

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070125\
 Data File : VN087248.D
 Acq On : 01 Jul 2025 09:25
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 02 01:56:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	221787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	357060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	335097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	189617	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	128145	46.036	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.080%
35) Dibromofluoromethane	8.171	113	111703	48.858	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.720%
50) Toluene-d8	10.565	98	439891	49.362	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.847	95	161537	50.946	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	116562	54.005	ug/l	99
3) Chloromethane	2.395	50	89010	50.787	ug/l	97
4) Vinyl Chloride	2.553	62	115858	53.769	ug/l	99
5) Bromomethane	2.989	94	92792	47.192	ug/l	97
6) Chloroethane	3.153	64	86194	50.502	ug/l	98
7) Trichlorofluoromethane	3.530	101	195119	52.185	ug/l	98
8) Diethyl Ether	3.983	74	64664	54.194	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.395	101	116994	53.894	ug/l	98
10) Methyl Iodide	4.612	142	121704	56.501	ug/l	95
11) Tert butyl alcohol	5.542	59	126211	248.789	ug/l	100
12) 1,1-Dichloroethene	4.365	96	110286	53.478	ug/l	98
13) Acrolein	4.200	56	98912	281.509	ug/l	98
14) Allyl chloride	5.047	41	131316	51.956	ug/l	99
15) Acrylonitrile	5.736	53	311144	246.361	ug/l	99
16) Acetone	4.442	43	316772	297.663	ug/l	96
17) Carbon Disulfide	4.736	76	309561	50.031	ug/l	98
18) Methyl Acetate	5.047	43	118878	48.796	ug/l	97
19) Methyl tert-butyl Ether	5.818	73	370379	51.244	ug/l	98
20) Methylene Chloride	5.294	84	119294	50.603	ug/l	98
21) trans-1,2-Dichloroethene	5.812	96	123035	49.372	ug/l	97
22) Diisopropyl ether	6.689	45	305166	50.429	ug/l	95
23) Vinyl Acetate	6.618	43	1437222	256.808	ug/l	100
24) 1,1-Dichloroethane	6.588	63	199920	50.424	ug/l	97
25) 2-Butanone	7.494	43	419949	252.513	ug/l	98
26) 2,2-Dichloropropane	7.500	77	201275	53.052	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	148588	51.631	ug/l	98
28) Bromochloromethane	7.824	49	86932	49.675	ug/l	98
29) Tetrahydrofuran	7.847	42	271490	253.331	ug/l	99
30) Chloroform	7.977	83	223536	50.866	ug/l	100
31) Cyclohexane	8.265	56	171873	45.339	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	205845	50.296	ug/l	96
36) 1,1-Dichloropropene	8.377	75	160706	51.689	ug/l	98
37) Ethyl Acetate	7.571	43	167000	49.967	ug/l	100
38) Carbon Tetrachloride	8.365	117	190266	54.007	ug/l	98
39) Methylcyclohexane	9.606	83	198994	53.745	ug/l	96
40) Benzene	8.612	78	500883	52.001	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	82782	51.803	ug/l	99
42) 1,2-Dichloroethane	8.677	62	166638	52.021	ug/l	99
43) Isopropyl Acetate	8.688	43	269653	52.025	ug/l	99
44) Trichloroethene	9.353	130	136381	53.285	ug/l	99
45) 1,2-Dichloropropane	9.624	63	111478	53.081	ug/l	93
46) Dibromomethane	9.712	93	91558	51.247	ug/l	99
47) Bromodichloromethane	9.888	83	178034	52.249	ug/l	99
48) Methyl methacrylate	9.682	41	113167	51.804	ug/l	99
49) 1,4-Dioxane	9.706	88	43760	962.424	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	860785	271.430	ug/l	99
52) Toluene	10.629	92	341286	54.026	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	198388	54.283	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	202898	54.489	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	126969	53.207	ug/l	100
56) Ethyl methacrylate	10.876	69	189705	54.261	ug/l	99
57) 1,3-Dichloropropane	11.165	76	204433	52.489	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	564398	305.448	ug/l	99
59) 2-Hexanone	11.200	43	579604	255.151	ug/l	99
60) Dibromochloromethane	11.359	129	155595	55.312	ug/l	100
61) 1,2-Dibromoethane	11.471	107	139140	54.205	ug/l	100
64) Tetrachloroethene	11.106	164	121438	54.353	ug/l	93
65) Chlorobenzene	11.888	112	389324	51.778	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	138732	53.434	ug/l	100
67) Ethyl Benzene	11.965	91	664351	54.603	ug/l	98
68) m/p-Xylenes	12.070	106	538159	110.707	ug/l	100
69) o-Xylene	12.394	106	256836	56.481	ug/l	98
70) Styrene	12.412	104	439030	56.810	ug/l	99
71) Bromoform	12.576	173	117743	58.782	ug/l #	98
73) Isopropylbenzene	12.694	105	658569	53.903	ug/l	100
74) N-amyl acetate	12.512	43	176295	43.878	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.935	83	201930	50.247	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	275062	76.265	ug/l	68
77) Bromobenzene	12.976	156	170698	53.522	ug/l	99
78) n-propylbenzene	13.035	91	794711	53.849	ug/l	100
79) 2-Chlorotoluene	13.123	91	458589	52.212	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	555097	54.355	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	76274	49.675	ug/l	95
82) 4-Chlorotoluene	13.217	91	486553	52.919	ug/l	99
83) tert-Butylbenzene	13.435	119	487158	54.447	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	571966	55.911	ug/l	100
85) sec-Butylbenzene	13.612	105	693208	54.658	ug/l	100
86) p-Isopropyltoluene	13.723	119	607995	55.772	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	332440	52.340	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	334223	50.396	ug/l	99
89) n-Butylbenzene	14.053	91	526727	54.878	ug/l	99
90) Hexachloroethane	14.329	117	106977	53.015	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	309412	52.088	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	46924	48.587	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	187298	53.320	ug/l	97
94) Hexachlorobutadiene	15.494	225	53680	48.107	ug/l	98
95) Naphthalene	15.635	128	645036	53.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	180730	52.811	ug/l	98

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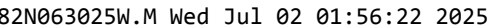
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MSVOA_N
ClientSampleId :
VSTDCCC050

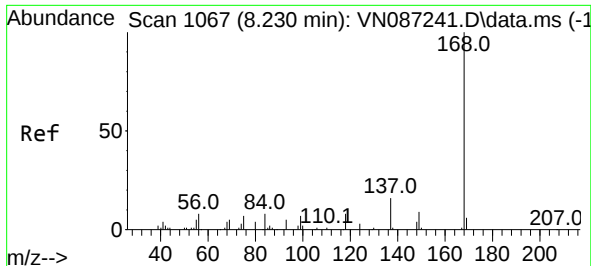
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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:15:00 2025
Response via : Initial Calibration

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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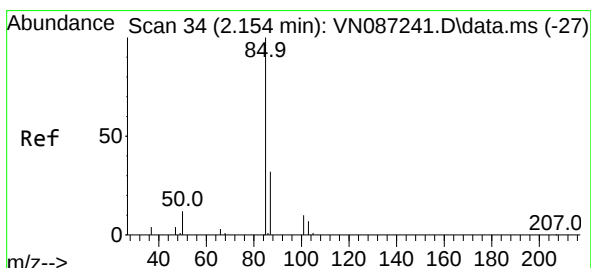
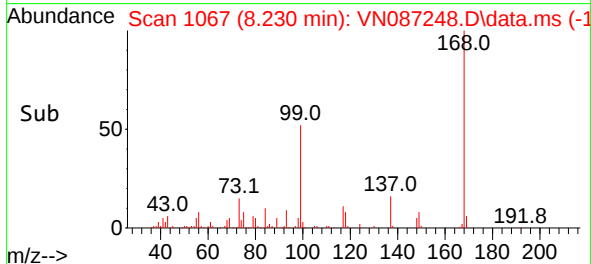
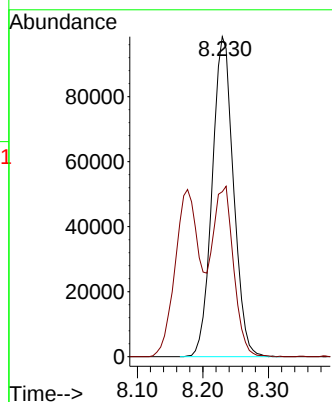
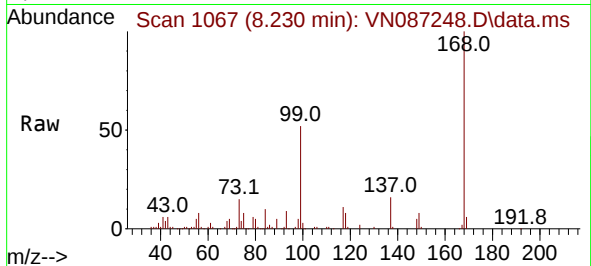




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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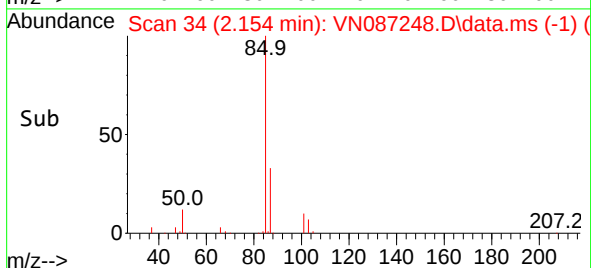
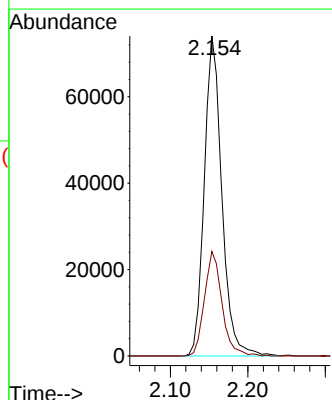
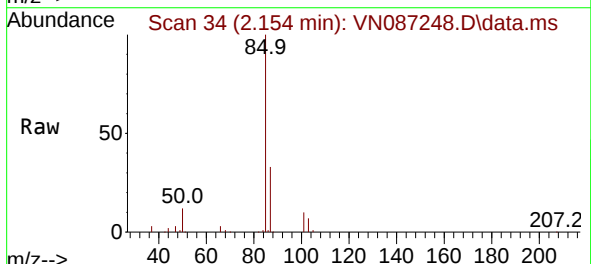
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VSTDCCC050

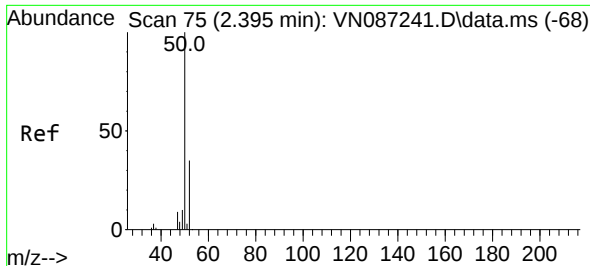
Tgt Ion:168 Resp: 221787
Ion Ratio Lower Upper
168 100
99 51.4 42.6 64.0



#2
Dichlorodifluoromethane
Concen: 54.005 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion: 85 Resp: 116562
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.3

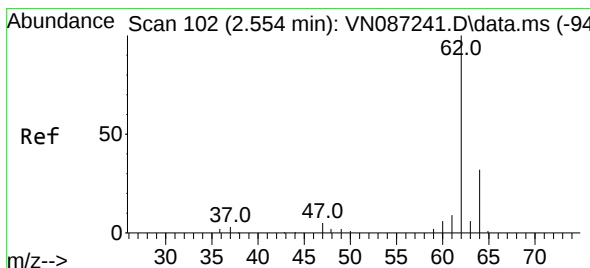
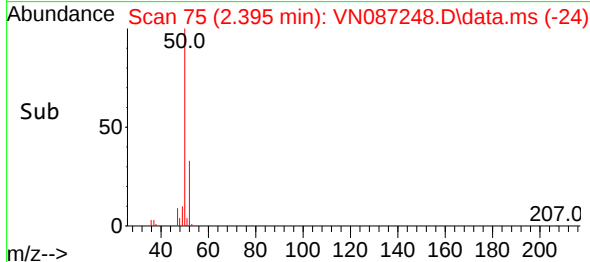
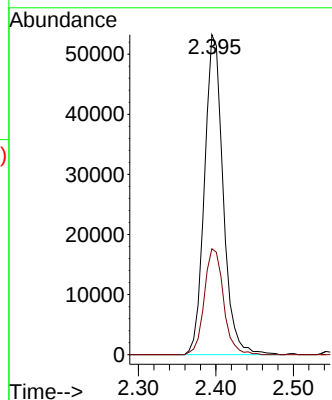
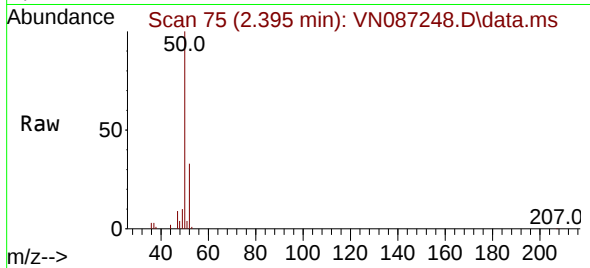




#3
Chloromethane
Concen: 50.787 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

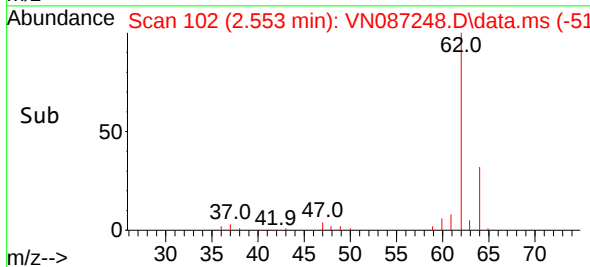
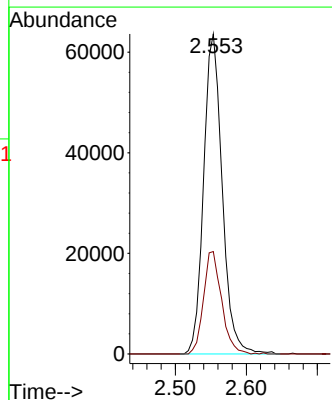
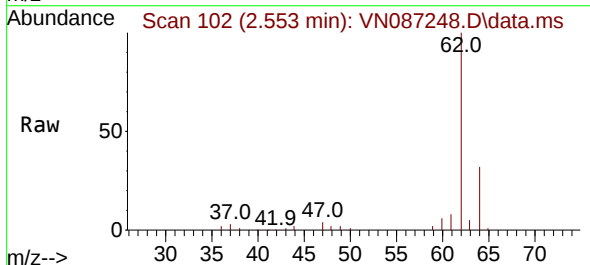
Instrument :
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ClientSampleId :
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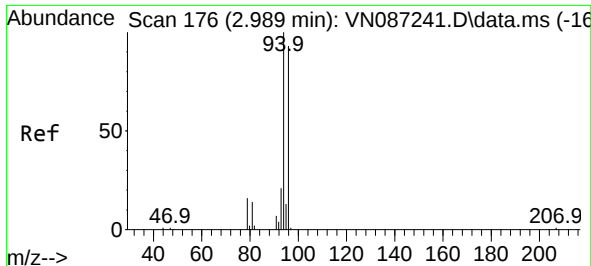
Tgt Ion: 50 Resp: 89010
Ion Ratio Lower Upper
50 100
52 33.1 27.8 41.8



#4
Vinyl Chloride
Concen: 53.769 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion: 62 Resp: 115858
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0

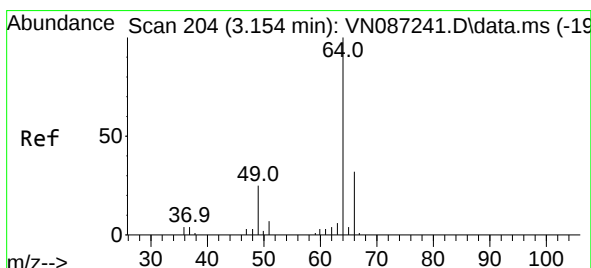
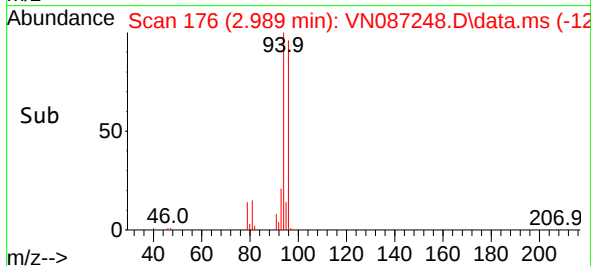
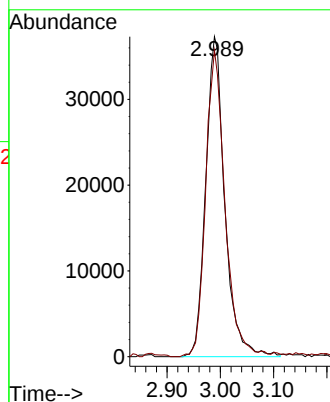
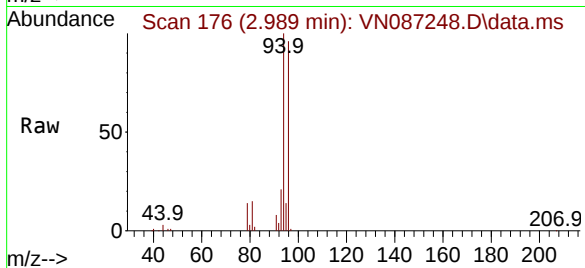




#5
Bromomethane
Concen: 47.192 ug/l
RT: 2.989 min Scan# 176
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

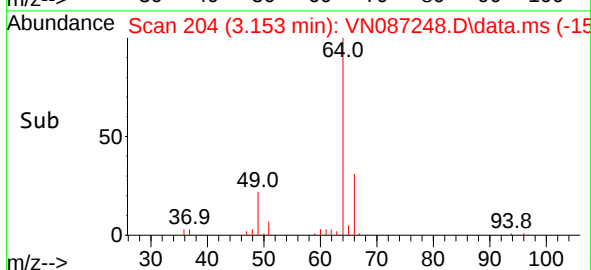
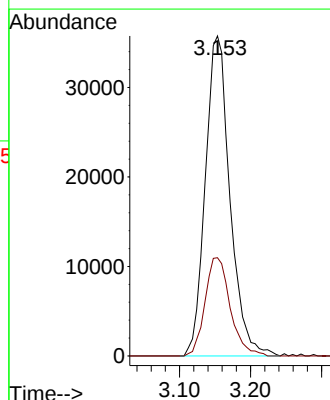
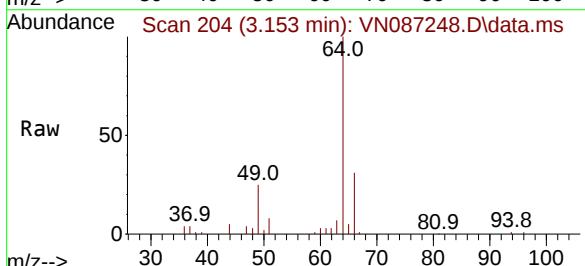
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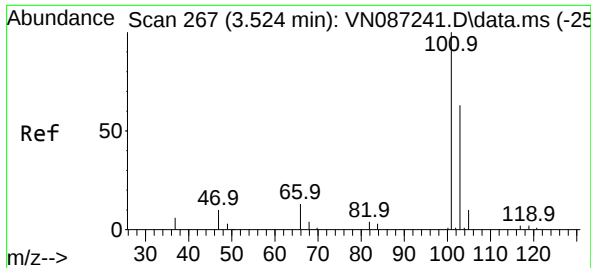
Tgt Ion: 94 Resp: 92792
Ion Ratio Lower Upper
94 100
96 95.7 74.3 111.5



#6
Chloroethane
Concen: 50.502 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion: 64 Resp: 86194
Ion Ratio Lower Upper
64 100
66 30.7 25.3 37.9

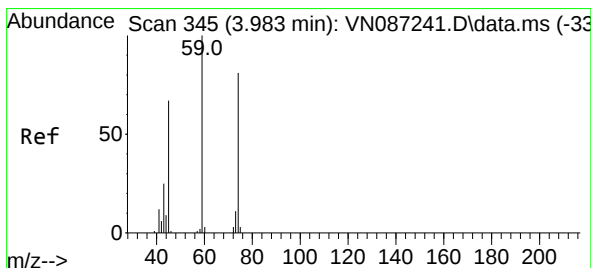
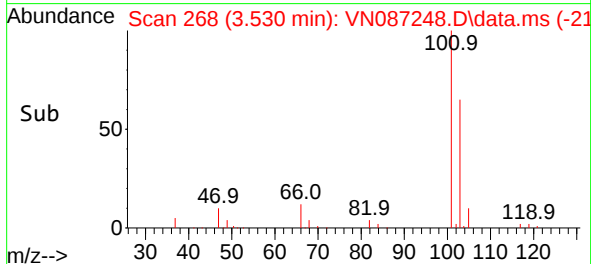
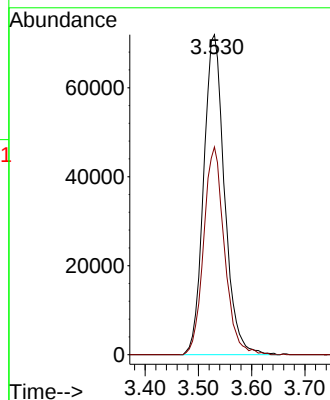
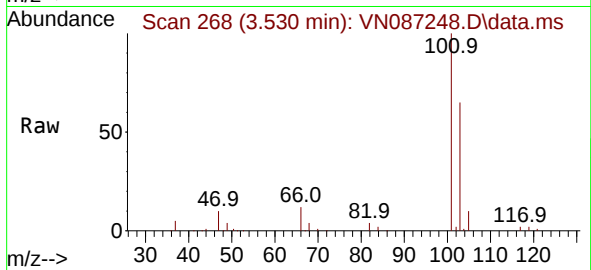




#7
Trichlorofluoromethane
Concen: 52.185 ug/l
RT: 3.530 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

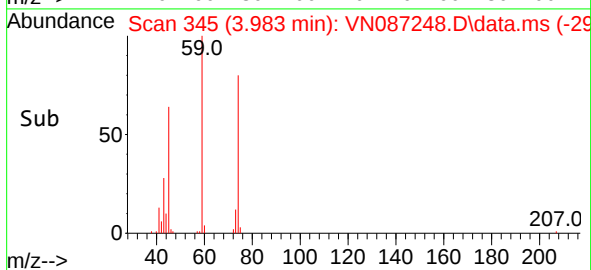
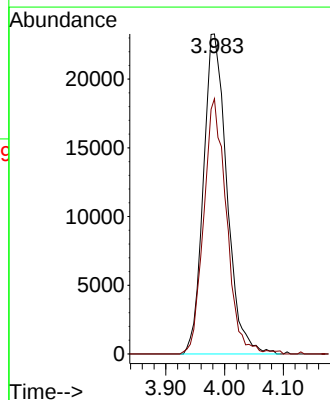
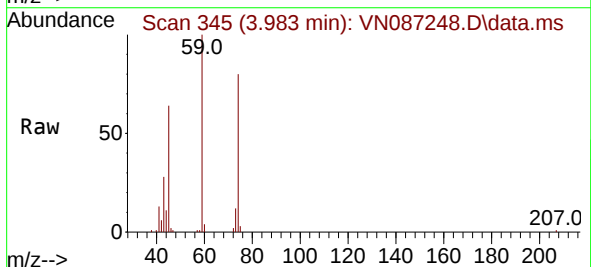
Instrument :
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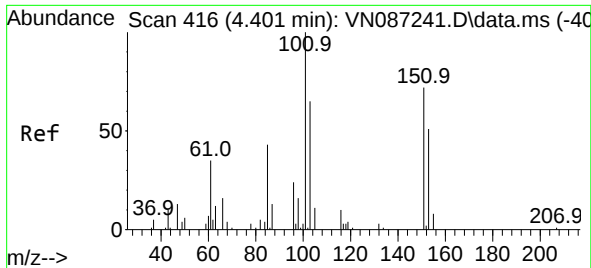
Tgt Ion:101 Resp: 195119
Ion Ratio Lower Upper
101 100
103 64.9 50.5 75.7



#8
Diethyl Ether
Concen: 54.194 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN087248.D
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Tgt Ion: 74 Resp: 64664
Ion Ratio Lower Upper
74 100
45 76.9 39.4 118.1

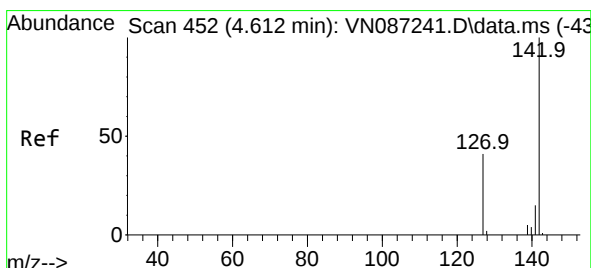
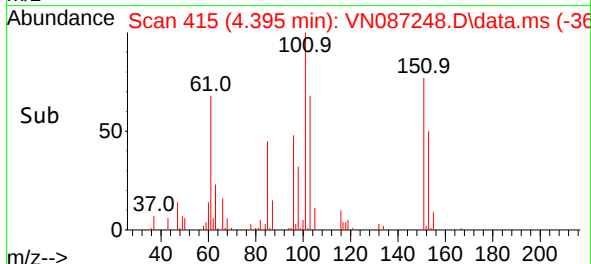
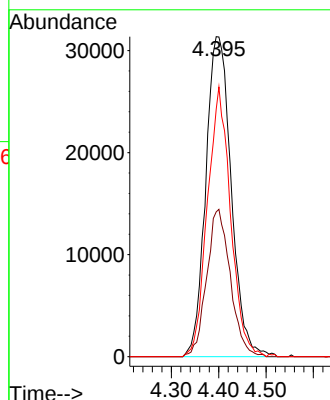
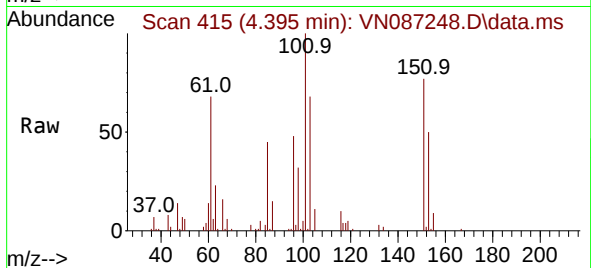




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.894 ug/l
RT: 4.395 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

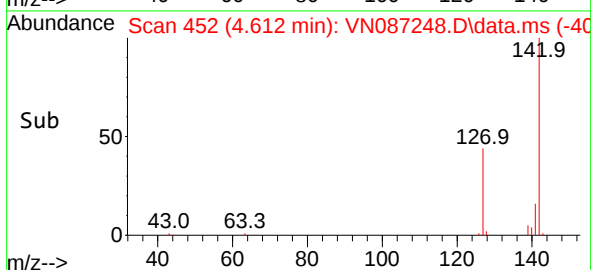
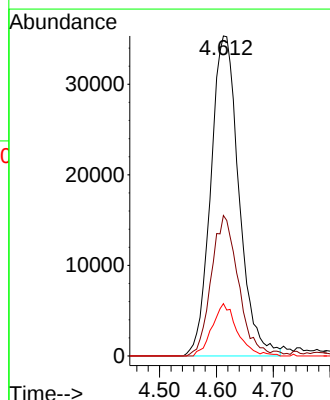
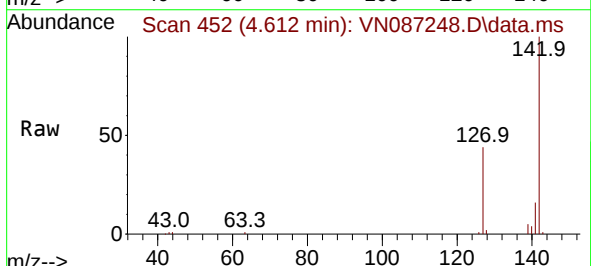
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

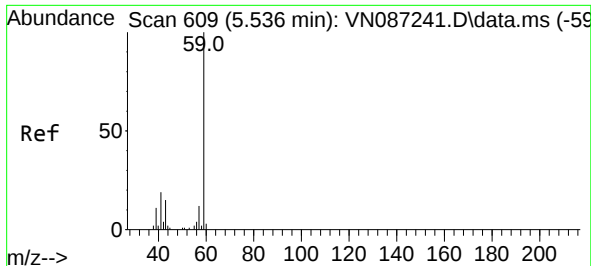
Tgt Ion:101 Resp: 116994
Ion Ratio Lower Upper
101 100
85 42.7 34.4 51.6
151 76.6 63.8 95.8



#10
Methyl Iodide
Concen: 56.501 ug/l
RT: 4.612 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion:142 Resp: 121704
Ion Ratio Lower Upper
142 100
127 43.9 32.8 49.2
141 16.3 11.6 17.4

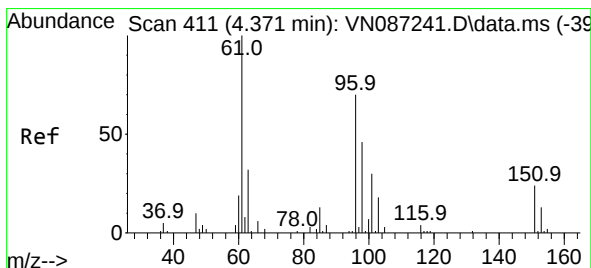
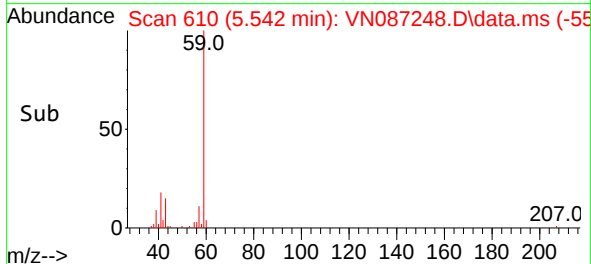
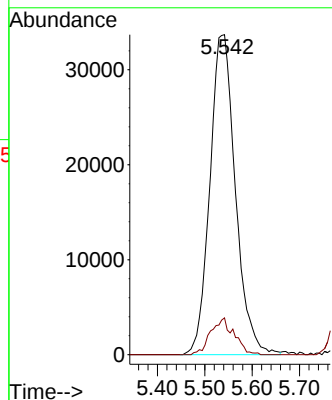
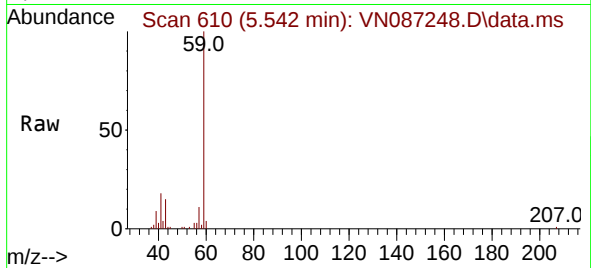




#11
Tert butyl alcohol
Concen: 248.789 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

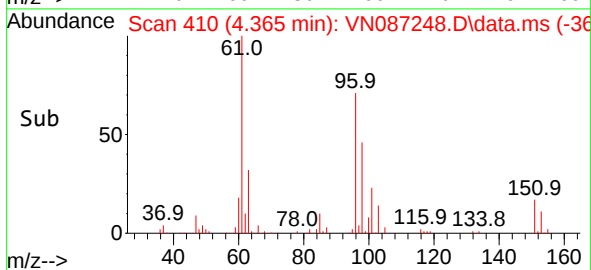
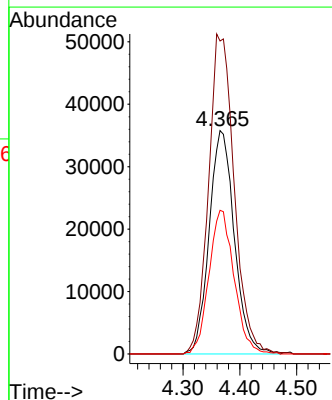
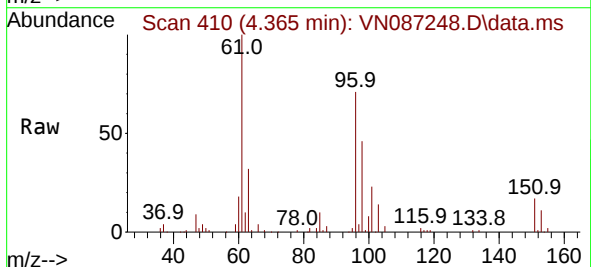
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

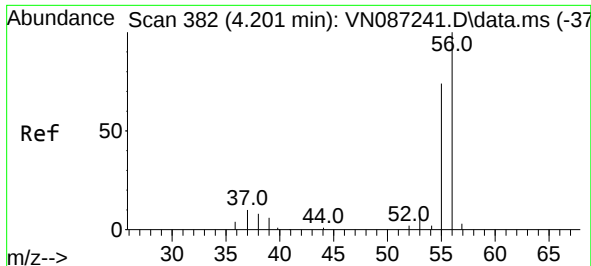
Tgt Ion: 59 Resp: 126211
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 53.478 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion: 96 Resp: 110286
Ion Ratio Lower Upper
96 100
61 140.1 114.4 171.6
98 64.4 53.0 79.6

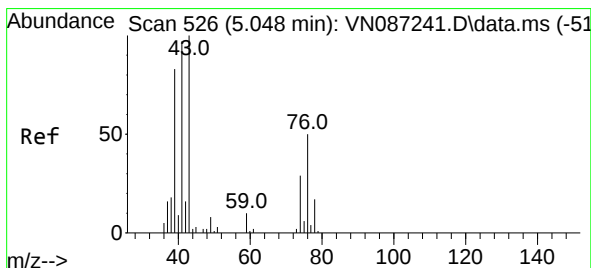
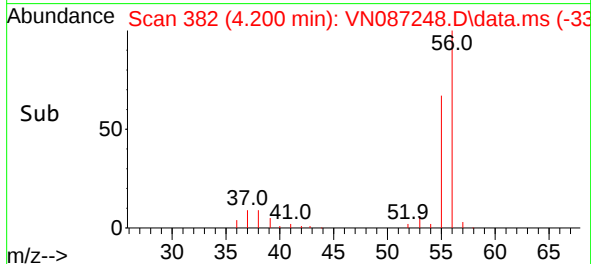
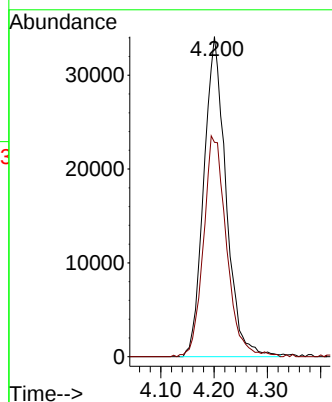
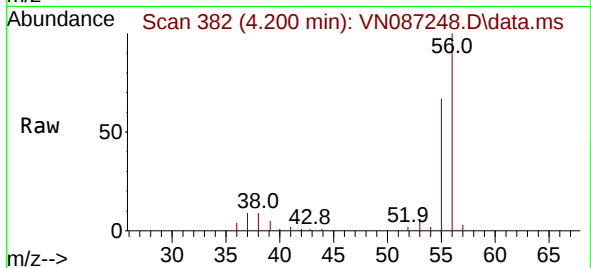




#13
Acrolein
Concen: 281.509 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

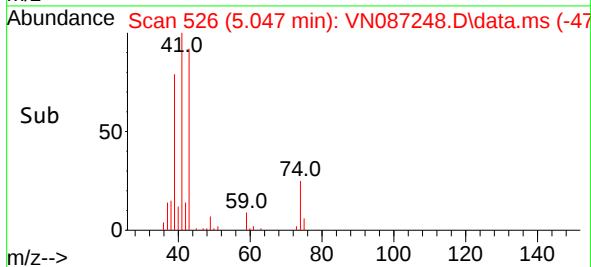
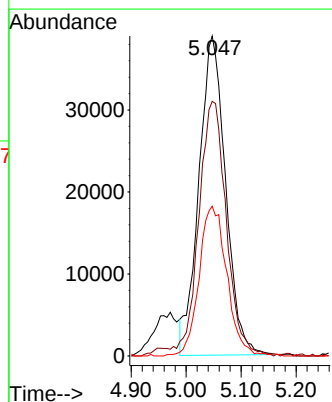
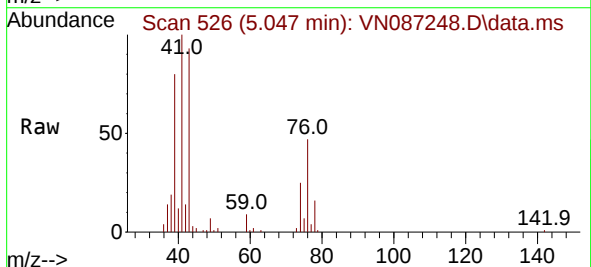
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

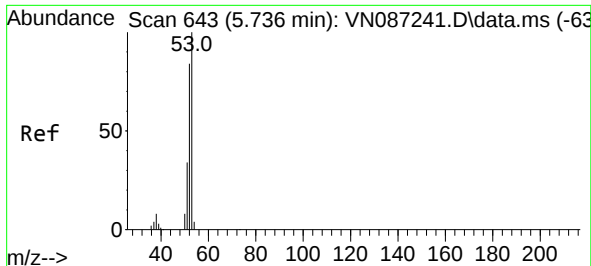
Tgt Ion: 56 Resp: 98912
Ion Ratio Lower Upper
56 100
55 71.4 58.6 88.0



#14
Allyl chloride
Concen: 51.956 ug/l
RT: 5.047 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

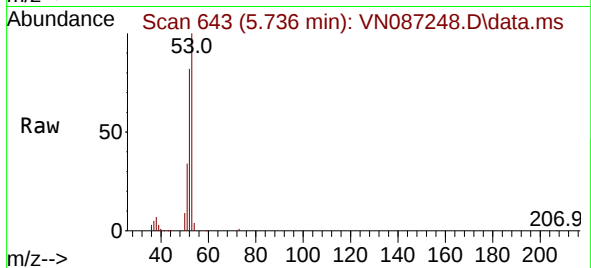
Tgt Ion: 41 Resp: 131316
Ion Ratio Lower Upper
41 100
39 82.3 66.3 99.5
76 48.8 38.6 58.0



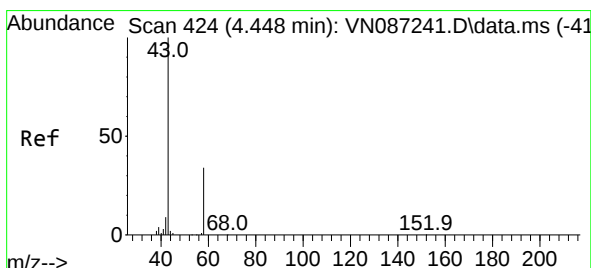
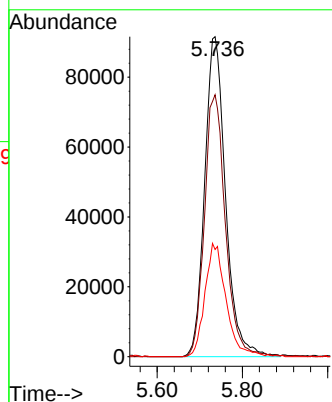
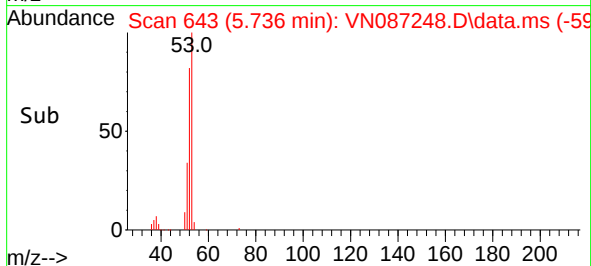


#15
Acrylonitrile
Concen: 246.361 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

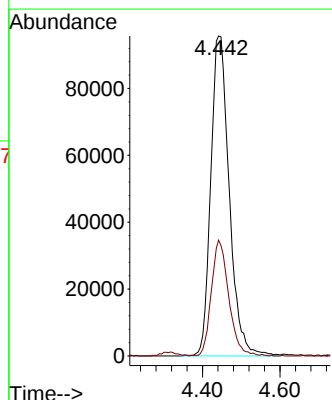
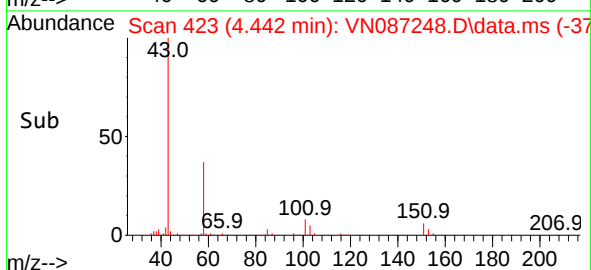
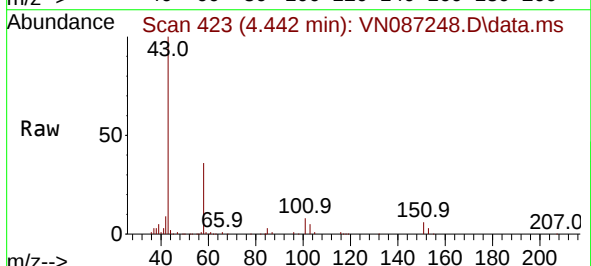


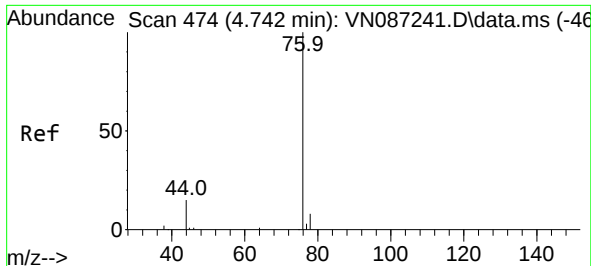
Tgt Ion: 53 Resp: 311144
Ion Ratio Lower Upper
53 100
52 82.6 66.5 99.7
51 36.1 29.1 43.7



#16
Acetone
Concen: 297.663 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion: 43 Resp: 316772
Ion Ratio Lower Upper
43 100
58 36.2 27.1 40.7





#17

Carbon Disulfide

Concen: 50.031 ug/l

RT: 4.736 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

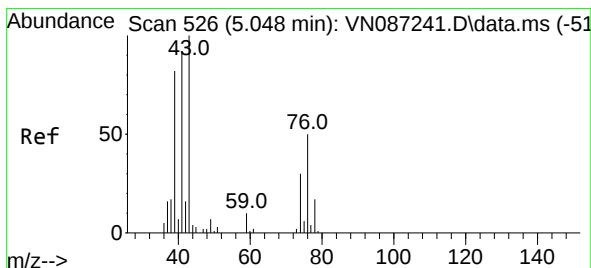
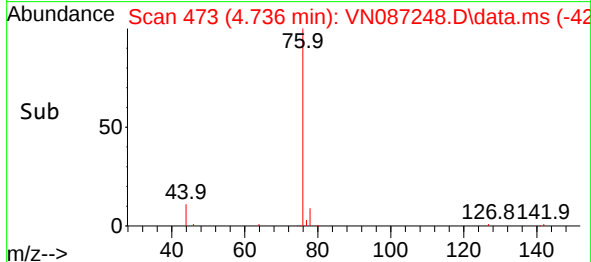
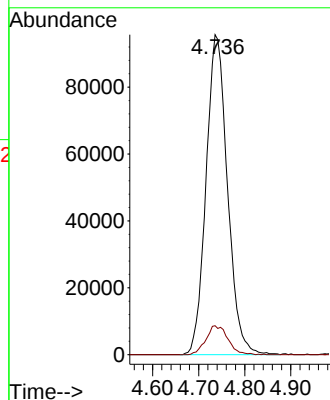
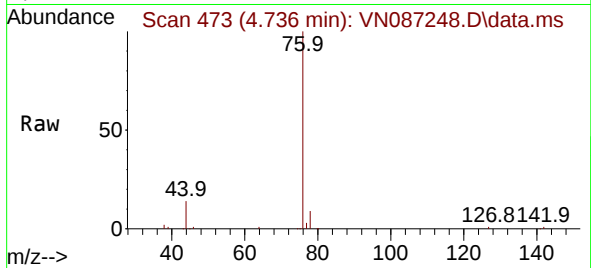
VSTDCCC050

Tgt Ion: 76 Resp: 309561

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2



#18

Methyl Acetate

Concen: 48.796 ug/l

RT: 5.047 min Scan# 526

Delta R.T. -0.000 min

Lab File: VN087248.D

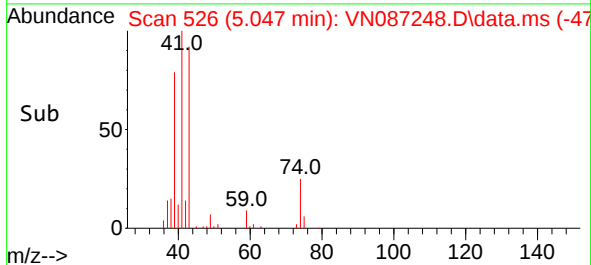
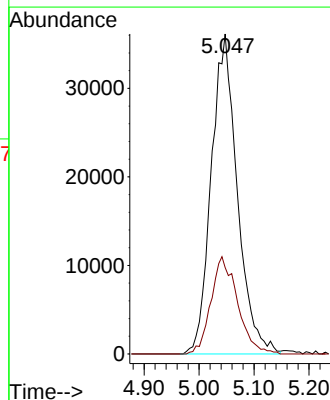
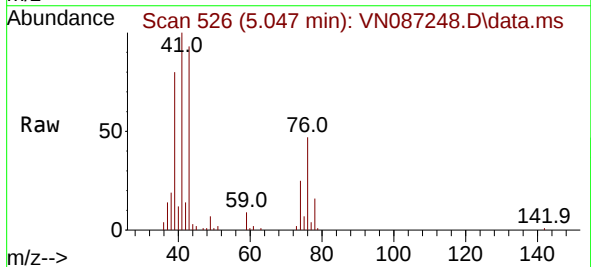
Acq: 01 Jul 2025 09:25

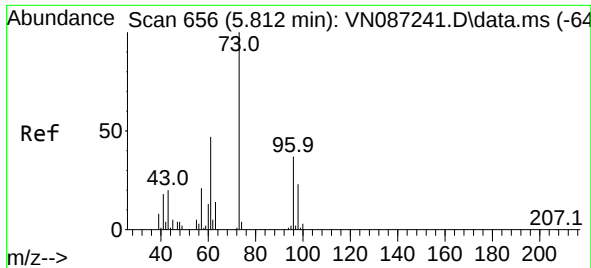
Tgt Ion: 43 Resp: 118878

Ion Ratio Lower Upper

43 100

74 31.1 23.8 35.6

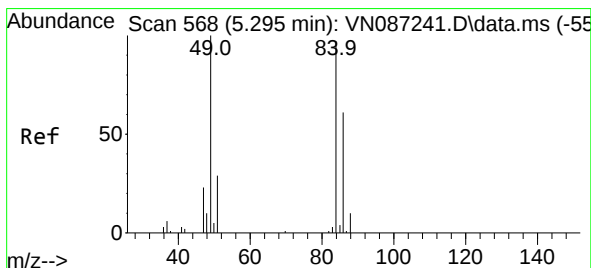
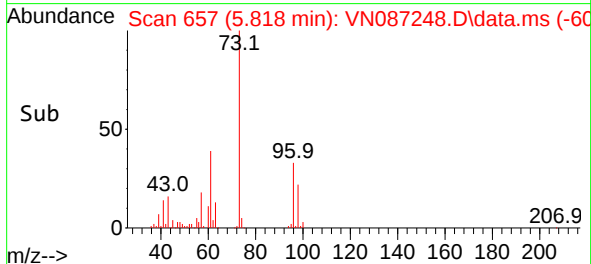
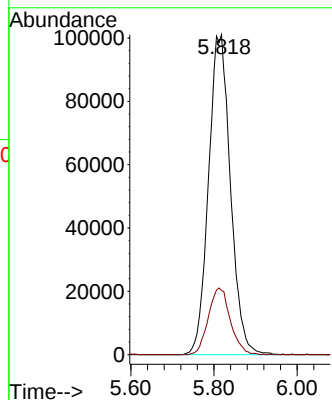
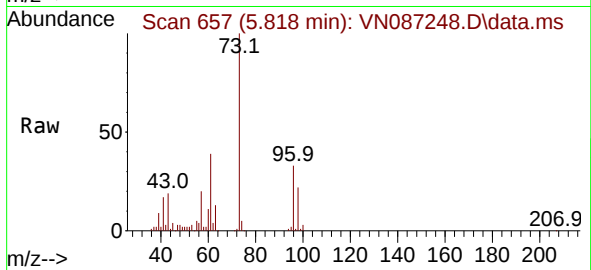




#19
Methyl tert-butyl Ether
Concen: 51.244 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

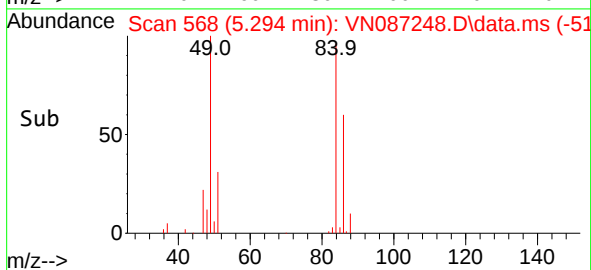
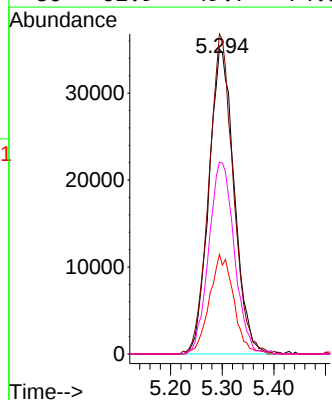
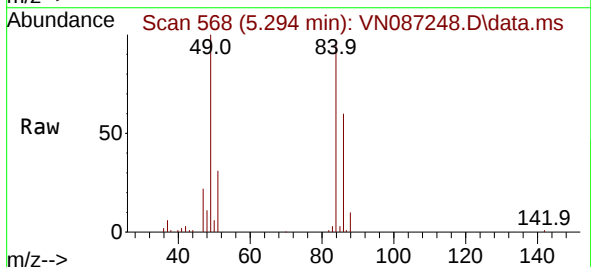
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

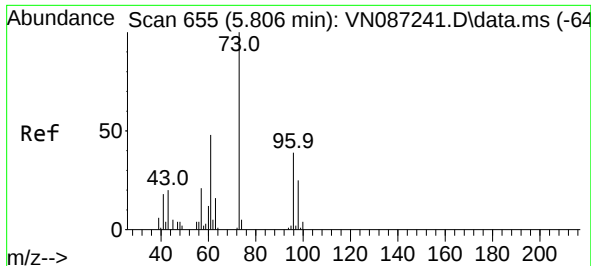
Tgt Ion: 73 Resp: 370379
Ion Ratio Lower Upper
73 100
57 20.0 16.7 25.1



#20
Methylene Chloride
Concen: 50.603 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion: 84 Resp: 119294
Ion Ratio Lower Upper
84 100
49 104.9 82.1 123.1
51 32.6 23.5 35.3
86 62.9 49.7 74.5

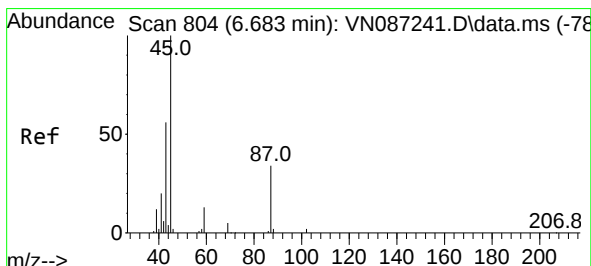
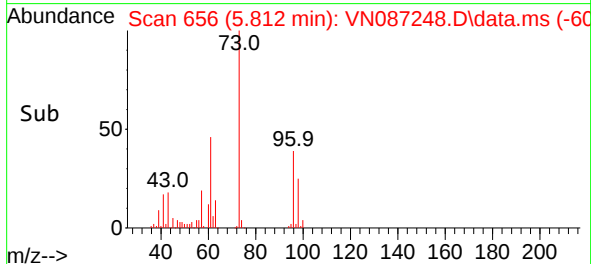
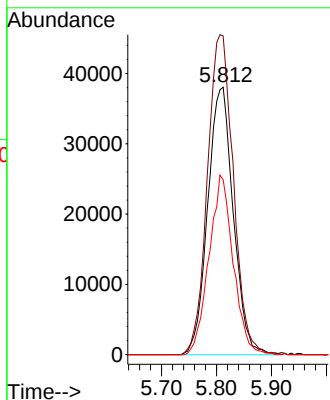
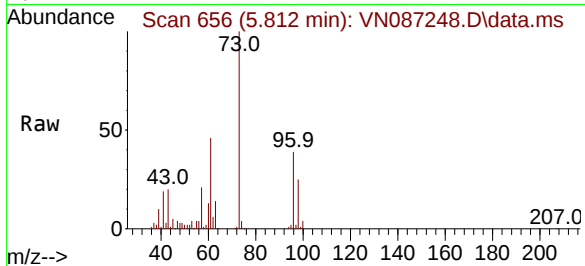




#21
trans-1,2-Dichloroethene
Concen: 49.372 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

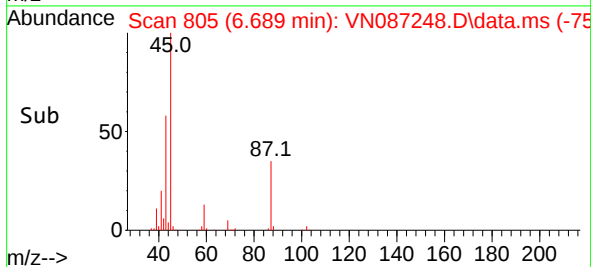
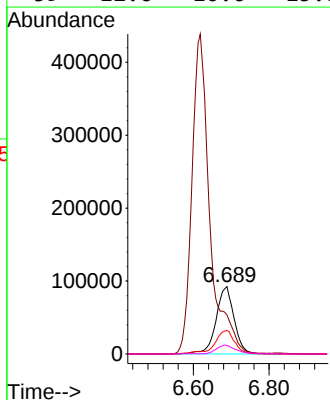
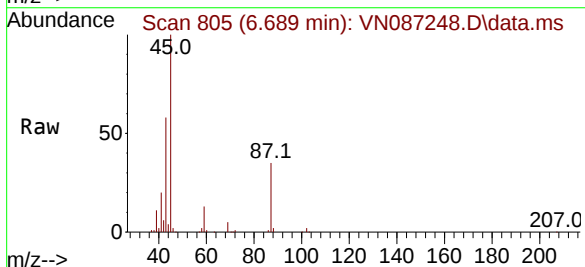
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

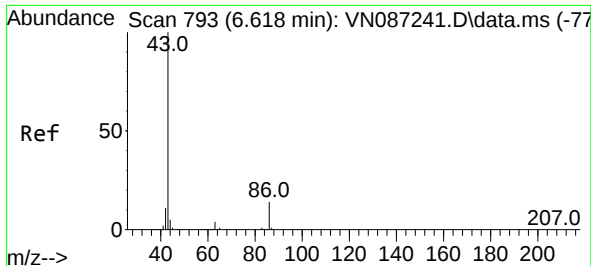
Tgt Ion: 96 Resp: 123035
Ion Ratio Lower Upper
96 100
61 119.2 98.2 147.2
98 65.4 50.0 75.0



#22
Diisopropyl ether
Concen: 50.429 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion: 45 Resp: 305166
Ion Ratio Lower Upper
45 100
43 56.4 50.1 75.1
87 34.6 27.5 41.3
59 12.6 10.6 15.8

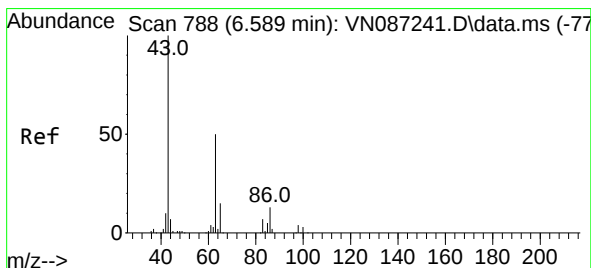
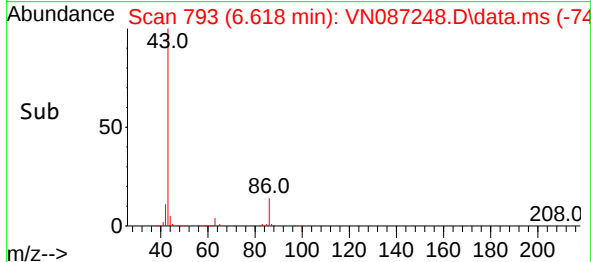
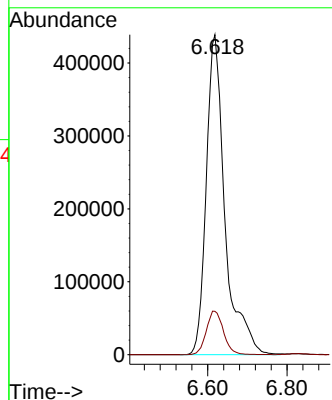
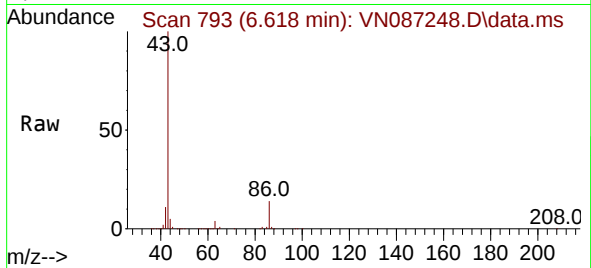




#23
 Vinyl Acetate
 Concen: 256.808 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087248.D
 Acq: 01 Jul 2025 09:25

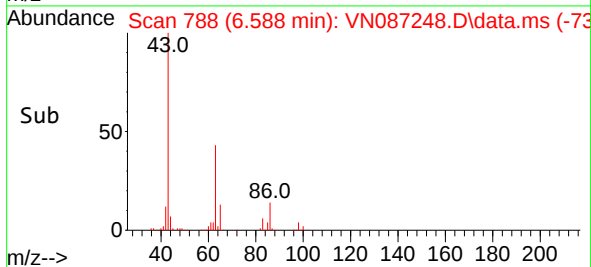
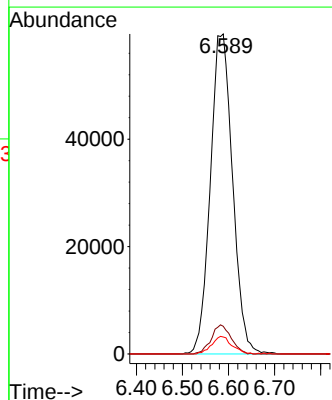
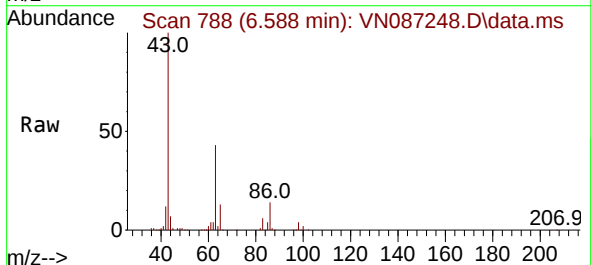
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

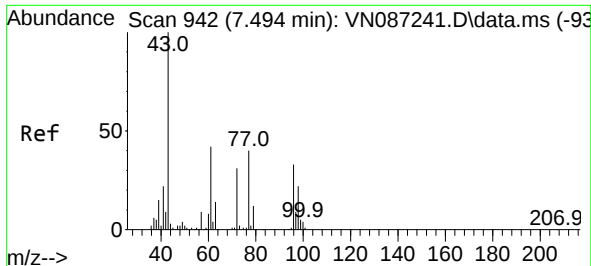
Tgt Ion: 43 Resp: 1437222
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.0 16.4



#24
 1,1-Dichloroethane
 Concen: 50.424 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087248.D
 Acq: 01 Jul 2025 09:25

Tgt Ion: 63 Resp: 199920
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.5 10.6
 100 5.3 2.7 8.1





#25

2-Butanone

Concen: 252.513 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.000 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

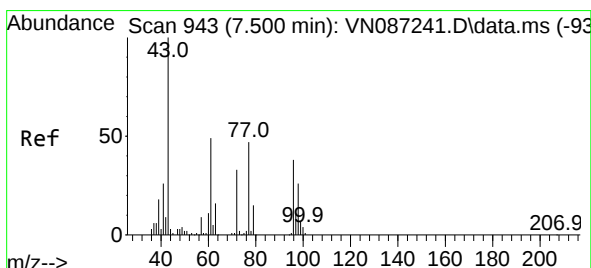
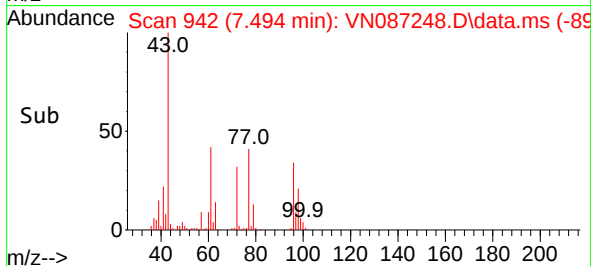
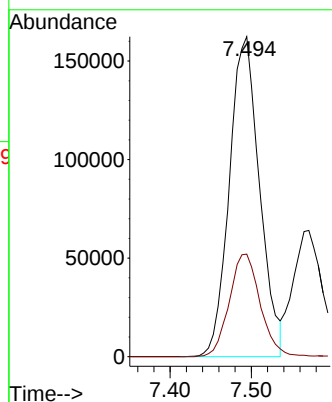
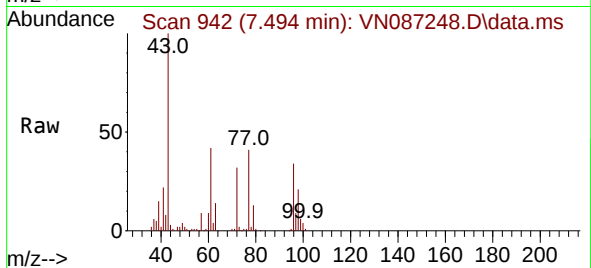
VSTDCCC050

Tgt Ion: 43 Resp: 419949

Ion Ratio Lower Upper

43 100

72 32.1 24.8 37.2



#26

2,2-Dichloropropane

Concen: 53.052 ug/l

RT: 7.500 min Scan# 943

Delta R.T. -0.000 min

Lab File: VN087248.D

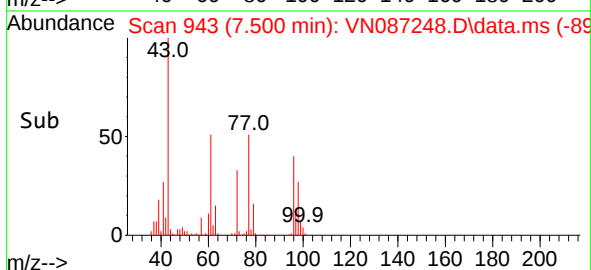
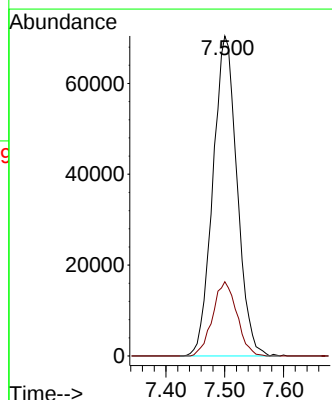
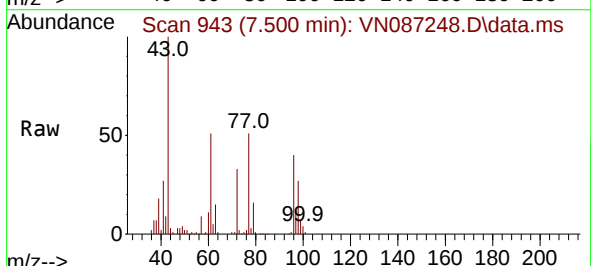
Acq: 01 Jul 2025 09:25

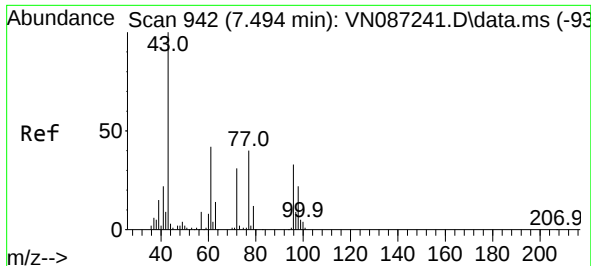
Tgt Ion: 77 Resp: 201275

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.3

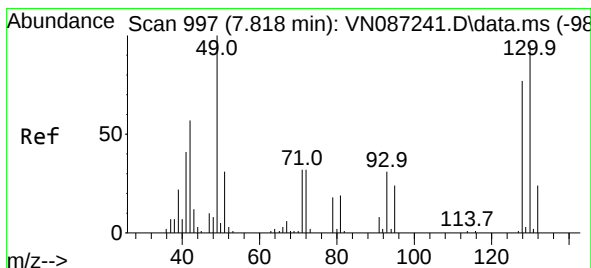
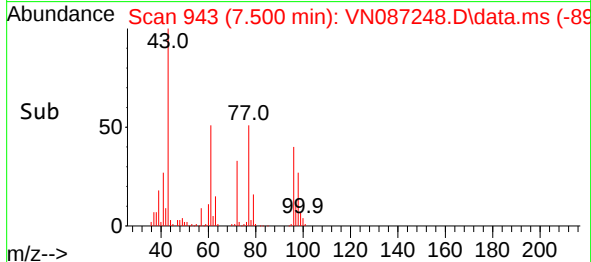
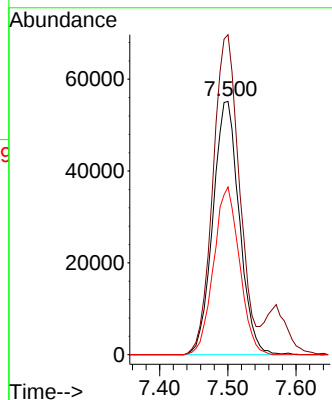
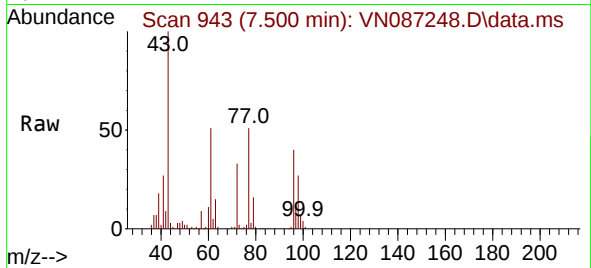




#27
 cis-1,2-Dichloroethene
 Concen: 51.631 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN087248.D
 Acq: 01 Jul 2025 09:25

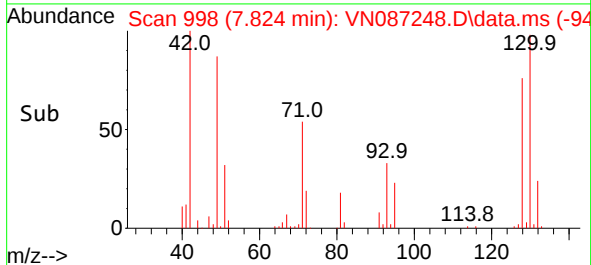
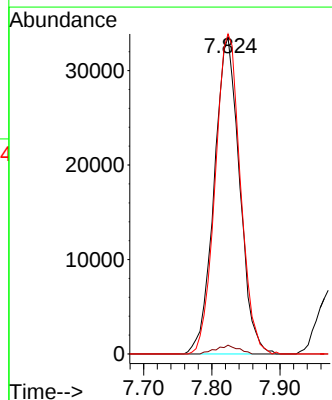
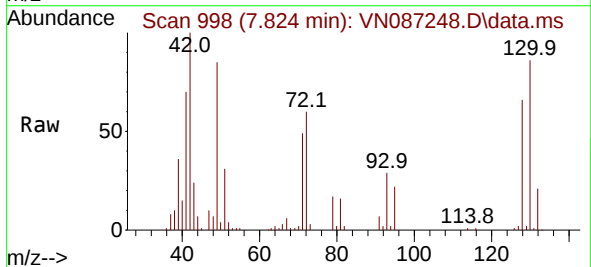
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

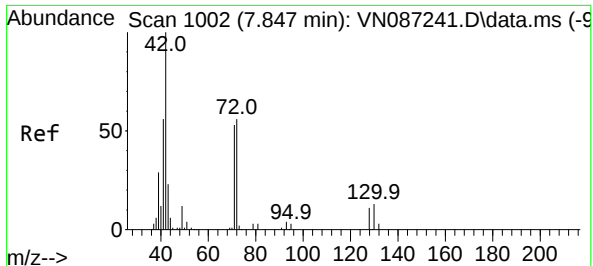
Tgt Ion: 96 Resp: 148588
 Ion Ratio Lower Upper
 96 100
 61 127.0 0.0 258.8
 98 64.8 0.0 130.8



#28
 Bromochloromethane
 Concen: 49.675 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN087248.D
 Acq: 01 Jul 2025 09:25

Tgt Ion: 49 Resp: 86932
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 100.3 78.4 117.6





#29

Tetrahydrofuran

Concen: 253.331 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

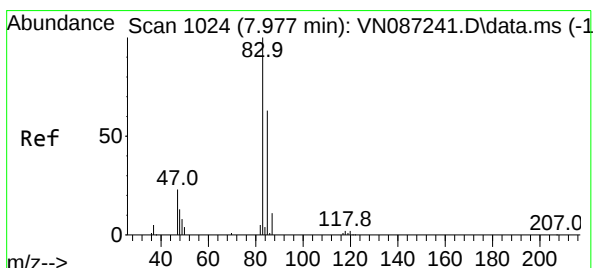
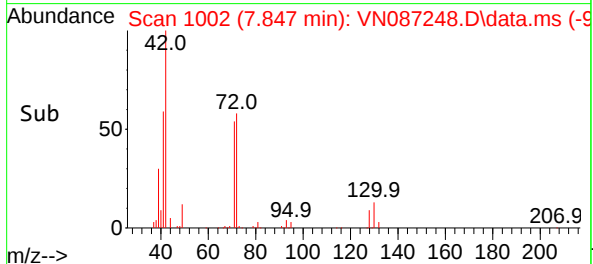
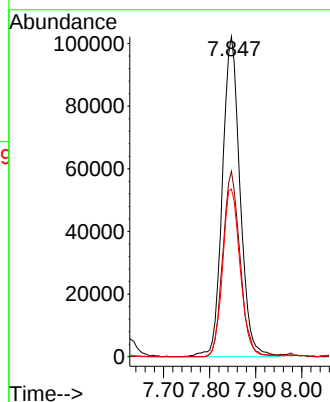
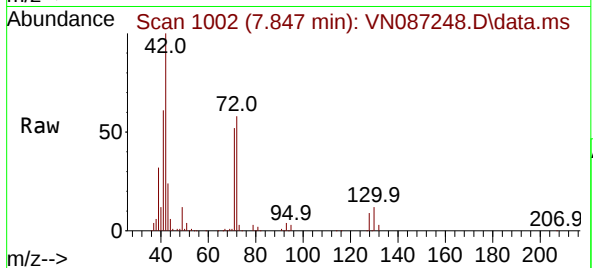
Tgt Ion: 42 Resp: 271490

Ion Ratio Lower Upper

42 100

72 56.2 44.2 66.4

71 52.2 41.1 61.7



#30

Chloroform

Concen: 50.866 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN087248.D

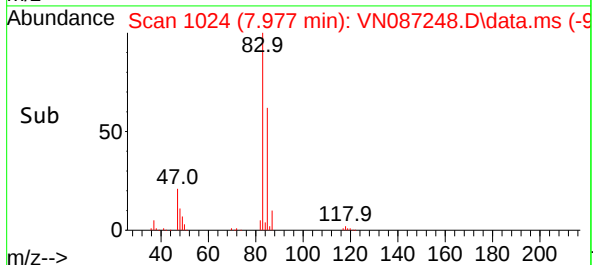
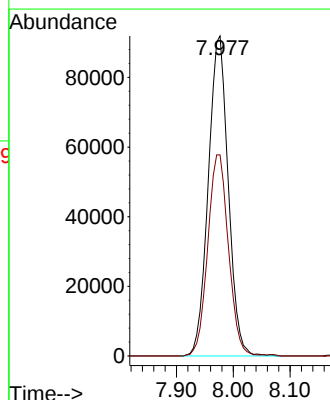
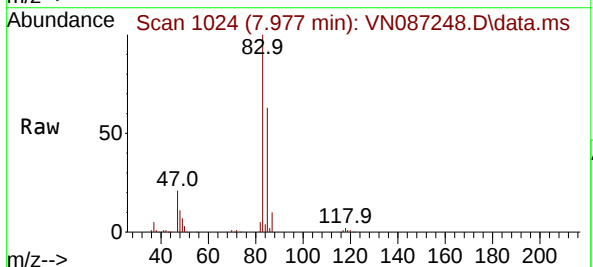
Acq: 01 Jul 2025 09:25

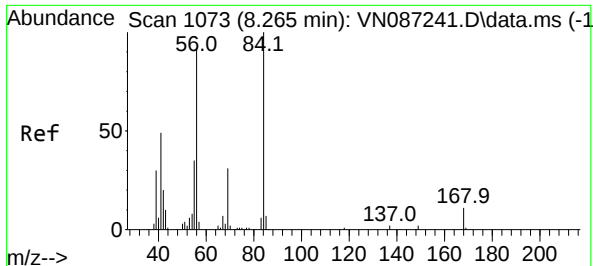
Tgt Ion: 83 Resp: 223536

Ion Ratio Lower Upper

83 100

85 62.9 50.3 75.5

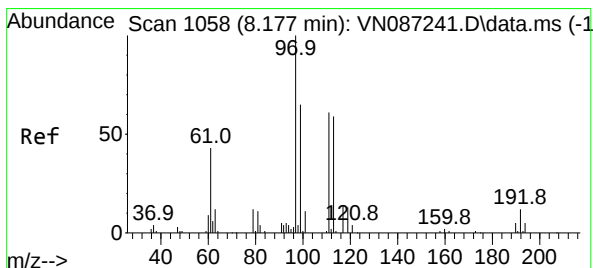
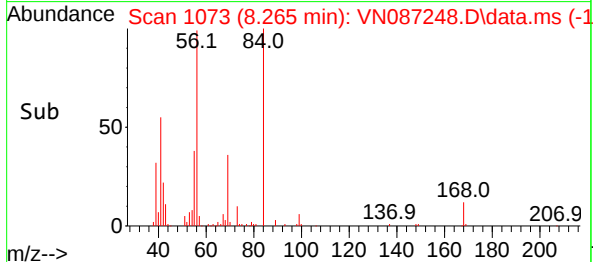
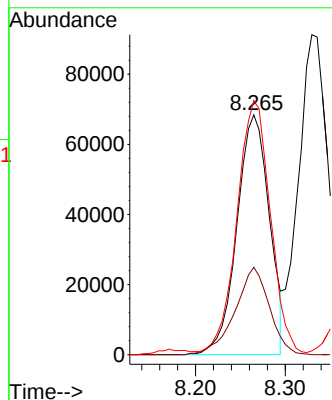
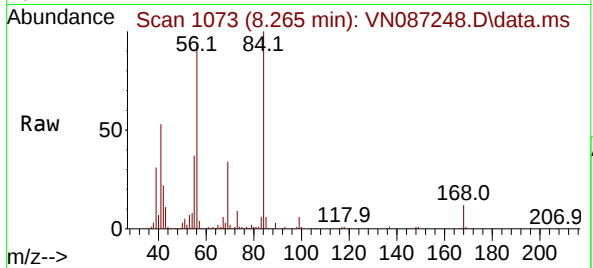




#31
Cyclohexane
Concen: 45.339 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

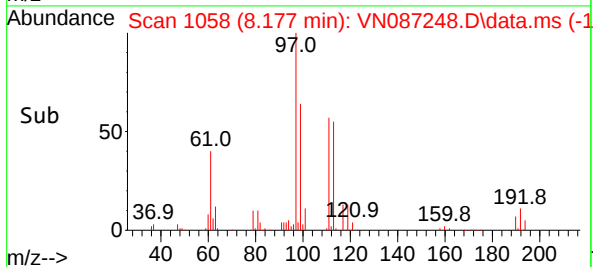
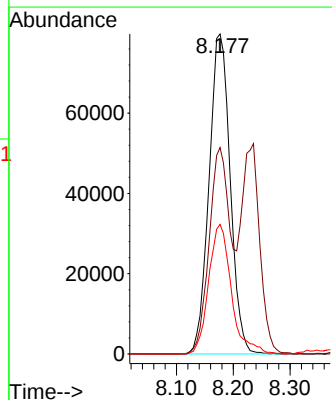
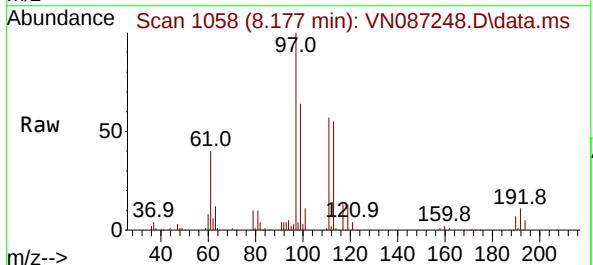
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

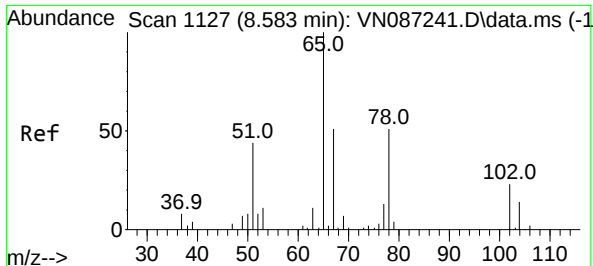
Tgt Ion: 56 Resp: 171873
Ion Ratio Lower Upper
56 100
69 35.9 27.0 40.6
84 104.2 86.2 129.4



#32
1,1,1-Trichloroethane
Concen: 50.296 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion: 97 Resp: 205845
Ion Ratio Lower Upper
97 100
99 66.2 49.5 74.3
61 43.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.036 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

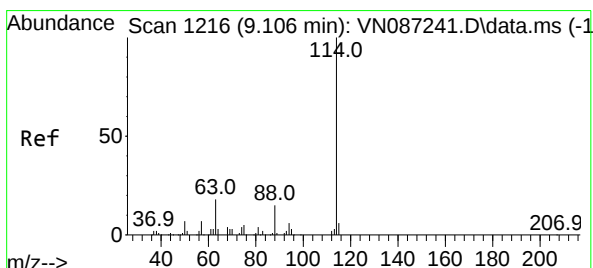
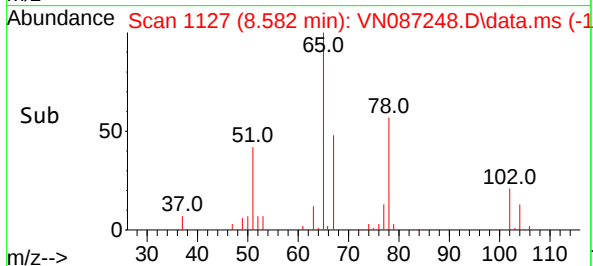
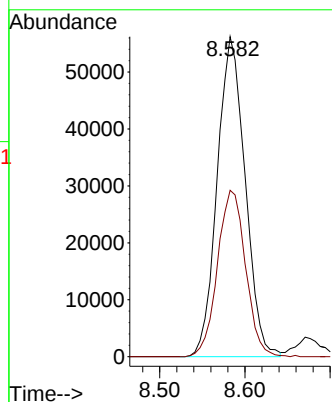
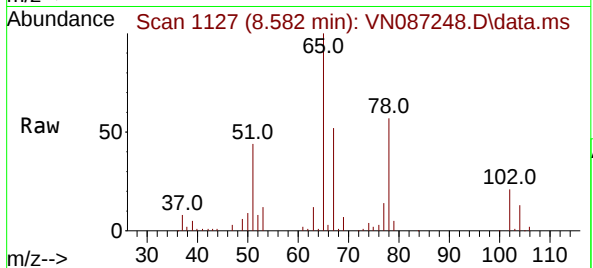
VSTDCCC050

Tgt Ion: 65 Resp: 128145

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

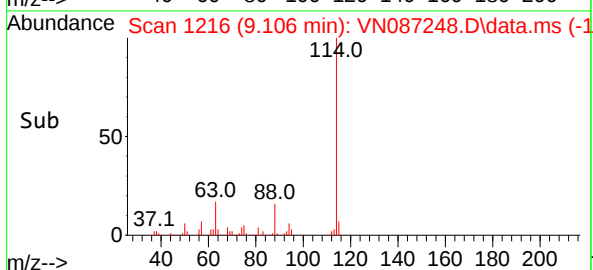
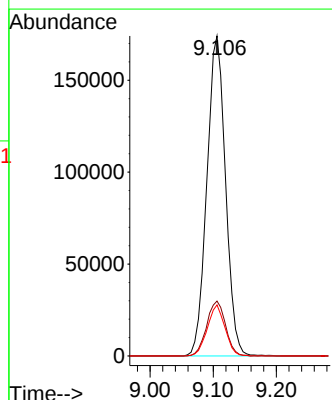
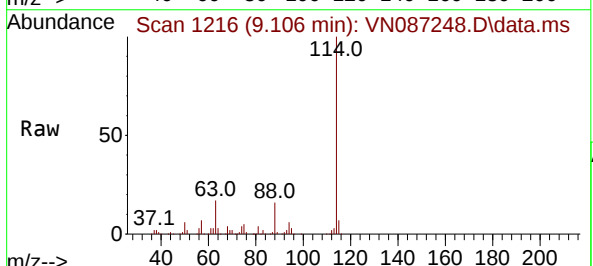
Tgt Ion: 114 Resp: 357060

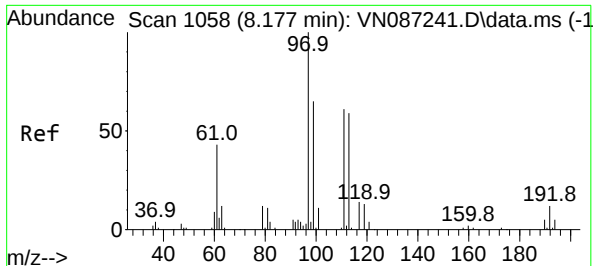
Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.6

88 16.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.858 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

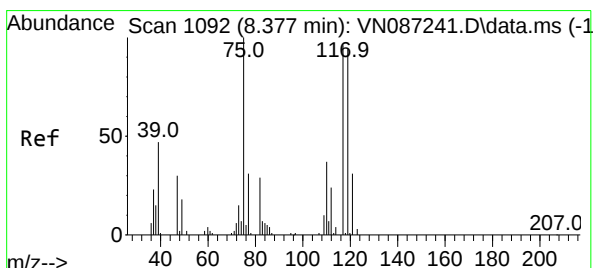
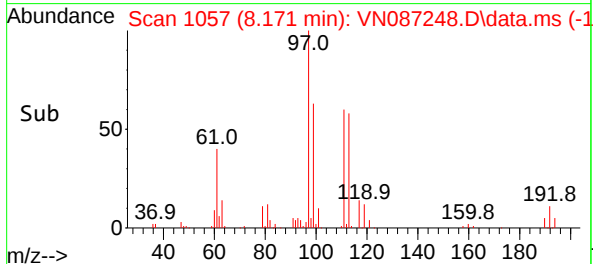
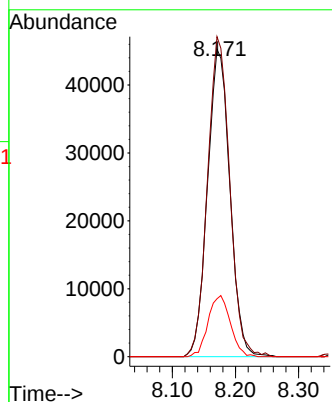
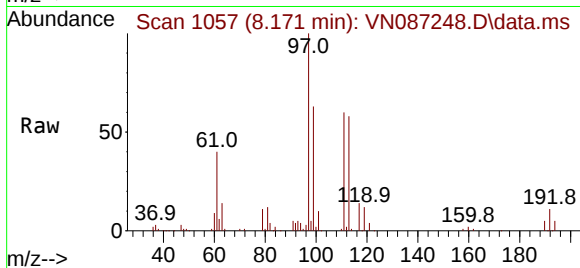
Tgt Ion:113 Resp: 111703

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.2

192 19.8 15.1 22.7



#36

1,1-Dichloropropene

Concen: 51.689 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

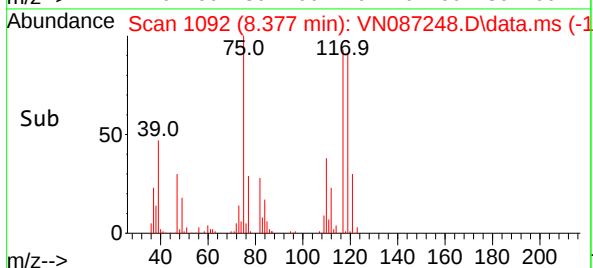
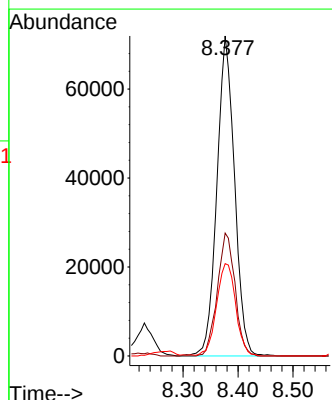
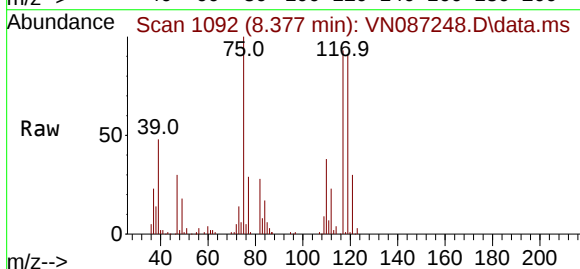
Tgt Ion: 75 Resp: 160706

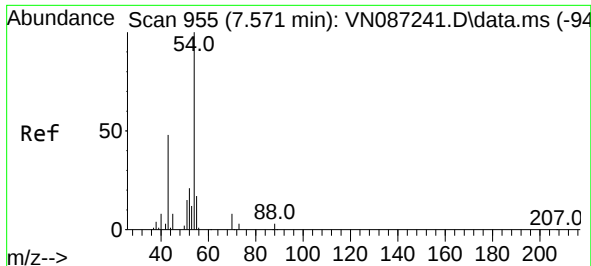
Ion Ratio Lower Upper

75 100

110 38.4 18.7 56.1

77 31.3 24.5 36.7

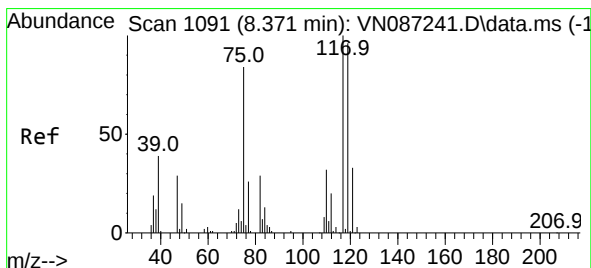
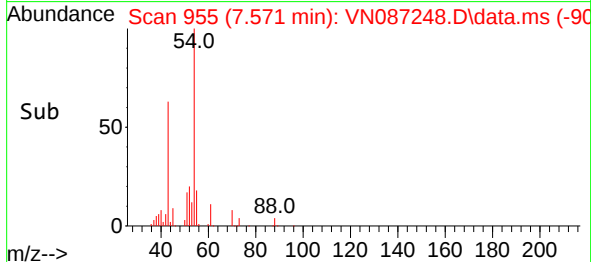
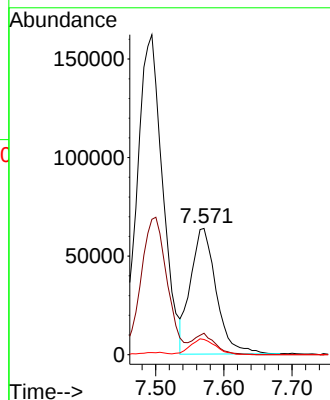
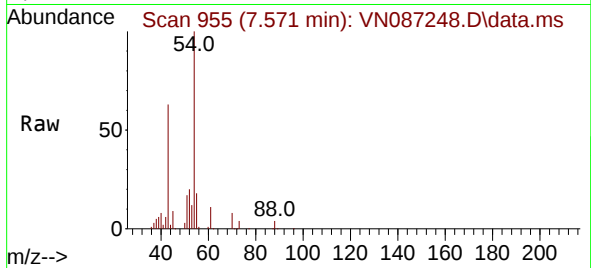




#37
Ethyl Acetate
Concen: 49.967 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

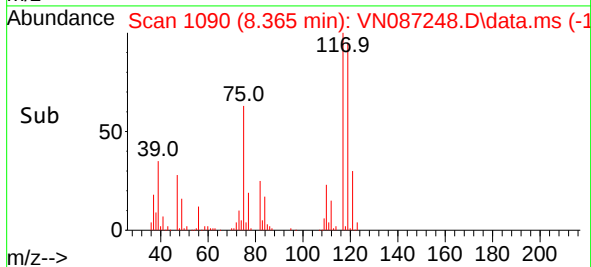
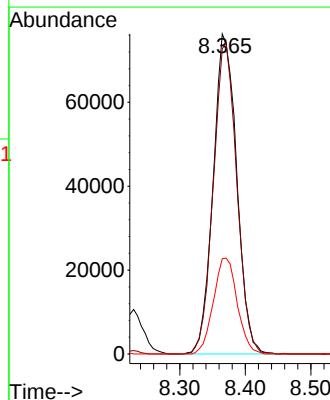
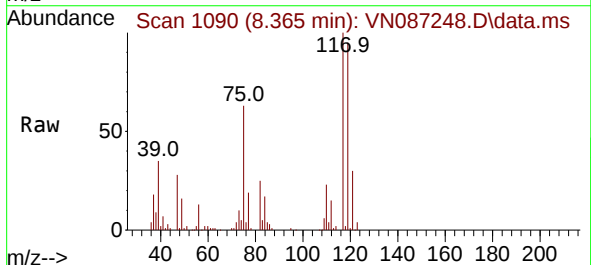
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

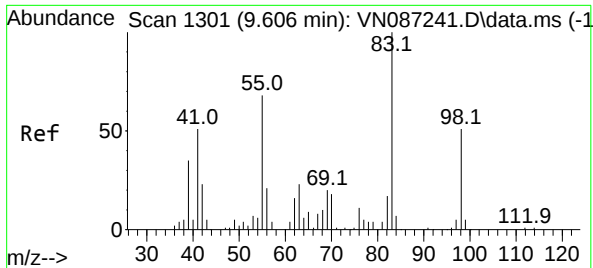
Tgt Ion: 43 Resp: 167000
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 12.5 9.9 14.9



#38
Carbon Tetrachloride
Concen: 54.007 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion: 117 Resp: 190266
Ion Ratio Lower Upper
117 100
119 95.4 77.2 115.8
121 29.8 26.6 39.8

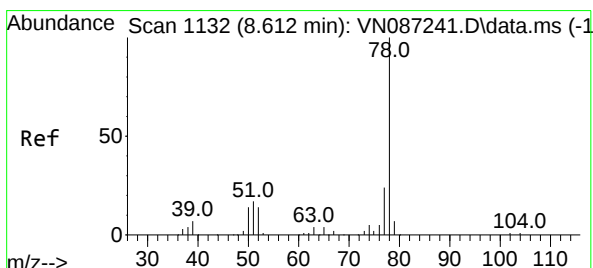
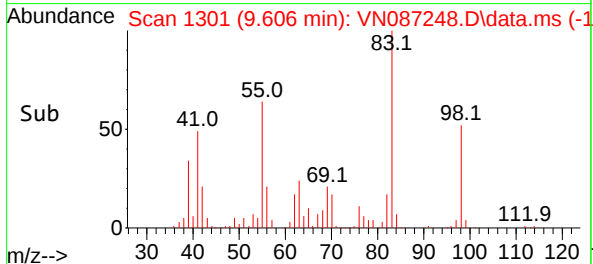
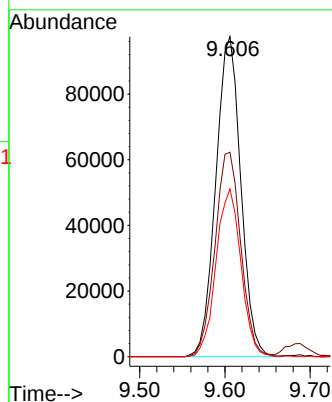
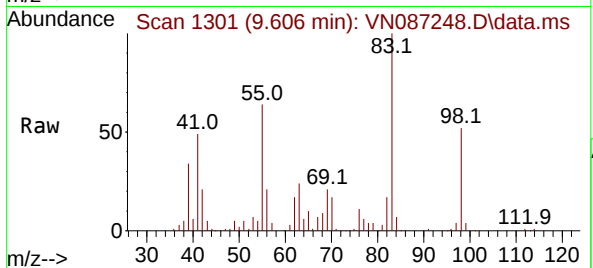




#39
Methylcyclohexane
Concen: 53.745 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

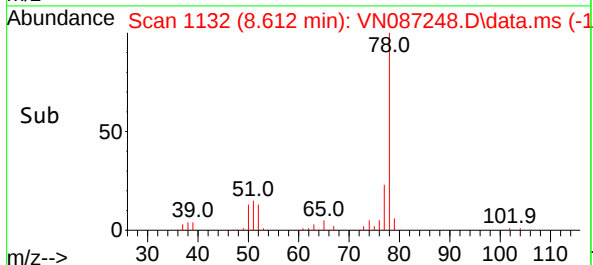
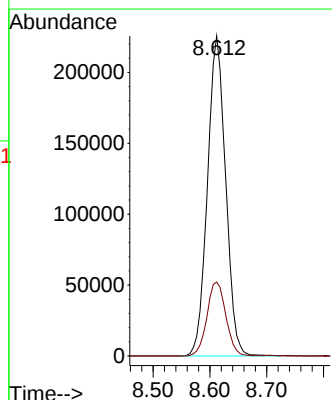
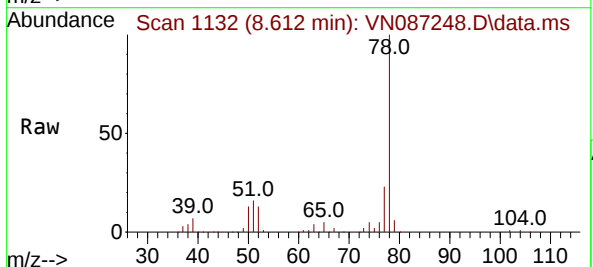
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

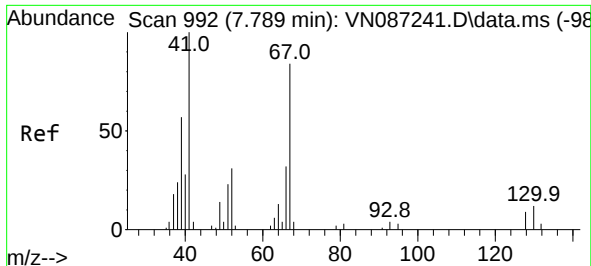
Tgt Ion: 83 Resp: 198994
Ion Ratio Lower Upper
83 100
55 63.9 54.6 81.8
98 52.5 41.2 61.8



#40
Benzene
Concen: 52.001 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion: 78 Resp: 500883
Ion Ratio Lower Upper
78 100
77 23.1 19.5 29.3

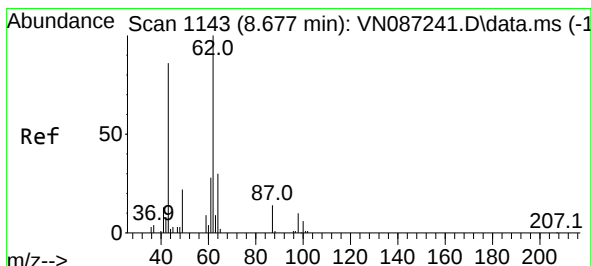
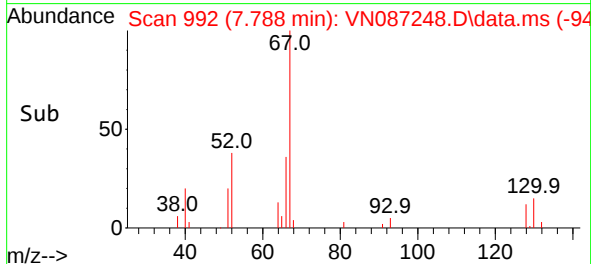
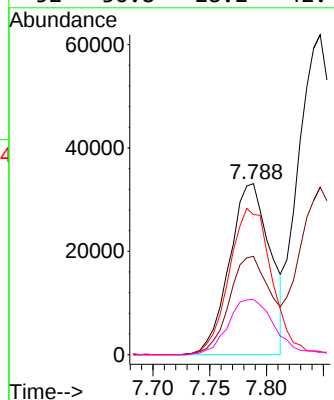
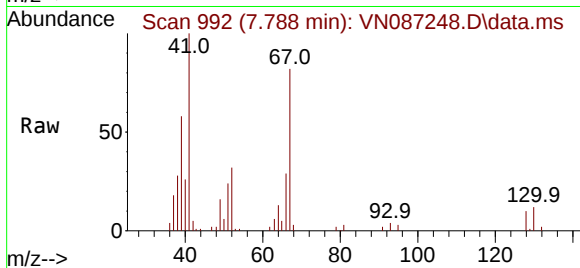




#41
Methacrylonitrile
Concen: 51.803 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

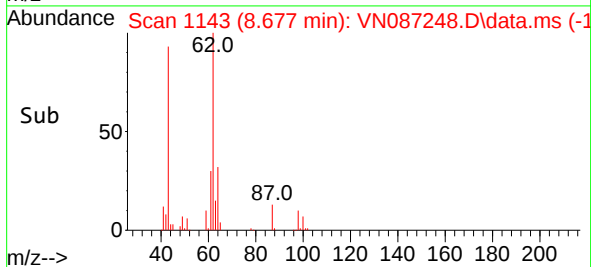
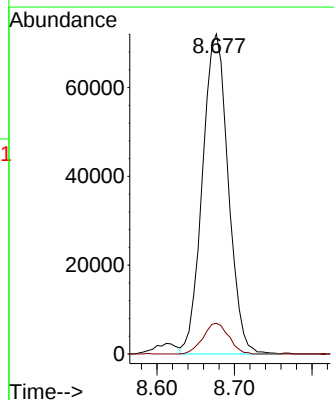
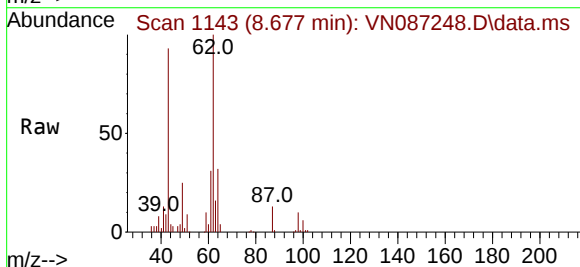
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

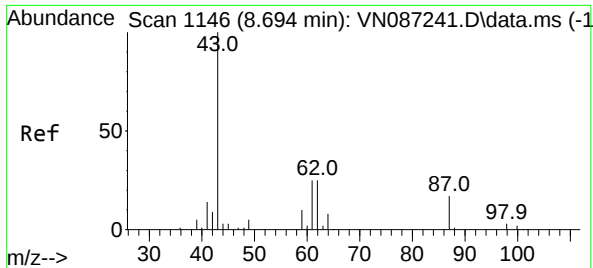
Tgt Ion:	41	Resp:	82782
Ion	Ratio	Lower	Upper
41	100		
39	58.3	46.4	69.6
67	89.3	70.8	106.2
52	36.8	28.2	42.4



#42
1,2-Dichloroethane
Concen: 52.021 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion:	62	Resp:	166638
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8

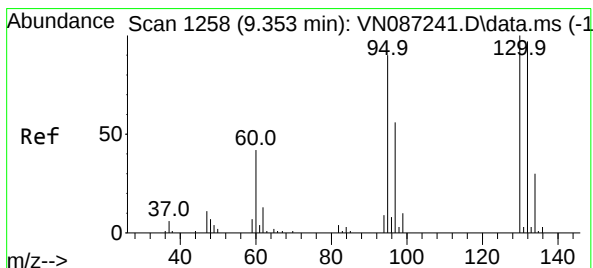
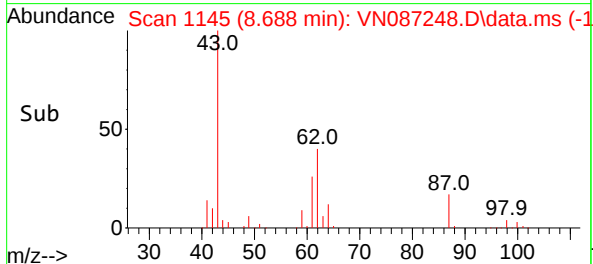
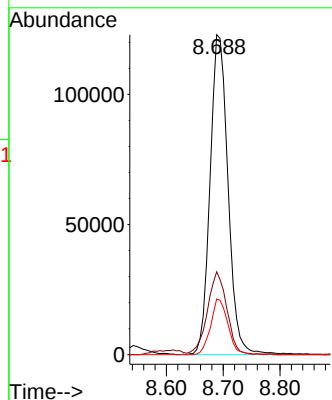
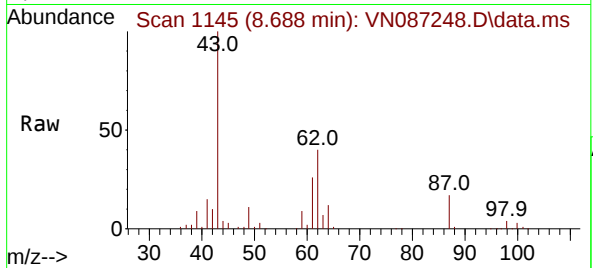




#43
Isopropyl Acetate
Concen: 52.025 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

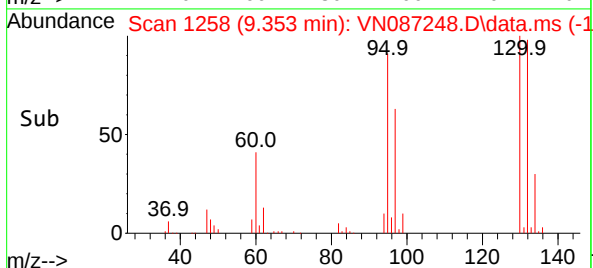
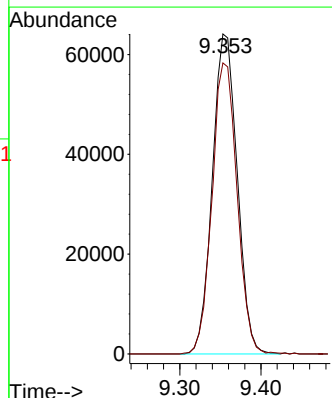
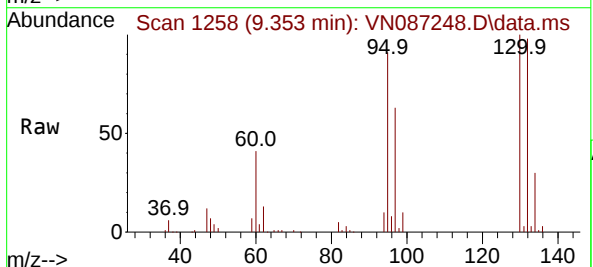
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

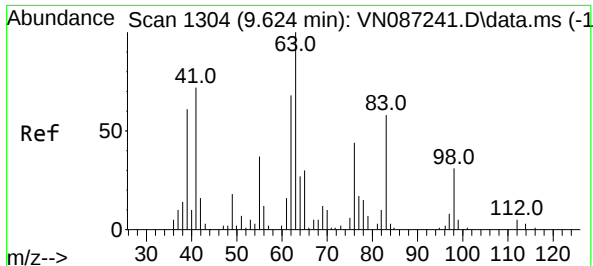
Tgt Ion: 43 Resp: 269653
Ion Ratio Lower Upper
43 100
61 27.7 22.4 33.6
87 16.7 12.8 19.2



#44
Trichloroethene
Concen: 53.285 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion:130 Resp: 136381
Ion Ratio Lower Upper
130 100
95 90.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 53.081 ug/l

RT: 9.624 min Scan# 111478

Delta R.T. -0.000 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

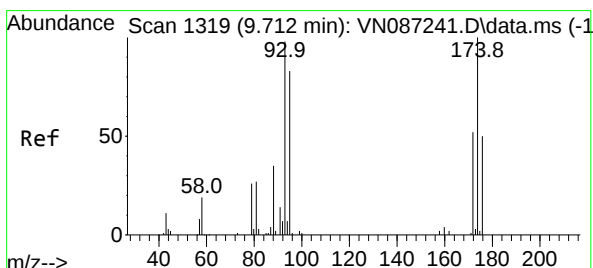
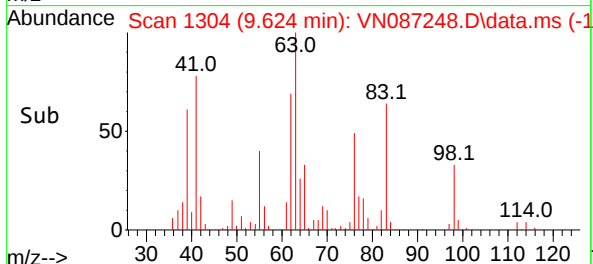
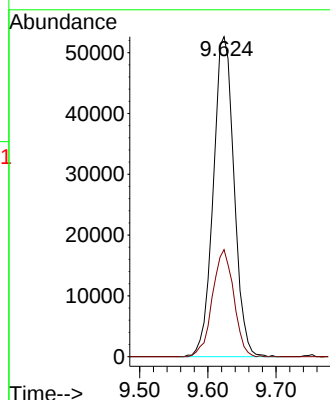
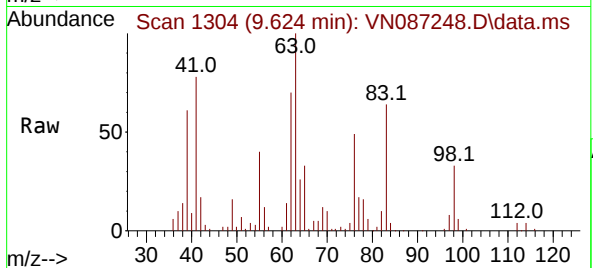
VSTDCCC050

Tgt Ion: 63 Resp: 111478

Ion Ratio Lower Upper

63 100

65 33.4 23.8 35.8



#46

Dibromomethane

Concen: 51.247 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

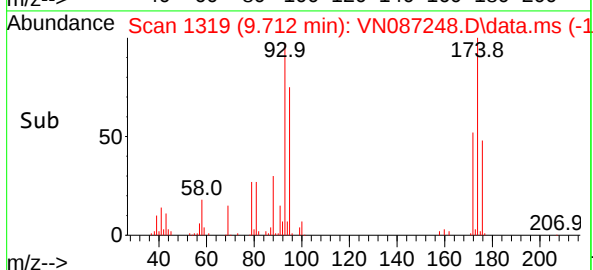
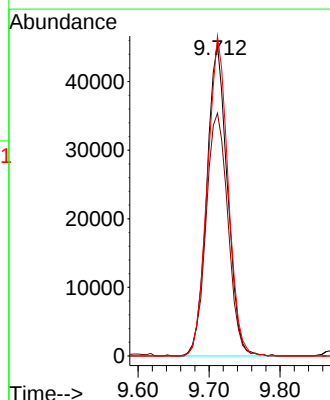
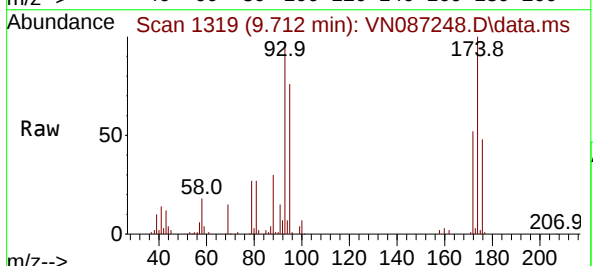
Tgt Ion: 93 Resp: 91558

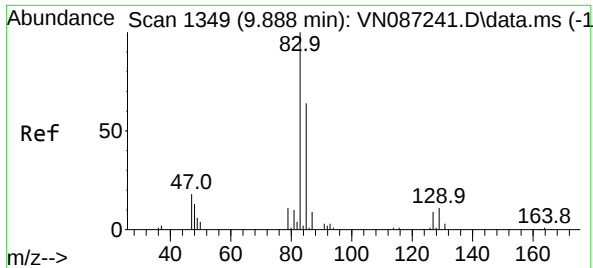
Ion Ratio Lower Upper

93 100

95 83.0 66.1 99.1

174 103.1 81.8 122.6

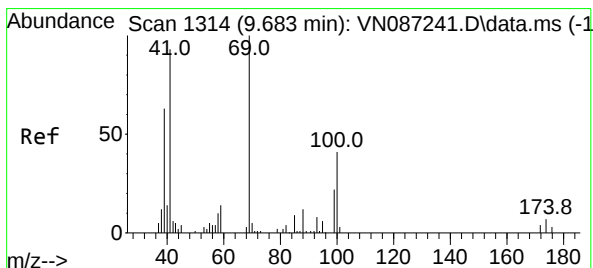
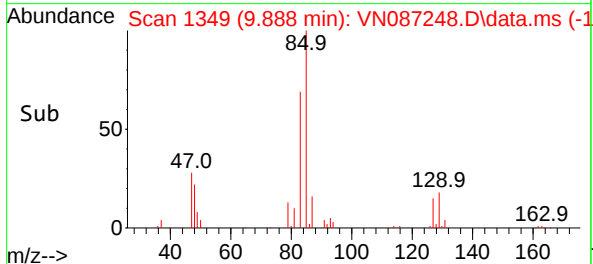
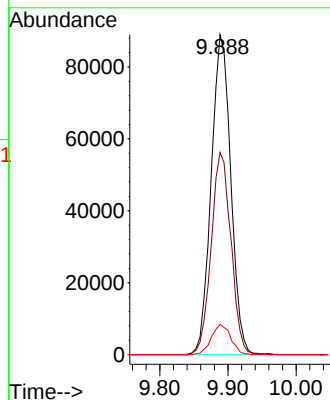
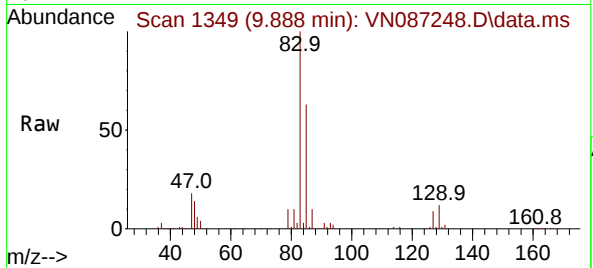




#47
Bromodichloromethane
Concen: 52.249 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

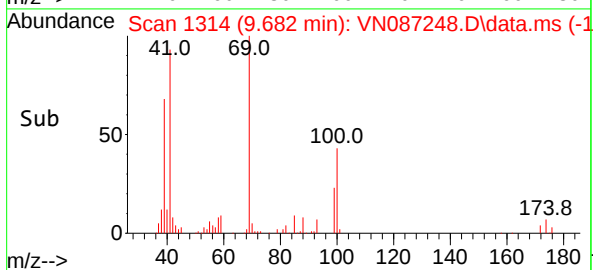
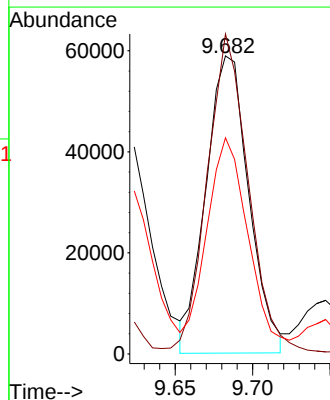
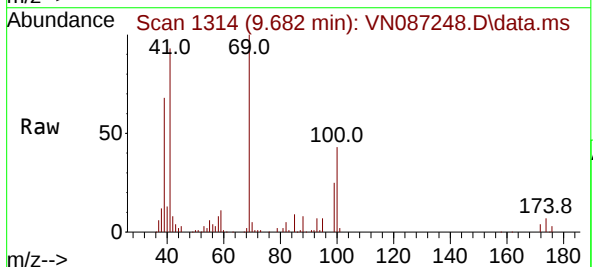
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

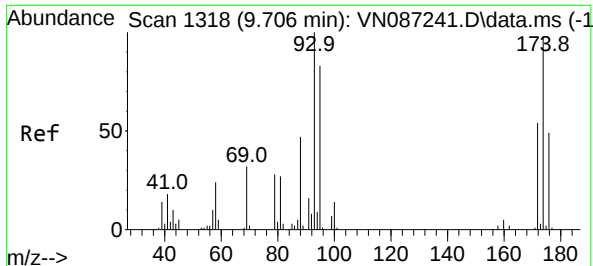
Tgt Ion: 83 Resp: 178034
Ion Ratio Lower Upper
83 100
85 63.2 51.2 76.8
127 9.5 7.0 10.4



#48
Methyl methacrylate
Concen: 51.804 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion: 41 Resp: 113167
Ion Ratio Lower Upper
41 100
69 103.9 81.4 122.2
39 71.3 56.9 85.3





#49

1,4-Dioxane

Concen: 962.424 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

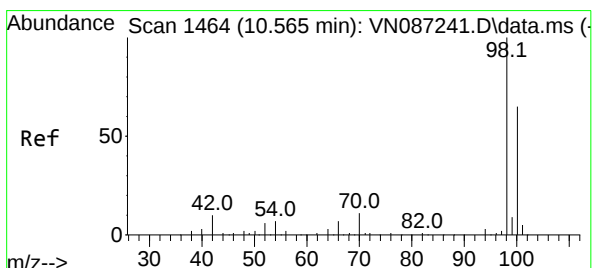
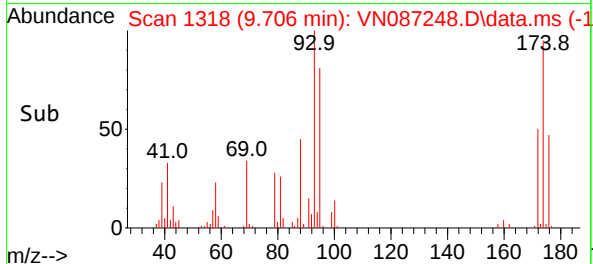
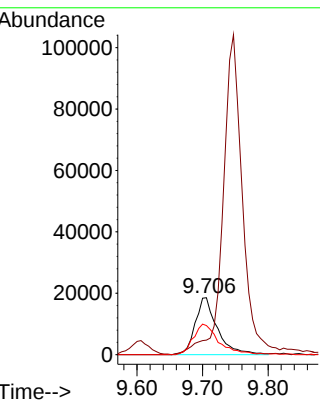
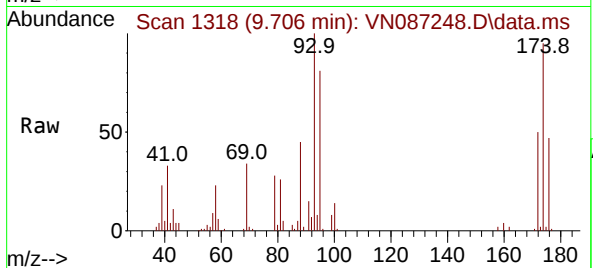
Tgt Ion: 88 Resp: 43760

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 62.1 47.8 71.8



#50

Toluene-d8

Concen: 49.362 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN087248.D

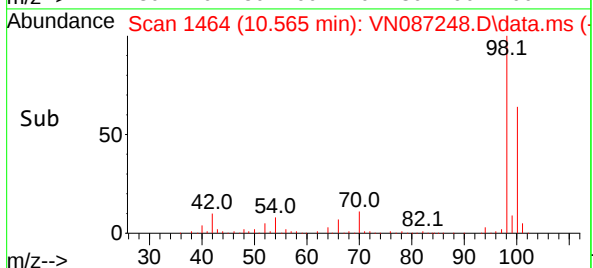
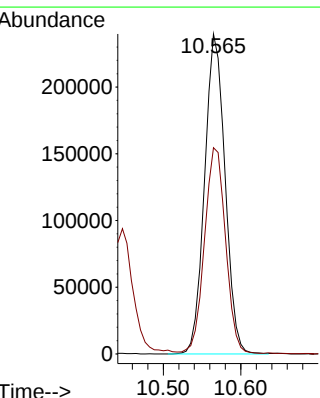
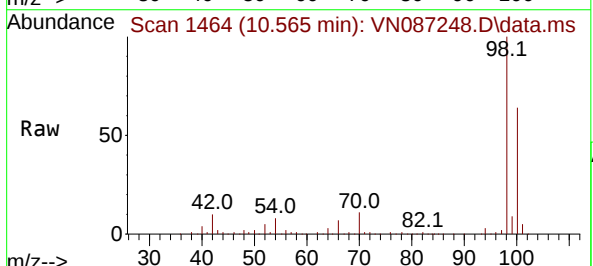
Acq: 01 Jul 2025 09:25

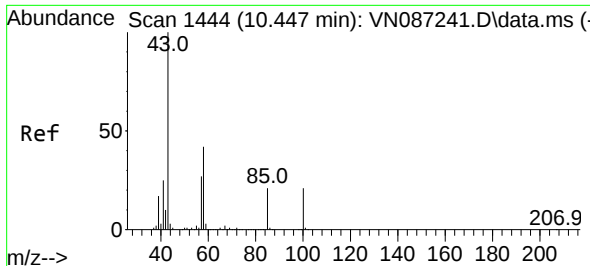
Tgt Ion: 98 Resp: 439891

Ion Ratio Lower Upper

98 100

100 66.2 52.1 78.1

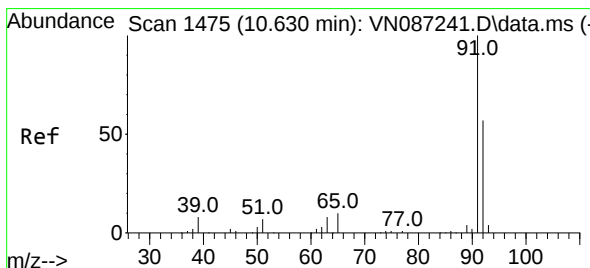
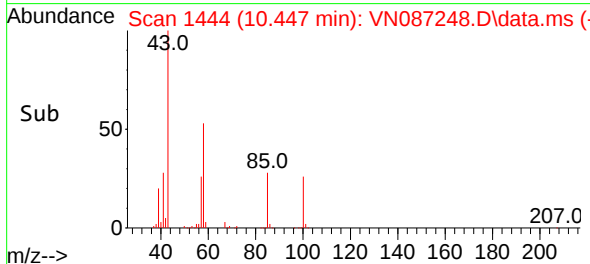
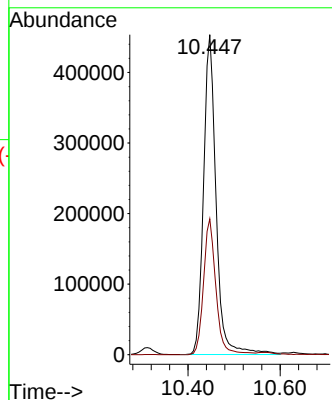
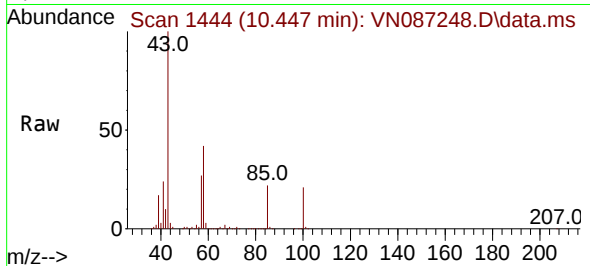




#51
4-Methyl-2-Pentanone
Concen: 271.430 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

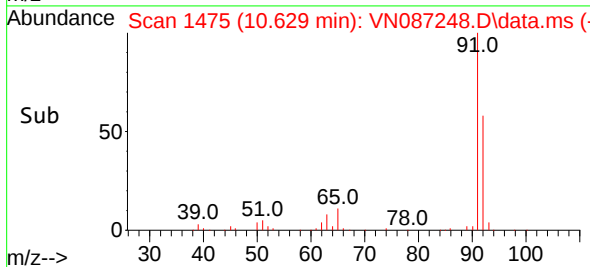
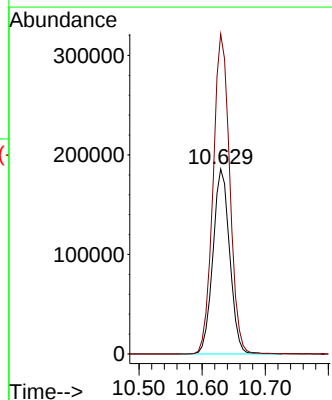
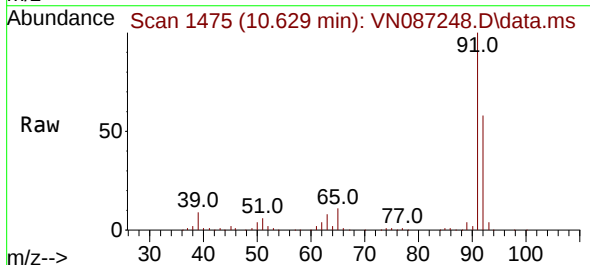
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

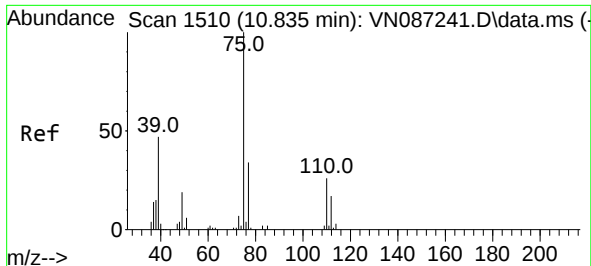
Tgt Ion: 43 Resp: 860785
Ion Ratio Lower Upper
43 100
58 42.0 34.2 51.2



#52
Toluene
Concen: 54.026 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion: 92 Resp: 341286
Ion Ratio Lower Upper
92 100
91 172.8 137.8 206.6

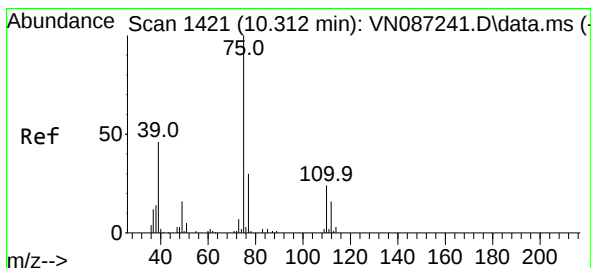
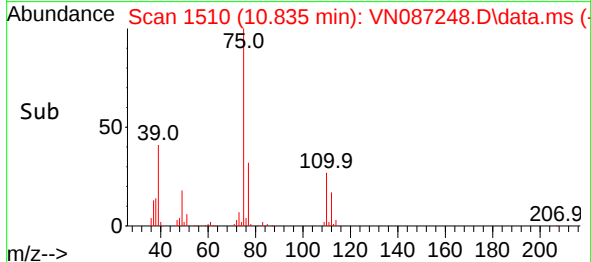
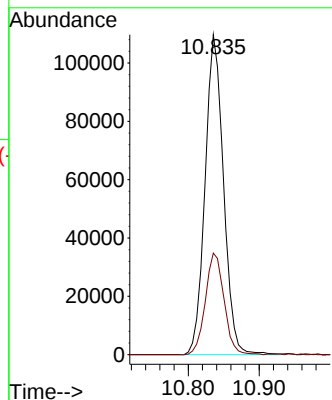
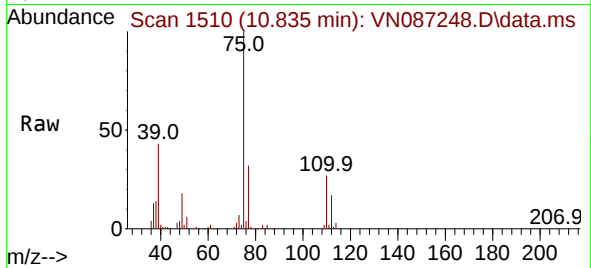




#53
 t-1,3-Dichloropropene
 Concen: 54.283 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN087248.D
 Acq: 01 Jul 2025 09:25

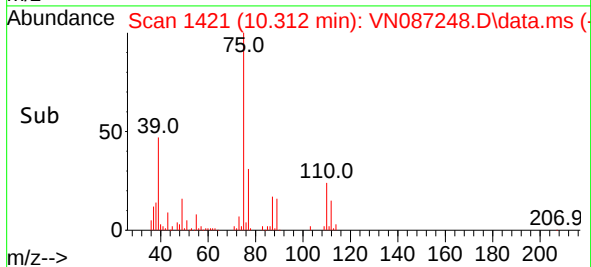
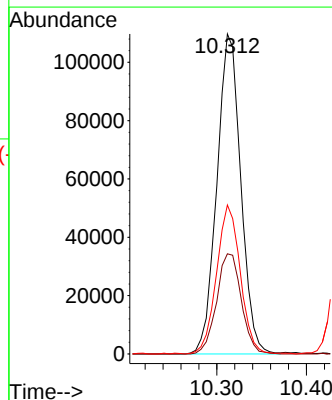
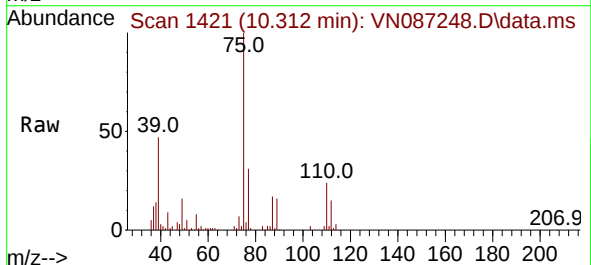
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

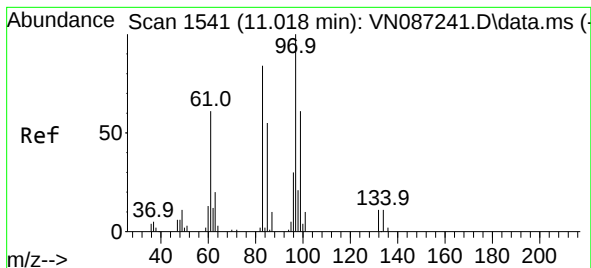
Tgt Ion: 75 Resp: 198388
 Ion Ratio Lower Upper
 75 100
 77 31.8 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 54.489 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN087248.D
 Acq: 01 Jul 2025 09:25

Tgt Ion: 75 Resp: 202898
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.1 36.1
 39 46.4 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 53.207 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 126969

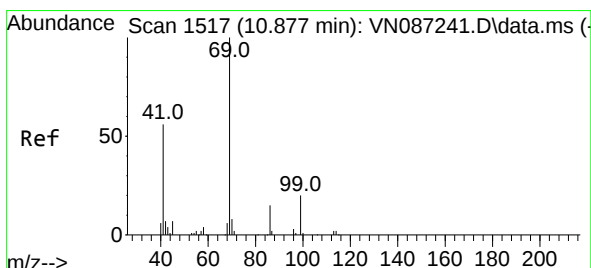
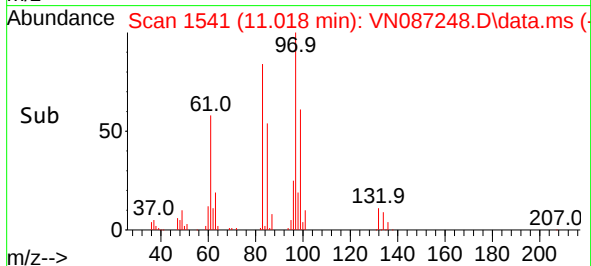
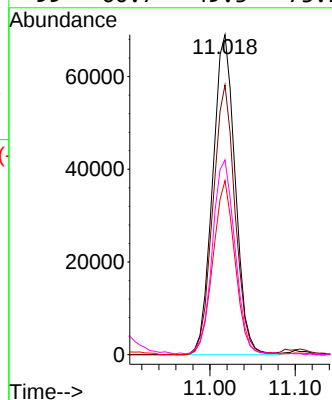
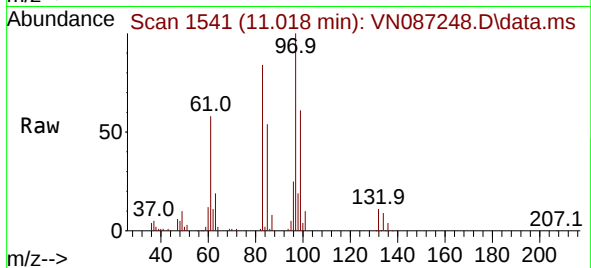
Ion Ratio Lower Upper

97 100

83 84.3 67.4 101.2

85 54.4 43.6 65.4

99 60.7 49.3 73.9



#56

Ethyl methacrylate

Concen: 54.261 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.001 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

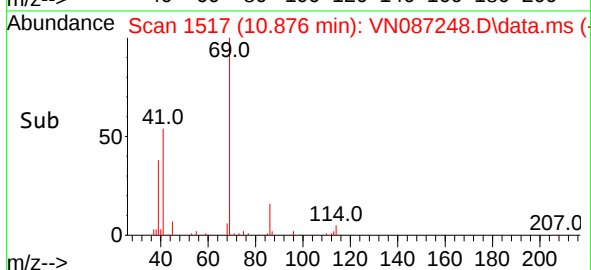
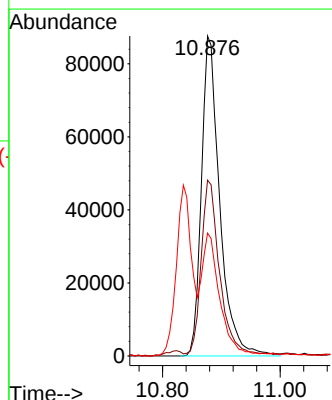
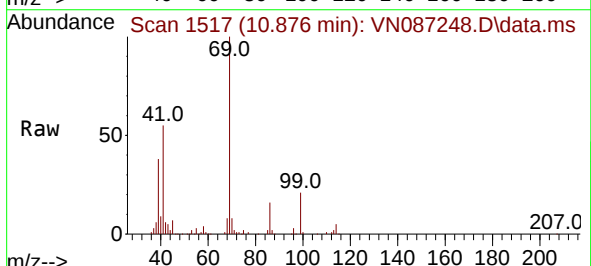
Tgt Ion: 69 Resp: 189705

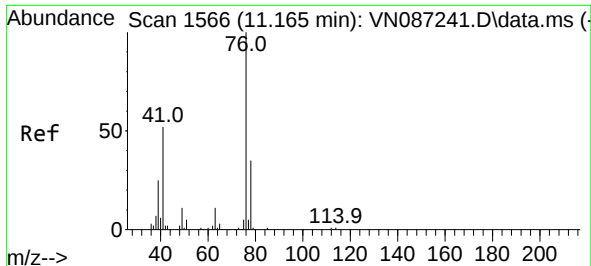
Ion Ratio Lower Upper

69 100

41 54.9 44.2 66.4

39 36.3 29.5 44.3





#57

1,3-Dichloropropane

Concen: 52.489 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

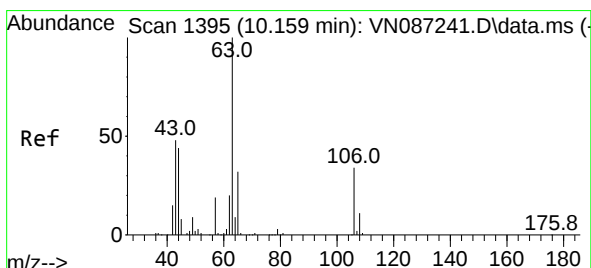
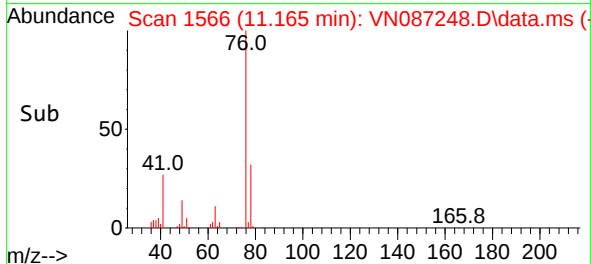
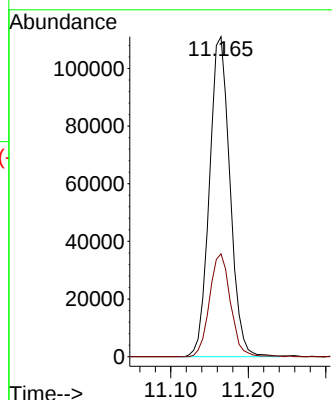
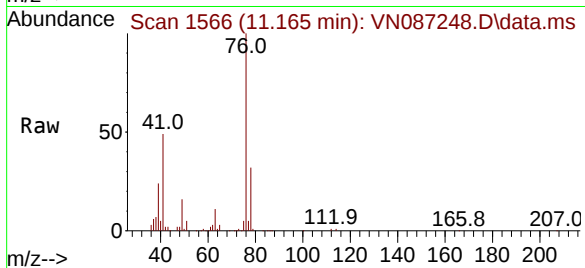
VSTDCCC050

Tgt Ion: 76 Resp: 204433

Ion Ratio Lower Upper

76 100

78 32.8 27.1 40.7



#58

2-Chloroethyl Vinyl ether

Concen: 305.448 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN087248.D

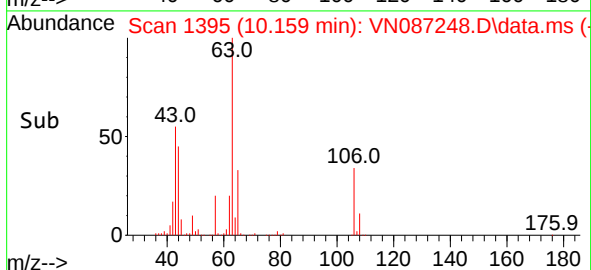
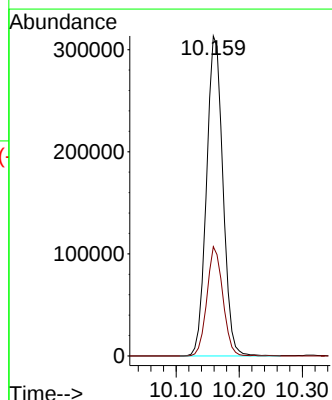
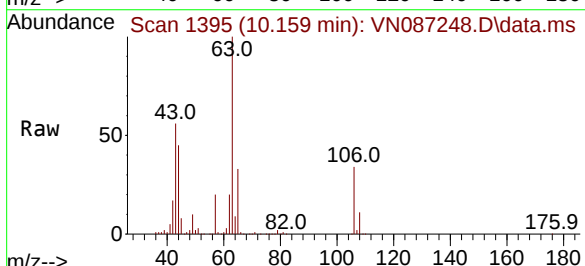
Acq: 01 Jul 2025 09:25

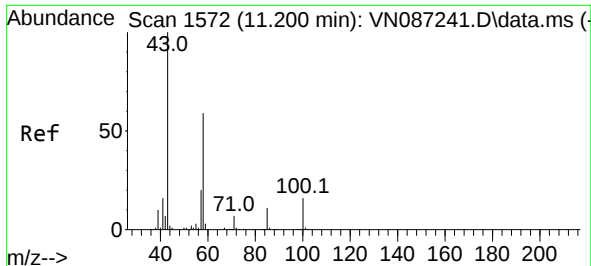
Tgt Ion: 63 Resp: 564398

Ion Ratio Lower Upper

63 100

106 33.2 26.9 40.3

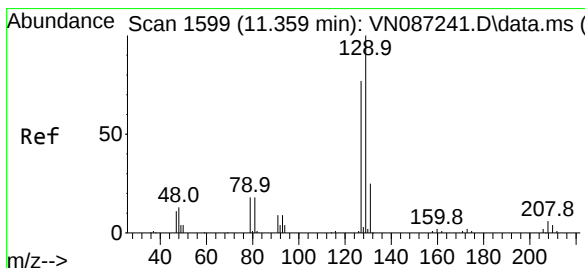
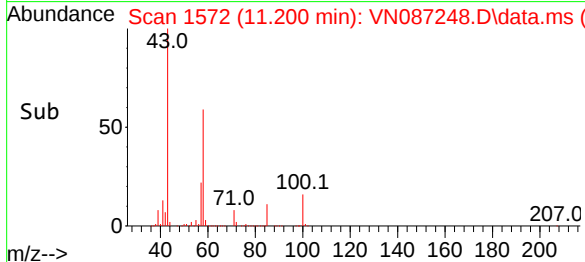
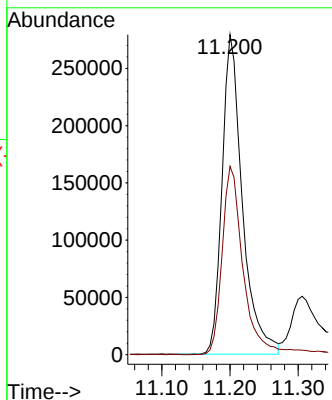
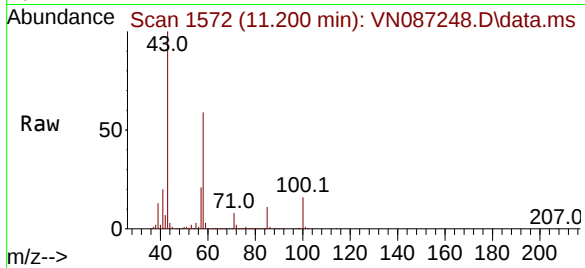




#59
2-Hexanone
Concen: 255.151 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

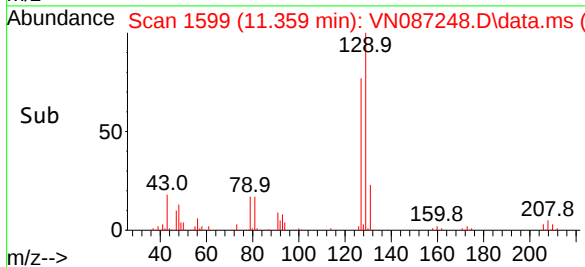
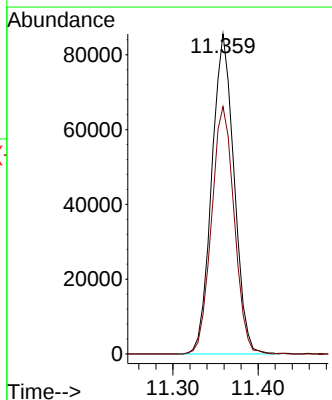
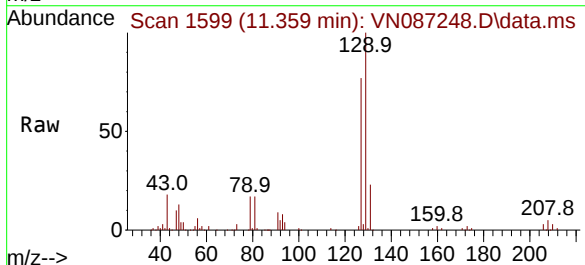
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

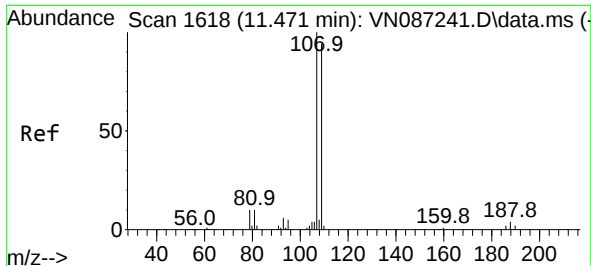
Tgt Ion: 43 Resp: 579604
Ion Ratio Lower Upper
43 100
58 62.9 31.1 93.3



#60
Dibromochloromethane
Concen: 55.312 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion:129 Resp: 155595
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.9

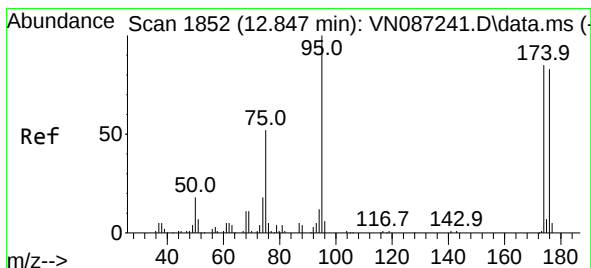
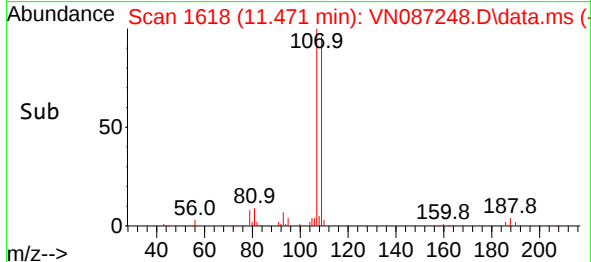
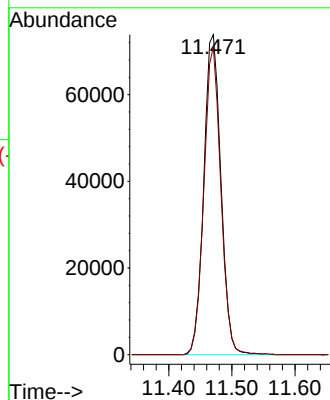
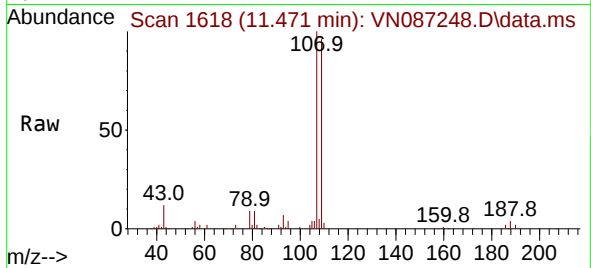




#61
1,2-Dibromoethane
Concen: 54.205 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

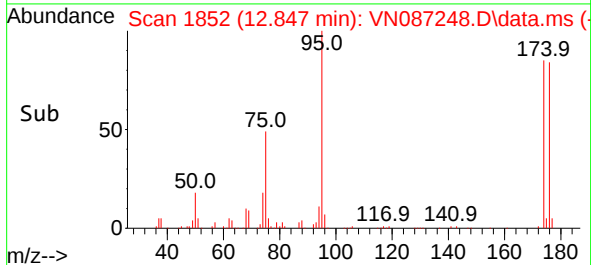
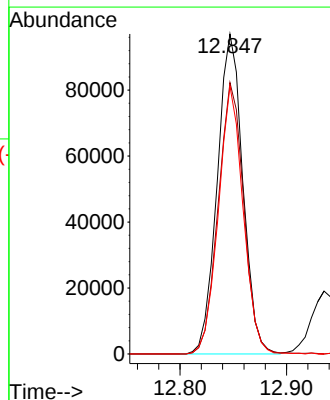
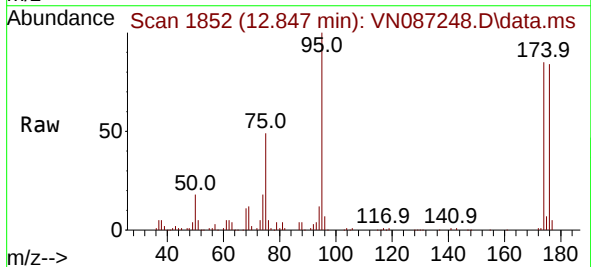
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

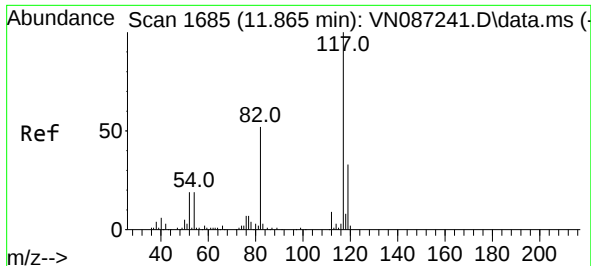
Tgt Ion:107 Resp: 139140
Ion Ratio Lower Upper
107 100
109 94.8 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 50.946 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion: 95 Resp: 161537
Ion Ratio Lower Upper
95 100
174 84.9 0.0 169.6
176 81.1 0.0 161.6

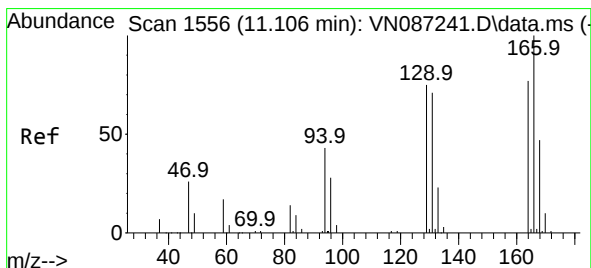
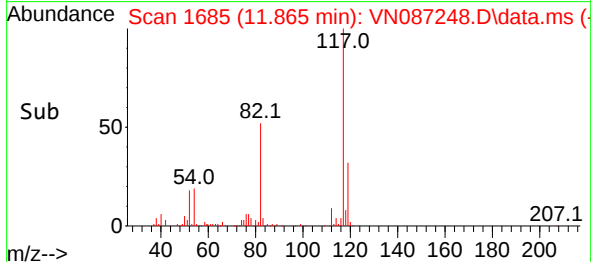
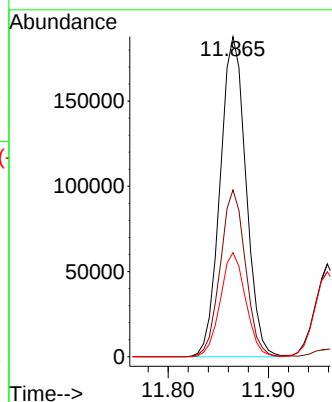
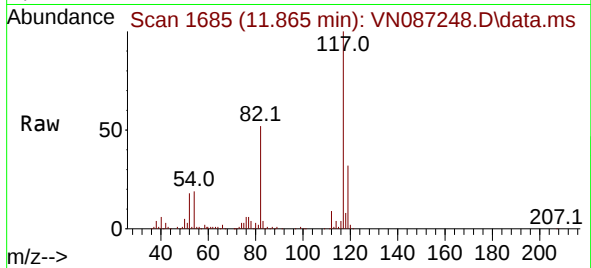




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

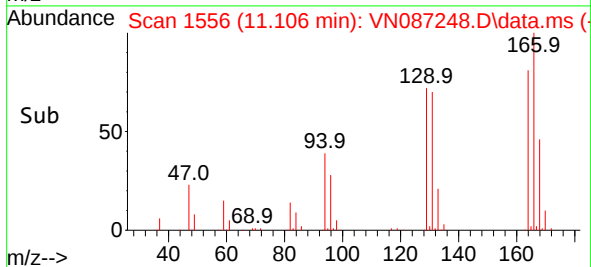
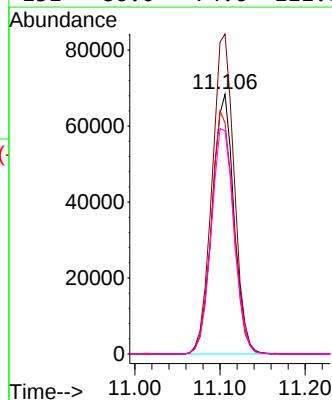
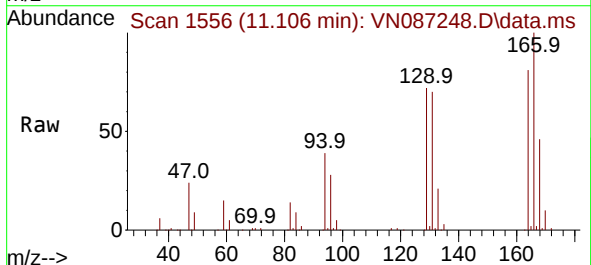
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

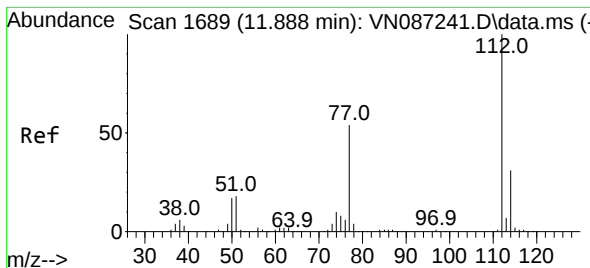
Tgt Ion:117 Resp: 335097
Ion Ratio Lower Upper
117 100
82 52.1 41.9 62.9
119 32.5 26.2 39.4



#64
Tetrachloroethene
Concen: 54.353 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion:164 Resp: 121438
Ion Ratio Lower Upper
164 100
166 123.2 104.3 156.5
129 89.0 78.5 117.7
131 86.0 74.6 111.8

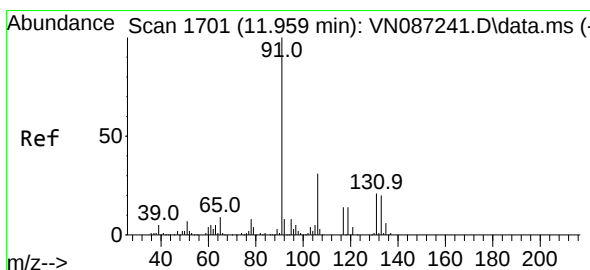
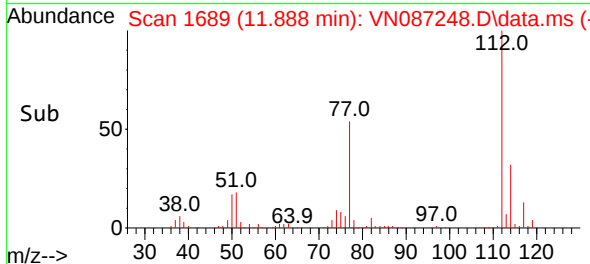
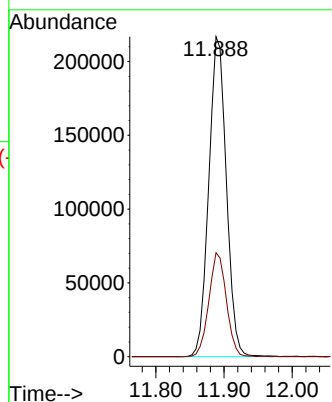
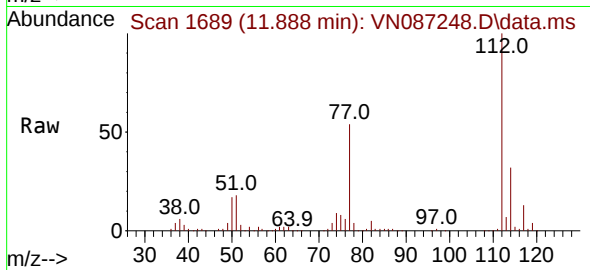




#65
Chlorobenzene
Concen: 51.778 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

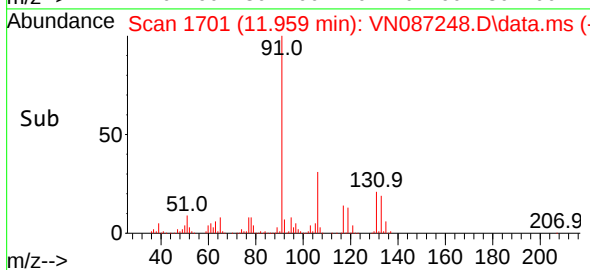
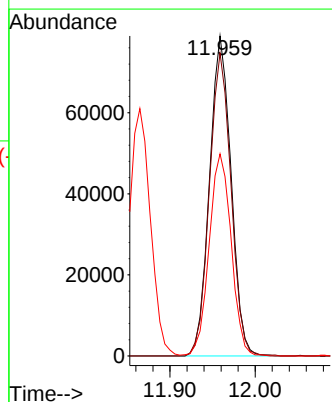
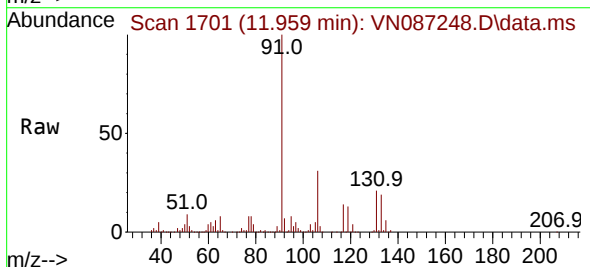
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

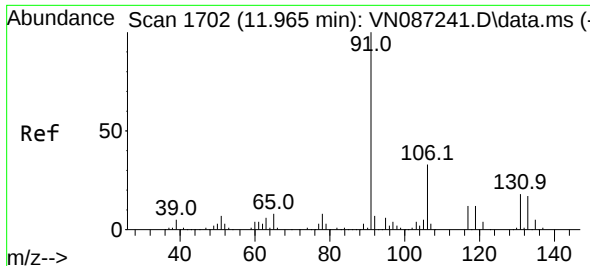
Tgt Ion:112 Resp: 389324
Ion Ratio Lower Upper
112 100
114 32.5 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.434 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion:131 Resp: 138732
Ion Ratio Lower Upper
131 100
133 94.8 47.2 141.6
119 64.6 32.4 97.2

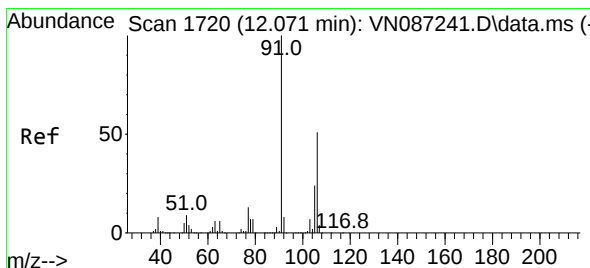
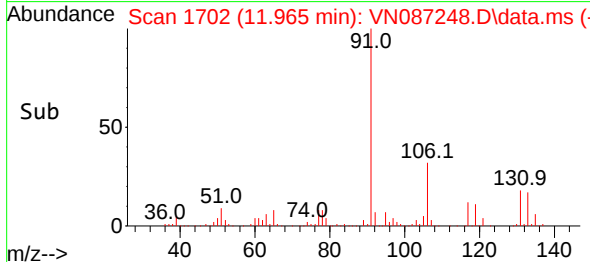
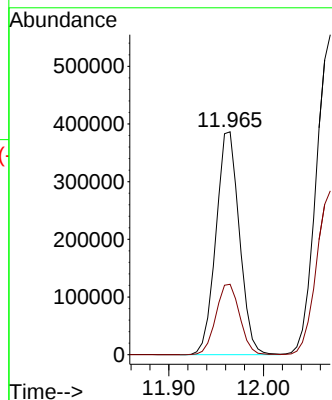
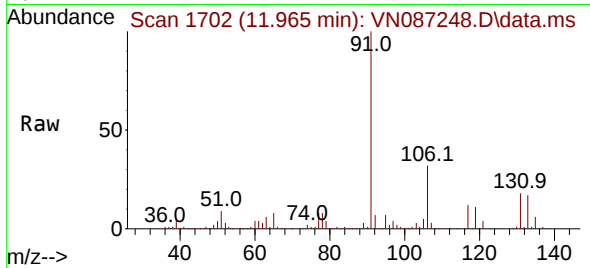




#67
Ethyl Benzene
Concen: 54.603 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

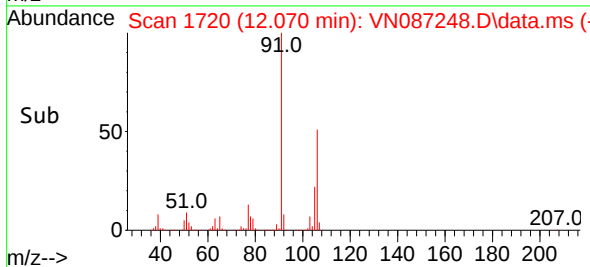
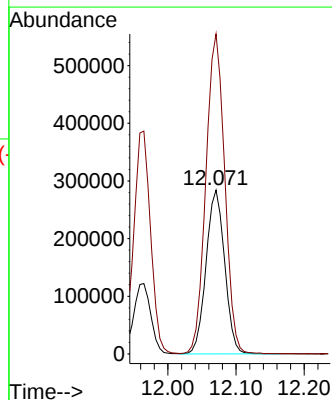
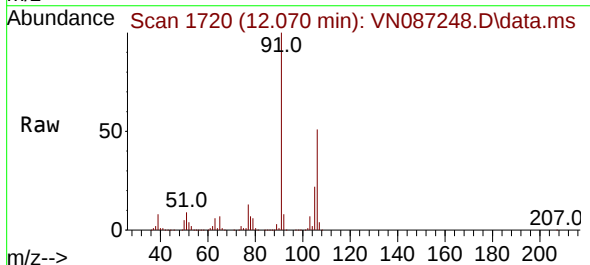
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

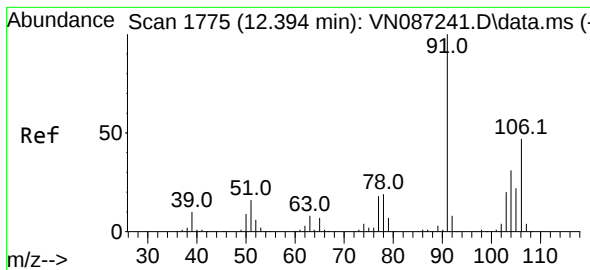
Tgt Ion: 91 Resp: 664351
Ion Ratio Lower Upper
91 100
106 31.6 26.2 39.4



#68
m/p-Xylenes
Concen: 110.707 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion:106 Resp: 538159
Ion Ratio Lower Upper
106 100
91 197.8 158.2 237.2

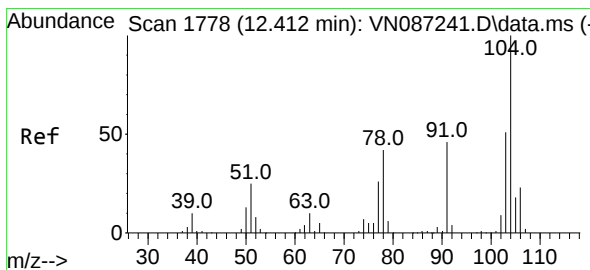
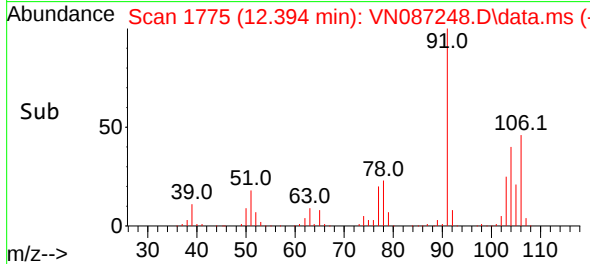
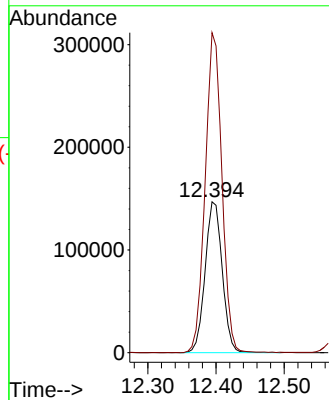
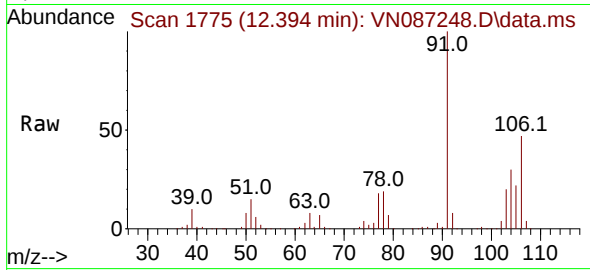




#69
o-Xylene
Concen: 56.481 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

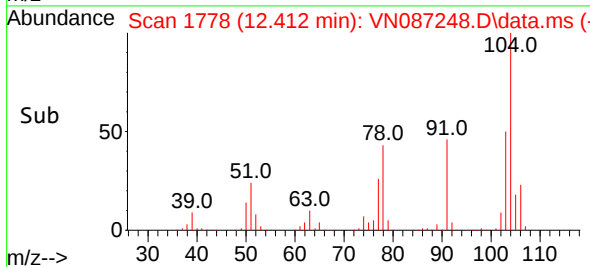
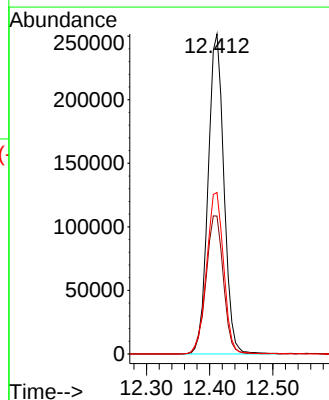
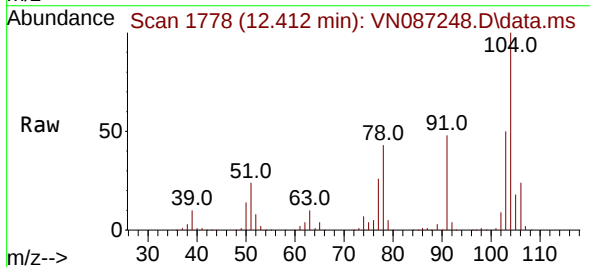
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

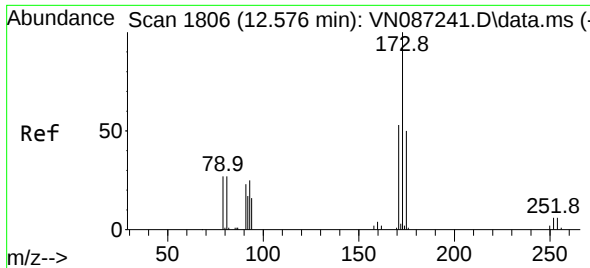
Tgt Ion:106 Resp: 256836
Ion Ratio Lower Upper
106 100
91 207.4 105.4 316.1



#70
Styrene
Concen: 56.810 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion:104 Resp: 439030
Ion Ratio Lower Upper
104 100
78 47.4 37.6 56.4
103 54.4 44.0 66.0

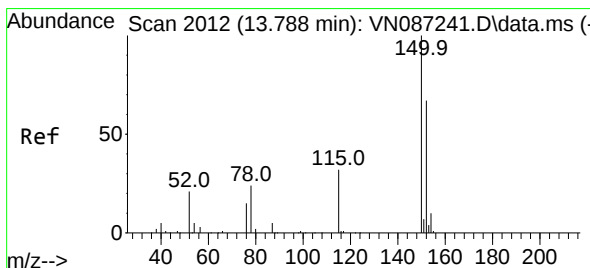
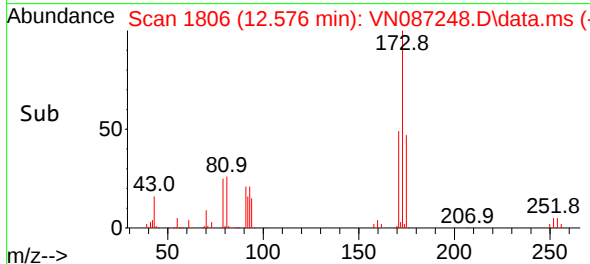
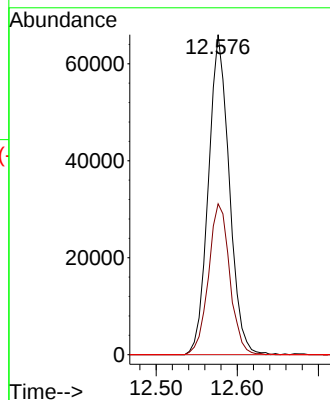
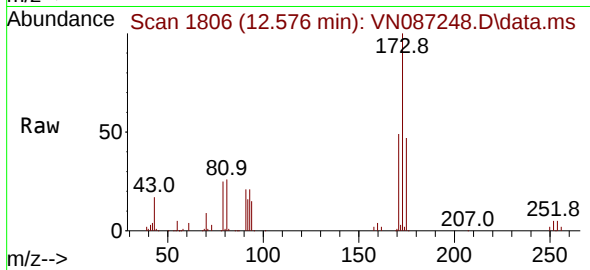




#71
Bromoform
Concen: 58.782 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

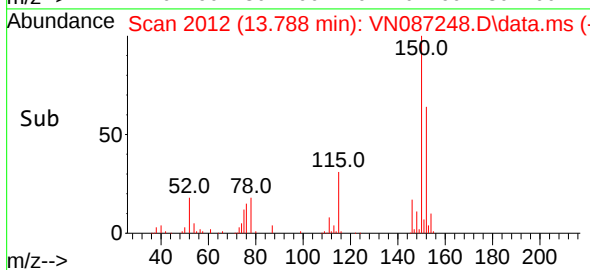
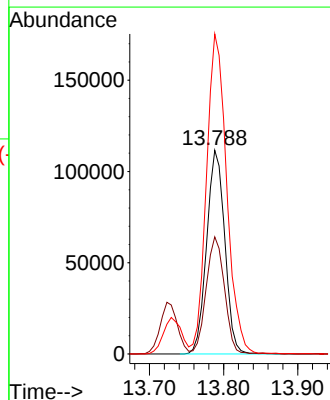
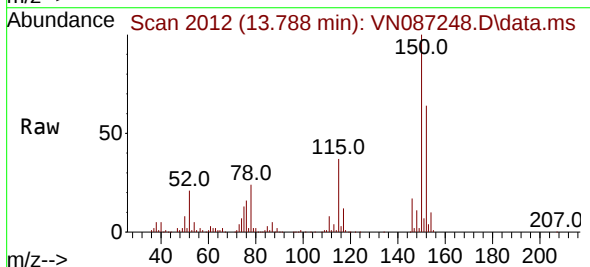
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

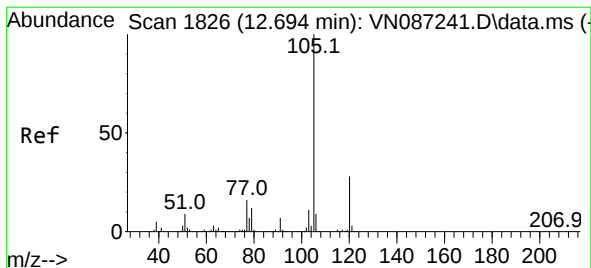
Tgt Ion:173 Resp: 117743
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion:152 Resp: 189617
Ion Ratio Lower Upper
152 100
115 58.2 28.3 84.9
150 175.2 0.0 344.6





#73

Isopropylbenzene

Concen: 53.903 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

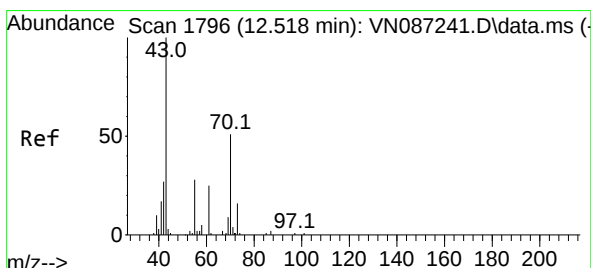
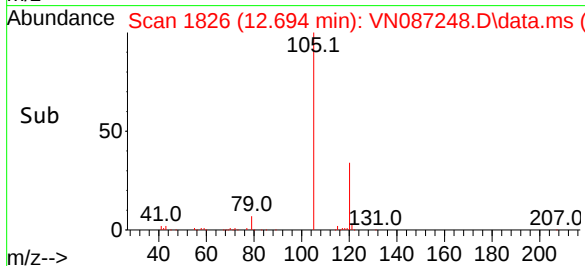
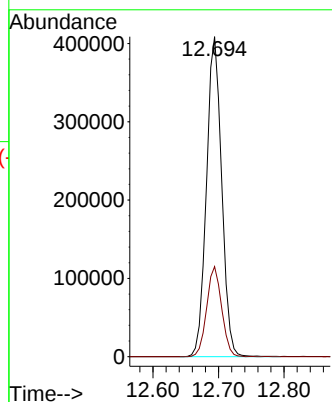
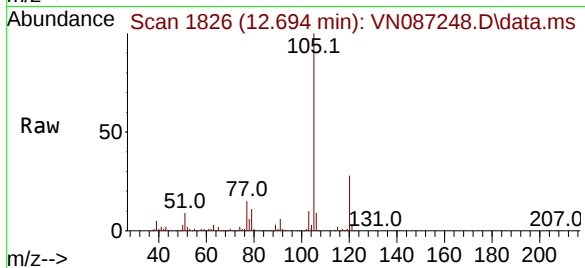
VSTDCCC050

Tgt Ion:105 Resp: 658569

Ion Ratio Lower Upper

105 100

120 27.8 13.9 41.6



#74

N-ethyl acetate

Concen: 43.878 ug/l

RT: 12.512 min Scan# 1795

Delta R.T. -0.006 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

Tgt Ion: 43 Resp: 176295

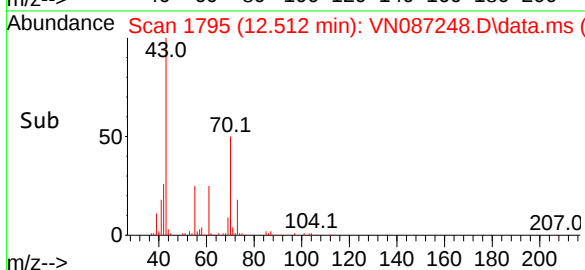
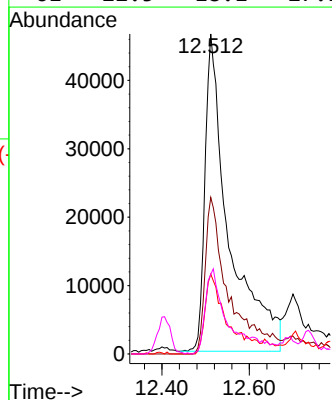
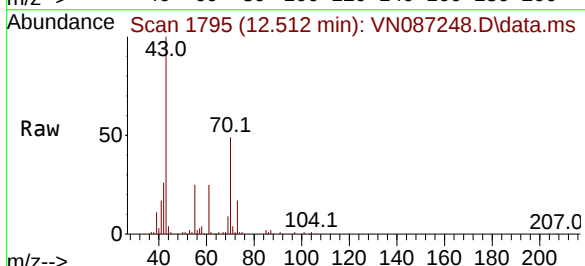
Ion Ratio Lower Upper

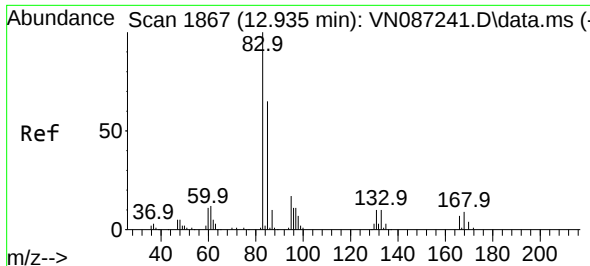
43 100

70 49.4 29.2 43.8#

55 23.2 17.0 25.4

61 22.5 18.1 27.1

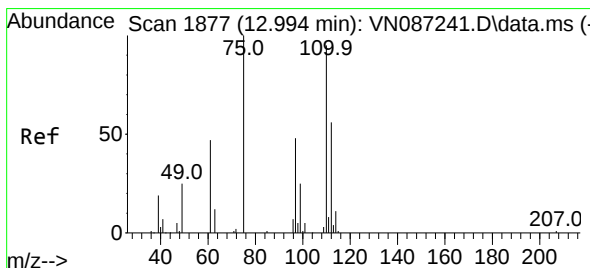
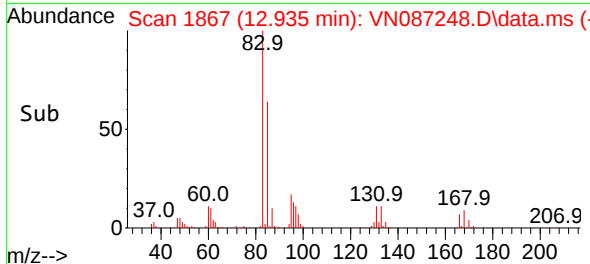
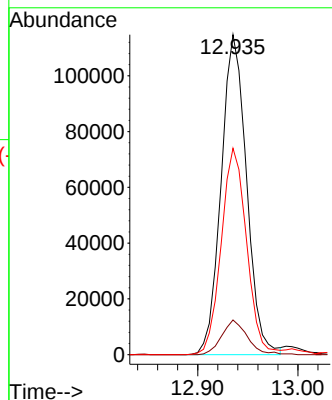
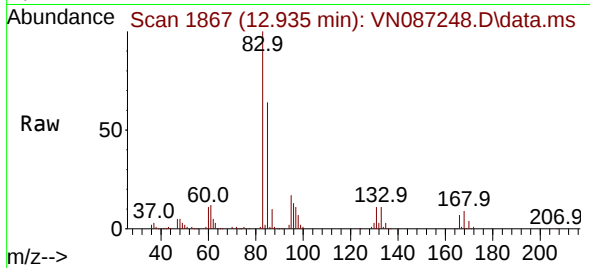




#75
1,1,2,2-Tetrachloroethane
Concen: 50.247 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

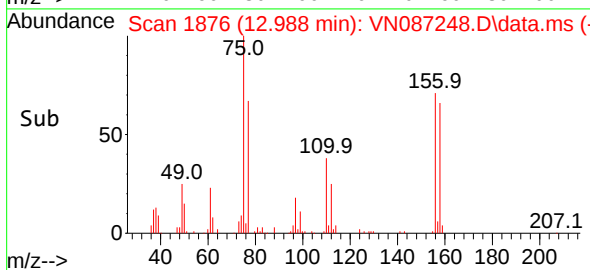
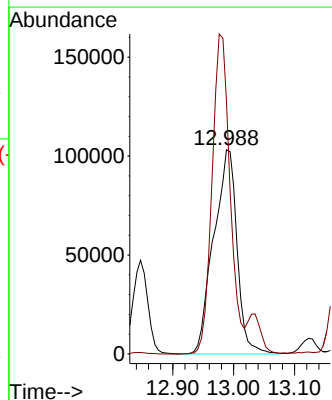
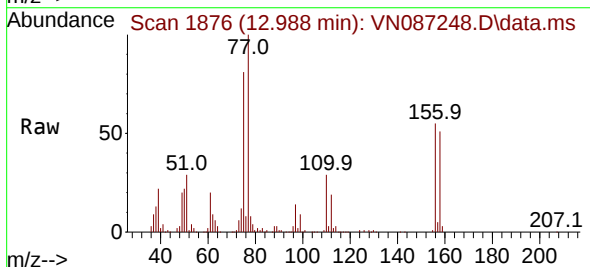
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

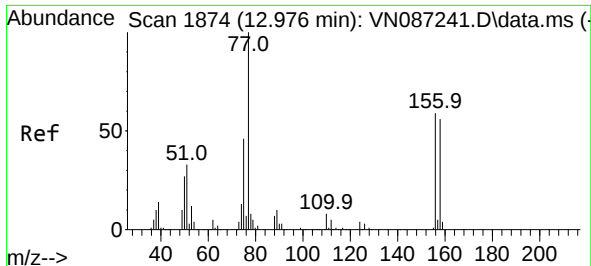
Tgt Ion: 83 Resp: 201930
Ion Ratio Lower Upper
83 100
131 10.9 5.3 15.9
85 64.3 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 76.265 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion: 75 Resp: 275062
Ion Ratio Lower Upper
75 100
77 120.7 82.0 245.8

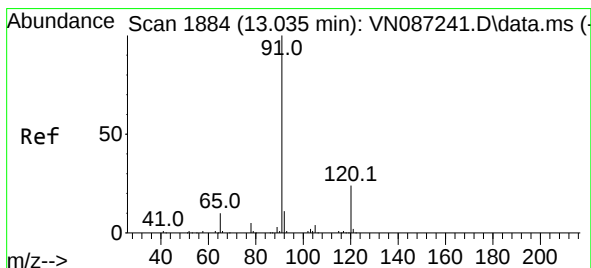
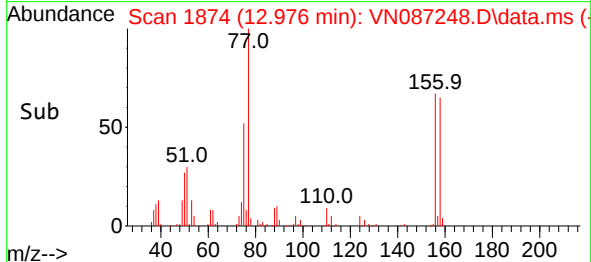
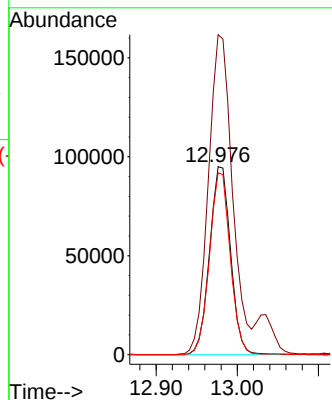
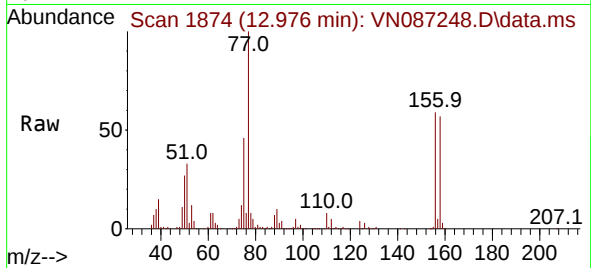




#77
Bromobenzene
Concen: 53.522 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

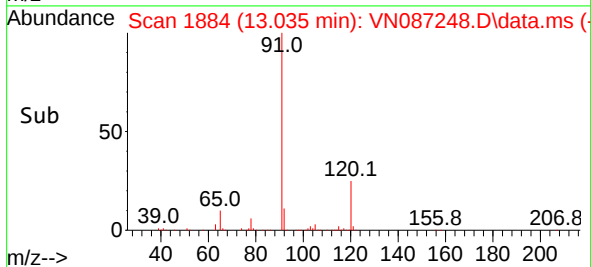
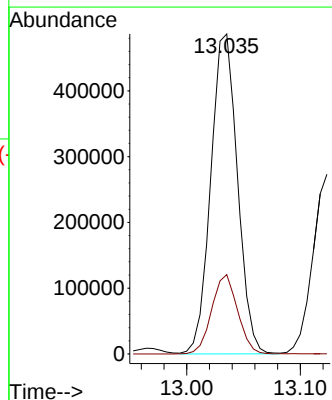
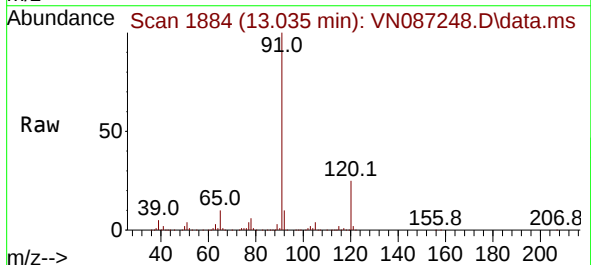
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

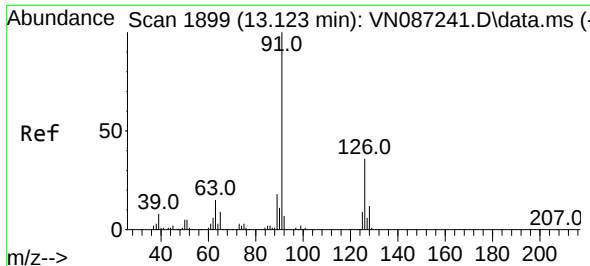
Tgt Ion:156 Resp: 170698
Ion Ratio Lower Upper
156 100
77 194.5 98.0 294.1
158 95.7 47.7 143.1



#78
n-propylbenzene
Concen: 53.849 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion: 91 Resp: 794711
Ion Ratio Lower Upper
91 100
120 24.0 12.0 36.0

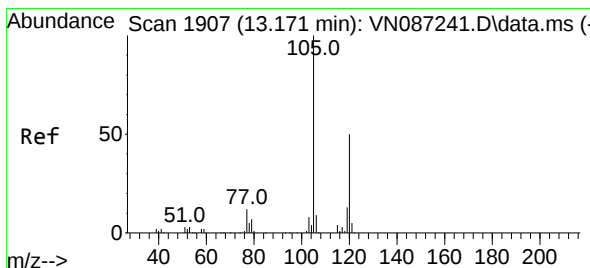
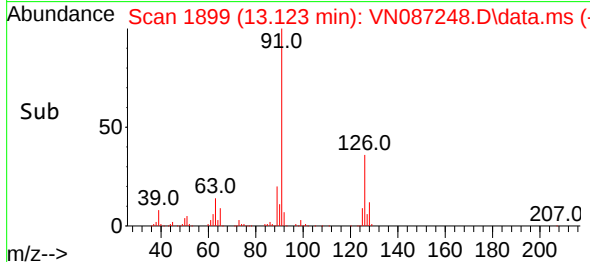
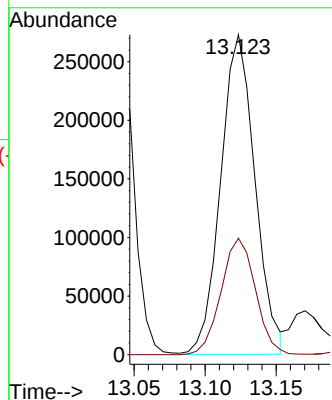
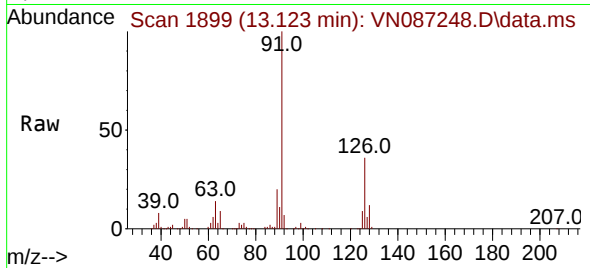




#79
2-Chlorotoluene
Concen: 52.212 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

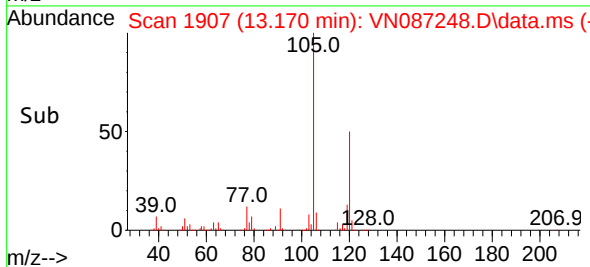
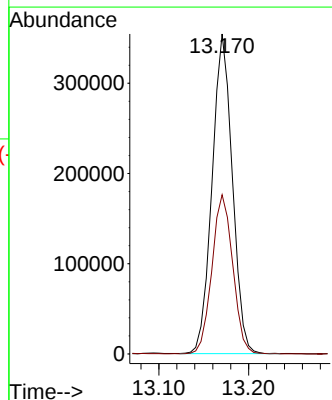
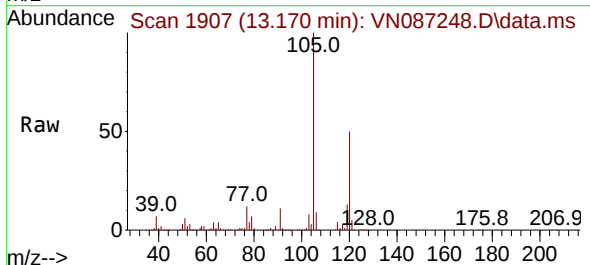
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

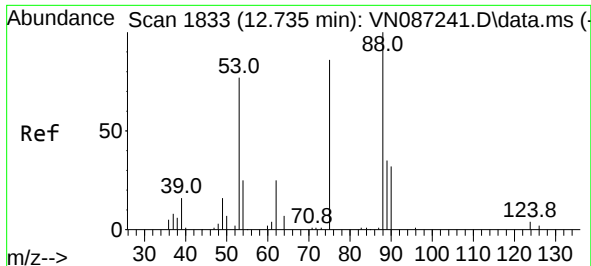
Tgt Ion: 91 Resp: 458589
Ion Ratio Lower Upper
91 100
126 36.5 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 54.355 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion:105 Resp: 555097
Ion Ratio Lower Upper
105 100
120 51.4 25.3 75.8

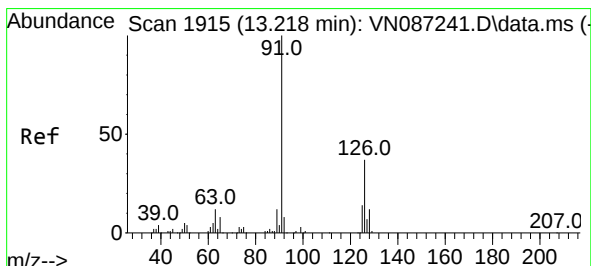
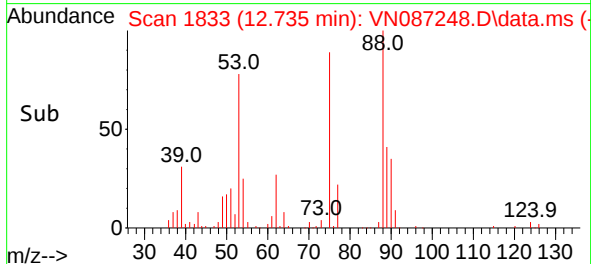
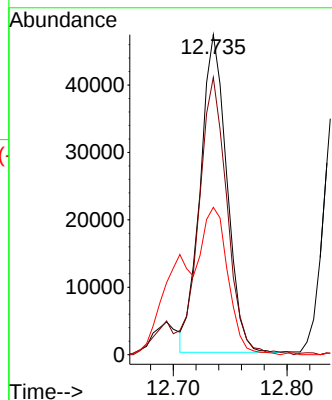
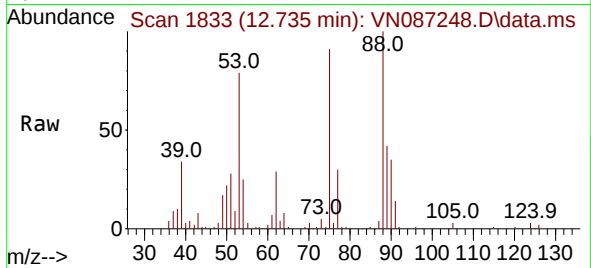




#81
trans-1,4-Dichloro-2-butene
Concen: 49.675 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

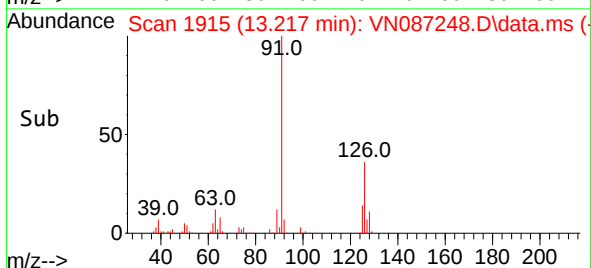
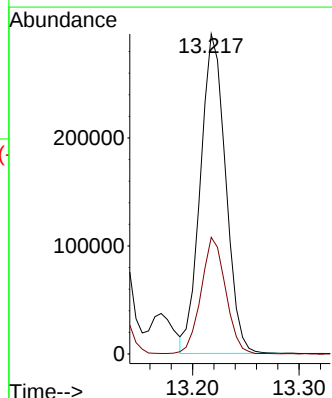
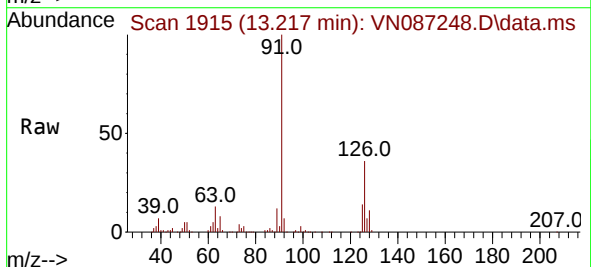
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

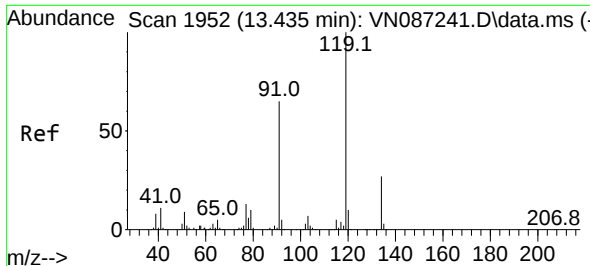
Tgt Ion: 75 Resp: 76274
Ion Ratio Lower Upper
75 100
53 93.3 70.6 105.8
89 47.2 36.1 54.1



#82
4-Chlorotoluene
Concen: 52.919 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.001 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion: 91 Resp: 486553
Ion Ratio Lower Upper
91 100
126 35.8 18.2 54.6

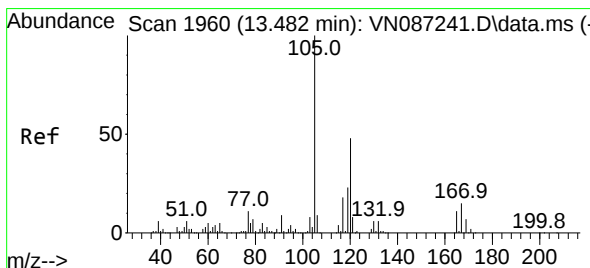
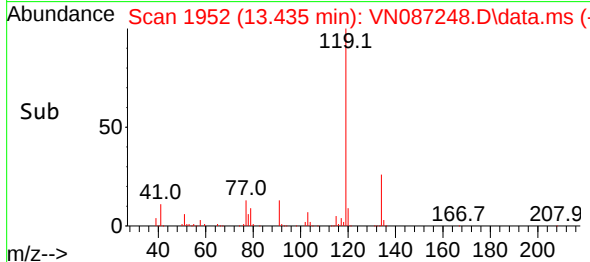
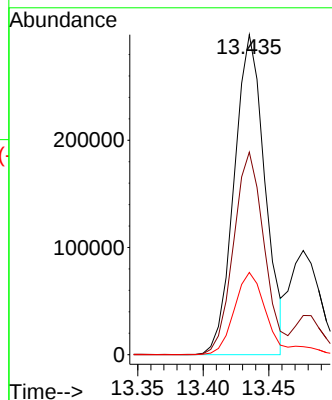
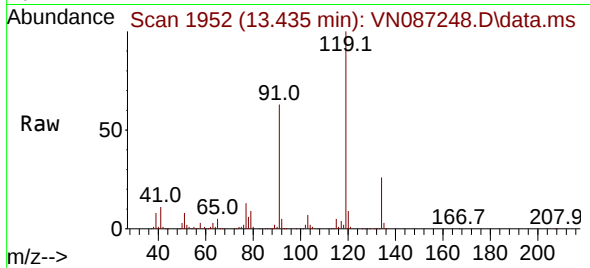




#83
tert-Butylbenzene
Concen: 54.447 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

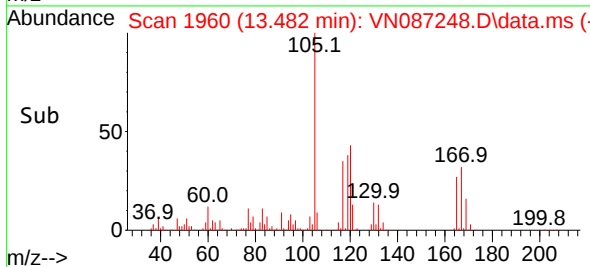
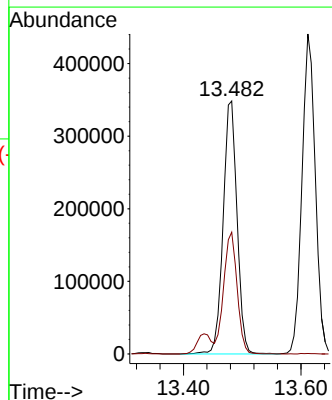
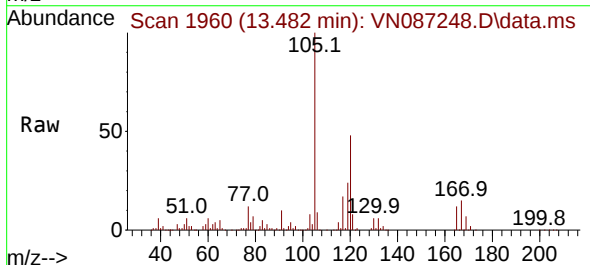
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

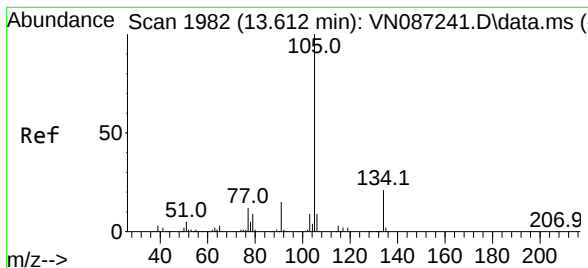
Tgt Ion:119 Resp: 487158
Ion Ratio Lower Upper
119 100
91 63.5 32.5 97.4
134 28.0 14.2 42.8



#84
1,2,4-Trimethylbenzene
Concen: 55.911 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion:105 Resp: 571966
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.9

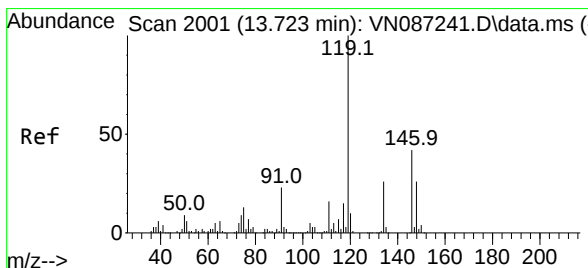
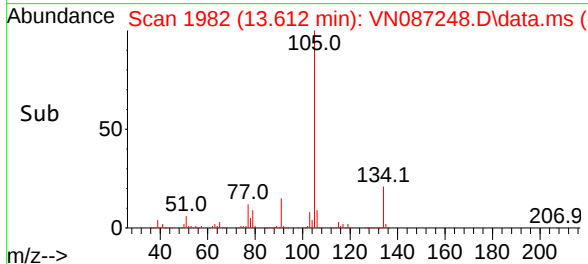
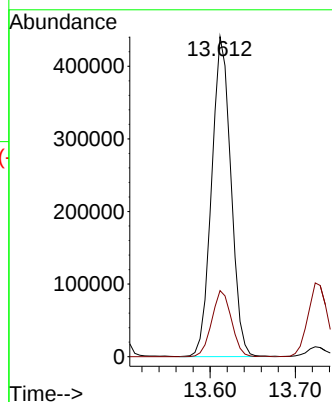
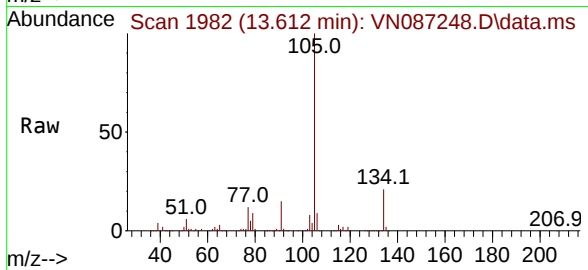




#85
 sec-Butylbenzene
 Concen: 54.658 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN087248.D
 Acq: 01 Jul 2025 09:25

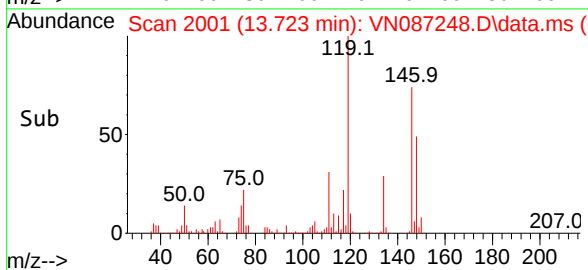
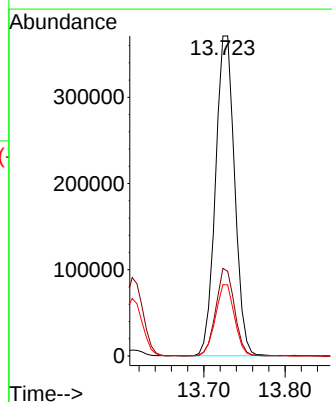
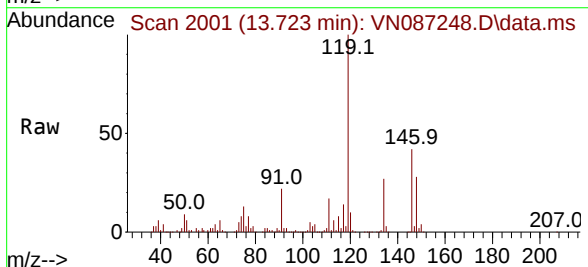
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

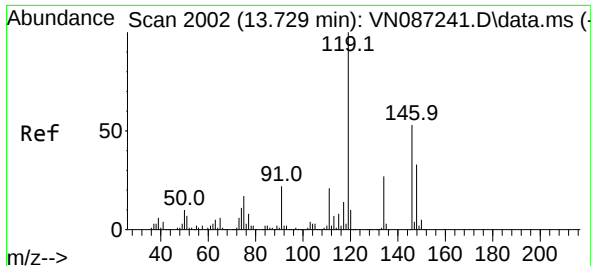
Tgt Ion:105 Resp: 693208
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 55.772 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN087248.D
 Acq: 01 Jul 2025 09:25

Tgt Ion:119 Resp: 607995
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 22.2 11.3 33.9

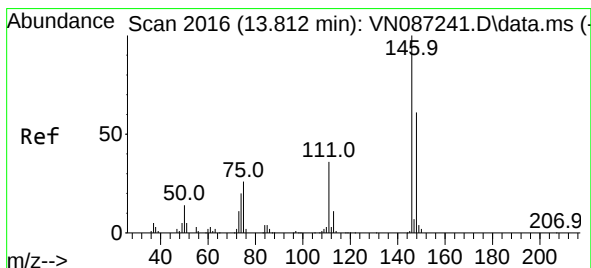
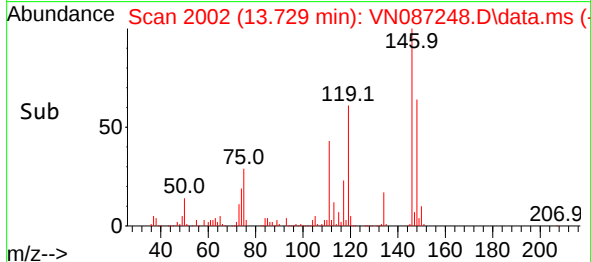
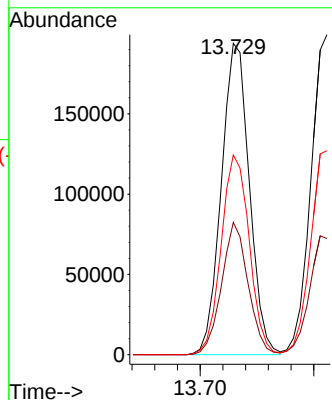
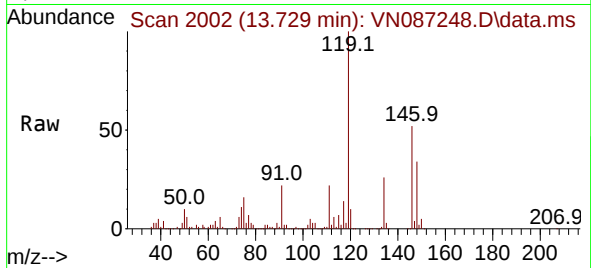




#87
1,3-Dichlorobenzene
Concen: 52.340 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

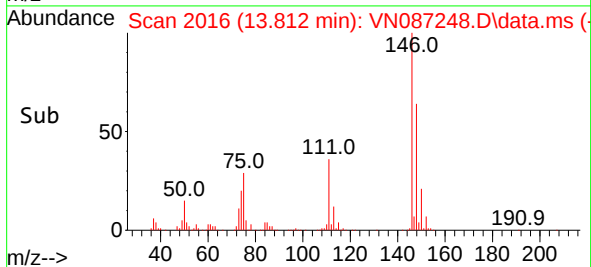
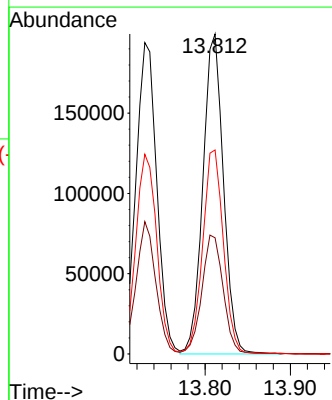
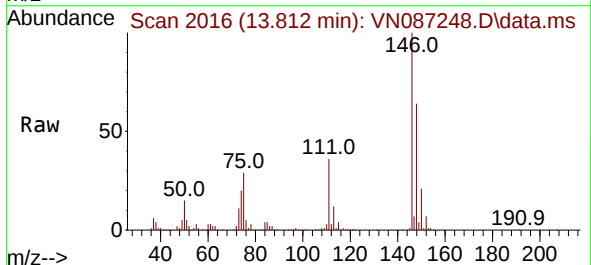
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

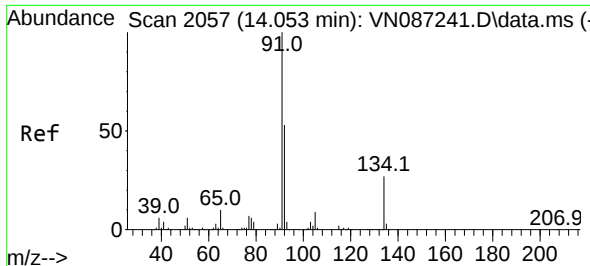
Tgt Ion:146 Resp: 332440
Ion Ratio Lower Upper
146 100
111 40.3 19.8 59.4
148 64.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 50.396 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion:146 Resp: 334223
Ion Ratio Lower Upper
146 100
111 38.1 19.1 57.5
148 64.6 31.8 95.3

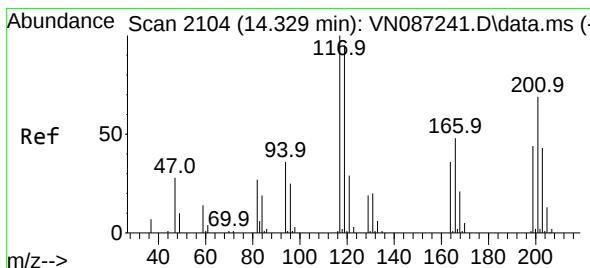
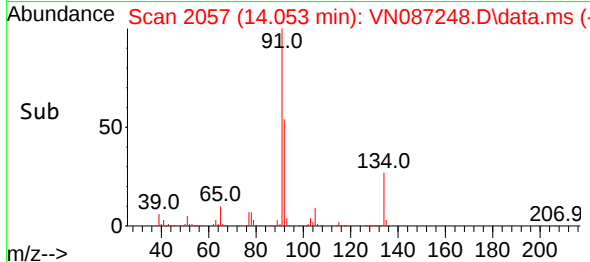
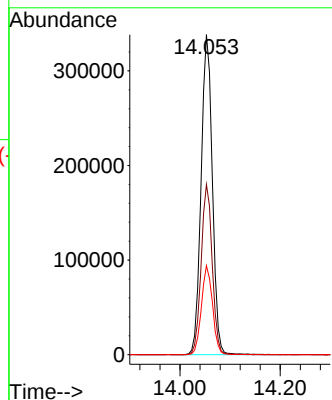
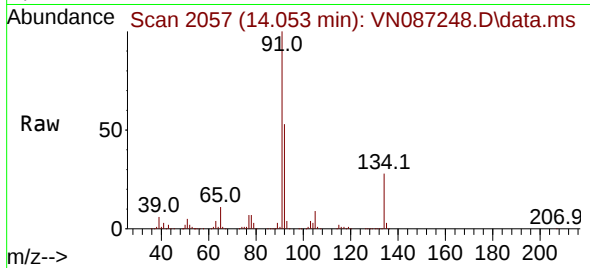




#89
n-Butylbenzene
Concen: 54.878 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

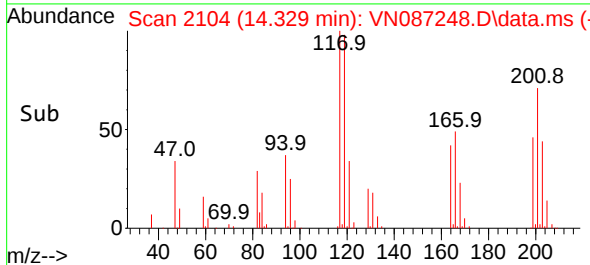
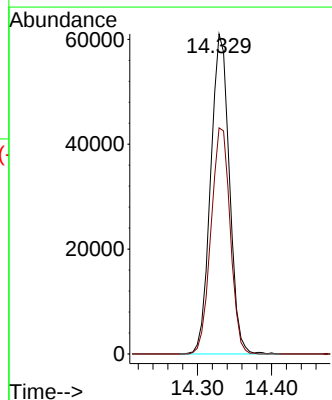
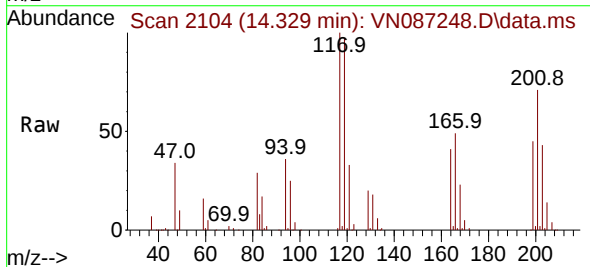
Instrument :
MSVOA_N
ClientSampleId :
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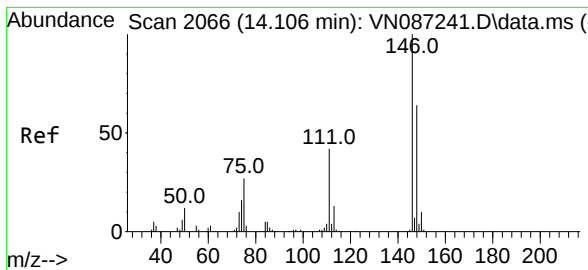
Tgt Ion: 91 Resp: 526727
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.0
134 27.5 13.7 41.1



#90
Hexachloroethane
Concen: 53.015 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN087248.D
Acq: 01 Jul 2025 09:25

Tgt Ion: 117 Resp: 106977
Ion Ratio Lower Upper
117 100
201 72.3 35.8 107.4

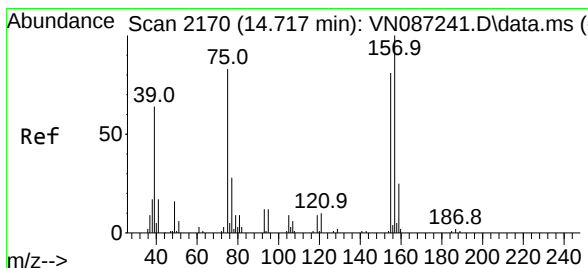
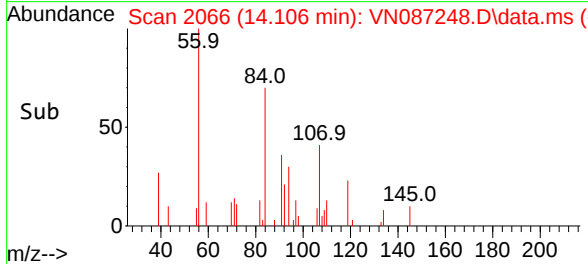
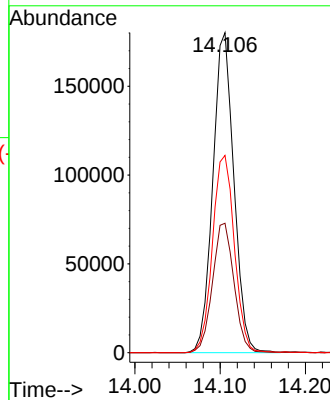
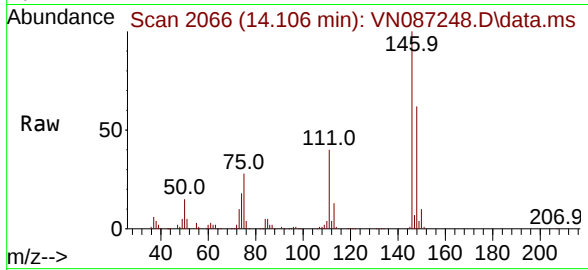




#91
 1,2-Dichlorobenzene
 Concen: 52.088 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN087248.D
 Acq: 01 Jul 2025 09:25

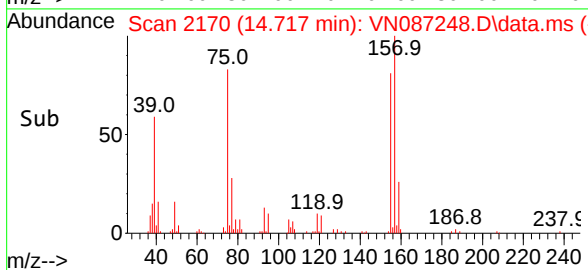
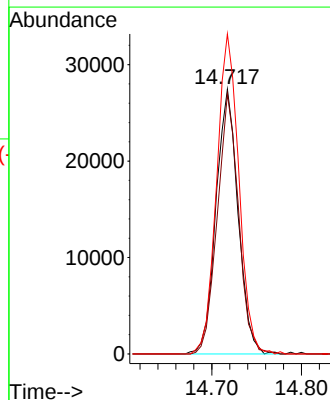
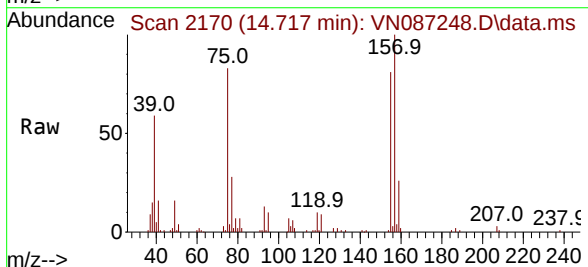
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

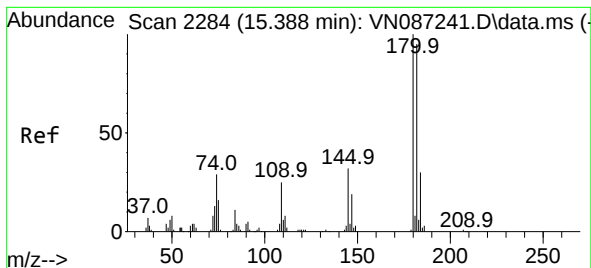
Tgt Ion:146 Resp: 309412
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.5 61.6
 148 64.2 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.587 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN087248.D
 Acq: 01 Jul 2025 09:25

Tgt Ion: 75 Resp: 46924
 Ion Ratio Lower Upper
 75 100
 155 94.0 46.8 140.3
 157 121.3 58.1 174.4





#93

1,2,4-Trichlorobenzene

Concen: 53.320 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

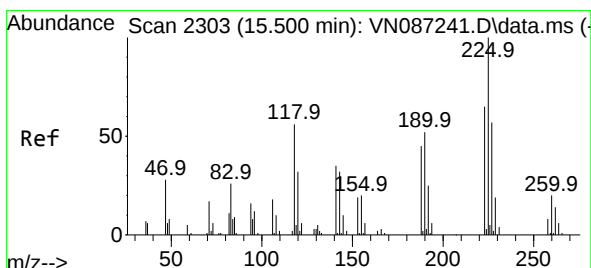
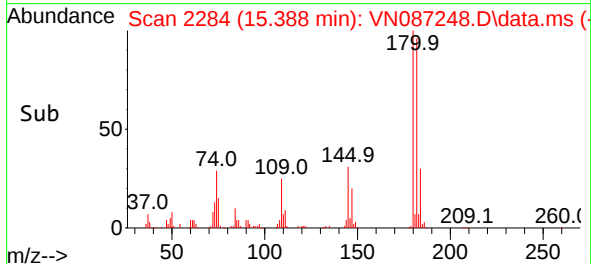
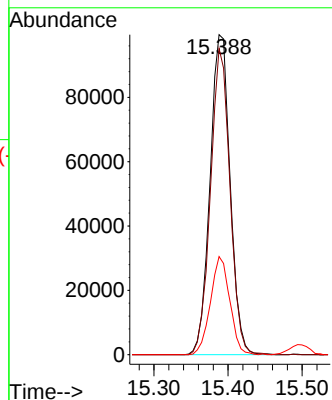
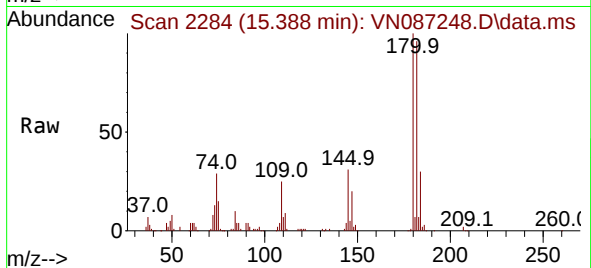
Tgt Ion:180 Resp: 187298

Ion Ratio Lower Upper

180 100

182 92.6 48.0 144.0

145 29.5 15.4 46.2



#94

Hexachlorobutadiene

Concen: 48.107 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

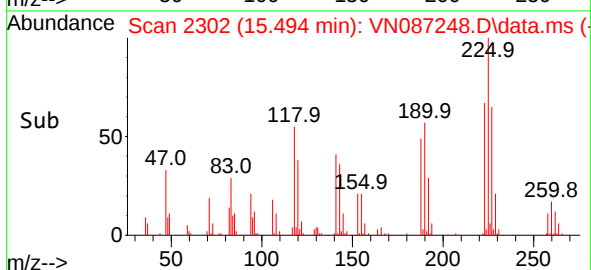
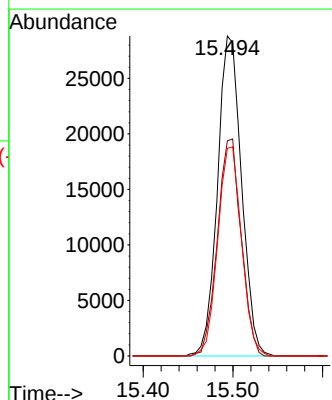
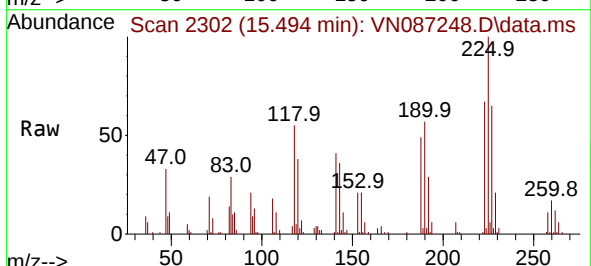
Tgt Ion:225 Resp: 53680

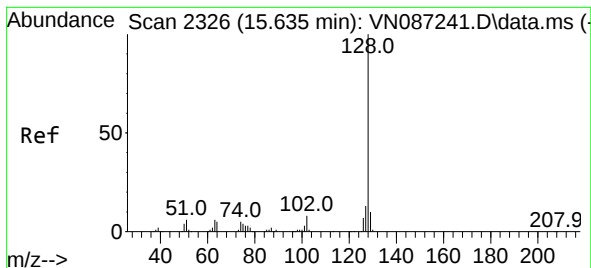
Ion Ratio Lower Upper

225 100

223 66.7 33.5 100.4

227 64.6 30.9 92.7





#95

Naphthalene

Concen: 53.076 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

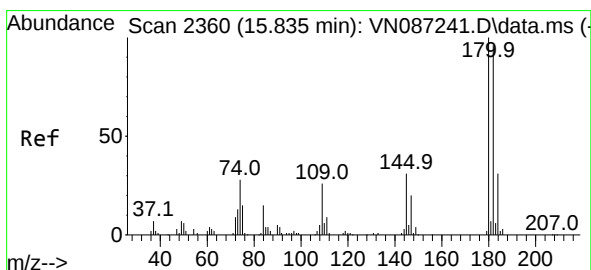
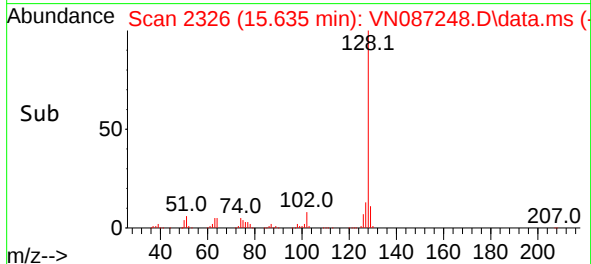
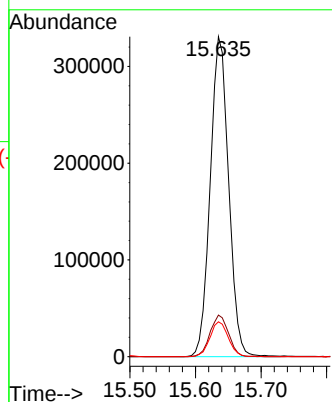
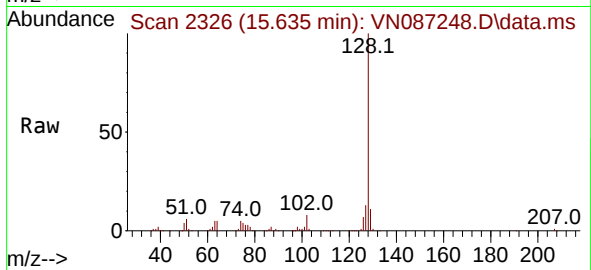
Tgt Ion:128 Resp: 645036

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 52.811 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN087248.D

Acq: 01 Jul 2025 09:25

Tgt Ion:180 Resp: 180730

Ion Ratio Lower Upper

180 100

182 94.0 47.7 143.1

145 32.3 15.7 47.1

