
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

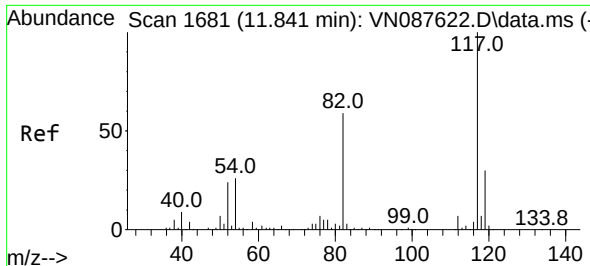
Tgt Ion:107 Resp: 186978
Ion Ratio Lower Upper
107 100
109 91.1 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 41.291 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 95 Resp: 206257
Ion Ratio Lower Upper
95 100
174 70.9 0.0 138.4
176 68.1 0.0 132.6

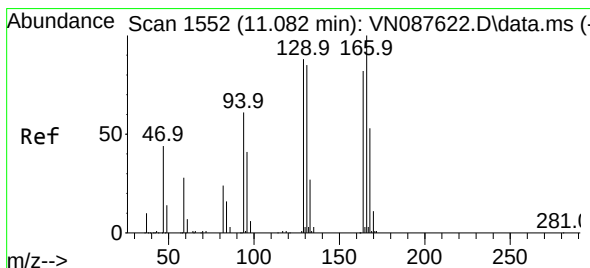
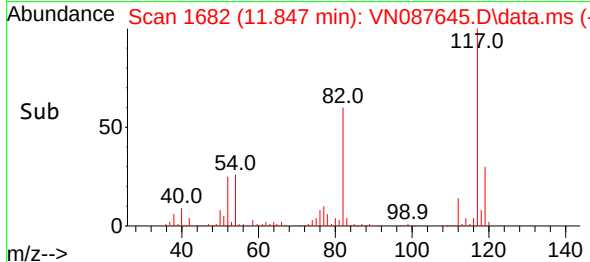
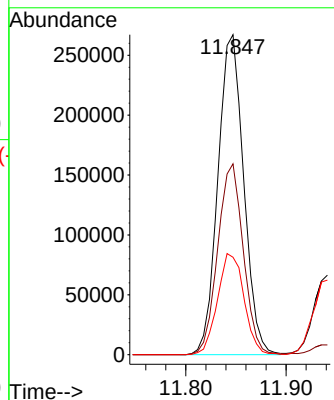
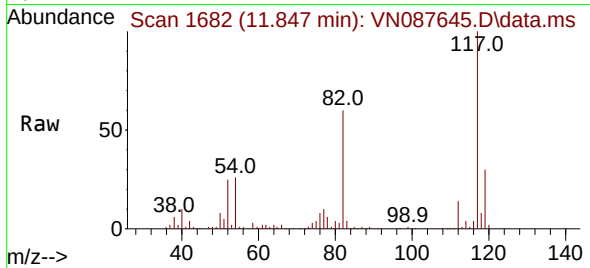




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

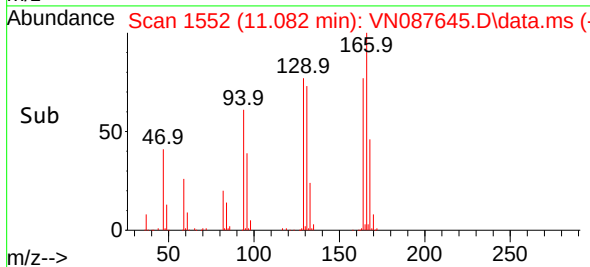
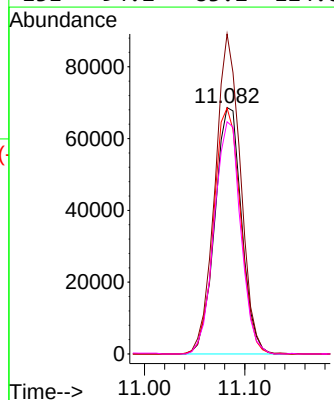
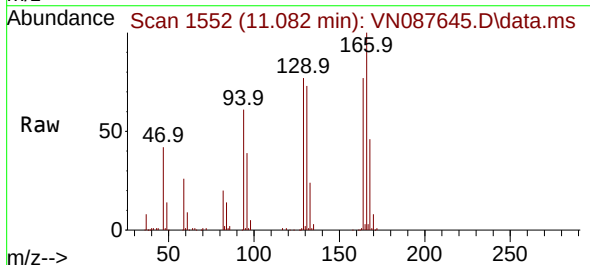
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

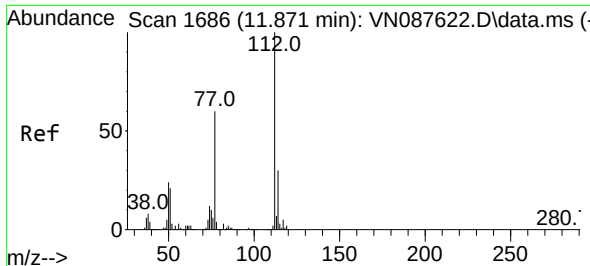
Tgt Ion:117 Resp: 476890
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 30.5 24.3 36.5



#64
Tetrachloroethene
Concen: 38.322 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion:164 Resp: 126792
Ion Ratio Lower Upper
164 100
166 129.9 97.7 146.5
129 99.8 85.9 128.9
131 94.2 83.2 124.8

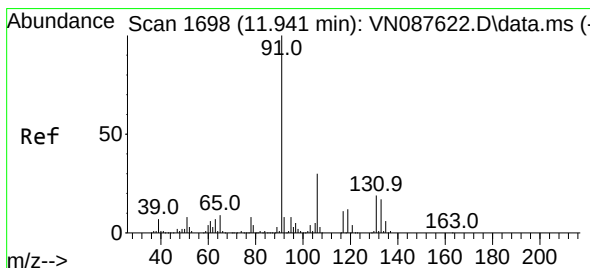
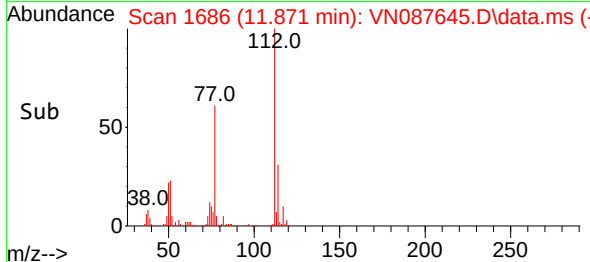
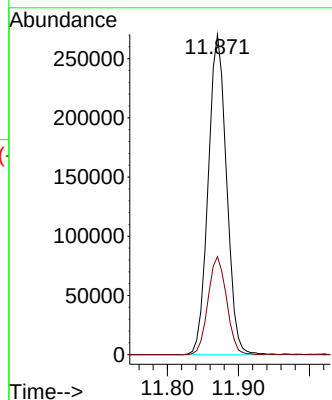
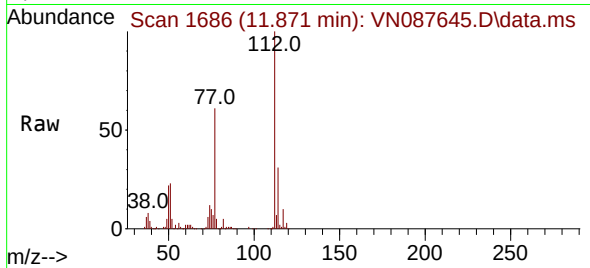




#65
Chlorobenzene
Concen: 40.900 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

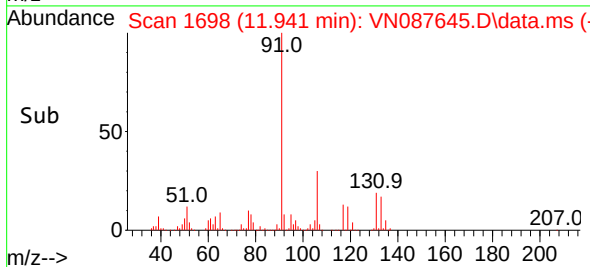
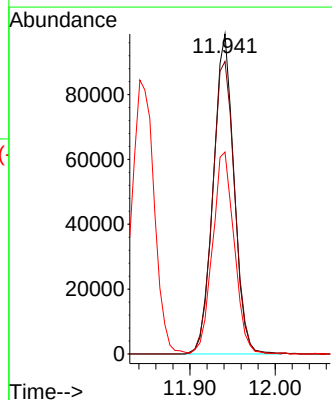
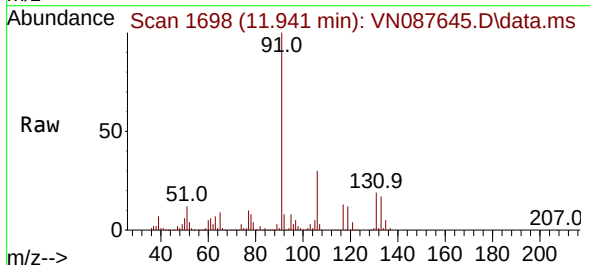
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

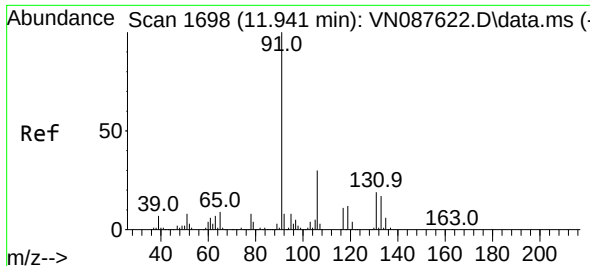
Tgt Ion:112 Resp: 485254
Ion Ratio Lower Upper
112 100
114 30.6 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 42.276 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion:131 Resp: 166515
Ion Ratio Lower Upper
131 100
133 97.5 48.0 144.0
119 65.6 32.6 97.7

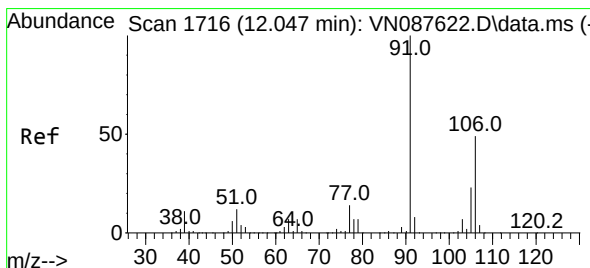
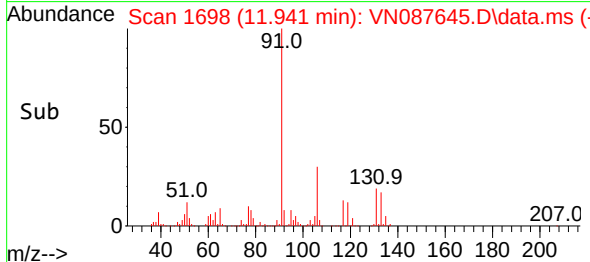
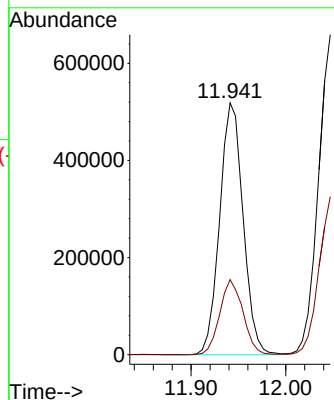
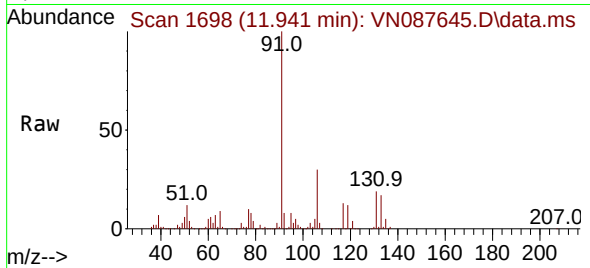




#67
Ethyl Benzene
Concen: 43.456 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

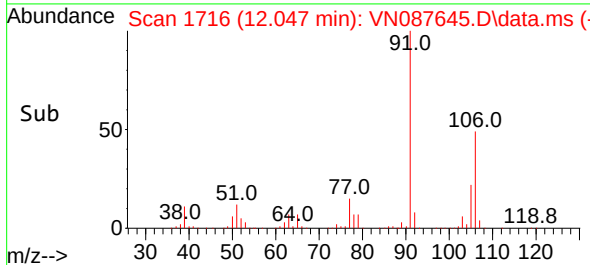
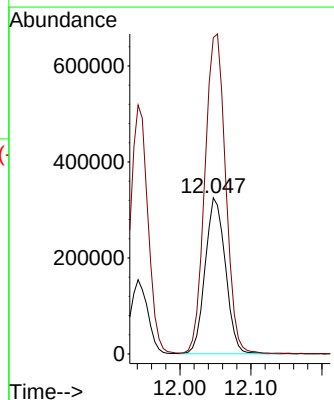
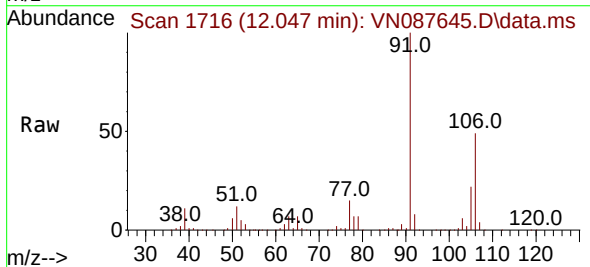
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

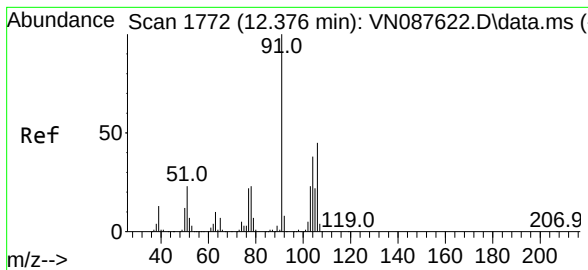
Tgt Ion: 91 Resp: 892685
Ion Ratio Lower Upper
91 100
106 29.8 24.1 36.1



#68
m/p-Xylenes
Concen: 85.701 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 106 Resp: 645648
Ion Ratio Lower Upper
106 100
91 209.5 169.3 253.9

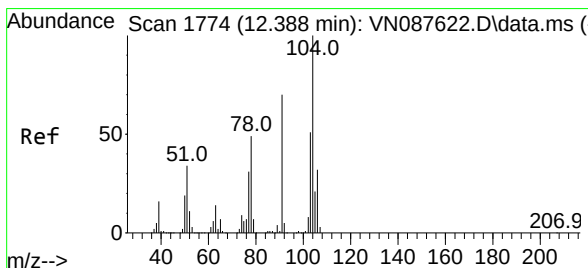
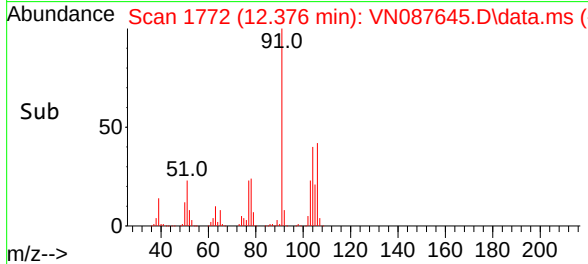
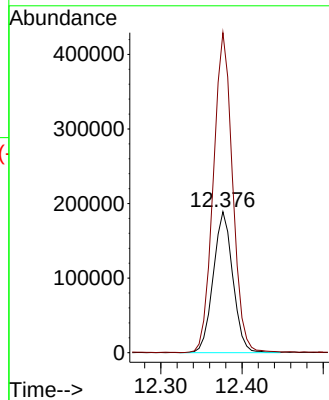
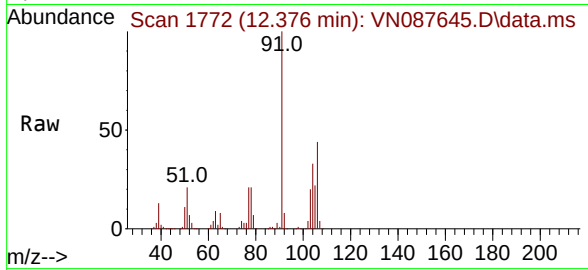




#69
o-Xylene
Concen: 42.905 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

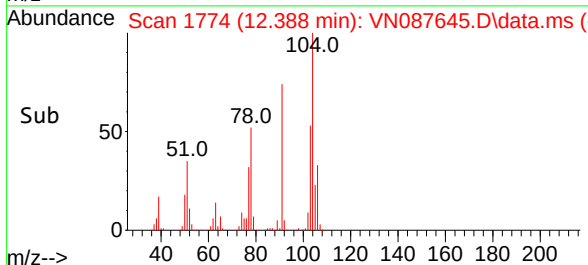
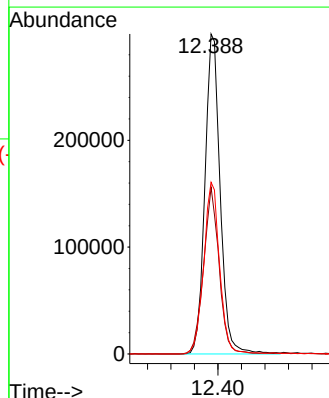
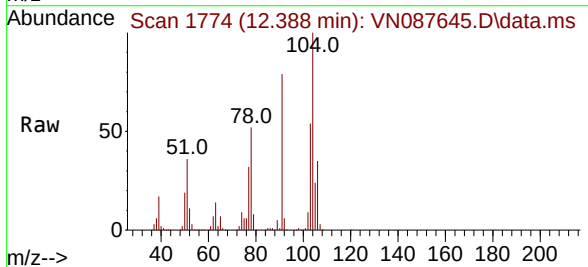
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

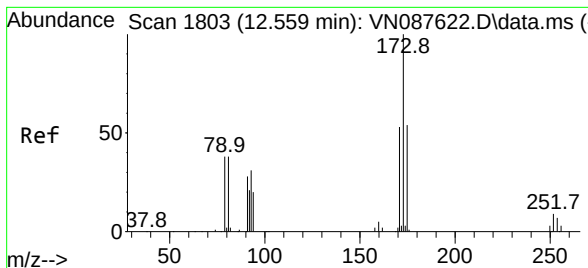
Tgt Ion:106 Resp: 316767
Ion Ratio Lower Upper
106 100
91 223.3 111.4 334.2



#70
Styrene
Concen: 43.691 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion:104 Resp: 540408
Ion Ratio Lower Upper
104 100
78 52.9 42.2 63.2
103 56.0 43.4 65.2

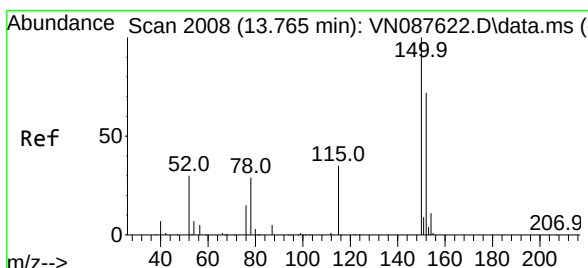
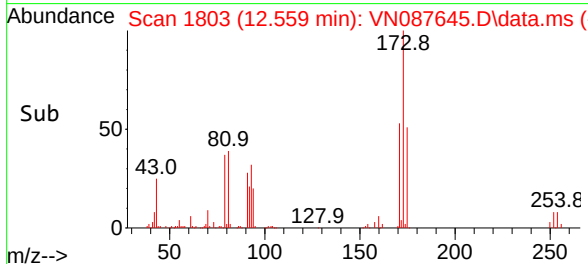
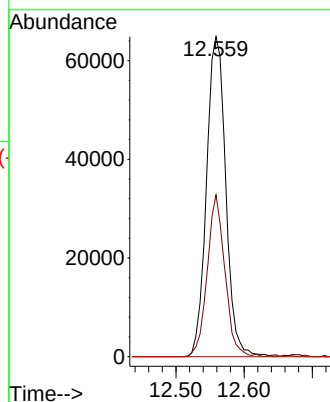
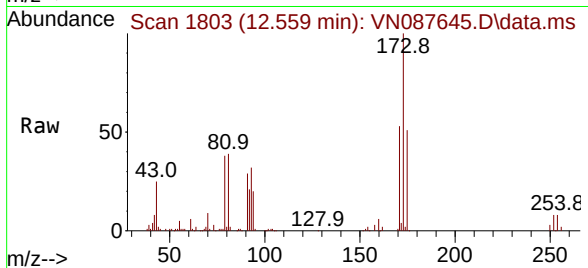




#71
Bromoform
Concen: 42.243 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

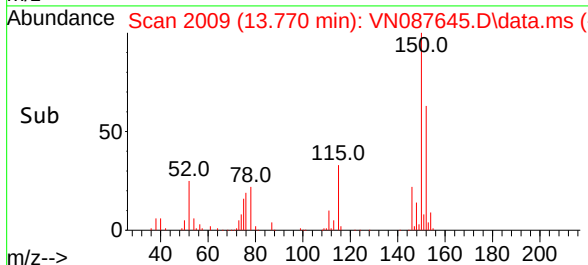
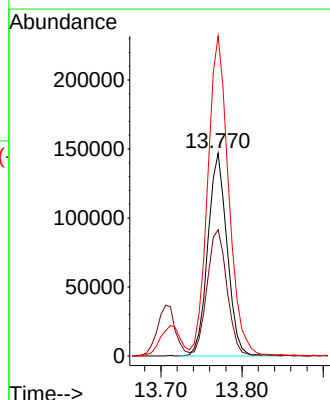
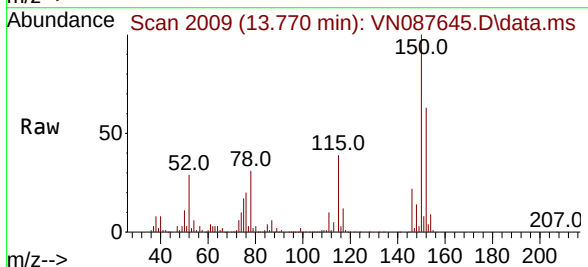
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

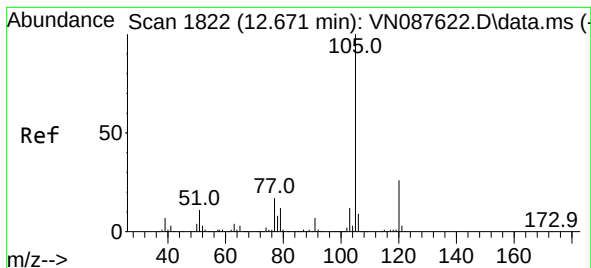
Tgt Ion:173 Resp: 127606
Ion Ratio Lower Upper
173 100
175 46.4 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion:152 Resp: 241574
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 172.0 0.0 351.0

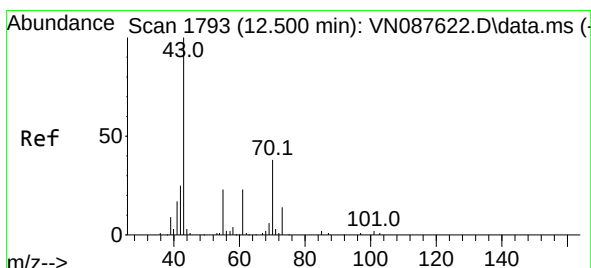
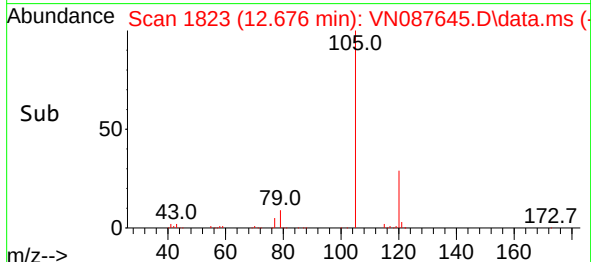
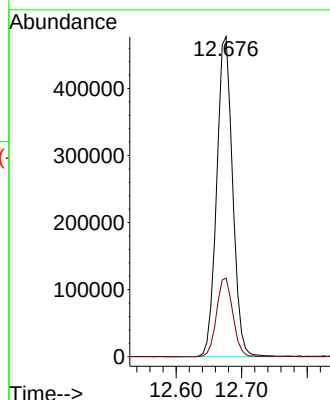
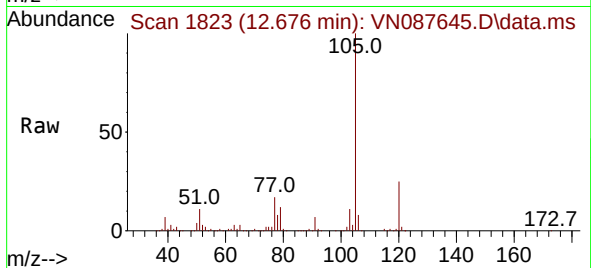




#73
Isopropylbenzene
Concen: 41.102 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

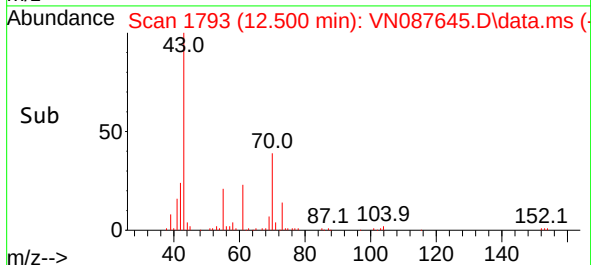
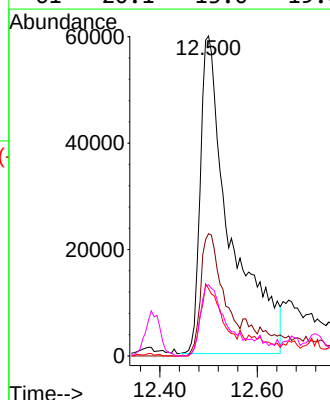
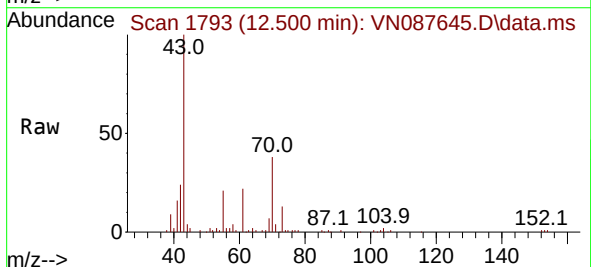
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

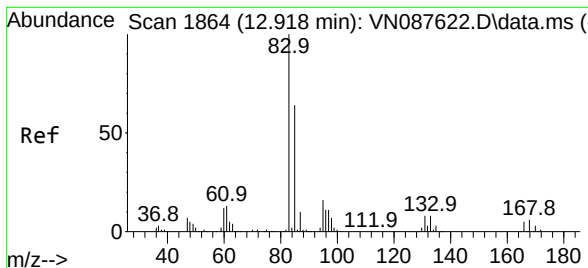
Tgt Ion:105 Resp: 802341
Ion Ratio Lower Upper
105 100
120 25.1 12.8 38.3



#74
N-ethyl acetate
Concen: 34.536 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 43 Resp: 255486
Ion Ratio Lower Upper
43 100
70 29.4 27.6 41.4
55 16.4 13.0 19.6
61 20.1 13.0 19.6#

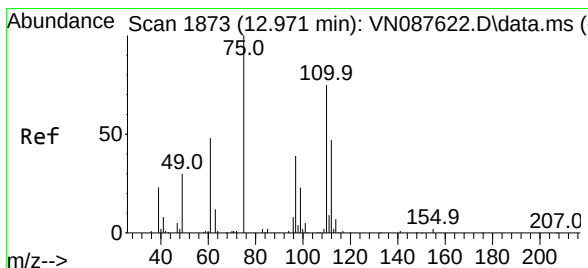
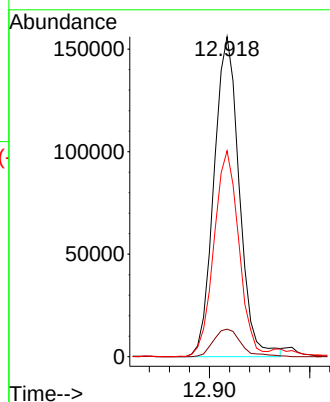
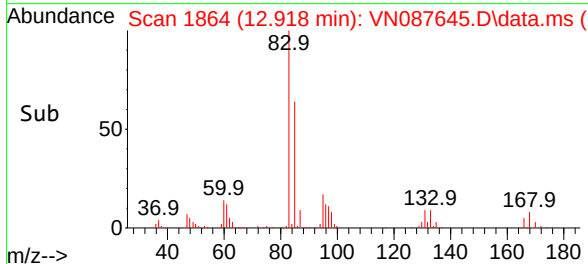
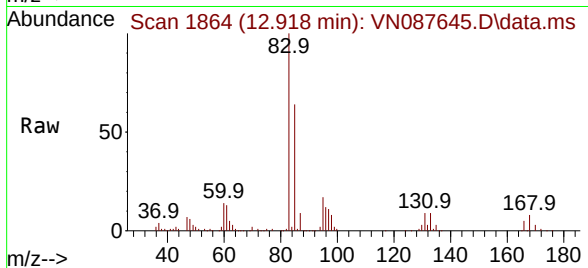




#75
1,1,2,2-Tetrachloroethane
Concen: 40.652 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

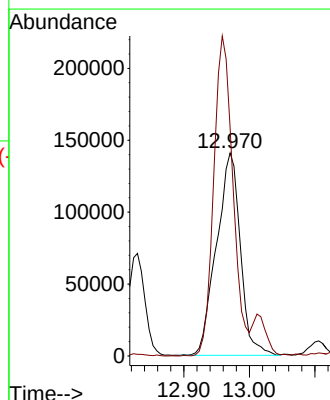
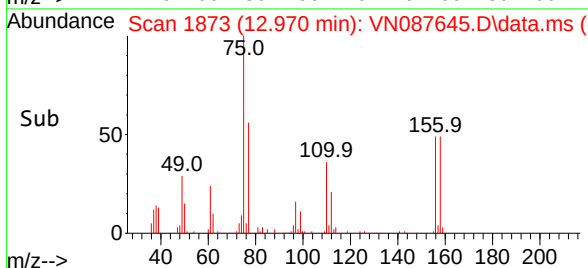
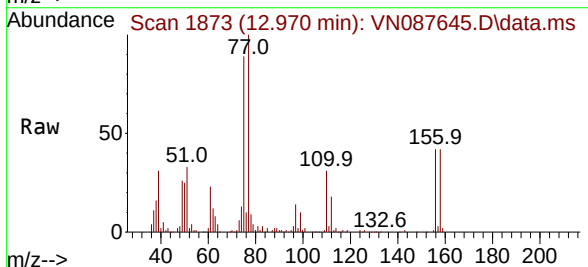
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

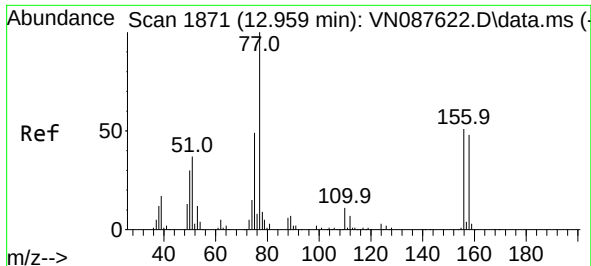
Tgt Ion: 83 Resp: 273213
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 63.5 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 62.678 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 75 Resp: 355074
Ion Ratio Lower Upper
75 100
77 127.5 89.1 267.4

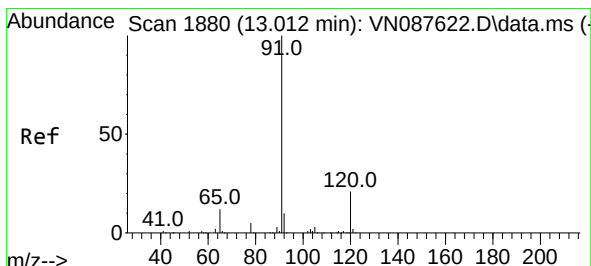
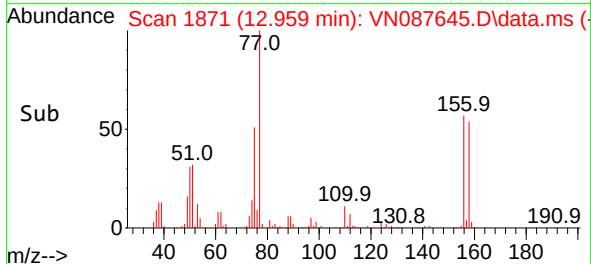
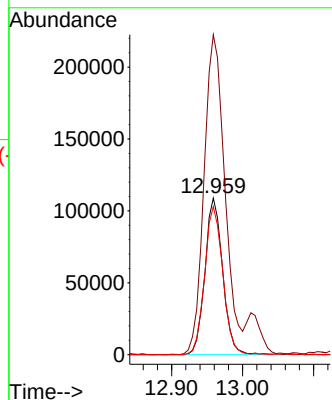
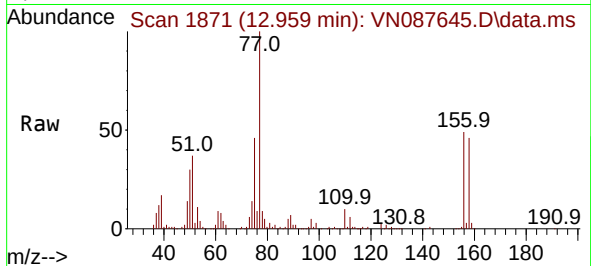




#77
Bromobenzene
Concen: 41.018 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

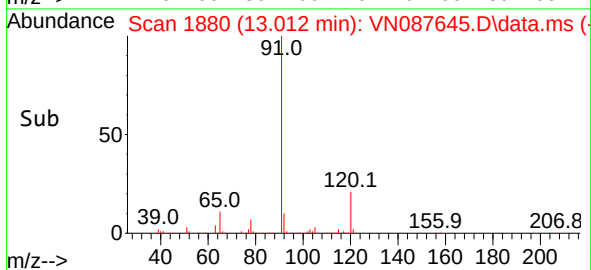
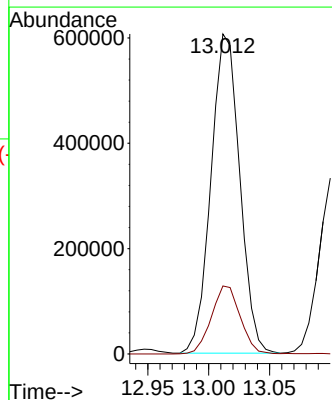
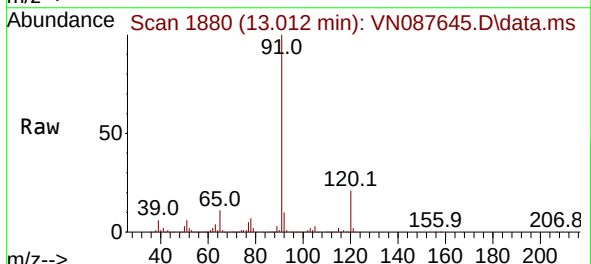
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

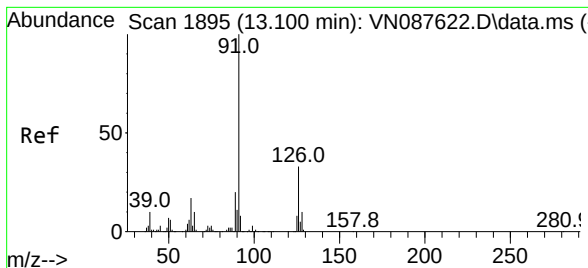
Tgt Ion:156 Resp: 188790
Ion Ratio Lower Upper
156 100
77 239.7 119.3 358.0
158 97.0 48.2 144.6



#78
n-propylbenzene
Concen: 41.439 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 91 Resp: 996393
Ion Ratio Lower Upper
91 100
120 21.5 10.7 32.1

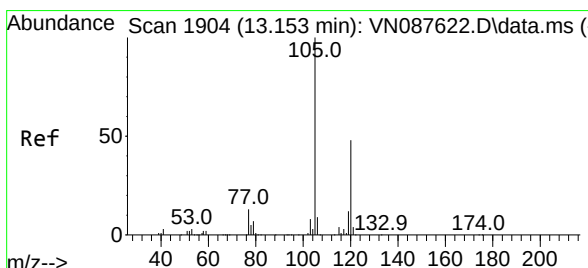
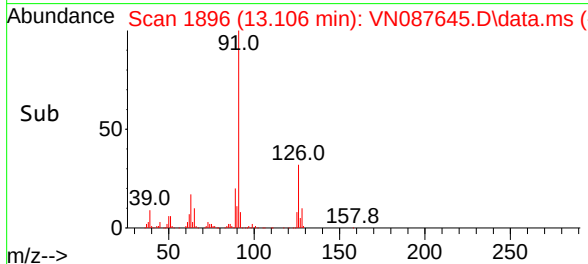
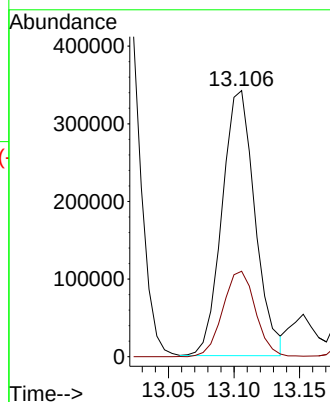
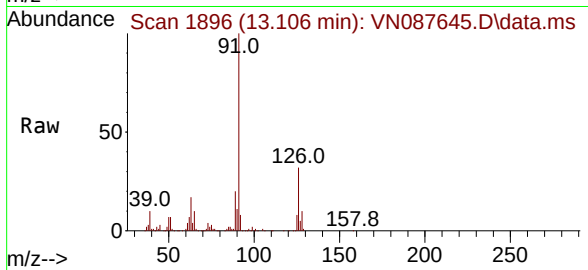




#79
2-Chlorotoluene
Concen: 41.301 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

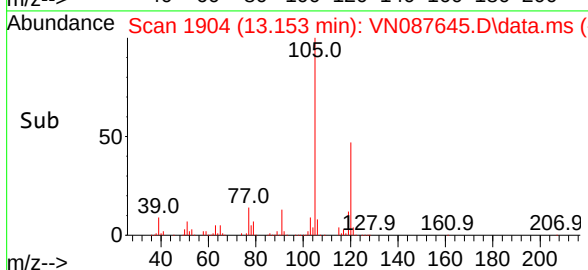
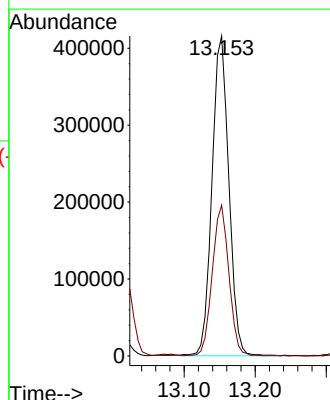
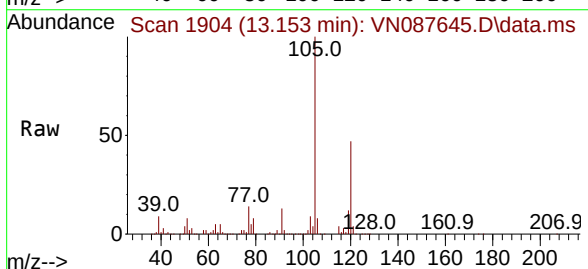
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

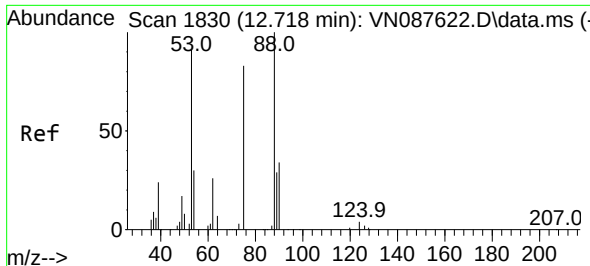
Tgt Ion: 91 Resp: 597622
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 41.237 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 105 Resp: 682876
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.6

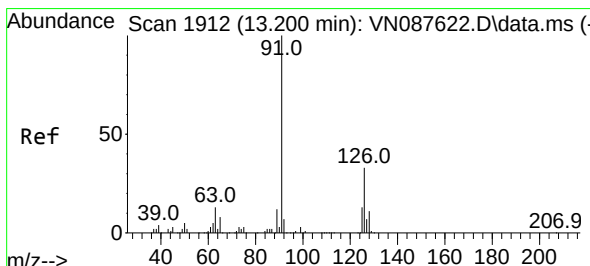
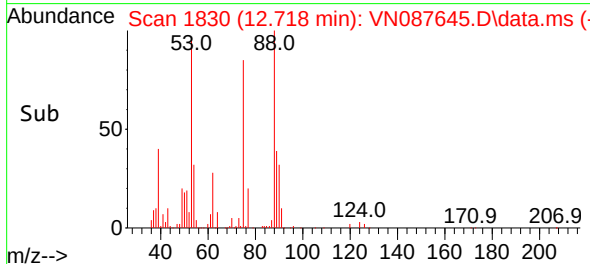
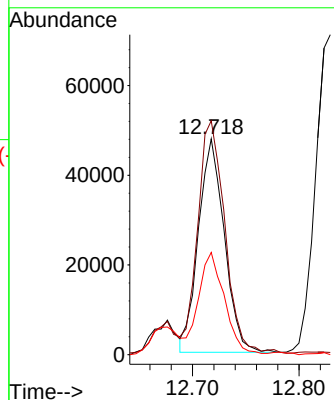
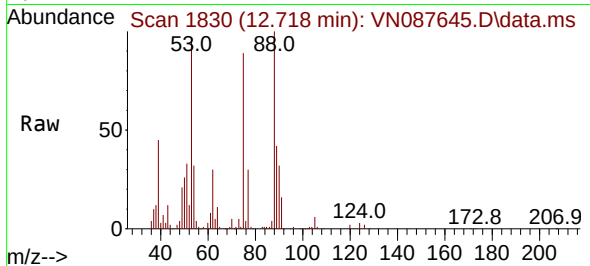




#81
trans-1,4-Dichloro-2-butene
Concen: 37.652 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

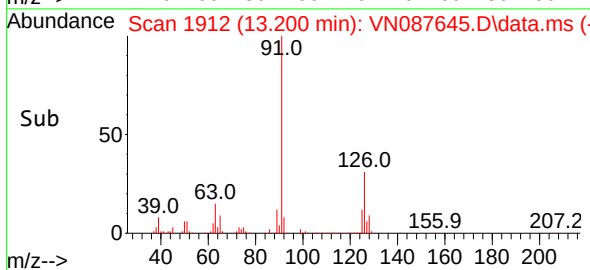
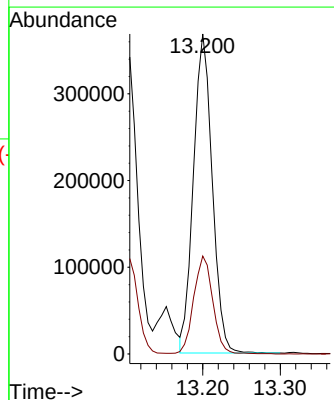
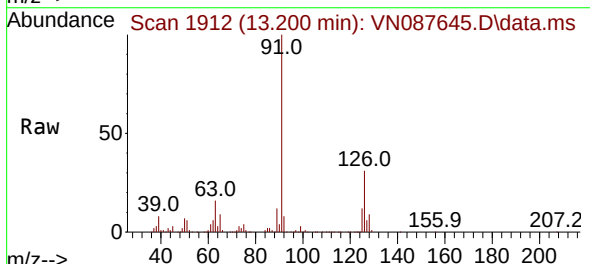
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

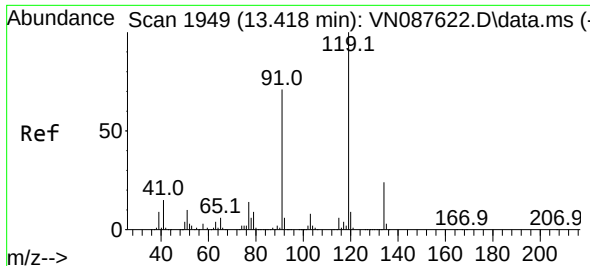
Tgt Ion: 75 Resp: 80571
Ion Ratio Lower Upper
75 100
53 114.0 101.8 152.6
89 47.8 35.6 53.4



#82
4-Chlorotoluene
Concen: 40.687 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 91 Resp: 618983
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.8

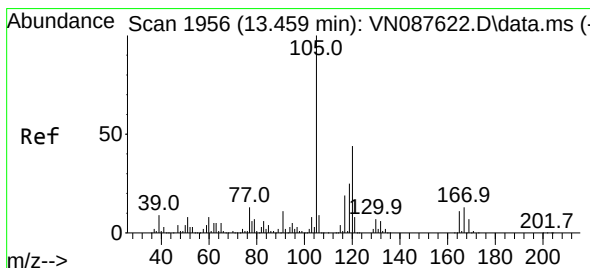
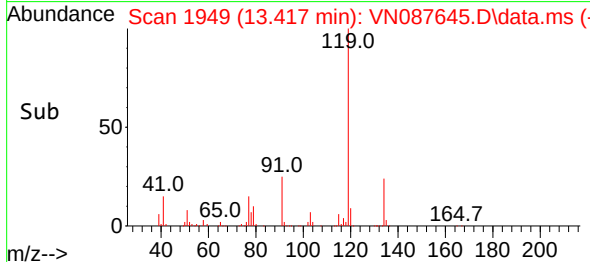
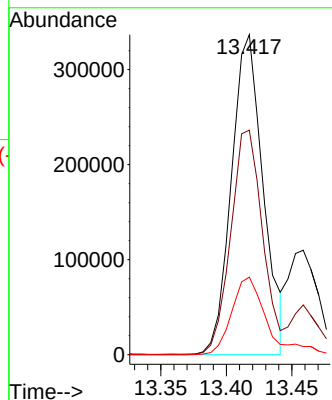
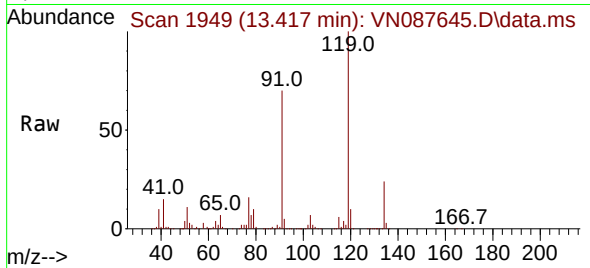




#83
tert-Butylbenzene
Concen: 41.112 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

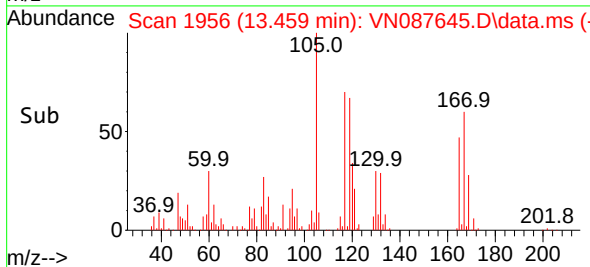
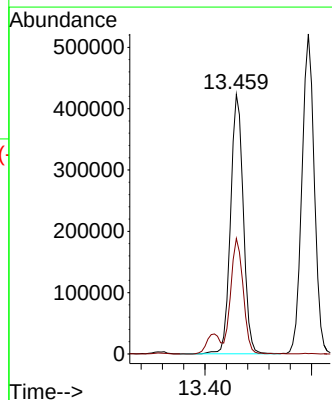
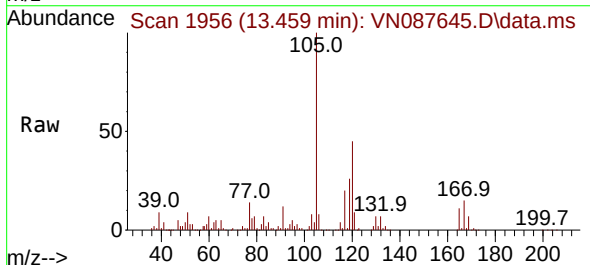
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

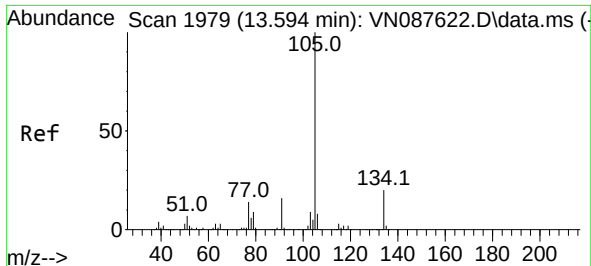
Tgt Ion:119 Resp: 567327
Ion Ratio Lower Upper
119 100
91 70.2 35.0 105.0
134 26.8 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 42.367 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion:105 Resp: 702335
Ion Ratio Lower Upper
105 100
120 42.9 22.0 66.0

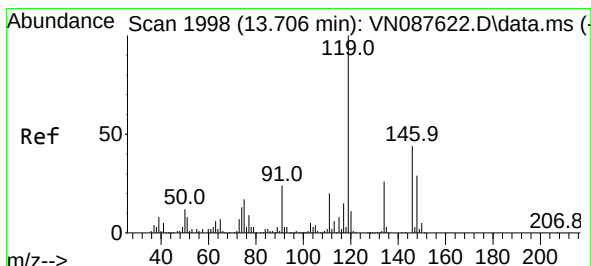
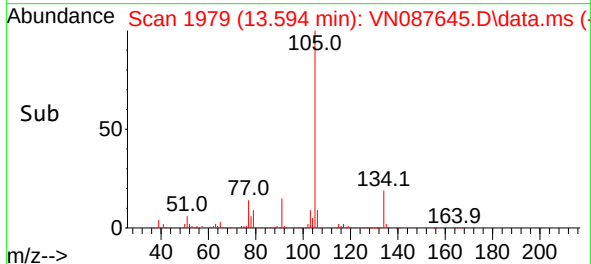
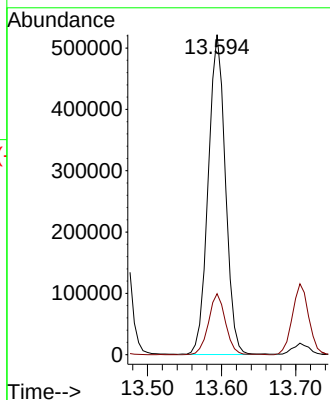
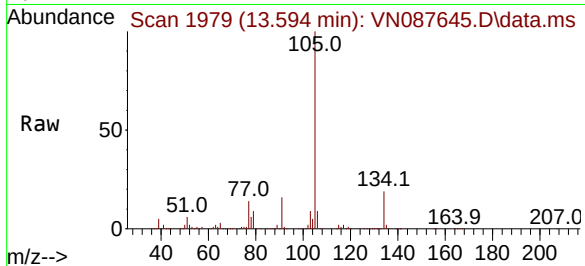




#85
 sec-Butylbenzene
 Concen: 40.957 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087645.D
 Acq: 22 Aug 2025 16:41

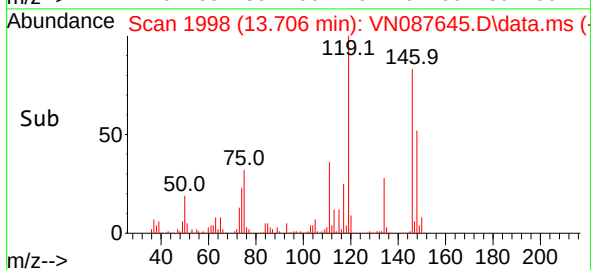
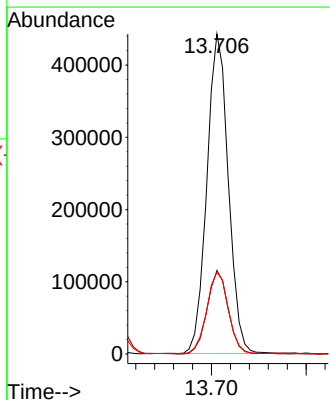
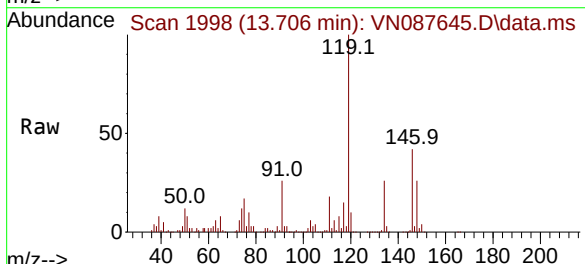
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

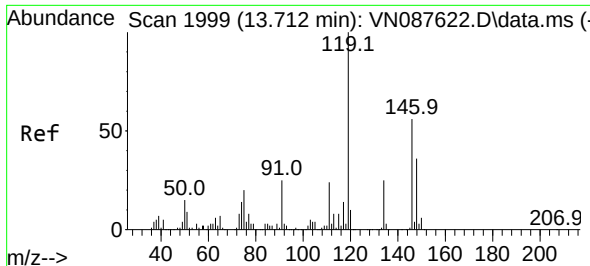
Tgt Ion:105 Resp: 838744
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 40.992 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087645.D
 Acq: 22 Aug 2025 16:41

Tgt Ion:119 Resp: 693182
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.0
 91 25.8 12.5 37.5

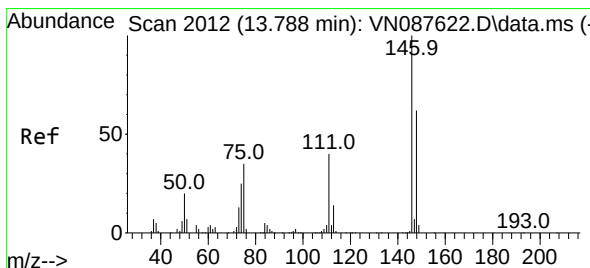
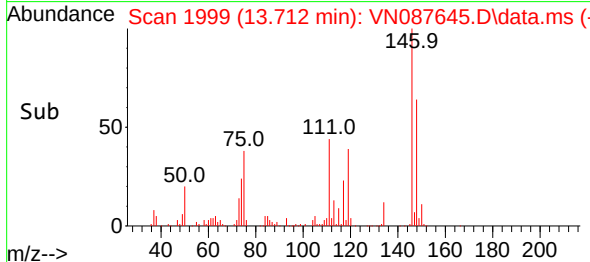
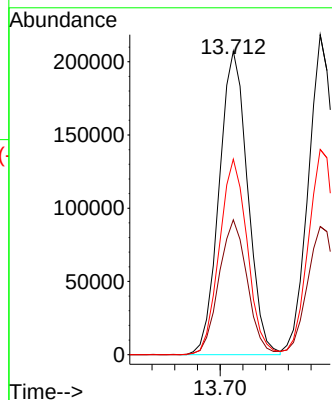
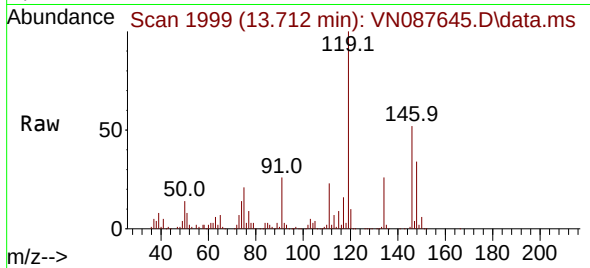




#87
 1,3-Dichlorobenzene
 Concen: 39.834 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087645.D
 Acq: 22 Aug 2025 16:41

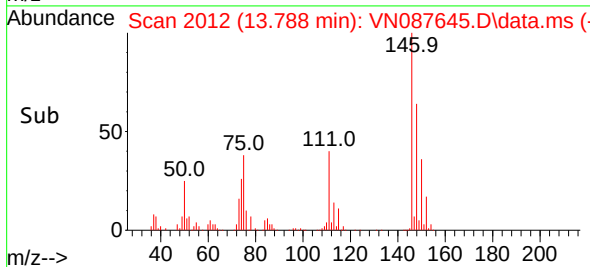
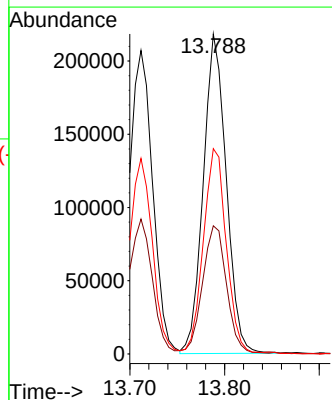
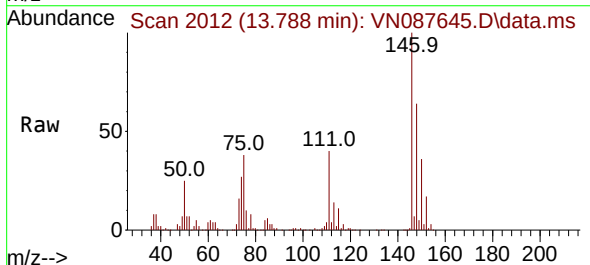
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

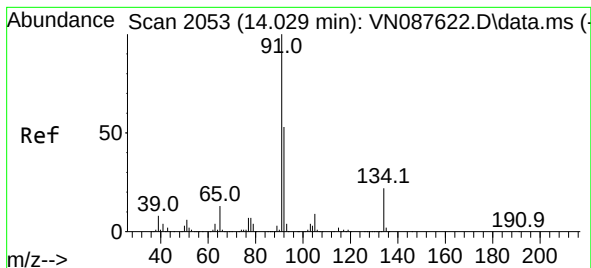
Tgt Ion:146 Resp: 361049
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.1 66.5
 148 63.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 38.852 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087645.D
 Acq: 22 Aug 2025 16:41

Tgt Ion:146 Resp: 366474
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.0 63.0
 148 65.0 32.0 96.0





#89

n-Butylbenzene

Concen: 40.711 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087645.D

Acq: 22 Aug 2025 16:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

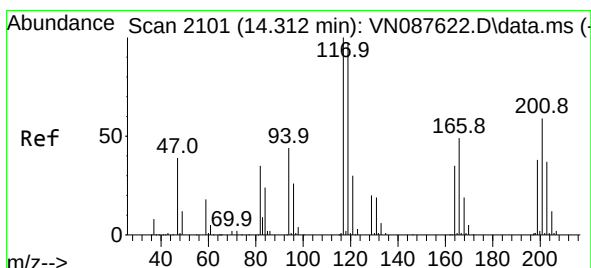
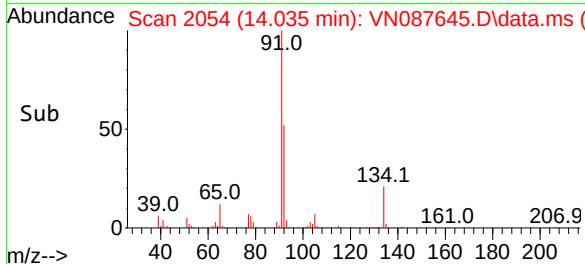
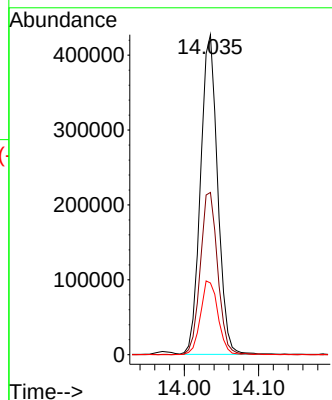
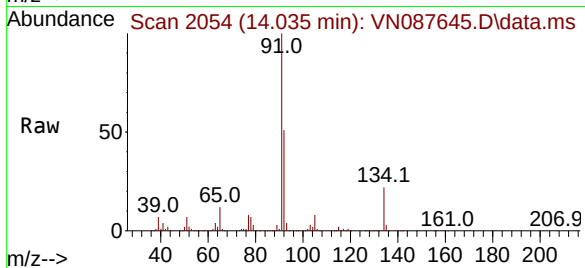
Tgt Ion: 91 Resp: 683714

Ion Ratio Lower Upper

91 100

92 51.8 25.9 77.8

134 23.6 11.7 35.0



#90

Hexachloroethane

Concen: 39.650 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087645.D

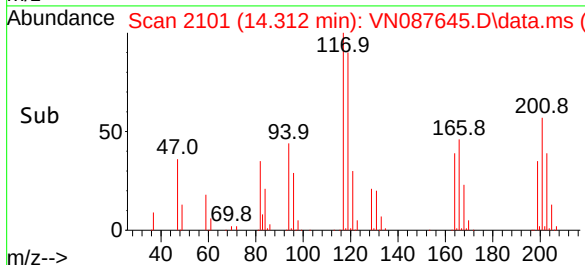
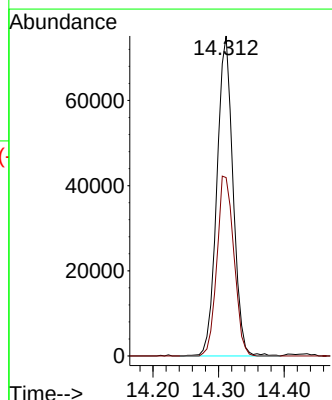
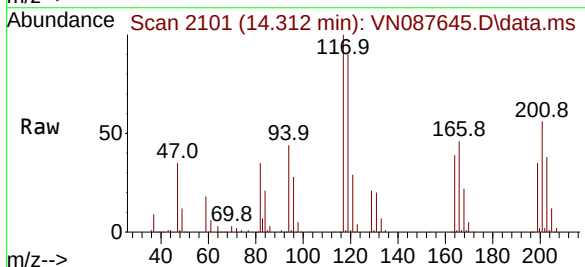
Acq: 22 Aug 2025 16:41

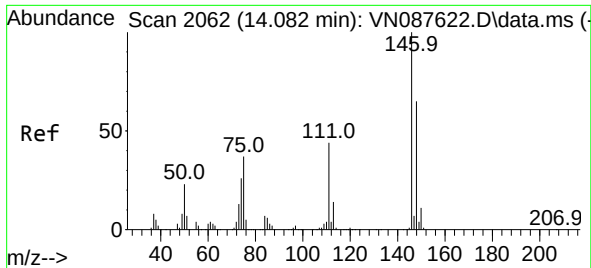
Tgt Ion: 117 Resp: 127737

Ion Ratio Lower Upper

117 100

201 59.2 29.1 87.4

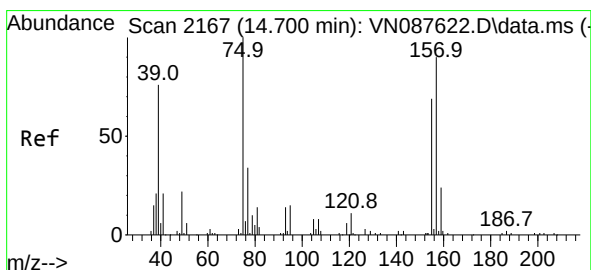
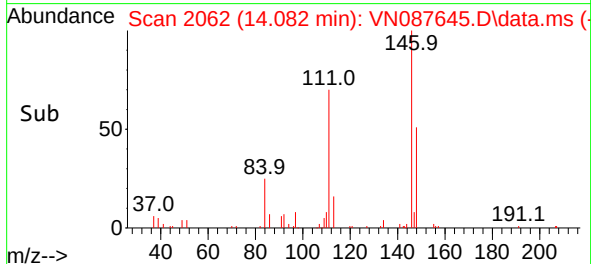
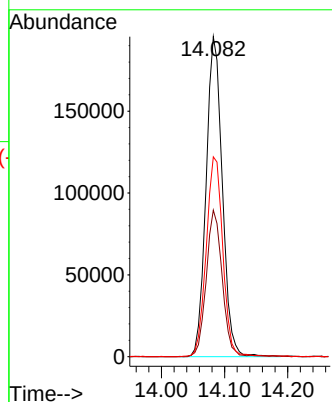
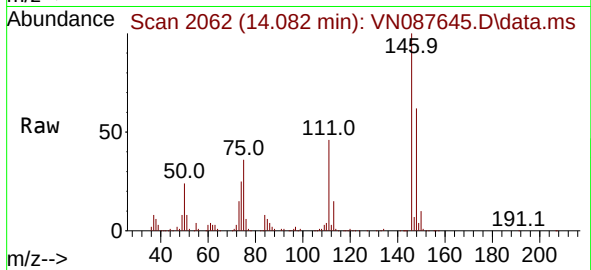




#91
1,2-Dichlorobenzene
Concen: 40.514 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

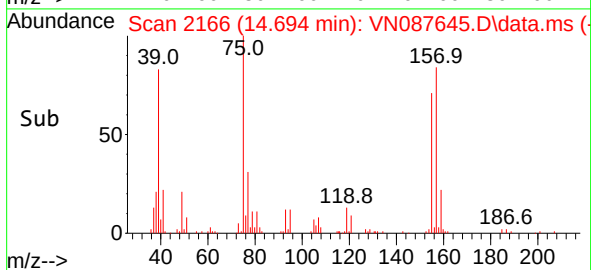
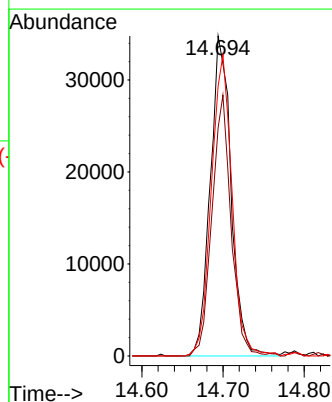
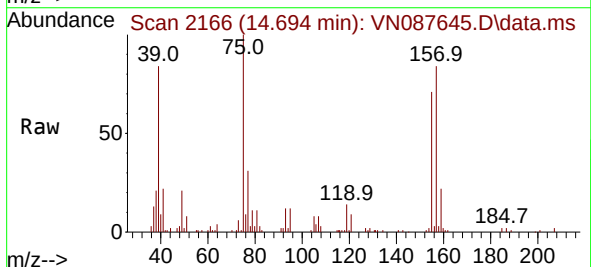
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

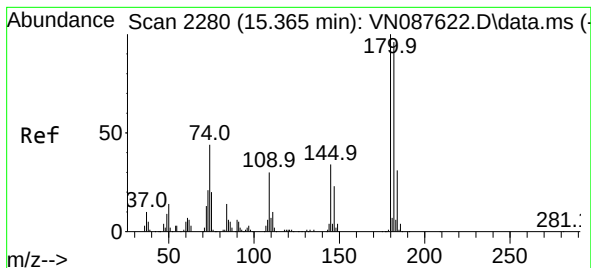
Tgt Ion:146 Resp: 348382
Ion Ratio Lower Upper
146 100
111 45.3 22.6 67.8
148 63.8 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 38.856 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion: 75 Resp: 62035
Ion Ratio Lower Upper
75 100
155 74.6 36.6 109.9
157 93.4 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 39.145 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087645.D

Acq: 22 Aug 2025 16:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

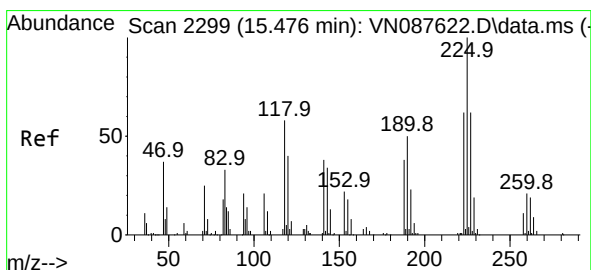
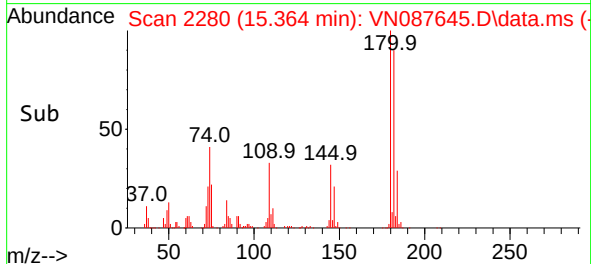
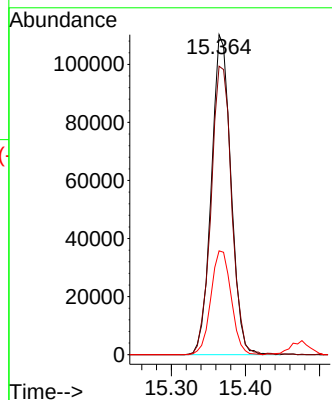
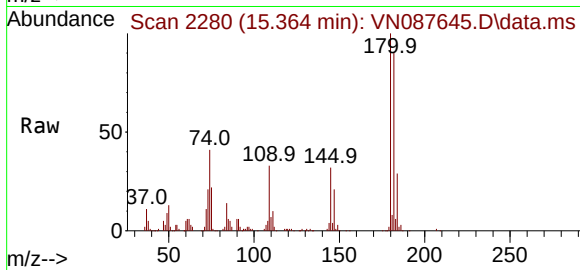
Tgt Ion:180 Resp: 202131

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.9

145 33.7 16.5 49.5



#94

Hexachlorobutadiene

Concen: 37.465 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN087645.D

Acq: 22 Aug 2025 16:41

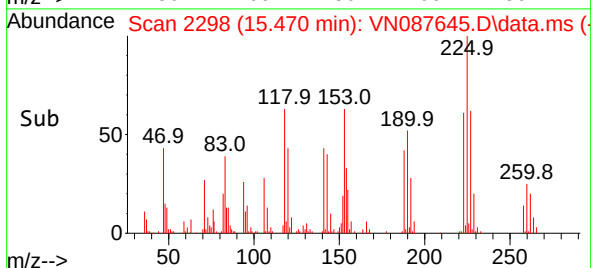
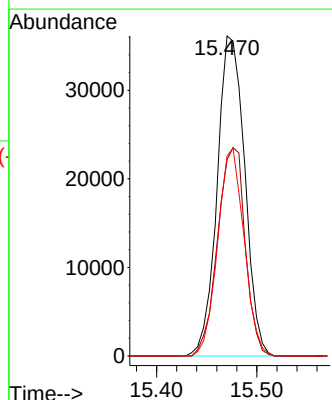
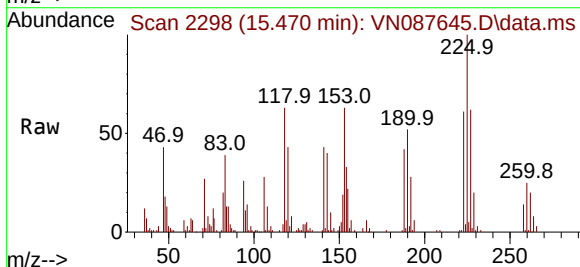
Tgt Ion:225 Resp: 68968

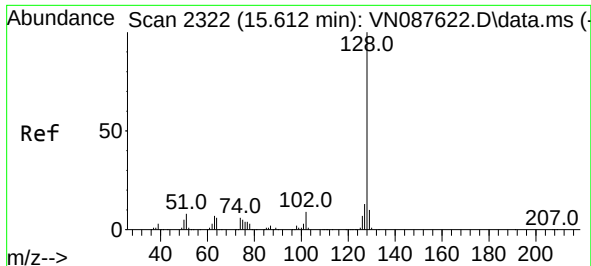
Ion Ratio Lower Upper

225 100

223 65.0 32.0 96.2

227 62.2 32.1 96.5

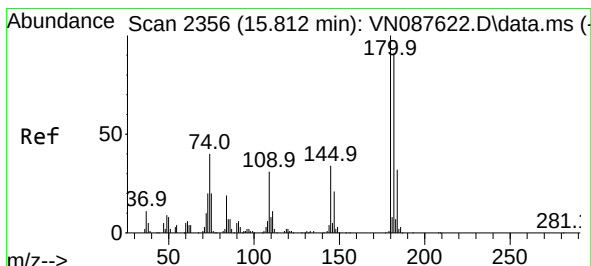
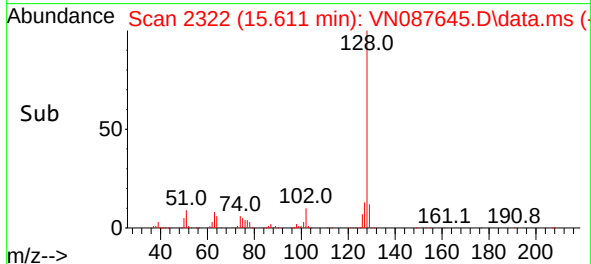
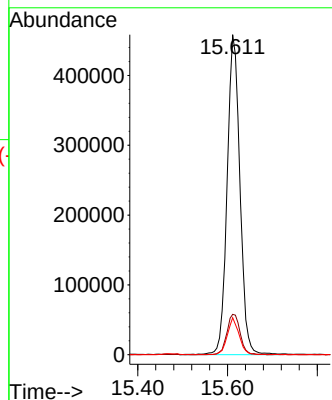
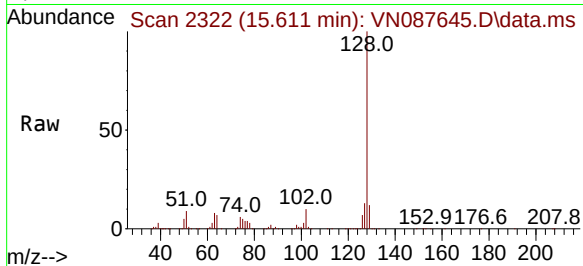




#95
Naphthalene
Concen: 49.787 ug/l
RT: 15.611 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 910590
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 39.015 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087645.D
Acq: 22 Aug 2025 16:41

Tgt Ion:180 Resp: 196947
Ion Ratio Lower Upper
180 100
182 95.4 46.8 140.3
145 36.0 17.3 52.0

