

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
 Data File : VN086232.D
 Acq On : 07 Apr 2025 12:02
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Apr 08 04:24:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040725W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 08 04:20:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	166018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	262514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131713	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	93162	44.361	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.720%
35) Dibromofluoromethane	8.165	113	60540	45.627	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.260%
50) Toluene-d8	10.565	98	277266	50.484	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.847	95	113227	58.334	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	116.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	99773	69.226	ug/l	99
3) Chloromethane	2.359	50	95293	58.575	ug/l	96
4) Vinyl Chloride	2.512	62	95149	65.367	ug/l	99
5) Bromomethane	2.959	94	44970	62.219	ug/l	90
6) Chloroethane	3.118	64	55158	64.066	ug/l #	73
7) Trichlorofluoromethane	3.494	101	133873	63.066	ug/l	97
8) Diethyl Ether	3.959	74	46516	71.223	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	76243	68.696	ug/l	98
10) Methyl Iodide	4.589	142	92967	71.056	ug/l	98
11) Tert butyl alcohol	5.512	59	62648	329.503	ug/l #	80
12) 1,1-Dichloroethene	4.341	96	72138	64.288	ug/l	97
13) Acrolein	4.177	56	59398	201.884	ug/l	95
14) Allyl chloride	5.018	41	98291	64.173	ug/l	93
15) Acrylonitrile	5.718	53	173320	301.833	ug/l	95
16) Acetone	4.418	43	108925	226.381	ug/l	91
17) Carbon Disulfide	4.712	76	180243	50.197	ug/l	99
18) Methyl Acetate	5.024	43	83124	56.215	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	265546	70.661	ug/l	96
20) Methylene Chloride	5.277	84	81130	63.740	ug/l #	94
21) trans-1,2-Dichloroethene	5.783	96	76687	61.935	ug/l	97
22) Diisopropyl ether	6.665	45	219284	70.791	ug/l #	94
23) Vinyl Acetate	6.594	43	752321	337.696	ug/l	97
24) 1,1-Dichloroethane	6.559	63	144263	66.620	ug/l	94
25) 2-Butanone	7.477	43	197070	285.387	ug/l	91
26) 2,2-Dichloropropane	7.488	77	143812	66.109	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	93920	62.879	ug/l	96
28) Bromochloromethane	7.812	49	65126	64.382	ug/l	99
29) Tetrahydrofuran	7.830	42	136992	310.175	ug/l	97
30) Chloroform	7.965	83	155948	63.166	ug/l	97
31) Cyclohexane	8.259	56	123685	62.927	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	147861	65.593	ug/l	97
36) 1,1-Dichloropropene	8.365	75	106669	73.772	ug/l	97
37) Ethyl Acetate	7.553	43	81065	62.112	ug/l	99
38) Carbon Tetrachloride	8.359	117	130605	69.895	ug/l	97
39) Methylcyclohexane	9.600	83	119094	68.822	ug/l	90
40) Benzene	8.606	78	335876	67.087	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
 Data File : VN086232.D
 Acq On : 07 Apr 2025 12:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 08 04:24:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040725W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 08 04:20:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	46895	64.868	ug/l	96
42) 1,2-Dichloroethane	8.665	62	115279	69.416	ug/l	99
43) Isopropyl Acetate	8.682	43	149995	49.537	ug/l	94
44) Trichloroethene	9.347	130	91006	70.843	ug/l	96
45) 1,2-Dichloropropane	9.618	63	79560	70.932	ug/l #	87
46) Dibromomethane	9.706	93	56944	68.492	ug/l	96
47) Bromodichloromethane	9.882	83	123746	70.613	ug/l #	99
48) Methyl methacrylate	9.676	41	68157	71.559	ug/l	98
49) 1,4-Dioxane	9.694	88	31223	1390.881	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	454255	361.151	ug/l	99
52) Toluene	10.623	92	224945	75.097	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	136807	75.419	ug/l	93
54) cis-1,3-Dichloropropene	10.306	75	142601	72.919	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	80749	69.018	ug/l	84
56) Ethyl methacrylate	10.870	69	127577	86.627	ug/l	98
57) 1,3-Dichloropropane	11.159	76	139905	73.326	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	397992	506.221	ug/l	97
59) 2-Hexanone	11.188	43	328871	372.427	ug/l	98
60) Dibromochloromethane	11.353	129	100223	73.005	ug/l	96
61) 1,2-Dibromoethane	11.465	107	82845	76.175	ug/l	98
64) Tetrachloroethene	11.100	164	99155	68.979	ug/l	94
65) Chlorobenzene	11.888	112	240841	67.611	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	89282	70.398	ug/l	96
67) Ethyl Benzene	11.959	91	424065	75.095	ug/l	100
68) m/p-Xylenes	12.070	106	336697	155.956	ug/l	95
69) o-Xylene	12.394	106	165399	77.503	ug/l	97
70) Styrene	12.406	104	274640	84.737	ug/l	96
71) Bromoform	12.576	173	69321	73.927	ug/l	99
73) Isopropylbenzene	12.694	105	415036	68.840	ug/l	97
74) N-amyl acetate	12.488	43	133920	73.212	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	97210	53.501	ug/l	94
76) 1,2,3-Trichloropropane	12.988	75	111515m	57.468	ug/l	
77) Bromobenzene	12.976	156	102053	64.396	ug/l	97
78) n-propylbenzene	13.029	91	486773	72.188	ug/l	98
79) 2-Chlorotoluene	13.123	91	305222	65.106	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	365652	74.127	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	45415	75.436	ug/l	94
82) 4-Chlorotoluene	13.217	91	318905	70.046	ug/l	98
83) tert-Butylbenzene	13.435	119	317178	75.223	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	373114	76.417	ug/l	99
85) sec-Butylbenzene	13.611	105	434259	78.033	ug/l	100
86) p-Isopropyltoluene	13.723	119	379314	82.166	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	199082	64.915	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	199850	63.709	ug/l	96
89) n-Butylbenzene	14.053	91	324061	83.535	ug/l	96
90) Hexachloroethane	14.329	117	60051	67.087	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	196170	63.715	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25425	62.601	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	110073	70.317	ug/l	92
94) Hexachlorobutadiene	15.500	225	57651	67.241	ug/l	96
95) Naphthalene	15.635	128	333067	73.536	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	102520	68.081	ug/l	96

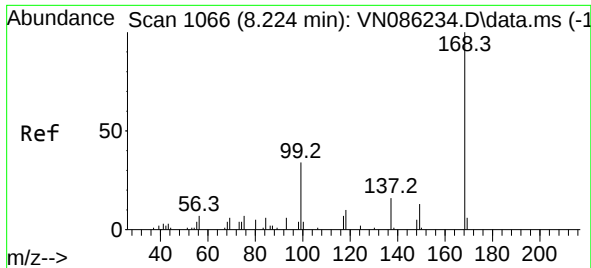
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
Data File : VN086232.D
Acq On : 07 Apr 2025 12:02
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Apr 08 04:24:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040725W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 08 04:20:42 2025
Response via : Initial Calibration

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

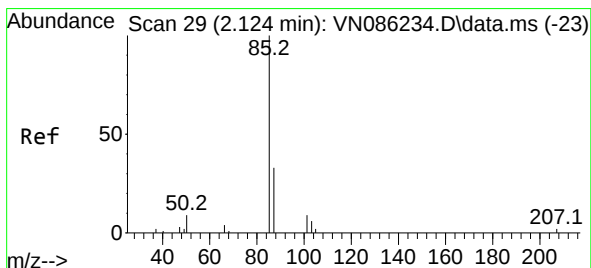
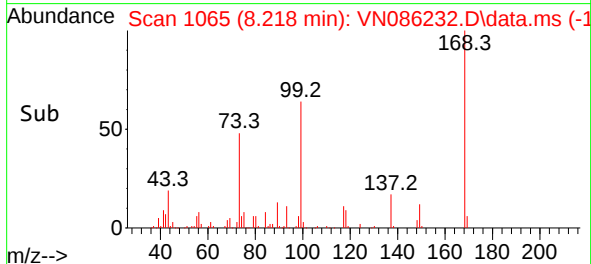
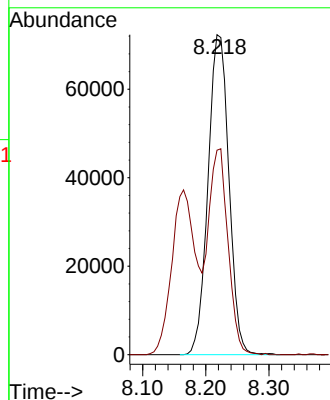
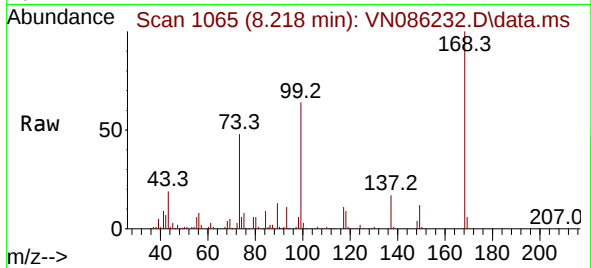
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

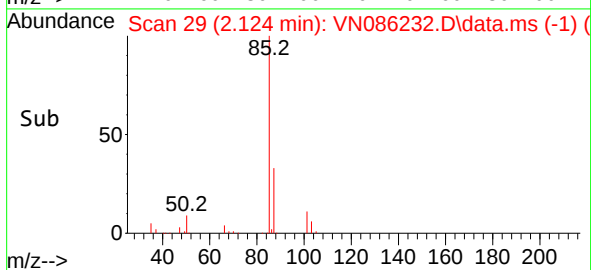
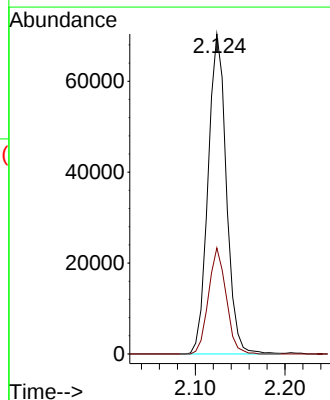
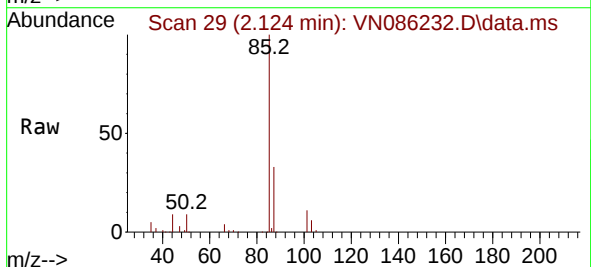
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

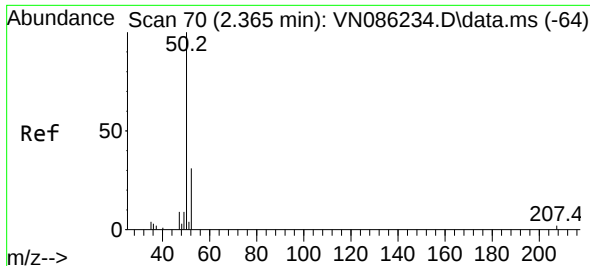
Tgt Ion:168 Resp: 166018
Ion Ratio Lower Upper
168 100
99 63.9 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 69.226 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 85 Resp: 99773
Ion Ratio Lower Upper
85 100
87 33.1 16.3 48.8

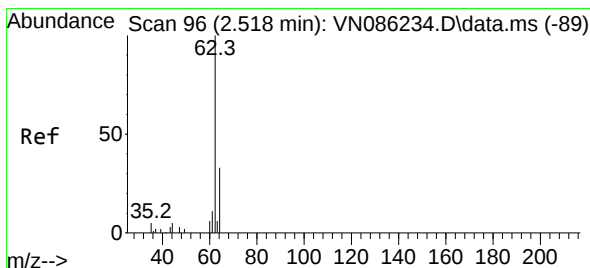
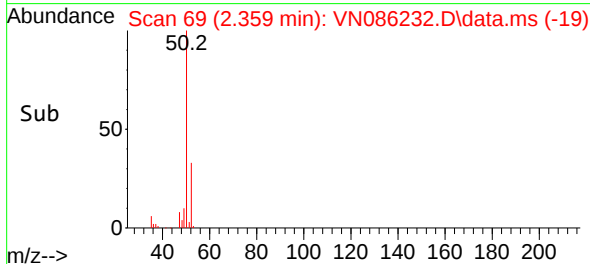
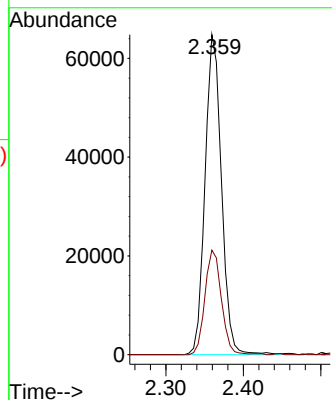
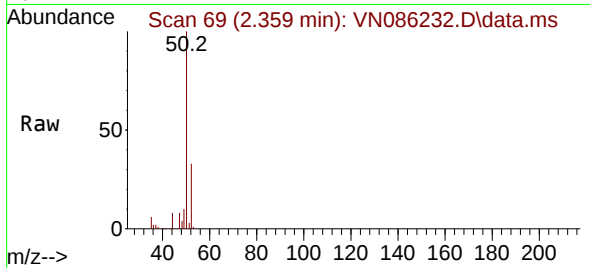




#3
Chloromethane
Concen: 58.575 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

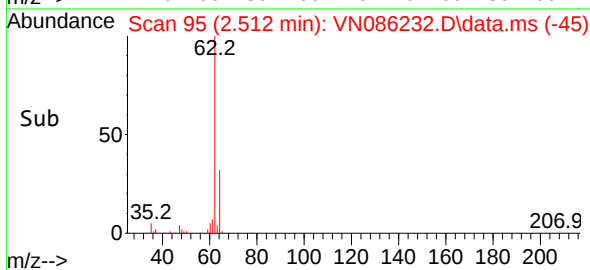
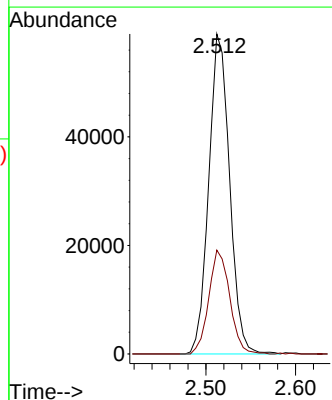
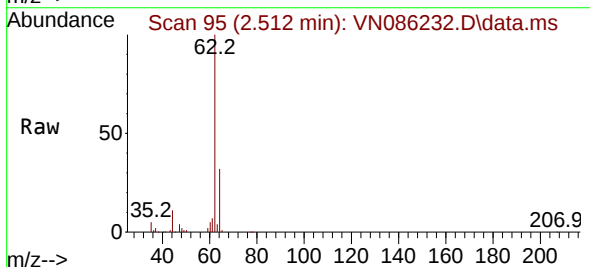
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

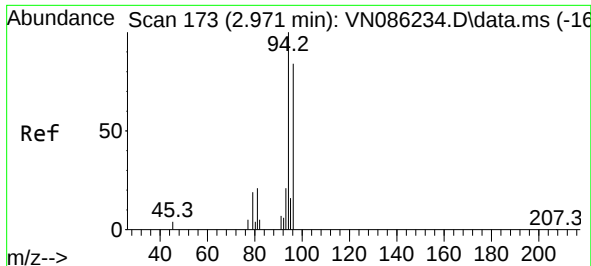
Tgt Ion: 50 Resp: 95293
Ion Ratio Lower Upper
50 100
52 32.7 24.5 36.7



#4
Vinyl Chloride
Concen: 65.367 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 62 Resp: 95149
Ion Ratio Lower Upper
62 100
64 32.4 26.4 39.6

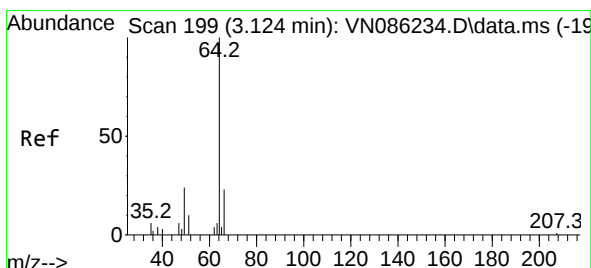
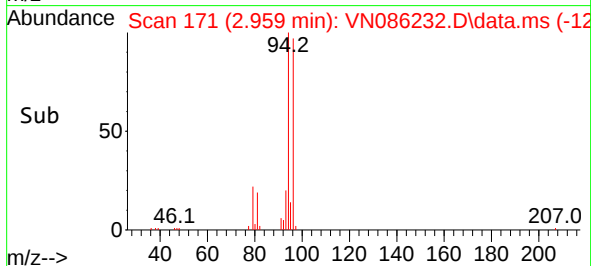
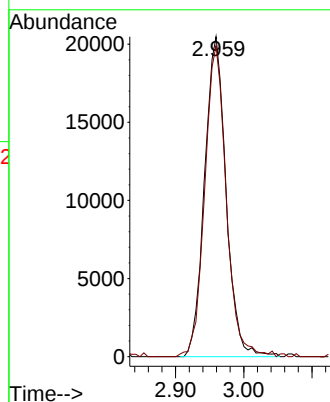
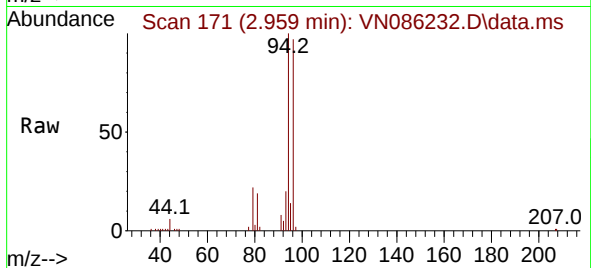




#5
Bromomethane
Concen: 62.219 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

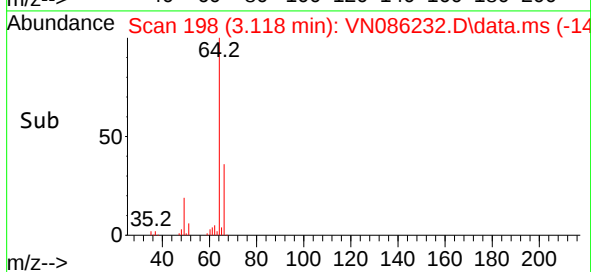
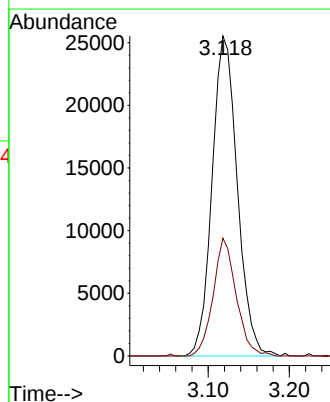
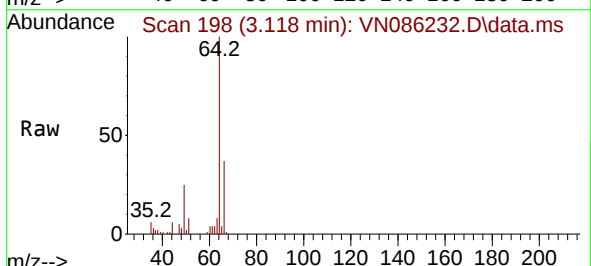
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

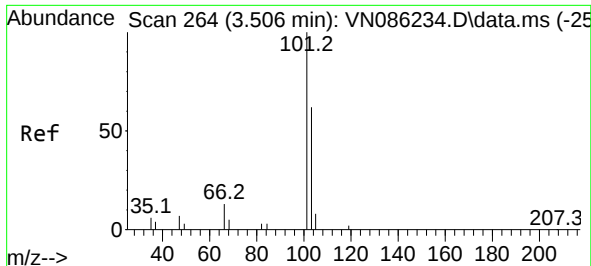
Tgt Ion: 94 Resp: 44970
Ion Ratio Lower Upper
94 100
96 96.4 69.6 104.4



#6
Chloroethane
Concen: 64.066 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 64 Resp: 55158
Ion Ratio Lower Upper
64 100
66 36.8 18.7 28.1#

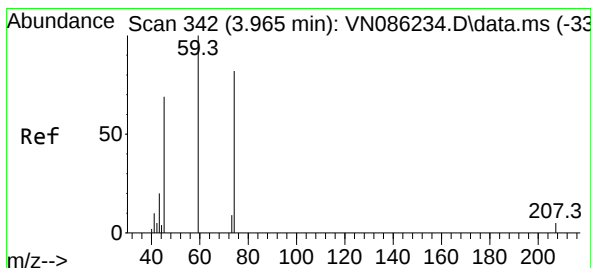
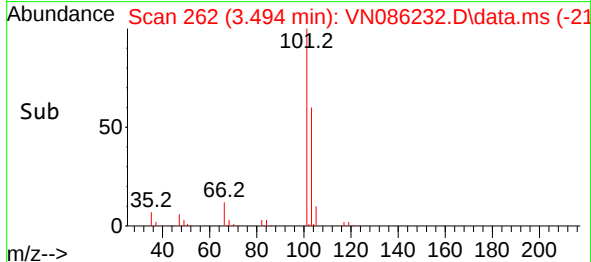
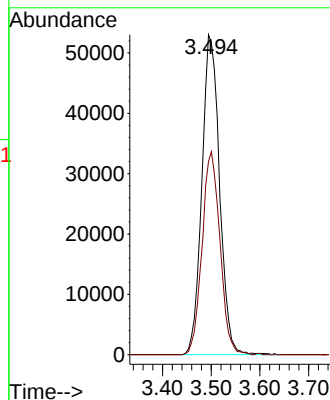
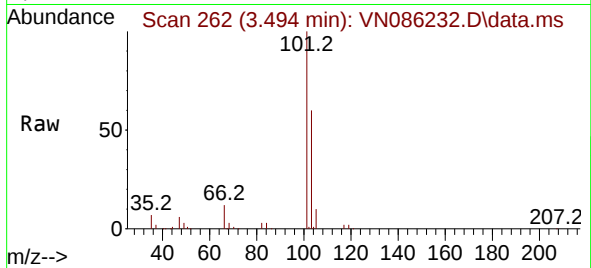




#7
 Trichlorofluoromethane
 Concen: 63.066 ug/l
 RT: 3.494 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN086232.D
 Acq: 07 Apr 2025 12:02

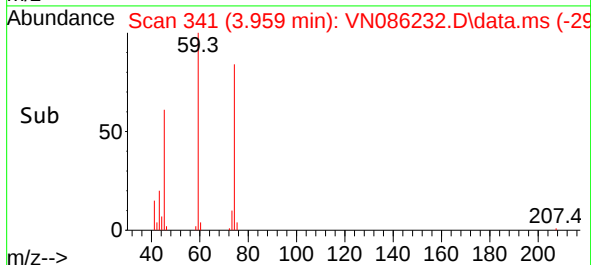
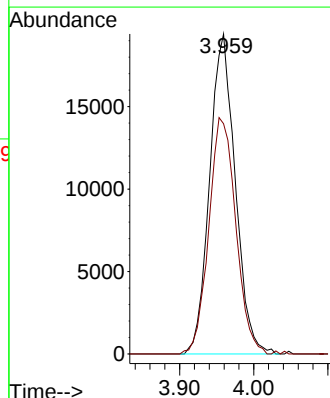
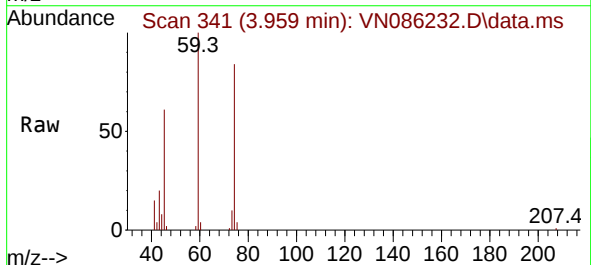
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

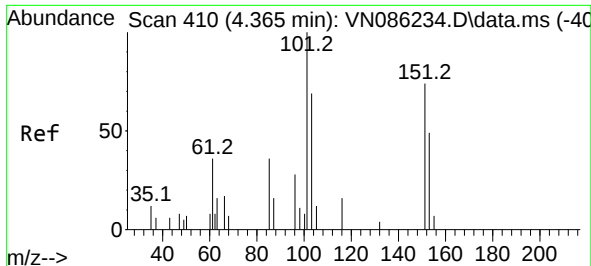
Tgt Ion:101 Resp: 133873
 Ion Ratio Lower Upper
 101 100
 103 60.4 50.0 75.0



#8
 Diethyl Ether
 Concen: 71.223 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN086232.D
 Acq: 07 Apr 2025 12:02

Tgt Ion: 74 Resp: 46516
 Ion Ratio Lower Upper
 74 100
 45 77.8 38.6 116.0

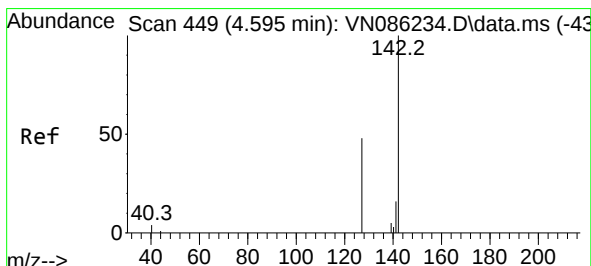
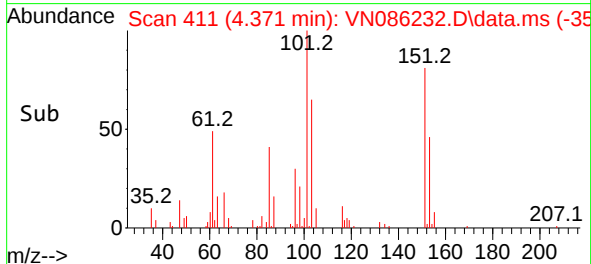
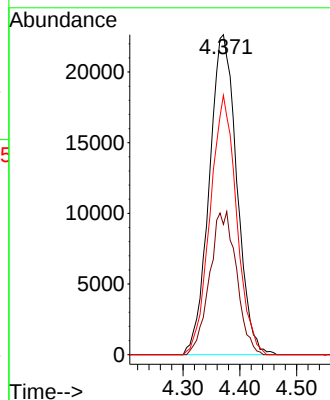
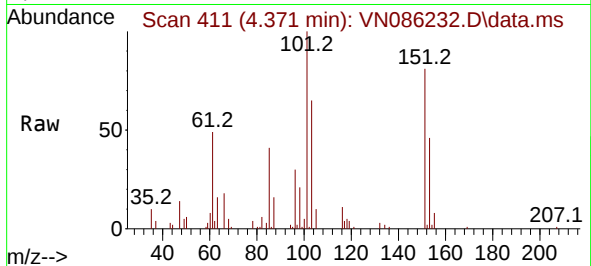




#9
1,1,2-Trichlorotrifluoroethane
Concen: 68.696 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

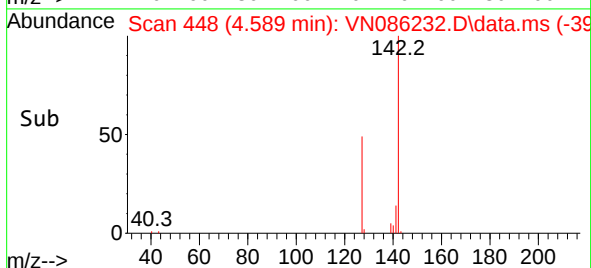
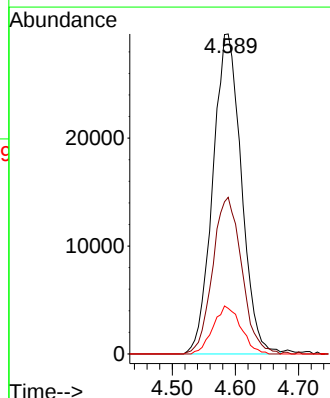
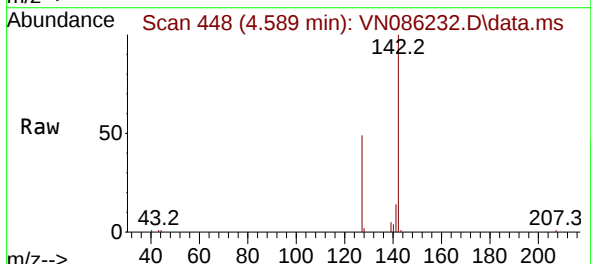
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

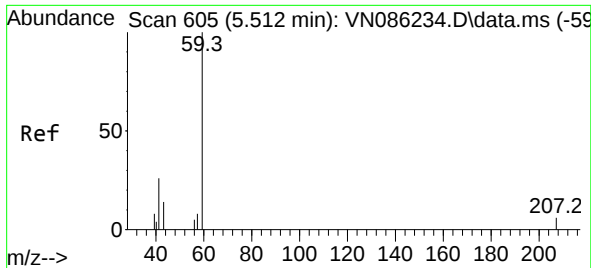
Tgt Ion:101 Resp: 76243
Ion Ratio Lower Upper
101 100
85 43.6 34.6 52.0
151 77.7 59.9 89.9



#10
Methyl Iodide
Concen: 71.056 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion:142 Resp: 92967
Ion Ratio Lower Upper
142 100
127 49.0 38.3 57.5
141 14.2 12.6 19.0

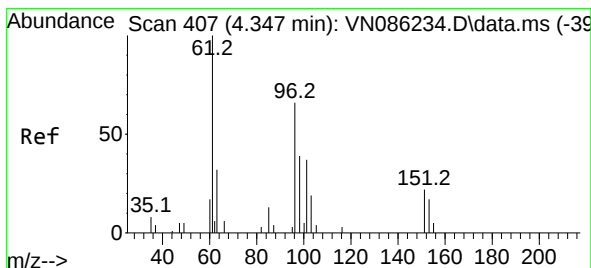
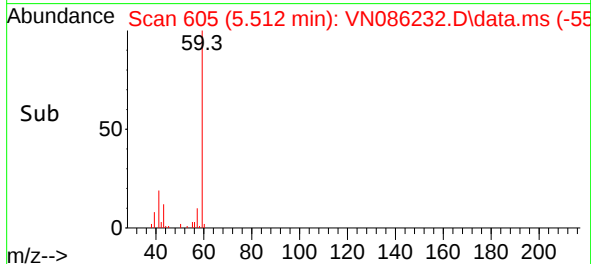
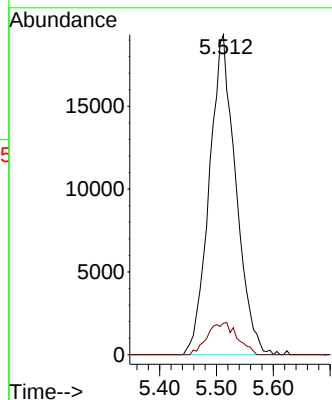
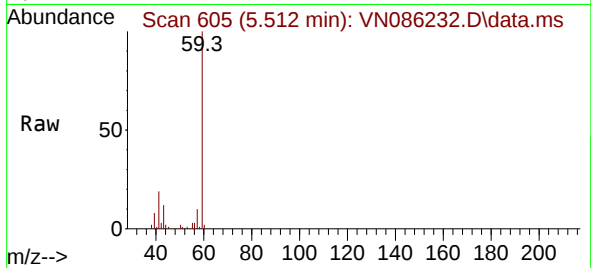




#11
Tert butyl alcohol
Concen: 329.503 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

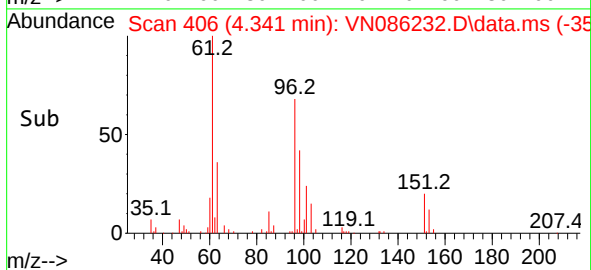
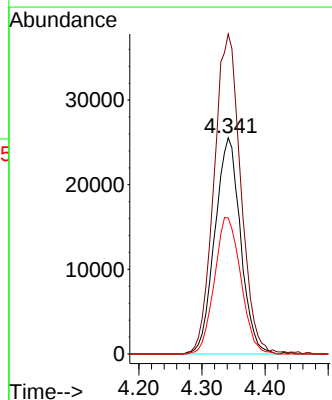
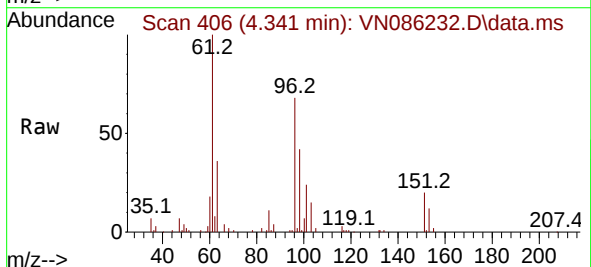
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

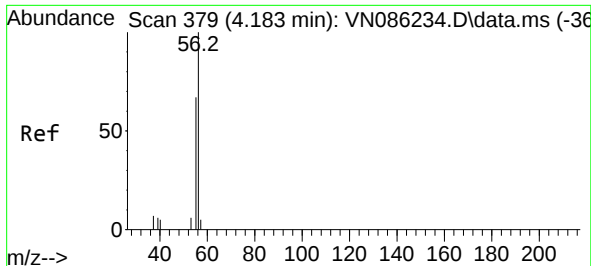
Tgt Ion: 59 Resp: 62648
Ion Ratio Lower Upper
59 100
57 11.3 3.7 5.5#



#12
1,1-Dichloroethene
Concen: 64.288 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 96 Resp: 72138
Ion Ratio Lower Upper
96 100
61 148.0 120.3 180.5
98 62.9 46.6 70.0





#13

Acrolein

Concen: 201.884 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

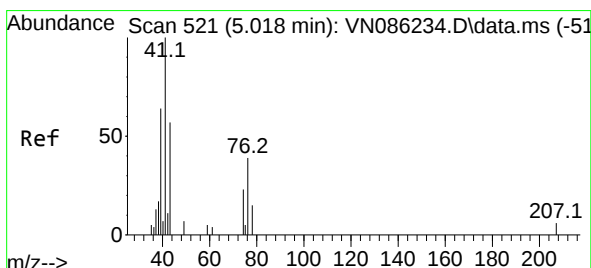
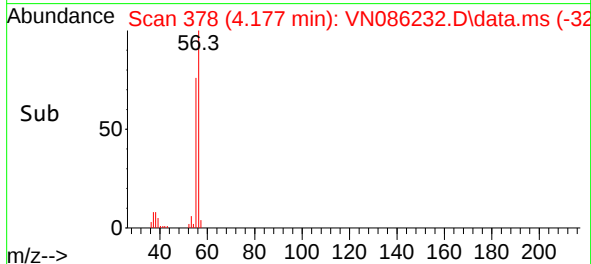
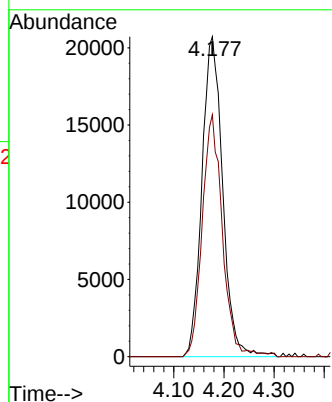
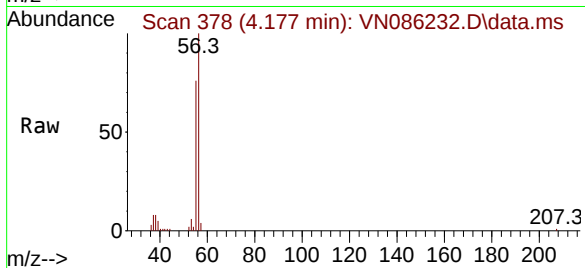
VSTDCCC050

Tgt Ion: 56 Resp: 59398

Ion Ratio Lower Upper

56 100

55 72.1 54.6 82.0



#14

Allyl chloride

Concen: 64.173 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

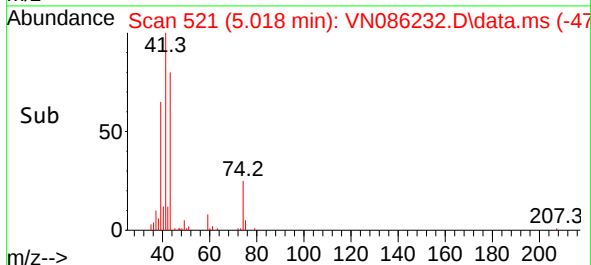
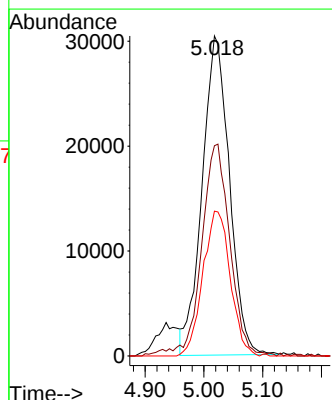
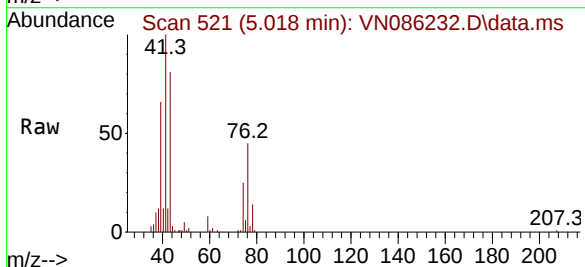
Tgt Ion: 41 Resp: 98291

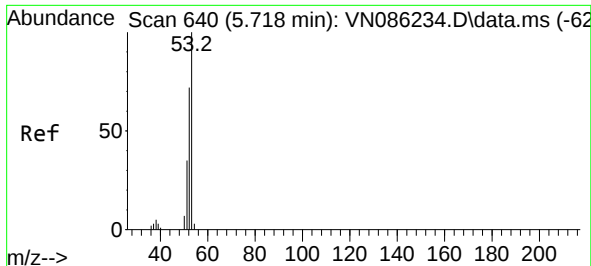
Ion Ratio Lower Upper

41 100

39 67.5 58.7 88.1

76 45.5 40.2 60.4

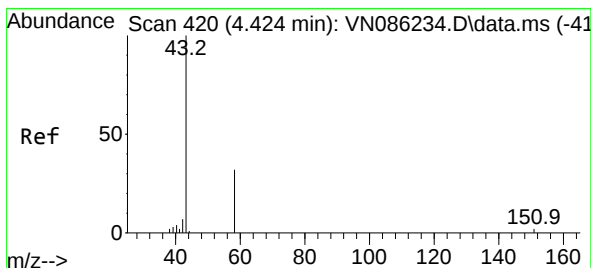
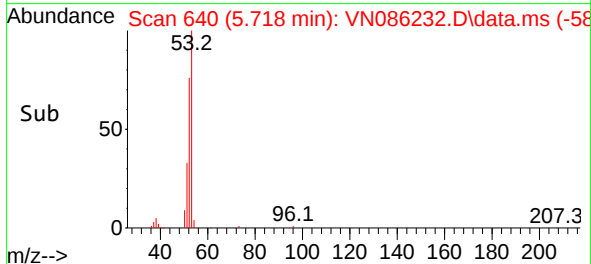
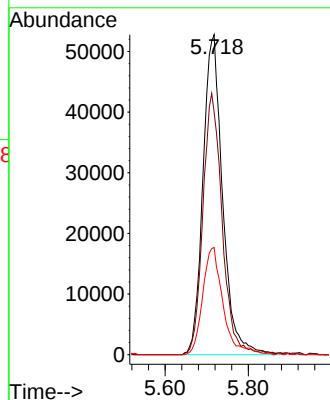
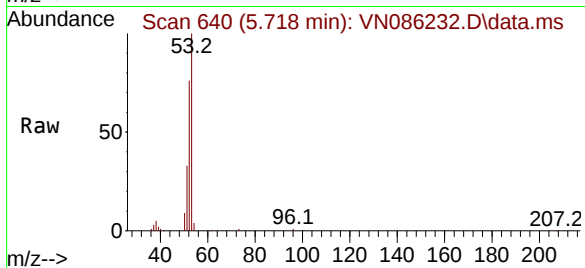




#15
Acrylonitrile
Concen: 301.833 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

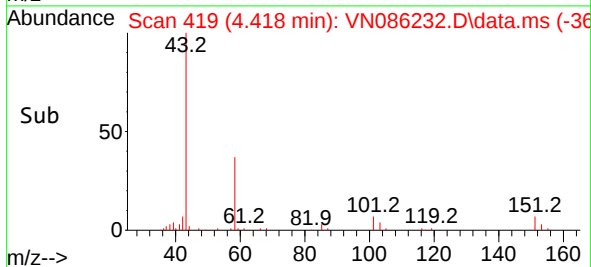
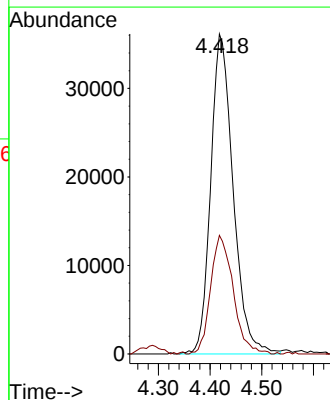
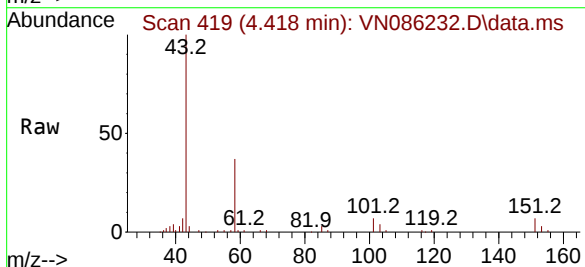
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

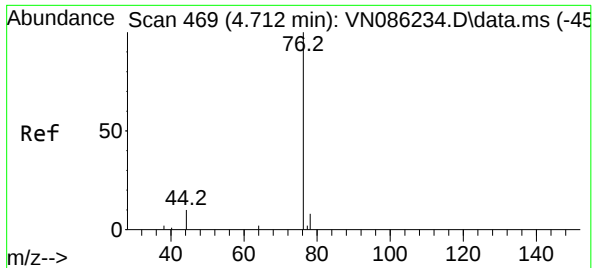
Tgt Ion: 53 Resp: 173320
Ion Ratio Lower Upper
53 100
52 80.0 61.0 91.6
51 34.7 25.4 38.0



#16
Acetone
Concen: 226.381 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 43 Resp: 108925
Ion Ratio Lower Upper
43 100
58 37.0 25.8 38.6

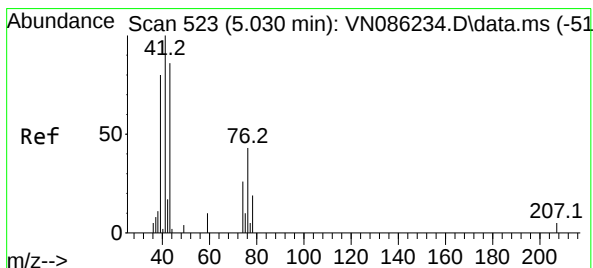
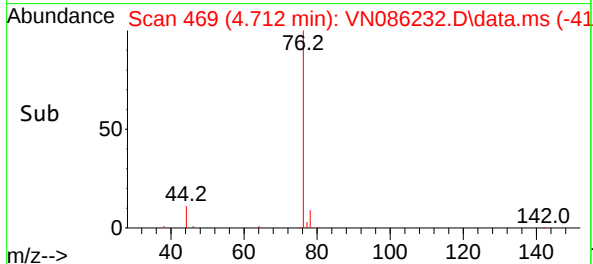
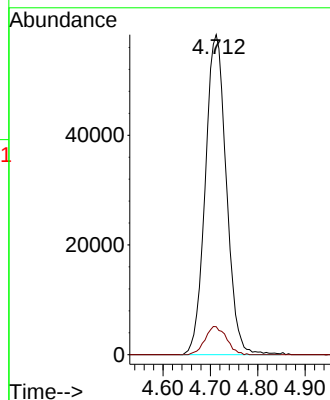
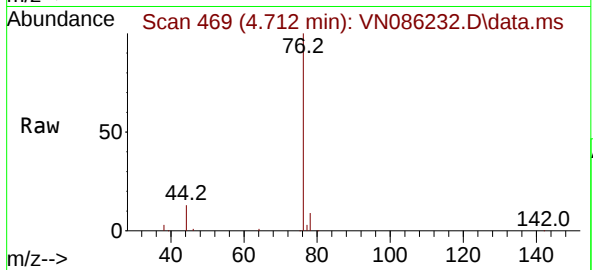




#17
Carbon Disulfide
Concen: 50.197 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

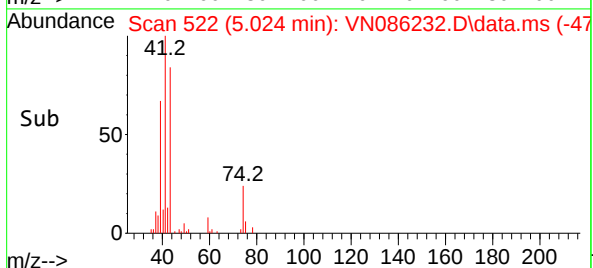
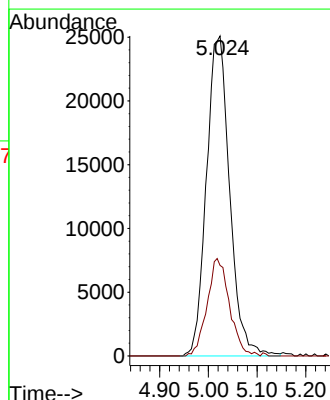
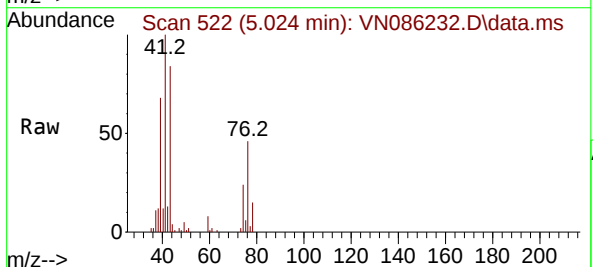
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

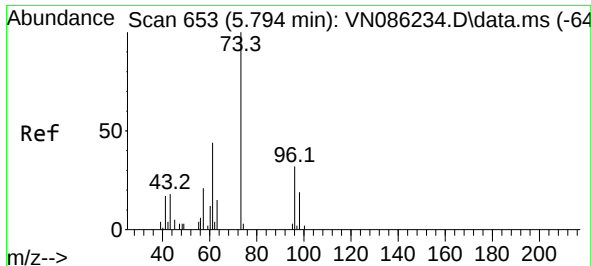
Tgt Ion: 76 Resp: 180243
Ion Ratio Lower Upper
76 100
78 8.7 6.6 10.0



#18
Methyl Acetate
Concen: 56.215 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 43 Resp: 83124
Ion Ratio Lower Upper
43 100
74 29.4 23.1 34.7

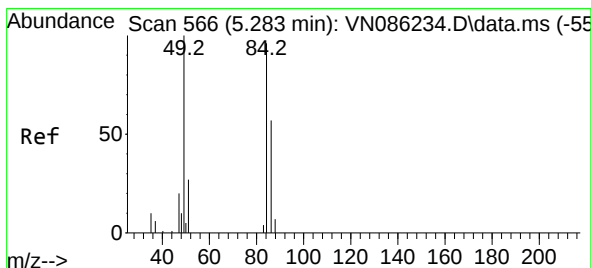
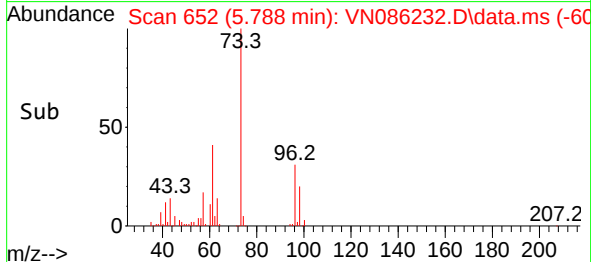
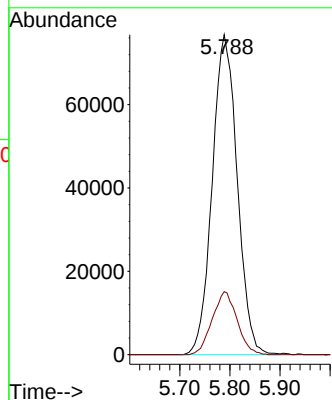
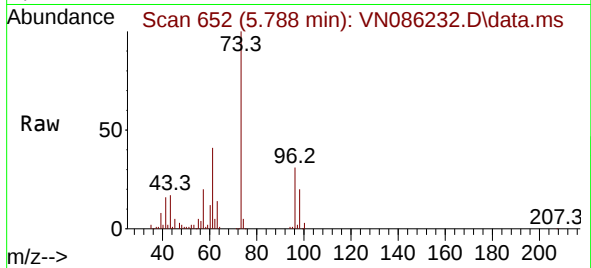




#19
Methyl tert-butyl Ether
Concen: 70.661 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

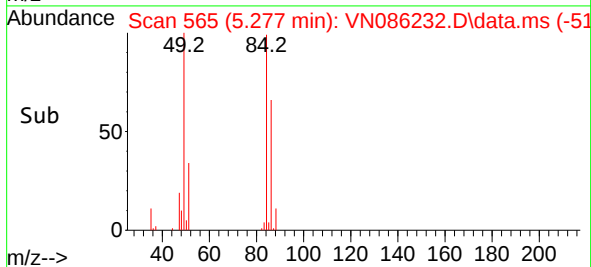
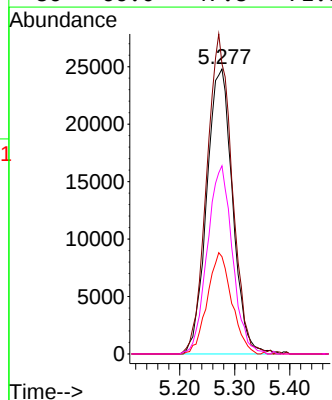
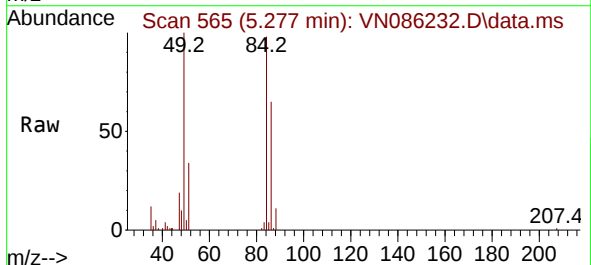
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

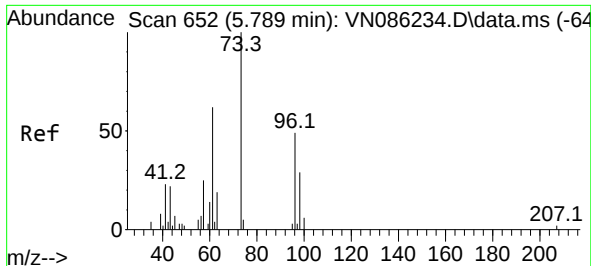
Tgt Ion: 73 Resp: 265546
Ion Ratio Lower Upper
73 100
57 19.7 17.2 25.8



#20
Methylene Chloride
Concen: 63.740 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 84 Resp: 81130
Ion Ratio Lower Upper
84 100
49 101.9 83.7 125.5
51 34.1 22.7 34.1#
86 66.0 47.8 71.8

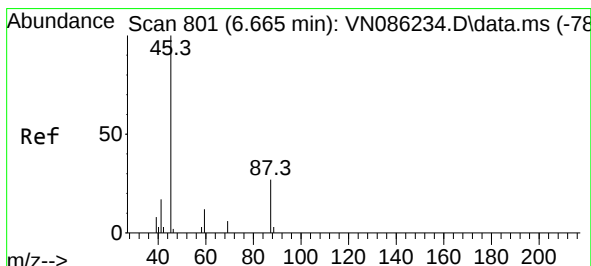
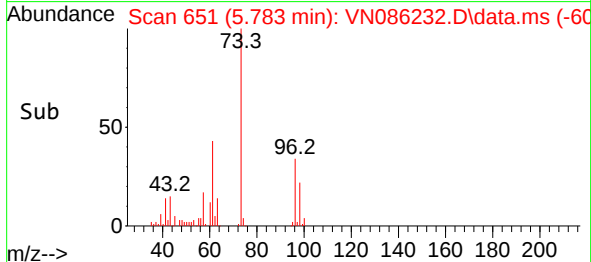
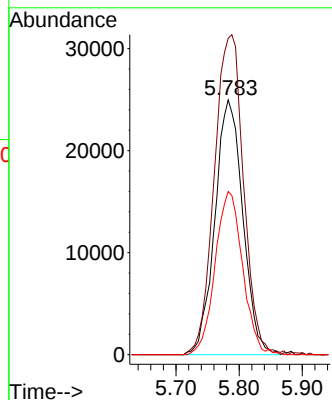
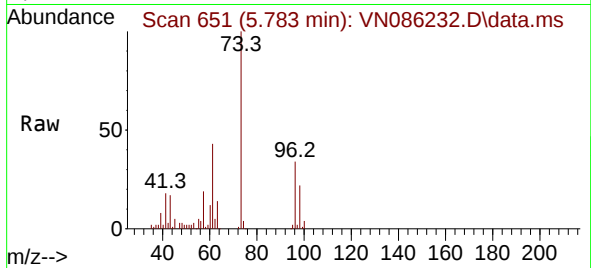




#21
trans-1,2-Dichloroethene
Concen: 61.935 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

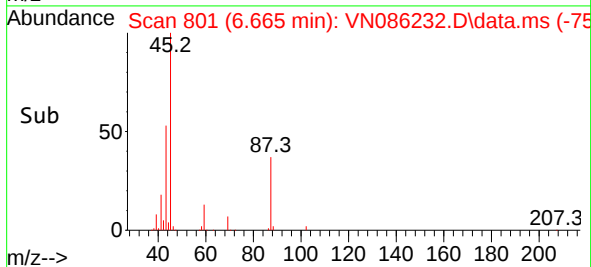
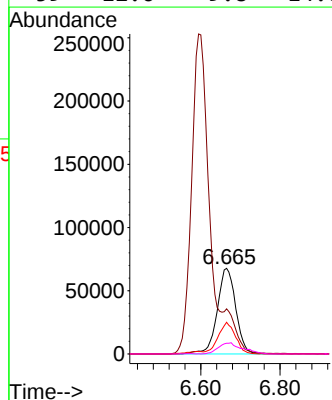
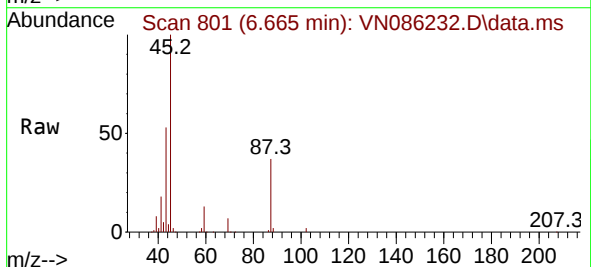
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

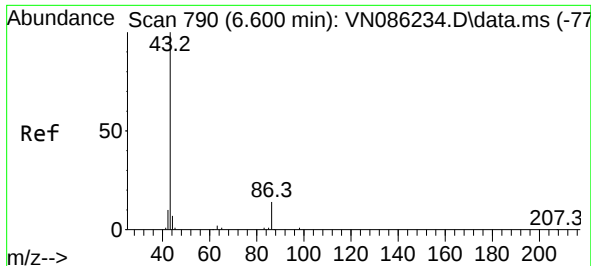
Tgt Ion: 96 Resp: 76687
Ion Ratio Lower Upper
96 100
61 124.2 100.9 151.3
98 64.1 47.7 71.5



#22
Diisopropyl ether
Concen: 70.791 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 45 Resp: 219284
Ion Ratio Lower Upper
45 100
43 52.2 41.0 61.4
87 37.0 22.8 34.2#
59 12.6 9.8 14.6

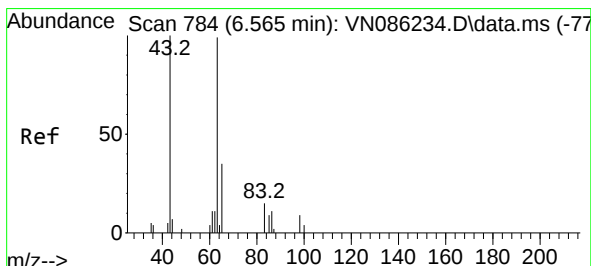
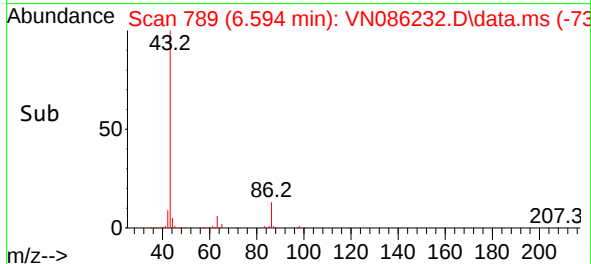
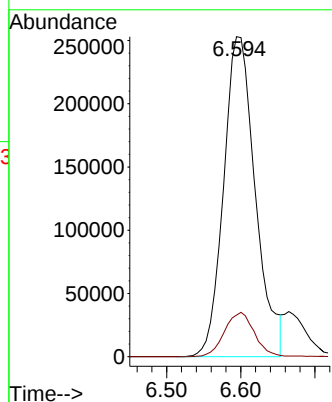
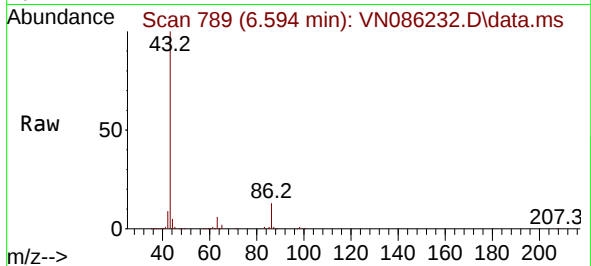




#23
 Vinyl Acetate
 Concen: 337.696 ug/l
 RT: 6.594 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN086232.D
 Acq: 07 Apr 2025 12:02

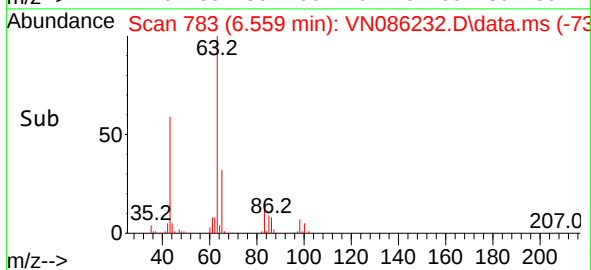
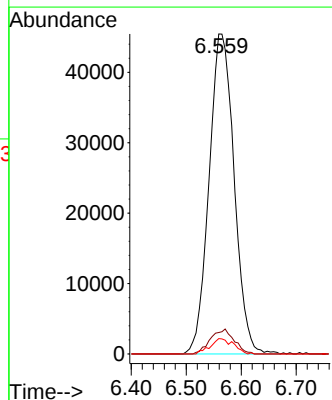
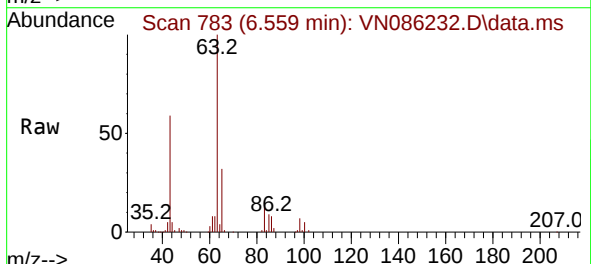
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

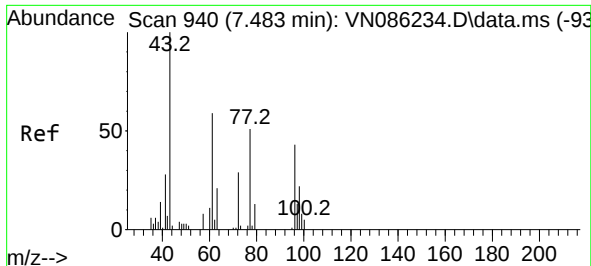
Tgt Ion: 43 Resp: 752321
 Ion Ratio Lower Upper
 43 100
 86 13.0 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 66.620 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN086232.D
 Acq: 07 Apr 2025 12:02

Tgt Ion: 63 Resp: 144263
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.6 13.8
 100 4.8 1.8 5.5

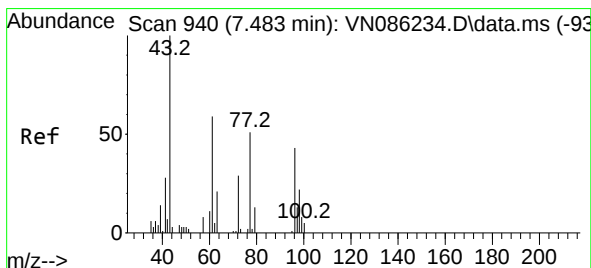
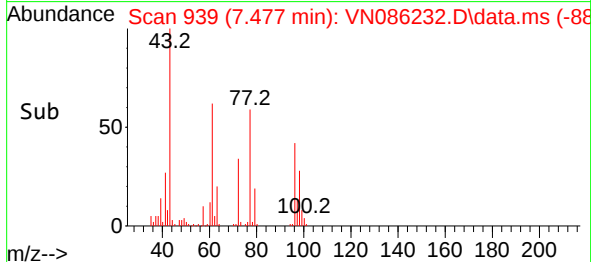
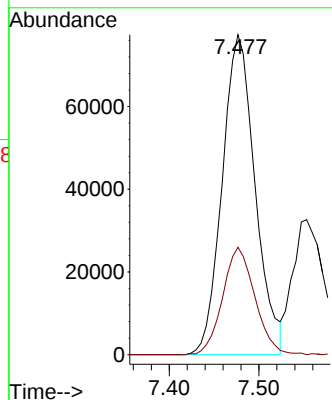
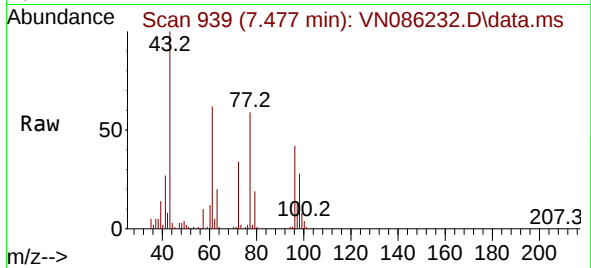




#25
2-Butanone
Concen: 285.387 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

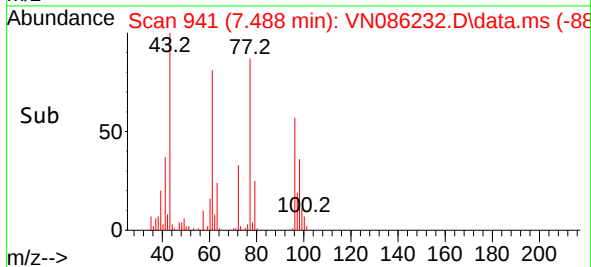
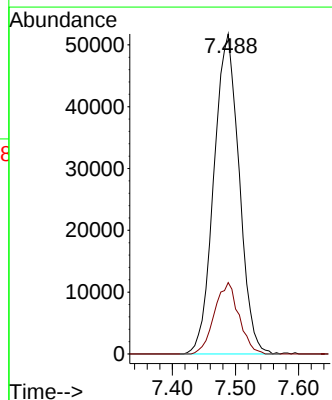
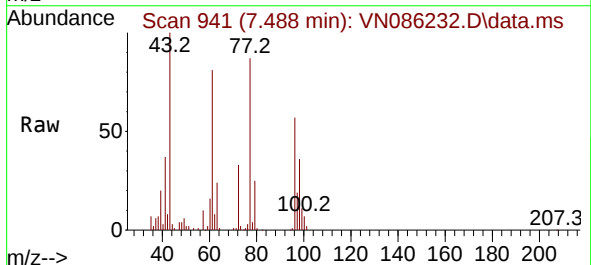
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

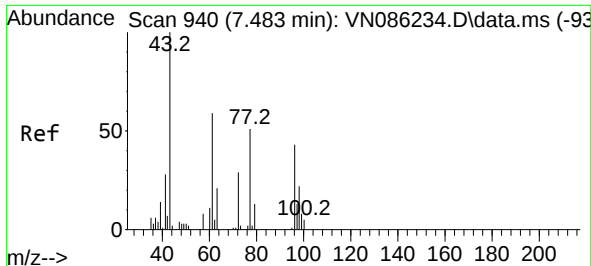
Tgt Ion: 43 Resp: 197070
Ion Ratio Lower Upper
43 100
72 33.6 23.1 34.7



#26
2,2-Dichloropropane
Concen: 66.109 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 77 Resp: 143812
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 62.879 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

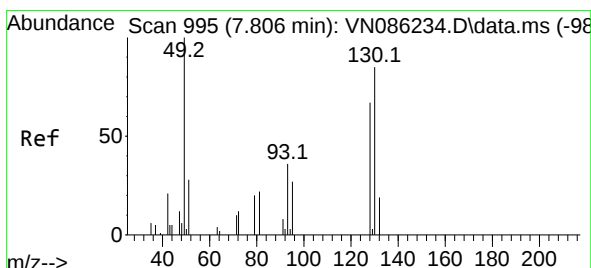
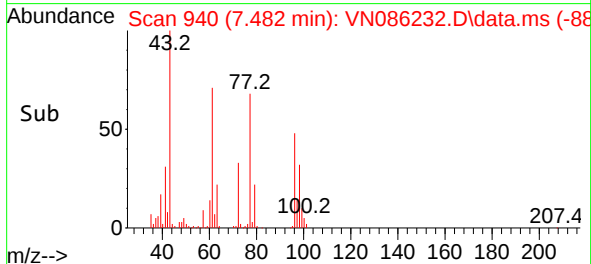
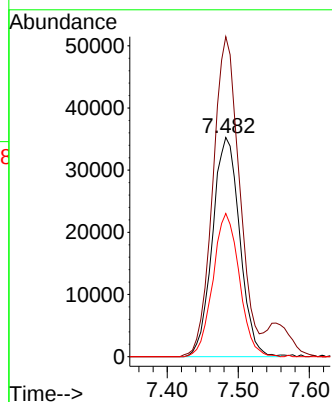
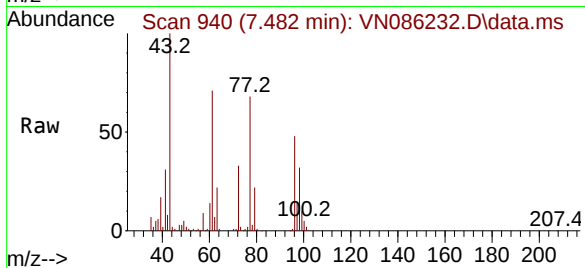
Tgt Ion: 96 Resp: 93920

Ion Ratio Lower Upper

96 100

61 142.4 0.0 270.8

98 63.4 0.0 127.0



#28

Bromochloromethane

Concen: 64.382 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.006 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

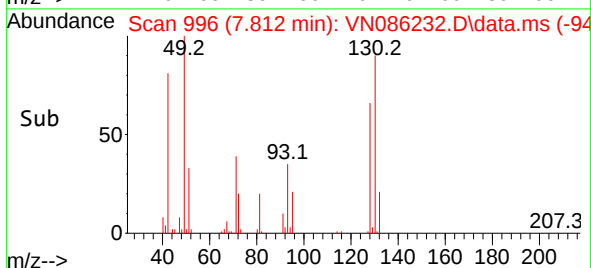
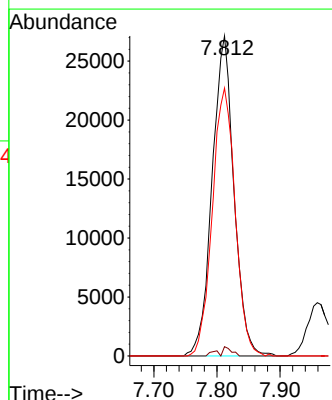
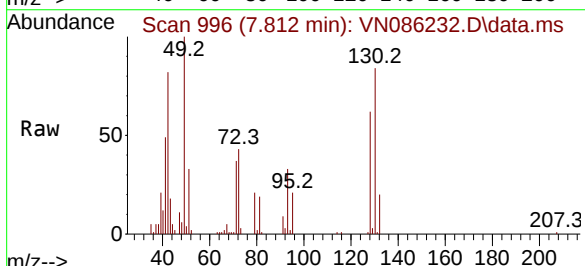
Tgt Ion: 49 Resp: 65126

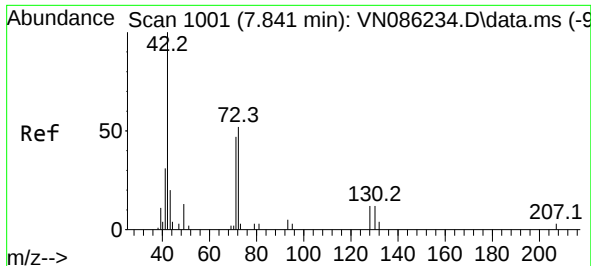
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.0

130 87.6 70.5 105.7





#29

Tetrahydrofuran

Concen: 310.175 ug/l

RT: 7.830 min Scan# 999

Delta R.T. -0.012 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

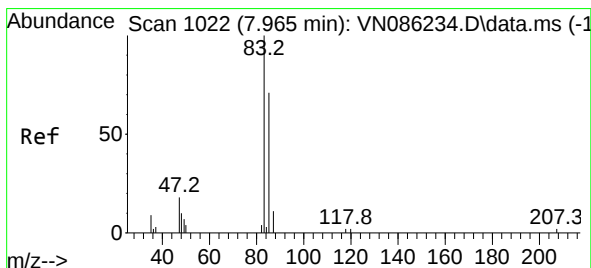
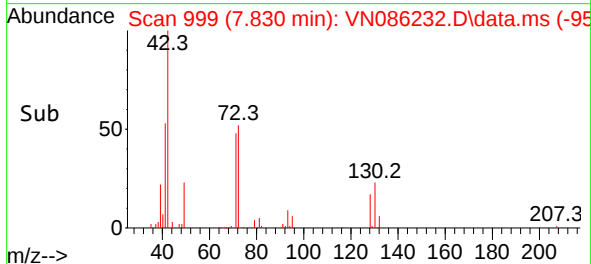
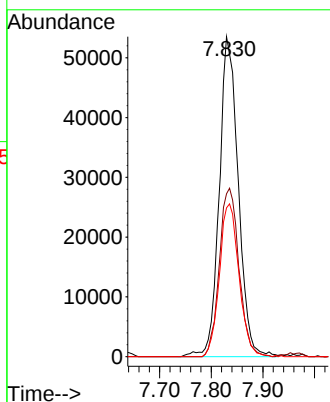
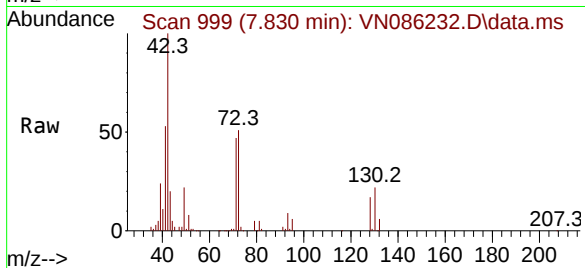
Tgt Ion: 42 Resp: 136992

Ion Ratio Lower Upper

42 100

72 54.3 40.8 61.2

71 49.1 38.2 57.4



#30

Chloroform

Concen: 63.166 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086232.D

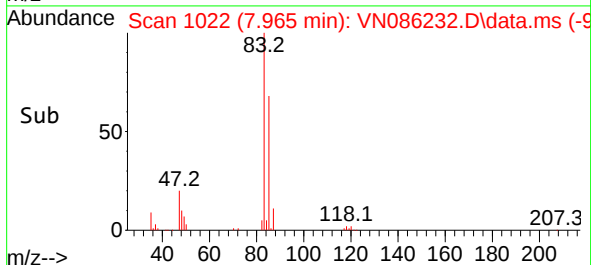
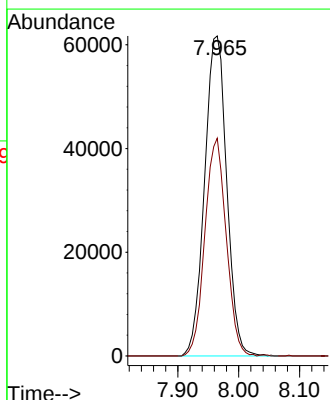
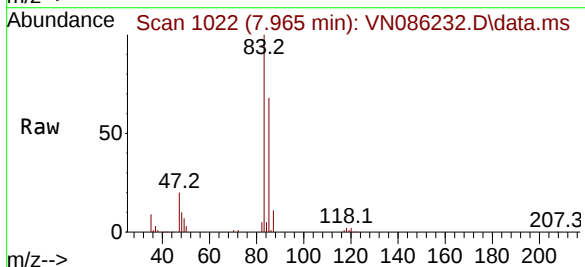
Acq: 07 Apr 2025 12:02

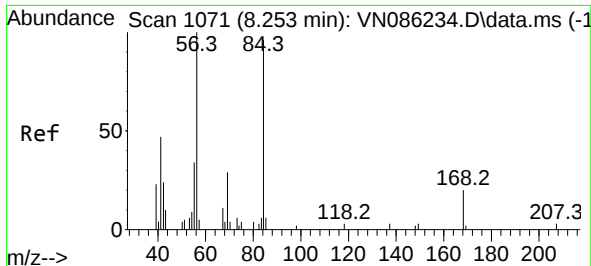
Tgt Ion: 83 Resp: 155948

Ion Ratio Lower Upper

83 100

85 68.1 56.4 84.6

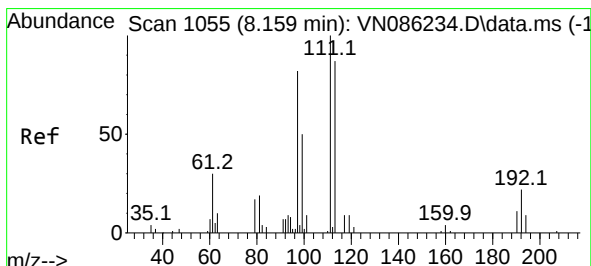
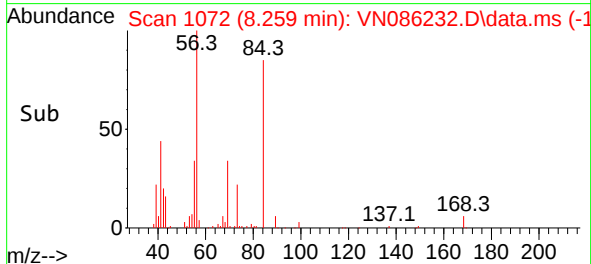
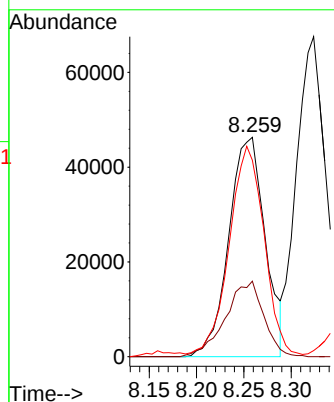
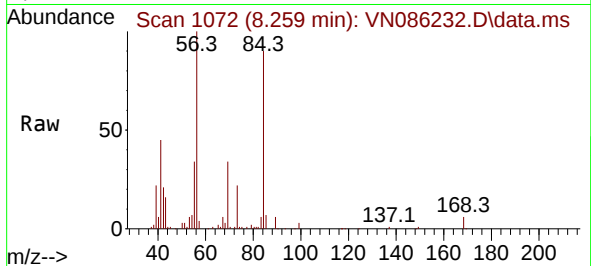




#31
Cyclohexane
Concen: 62.927 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

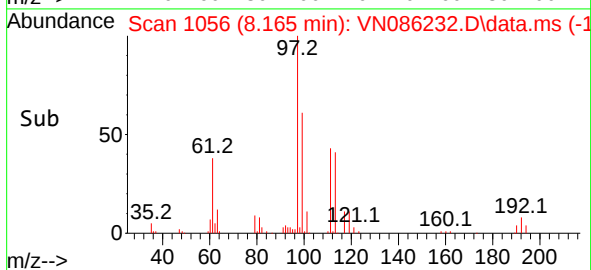
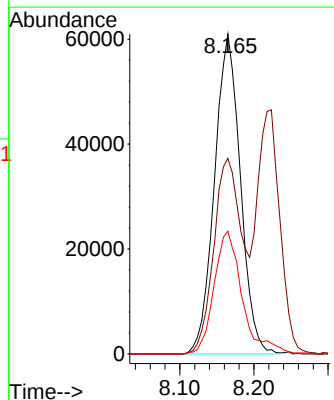
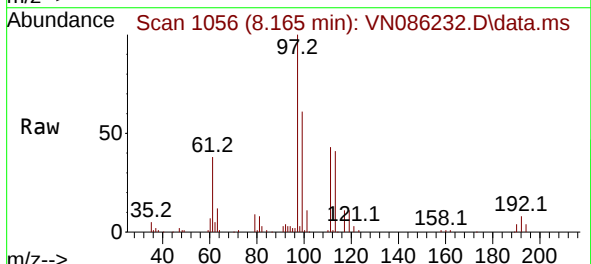
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

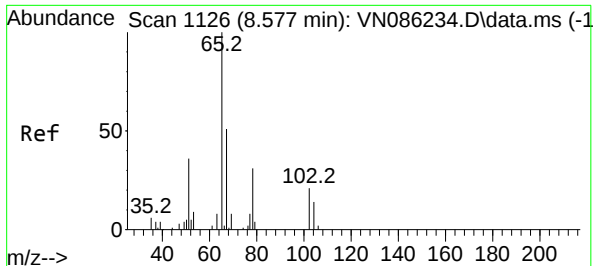
Tgt Ion: 56 Resp: 123685
Ion Ratio Lower Upper
56 100
69 34.4 23.1 34.7
84 87.8 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 65.593 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 97 Resp: 147861
Ion Ratio Lower Upper
97 100
99 67.2 51.8 77.8
61 41.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 44.361 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

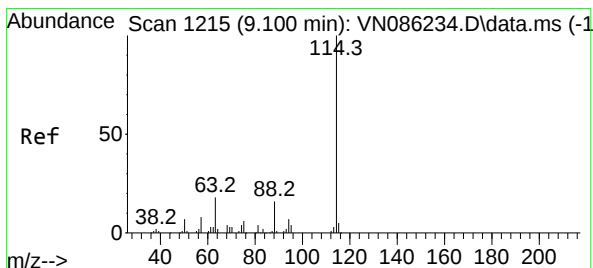
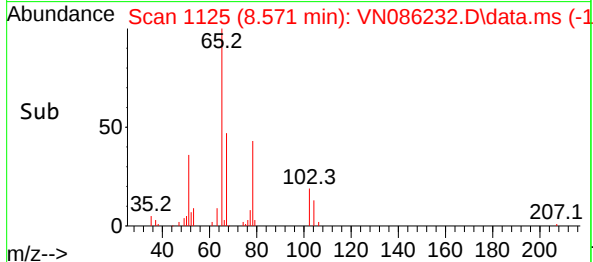
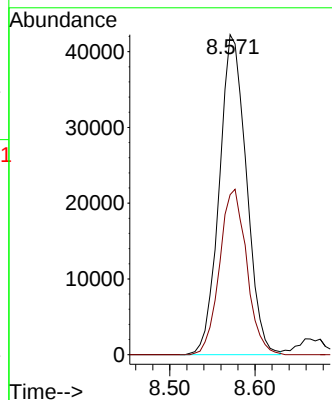
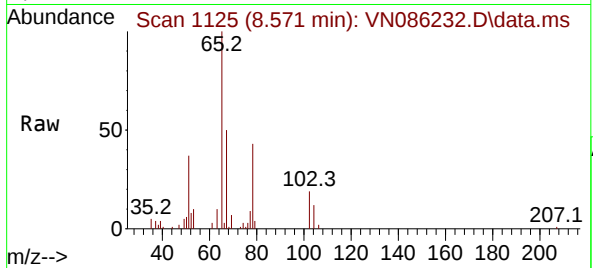
VSTDCCC050

Tgt Ion: 65 Resp: 93162

Ion Ratio Lower Upper

65 100

67 51.8 0.0 99.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

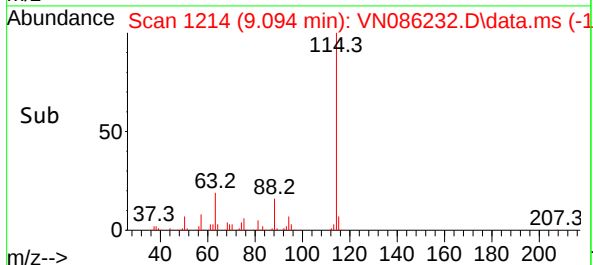
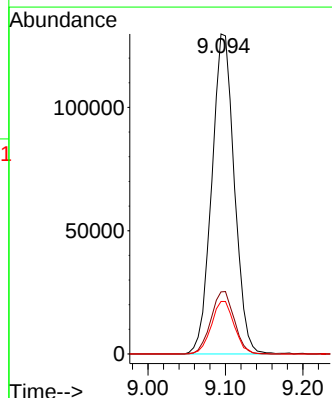
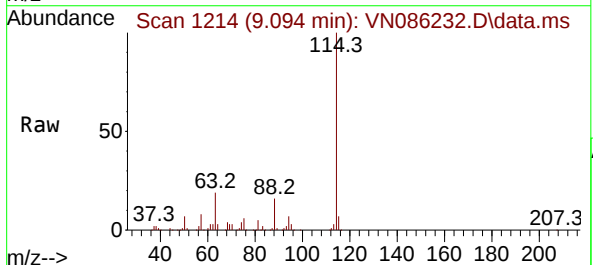
Tgt Ion: 114 Resp: 262514

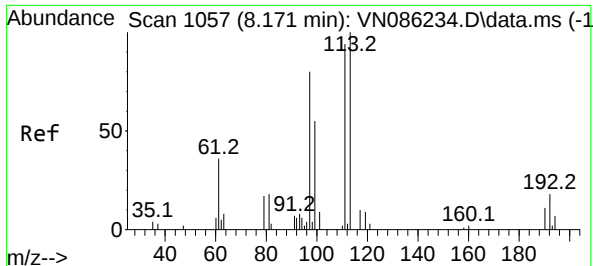
Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.6

88 16.4 0.0 31.2

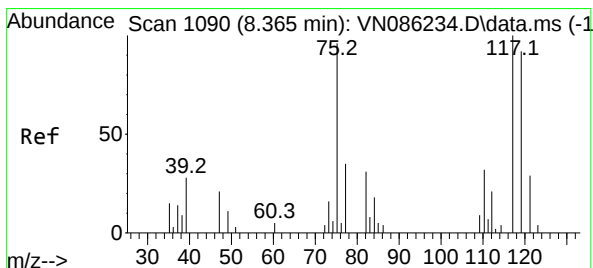
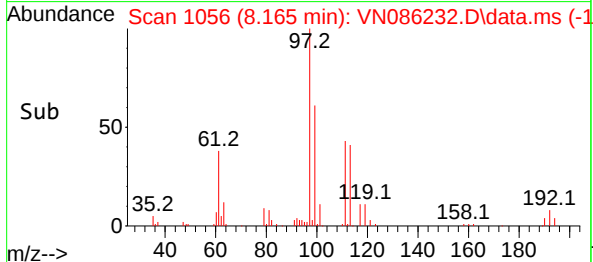
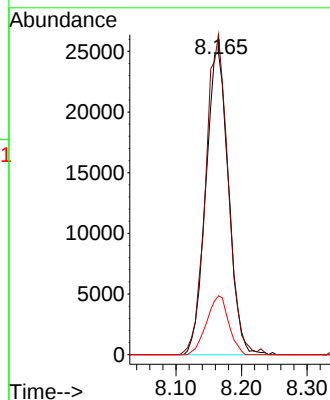
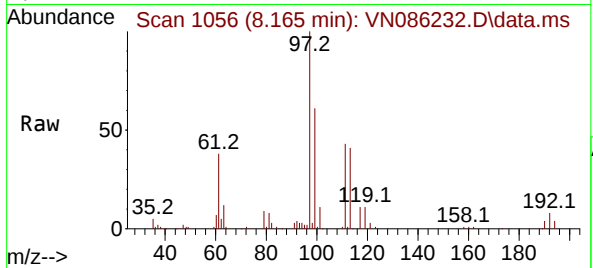




#35
Dibromofluoromethane
Concen: 45.627 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

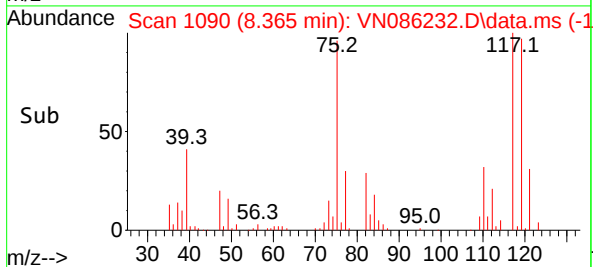
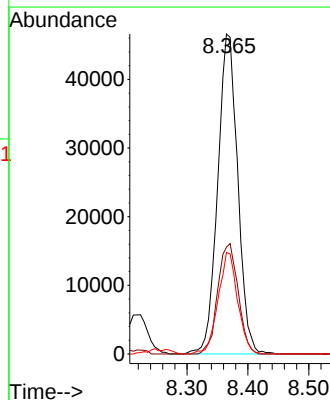
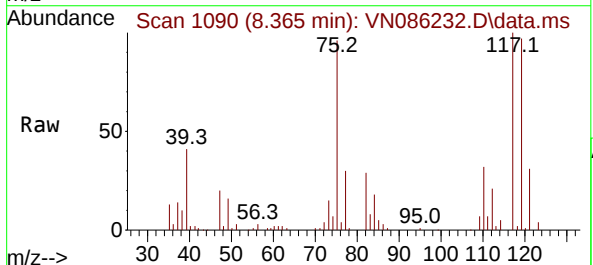
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

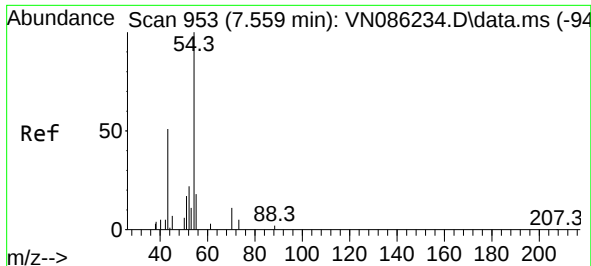
Tgt Ion:113 Resp: 60540
Ion Ratio Lower Upper
113 100
111 103.7 84.2 126.2
192 18.7 16.1 24.1



#36
1,1-Dichloropropene
Concen: 73.772 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 75 Resp: 106669
Ion Ratio Lower Upper
75 100
110 35.0 16.9 50.7
77 31.0 23.0 34.4

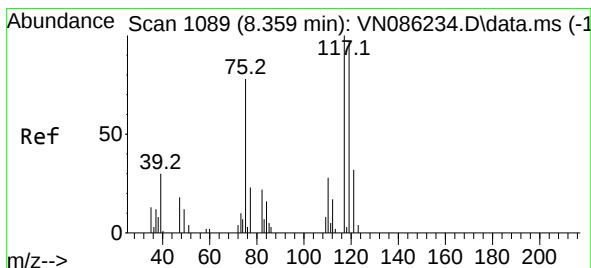
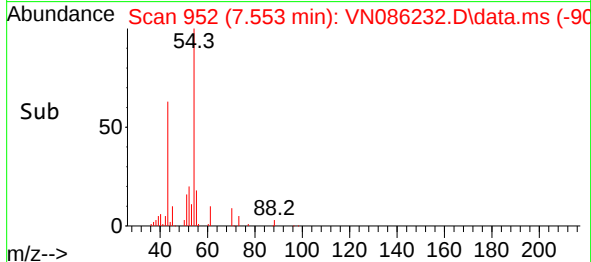
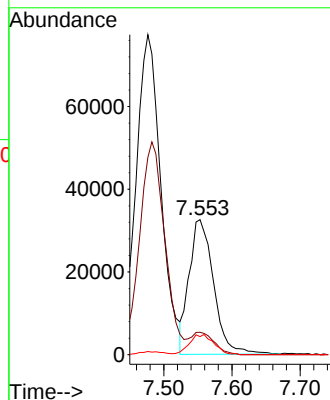
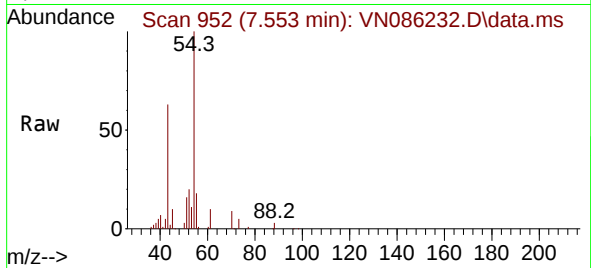




#37
Ethyl Acetate
Concen: 62.112 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

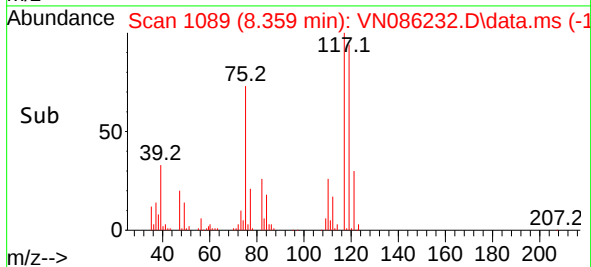
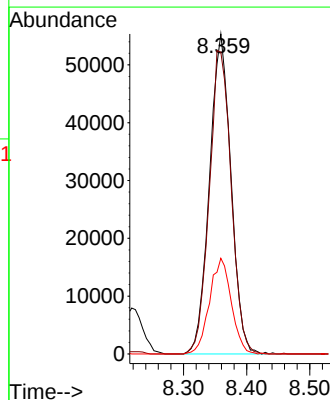
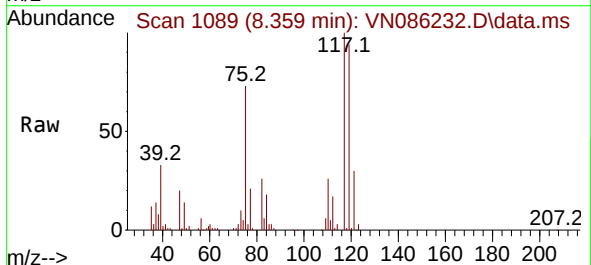
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

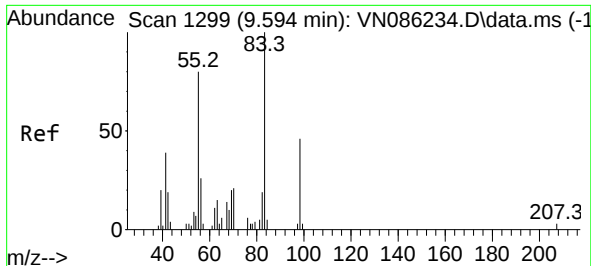
Tgt Ion: 43 Resp: 81065
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 15.0 11.7 17.5



#38
Carbon Tetrachloride
Concen: 69.895 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 117 Resp: 130605
Ion Ratio Lower Upper
117 100
119 94.3 77.9 116.9
121 29.9 25.3 37.9





#39

Methylcyclohexane

Concen: 68.822 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

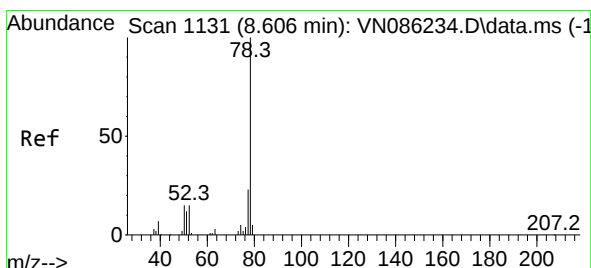
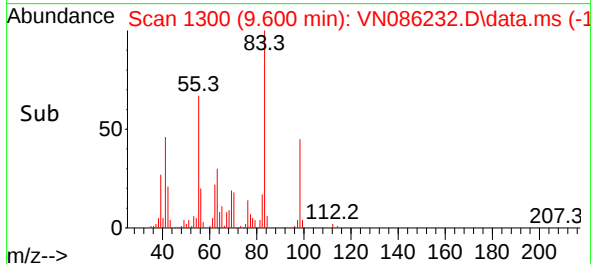
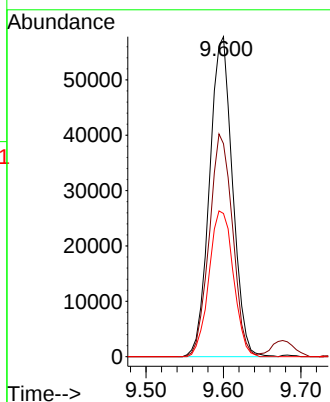
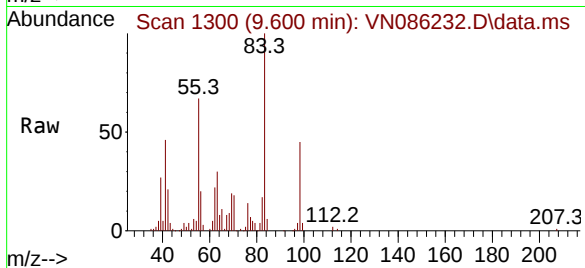
Tgt Ion: 83 Resp: 119094

Ion Ratio Lower Upper

83 100

55 66.6 63.9 95.9

98 44.7 36.6 55.0



#40

Benzene

Concen: 67.087 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086232.D

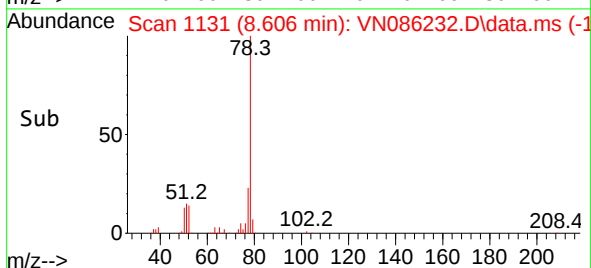
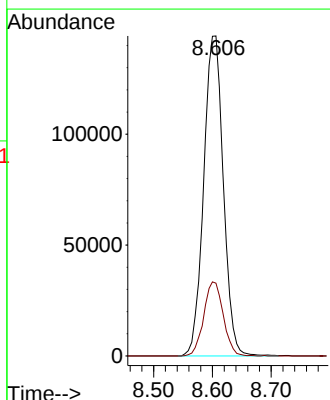
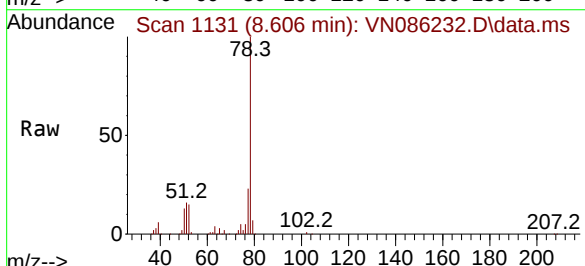
Acq: 07 Apr 2025 12:02

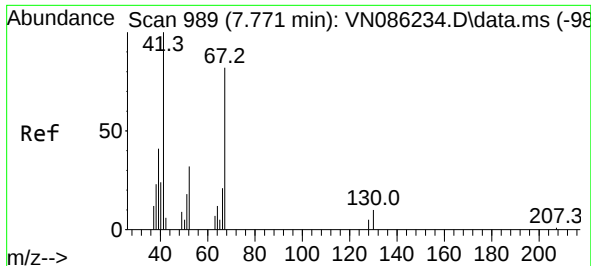
Tgt Ion: 78 Resp: 335876

Ion Ratio Lower Upper

78 100

77 22.8 18.6 28.0

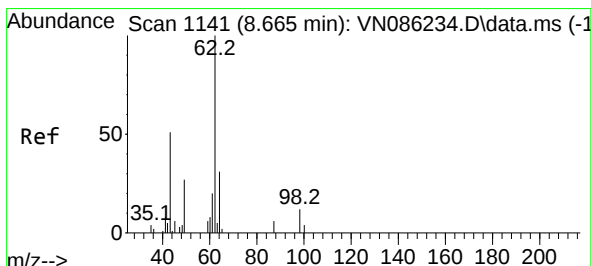
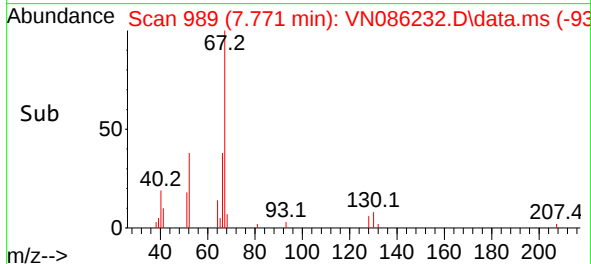
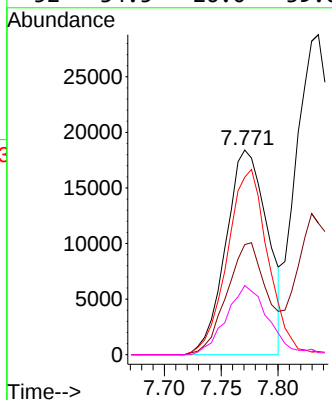
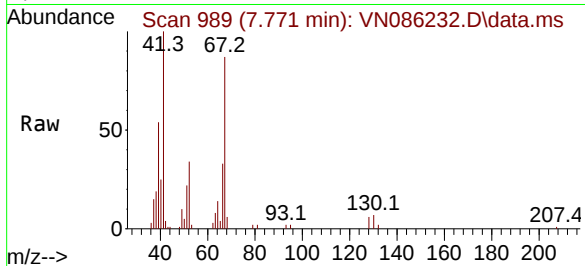




#41
Methacrylonitrile
Concen: 64.868 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

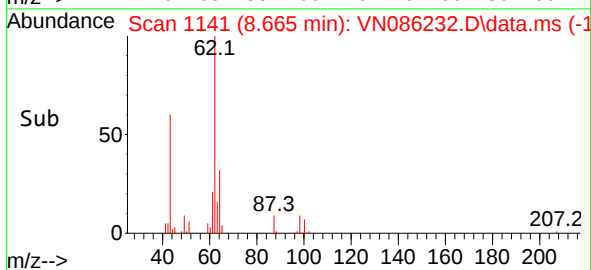
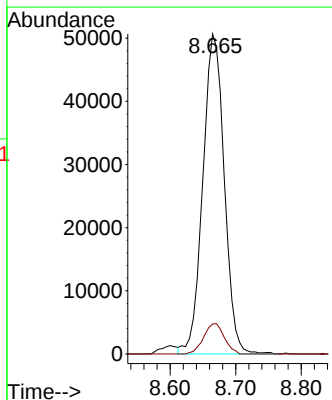
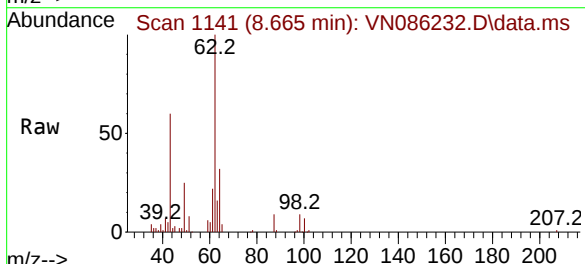
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

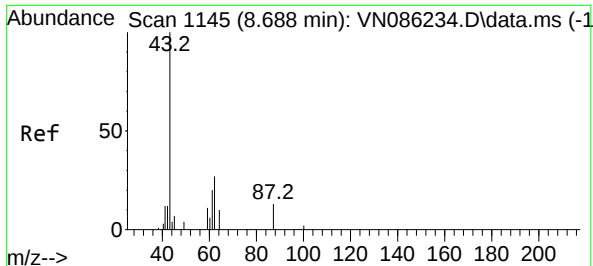
Tgt Ion:	41	Resp:	46895
Ion	Ratio	Lower	Upper
41	100		
39	52.1	39.0	58.6
67	88.6	67.8	101.6
52	34.5	26.0	39.0



#42
1,2-Dichloroethane
Concen: 69.416 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion:	62	Resp:	115279
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8

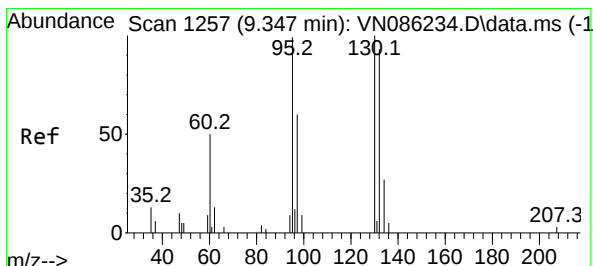
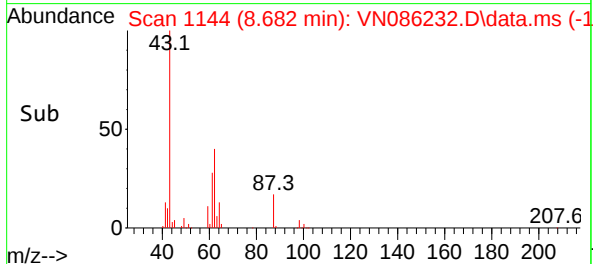
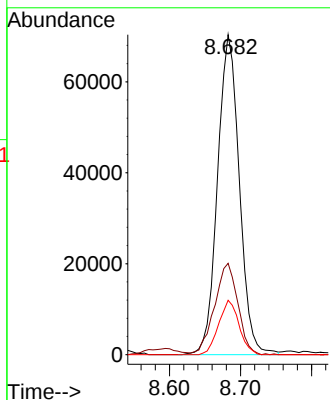
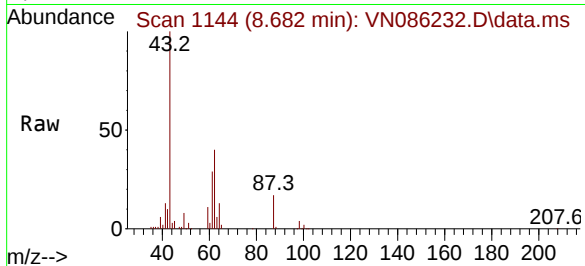




#43
Isopropyl Acetate
Concen: 49.537 ug/l
RT: 8.682 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

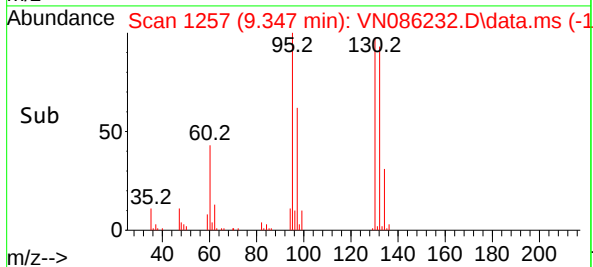
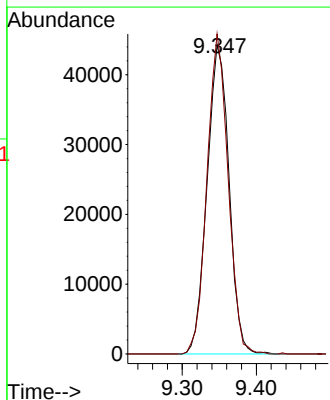
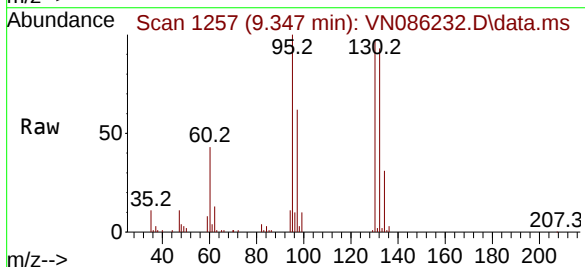
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

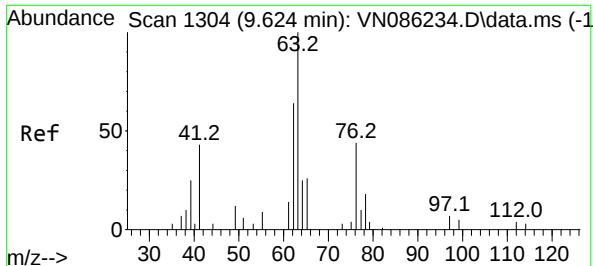
Tgt Ion: 43 Resp: 149995
Ion Ratio Lower Upper
43 100
61 30.5 21.4 32.0
87 15.9 11.4 17.0



#44
Trichloroethene
Concen: 70.843 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 130 Resp: 91006
Ion Ratio Lower Upper
130 100
95 103.5 0.0 198.6





#45

1,2-Dichloropropane

Concen: 70.932 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

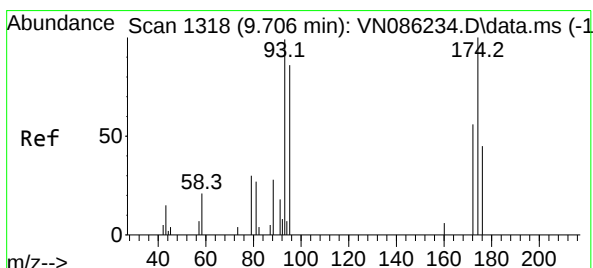
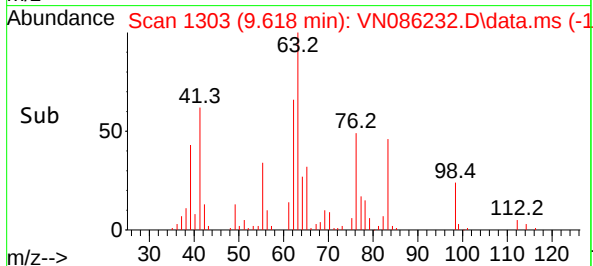
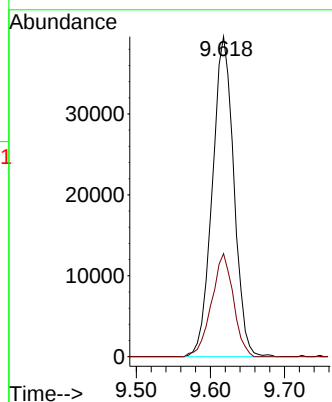
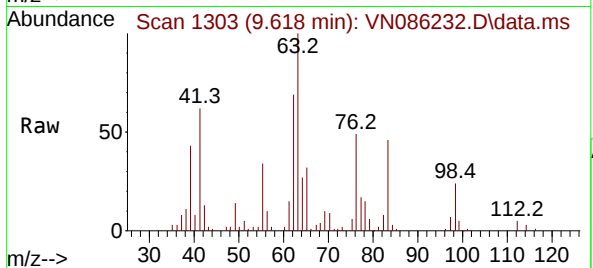
VSTDCCC050

Tgt Ion: 63 Resp: 79560

Ion Ratio Lower Upper

63 100

65 32.2 20.6 31.0#



#46

Dibromomethane

Concen: 68.492 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

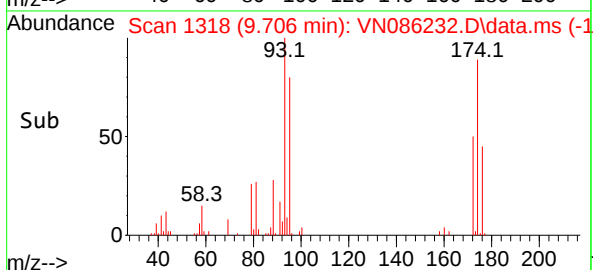
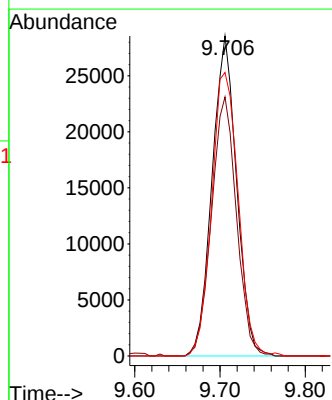
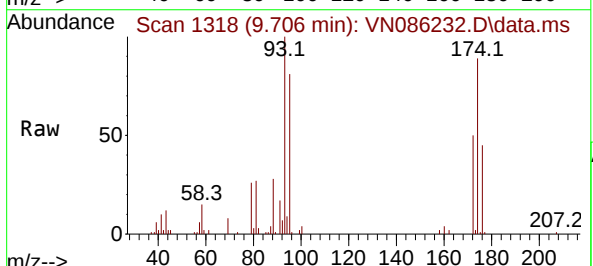
Tgt Ion: 93 Resp: 56944

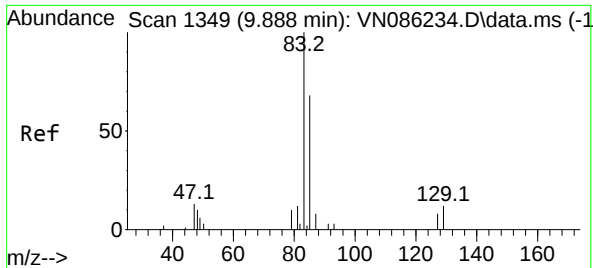
Ion Ratio Lower Upper

93 100

95 82.4 63.1 94.7

174 95.9 74.2 111.2

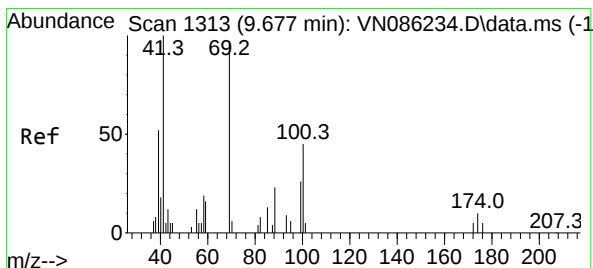
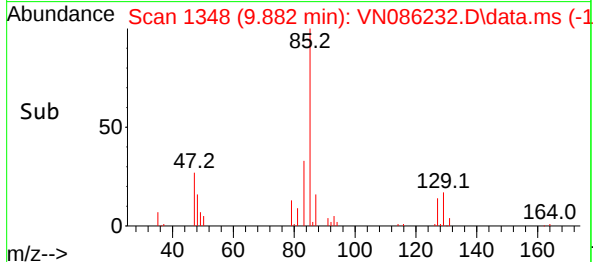
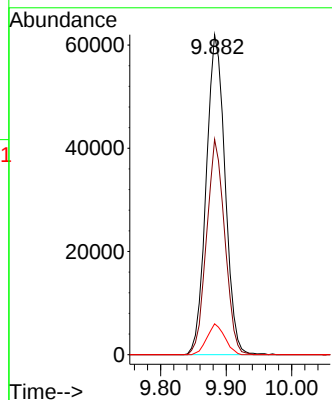
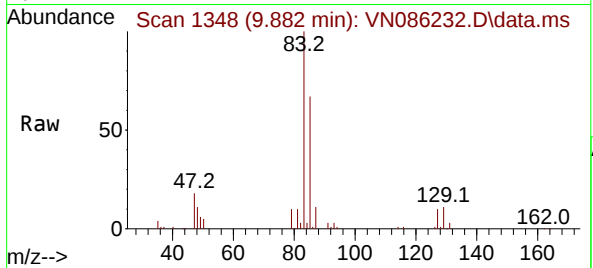




#47
Bromodichloromethane
Concen: 70.613 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

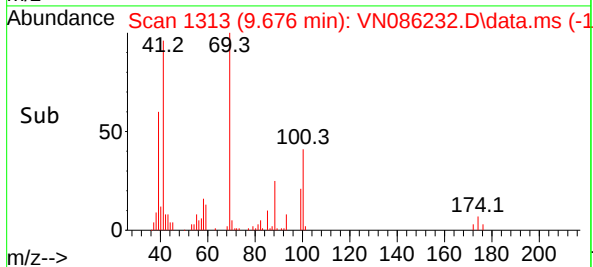
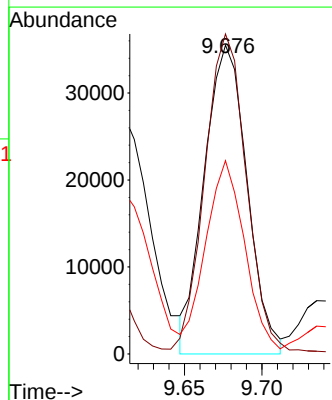
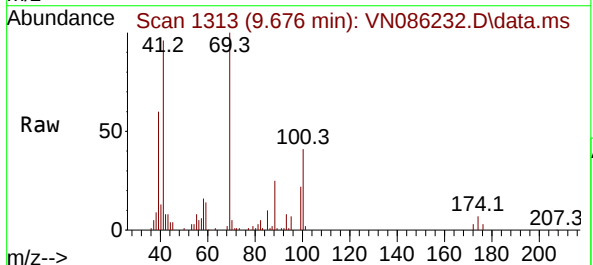
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

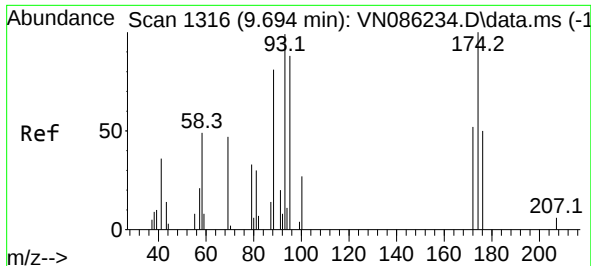
Tgt Ion: 83 Resp: 123746
Ion Ratio Lower Upper
83 100
85 67.3 54.0 81.0
127 9.6 6.4 9.6#



#48
Methyl methacrylate
Concen: 71.559 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 41 Resp: 68157
Ion Ratio Lower Upper
41 100
69 101.7 80.0 120.0
39 57.9 44.7 67.1

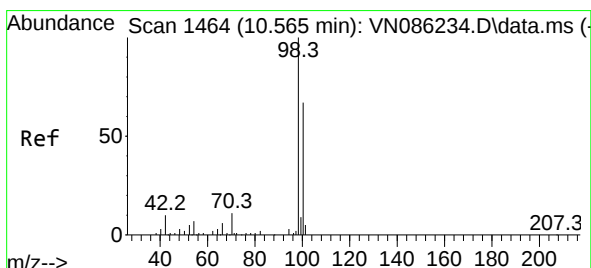
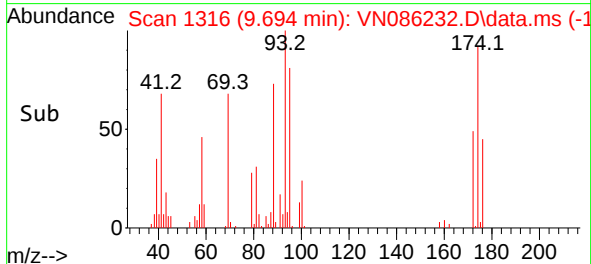
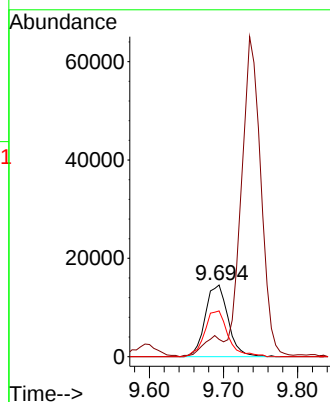
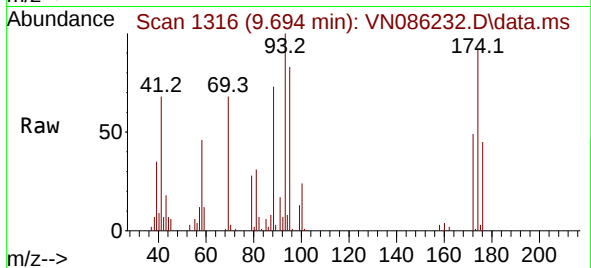




#49
1,4-Dioxane
Concen: 1390.881 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

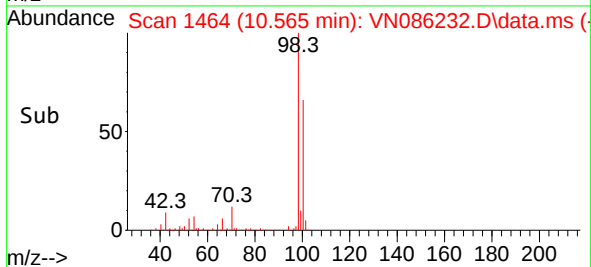
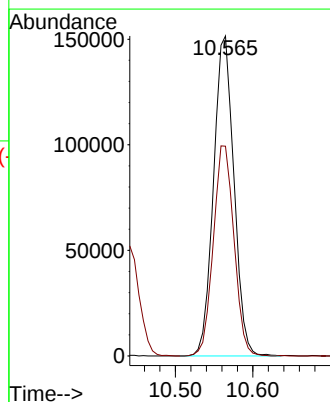
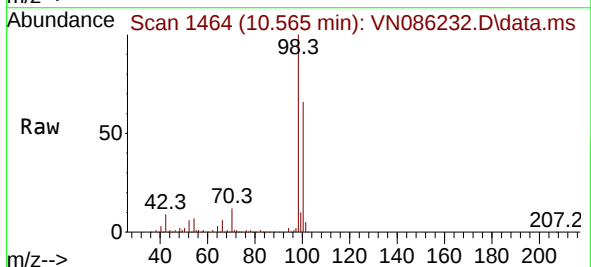
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

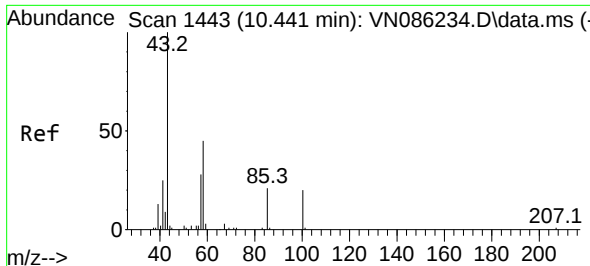
Tgt Ion: 88 Resp: 31223
Ion Ratio Lower Upper
88 100
43 24.6 16.8 25.2
58 65.5 52.2 78.2



#50
Toluene-d8
Concen: 50.484 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 98 Resp: 277266
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6

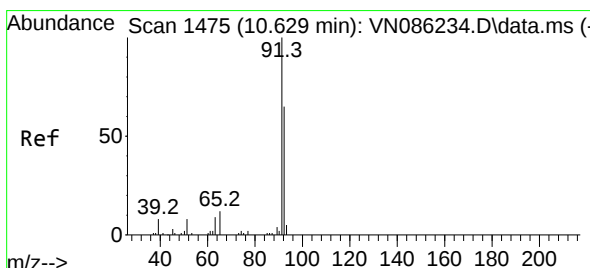
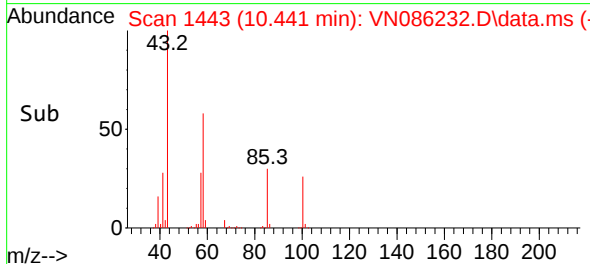
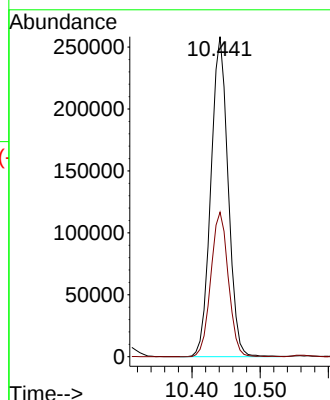
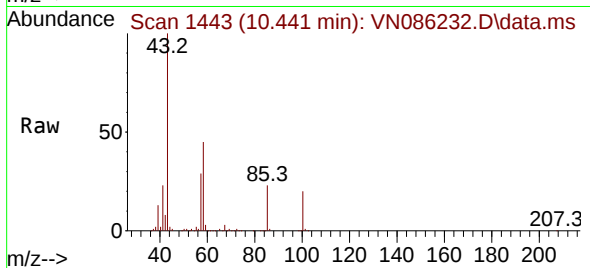




#51
4-Methyl-2-Pentanone
Concen: 361.151 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

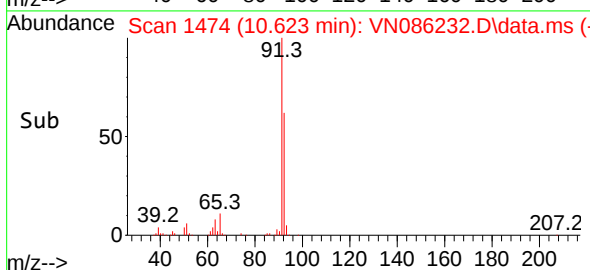
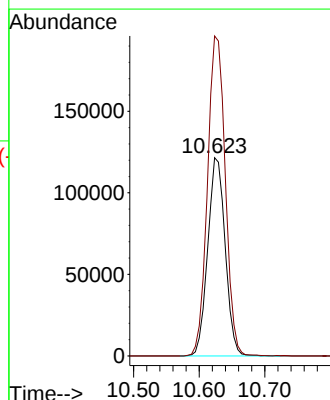
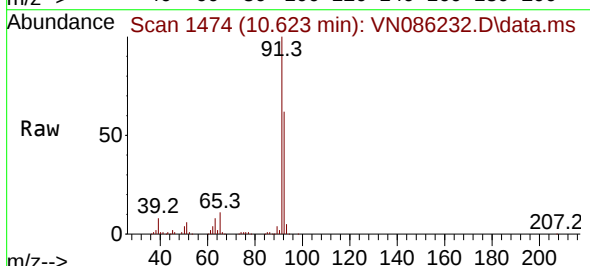
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

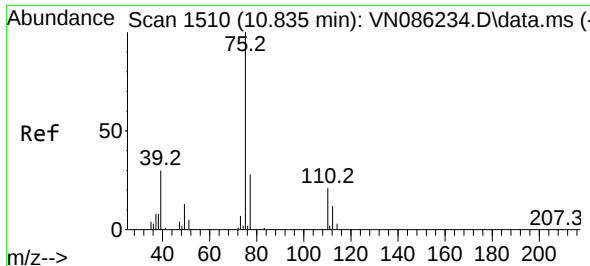
Tgt Ion: 43 Resp: 454255
Ion Ratio Lower Upper
43 100
58 45.9 36.2 54.4



#52
Toluene
Concen: 75.097 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 92 Resp: 224945
Ion Ratio Lower Upper
92 100
91 165.0 134.9 202.3

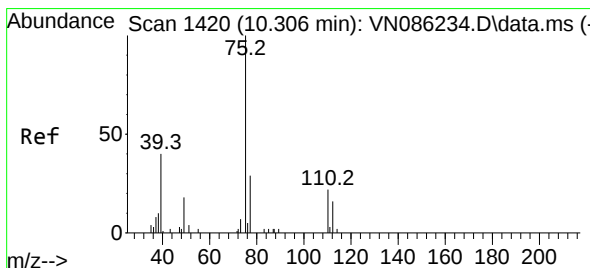
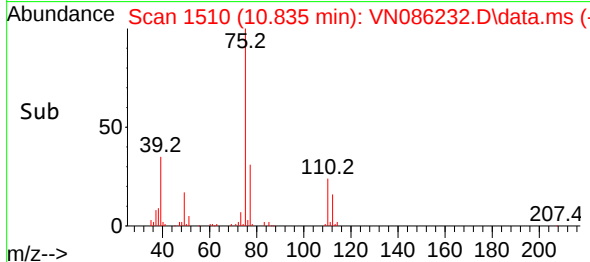
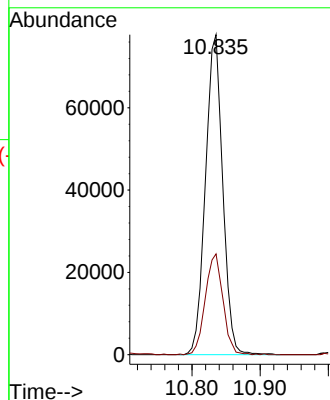
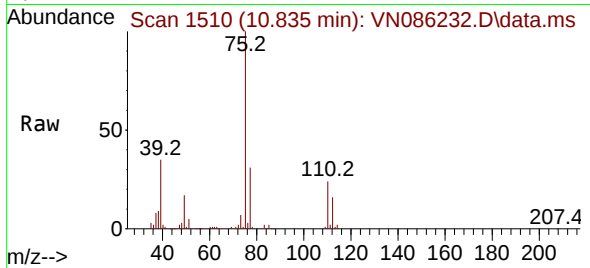




#53
t-1,3-Dichloropropene
Concen: 75.419 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

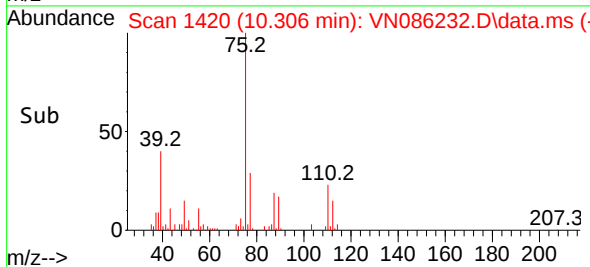
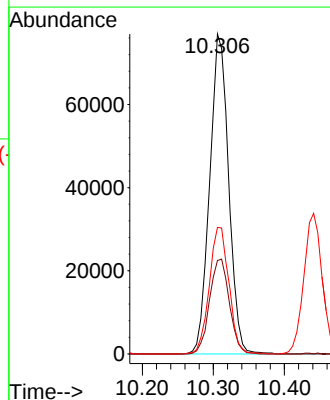
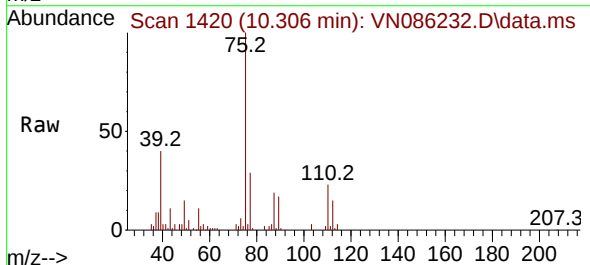
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

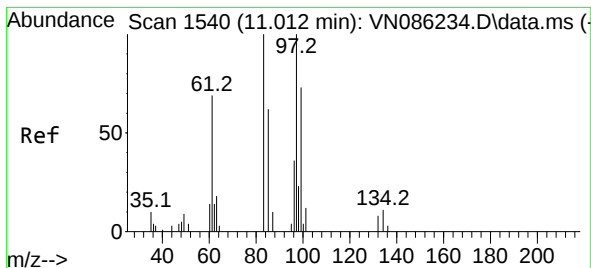
Tgt Ion: 75 Resp: 136807
Ion Ratio Lower Upper
75 100
77 31.5 22.2 33.2



#54
cis-1,3-Dichloropropene
Concen: 72.919 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 75 Resp: 142601
Ion Ratio Lower Upper
75 100
77 29.2 22.9 34.3
39 39.6 31.7 47.5





#55

1,1,2-Trichloroethane

Concen: 69.018 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 80749

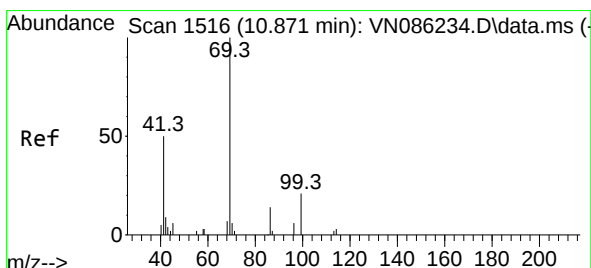
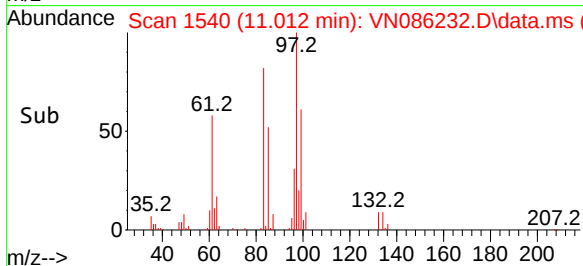
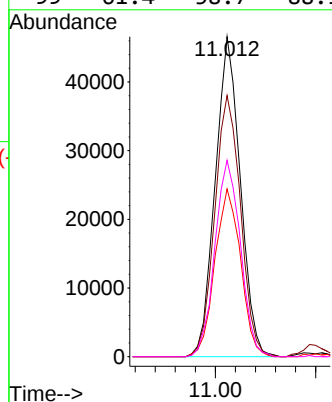
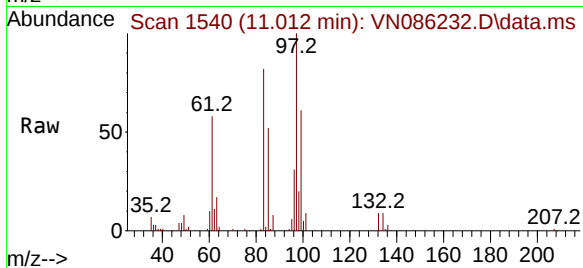
Ion Ratio Lower Upper

97 100

83 81.6 80.2 120.4

85 52.4 49.7 74.5

99 61.4 58.7 88.1



#56

Ethyl methacrylate

Concen: 86.627 ug/l

RT: 10.870 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

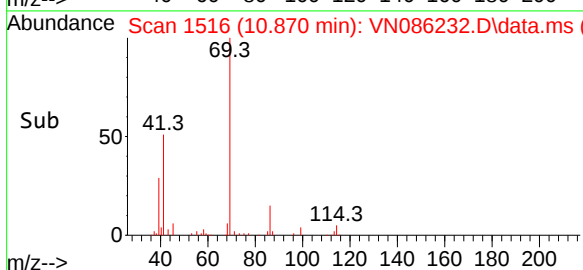
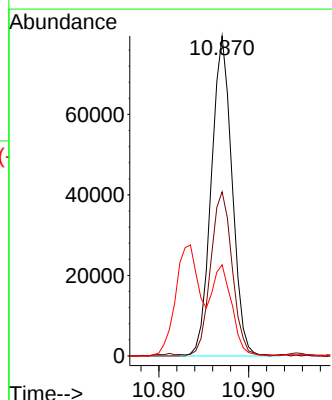
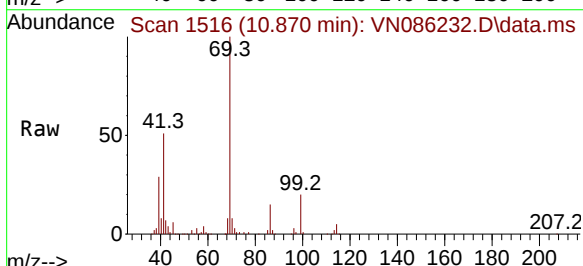
Tgt Ion: 69 Resp: 127577

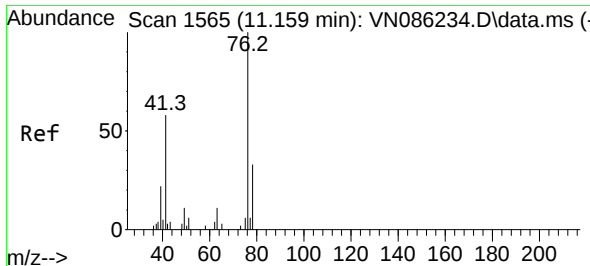
Ion Ratio Lower Upper

69 100

41 53.5 43.9 65.9

39 26.6 22.0 33.0





#57

1,3-Dichloropropane

Concen: 73.326 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

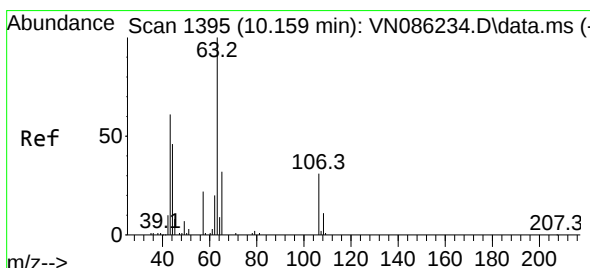
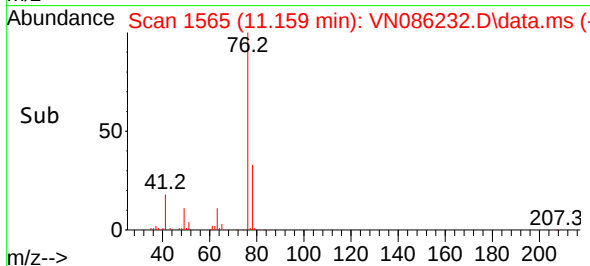
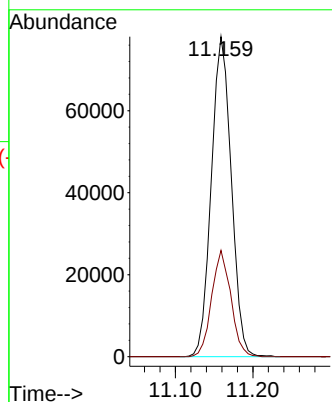
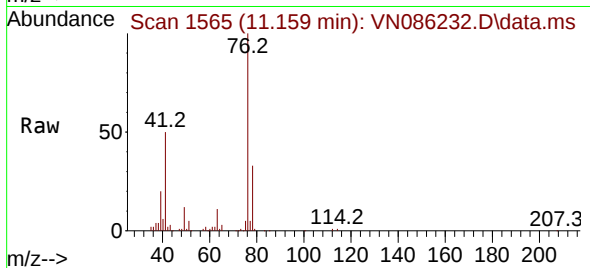
VSTDCCC050

Tgt Ion: 76 Resp: 139905

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 506.221 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086232.D

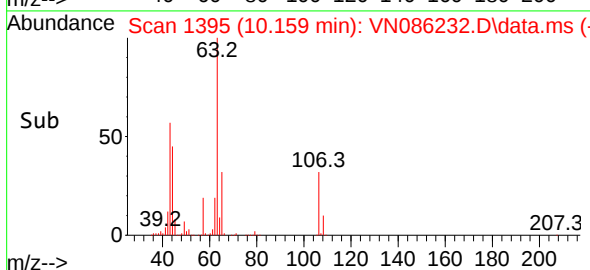
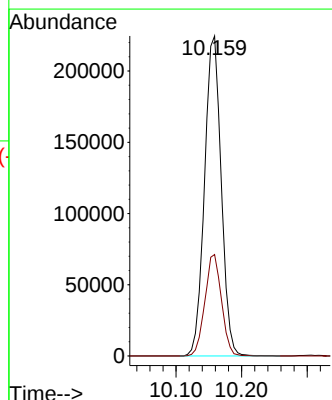
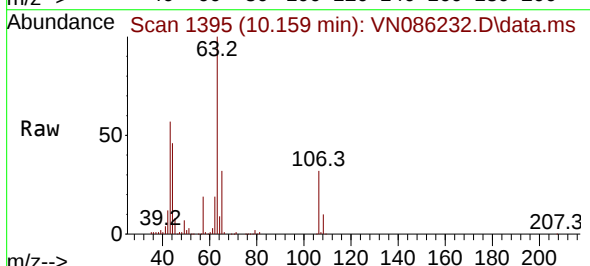
Acq: 07 Apr 2025 12:02

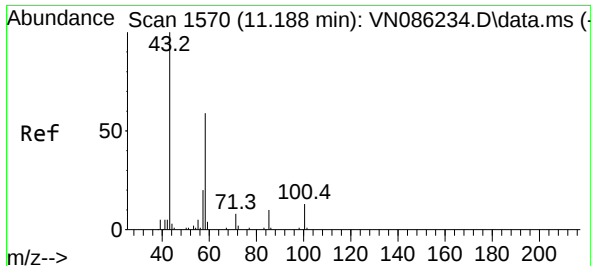
Tgt Ion: 63 Resp: 397992

Ion Ratio Lower Upper

63 100

106 31.5 24.1 36.1

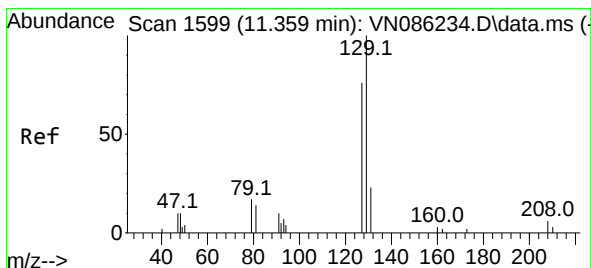
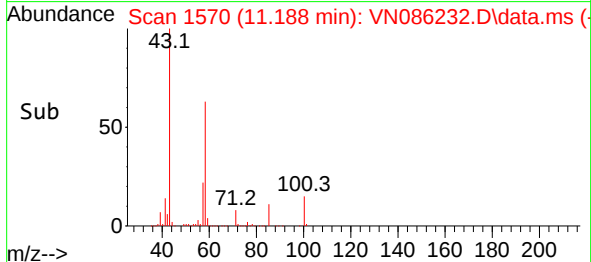
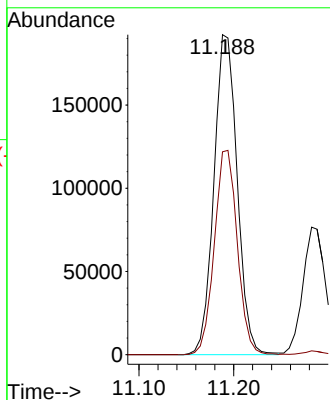
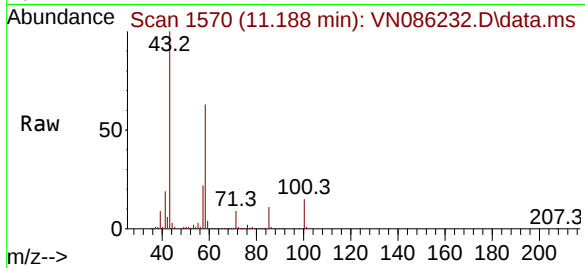




#59
2-Hexanone
Concen: 372.427 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

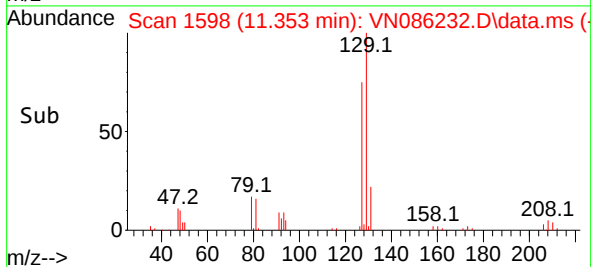
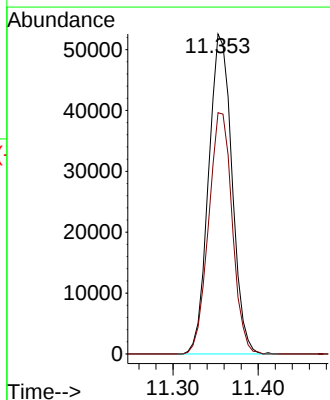
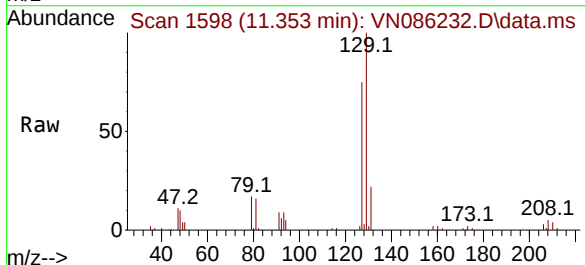
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

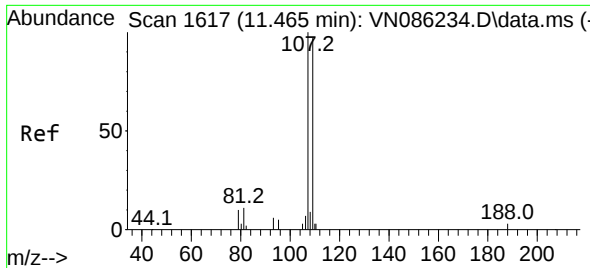
Tgt Ion: 43 Resp: 328871
Ion Ratio Lower Upper
43 100
58 63.1 32.2 96.6



#60
Dibromochloromethane
Concen: 73.005 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion:129 Resp: 100223
Ion Ratio Lower Upper
129 100
127 76.0 39.8 119.3

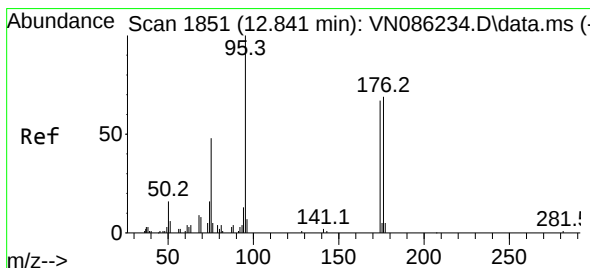
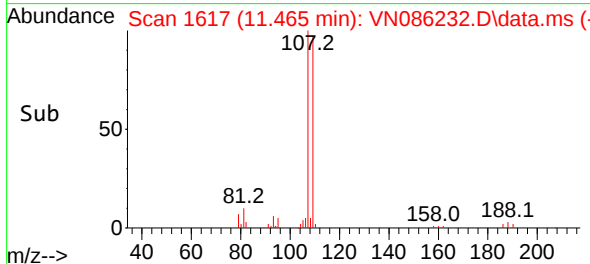
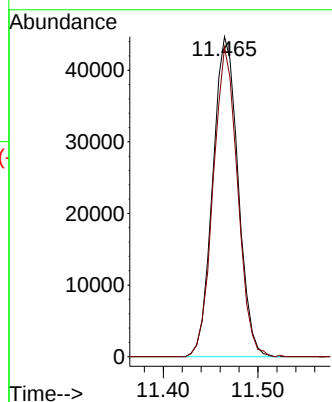
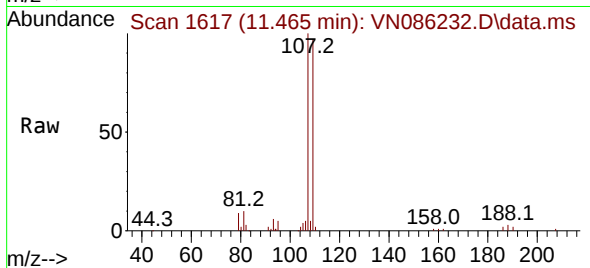




#61
1,2-Dibromoethane
Concen: 76.175 ug/l
RT: 11.465 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

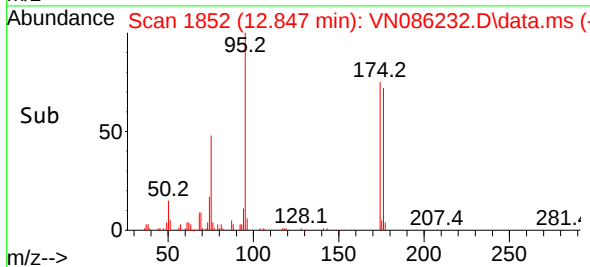
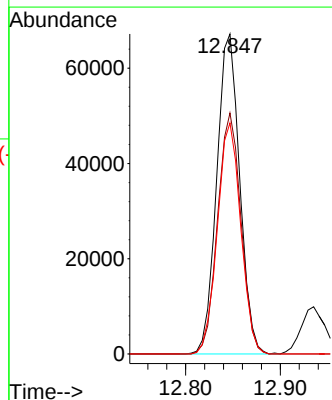
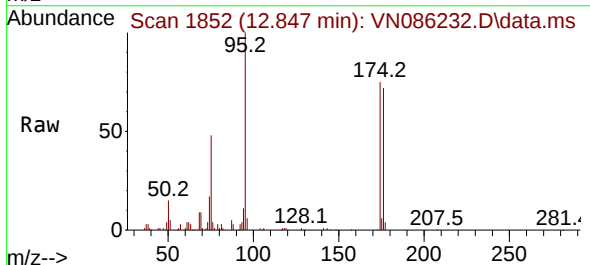
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

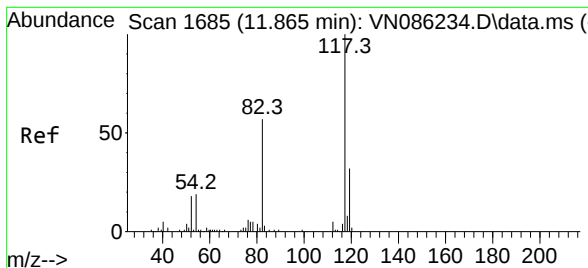
Tgt Ion:107 Resp: 82845
Ion Ratio Lower Upper
107 100
109 93.3 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 58.334 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 95 Resp: 113227
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.0
176 73.4 0.0 145.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

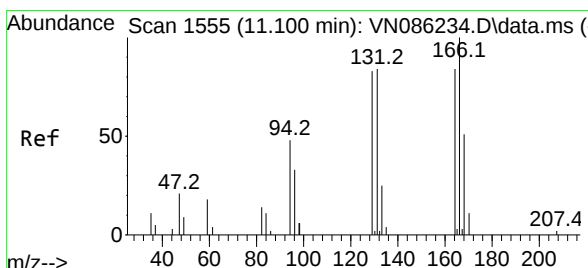
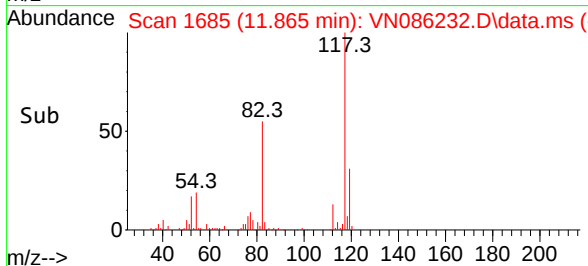
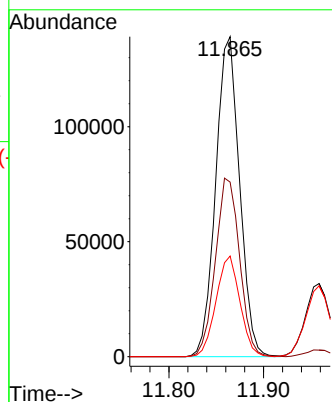
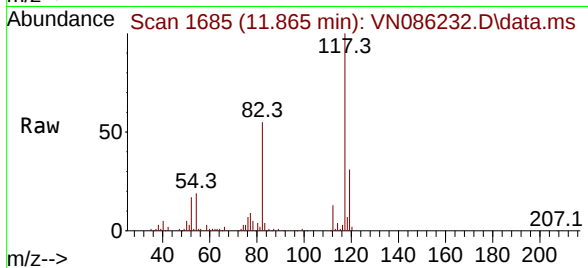
Tgt Ion:117 Resp: 243815

Ion Ratio Lower Upper

117 100

82 54.5 45.6 68.4

119 31.4 25.9 38.9



#64

Tetrachloroethene

Concen: 68.979 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

Tgt Ion:164 Resp: 99155

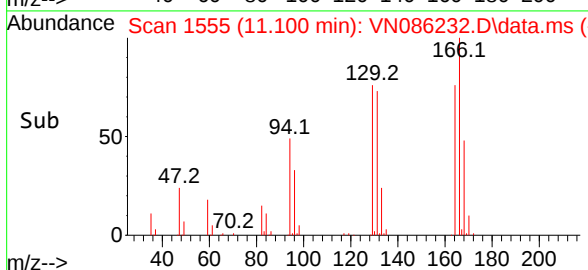
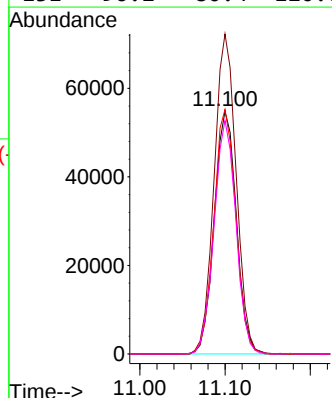
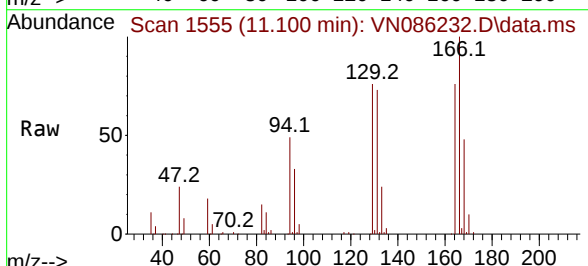
Ion Ratio Lower Upper

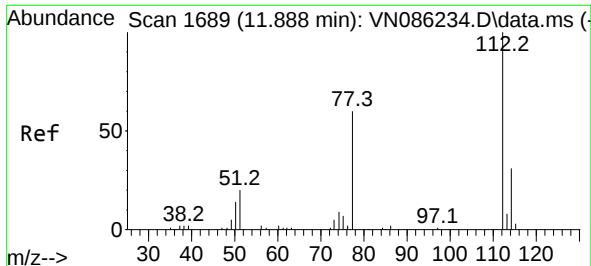
164 100

166 131.9 95.7 143.5

129 100.8 79.4 119.0

131 96.2 80.4 120.6

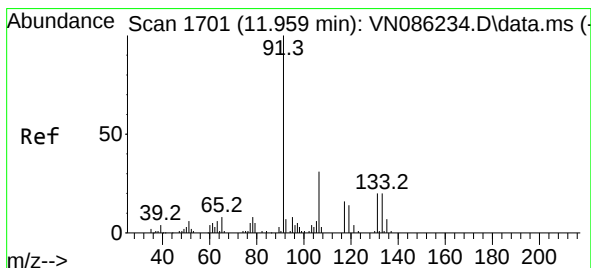
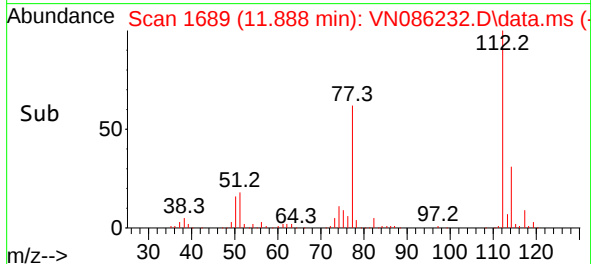
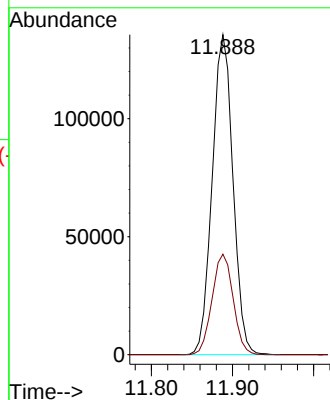
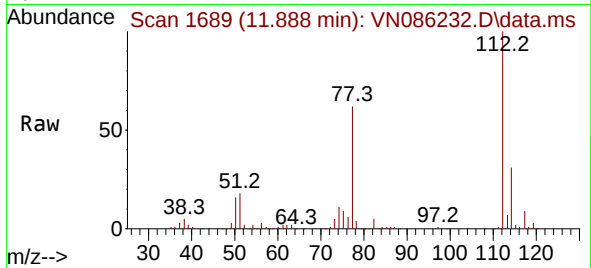




#65
Chlorobenzene
Concen: 67.611 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

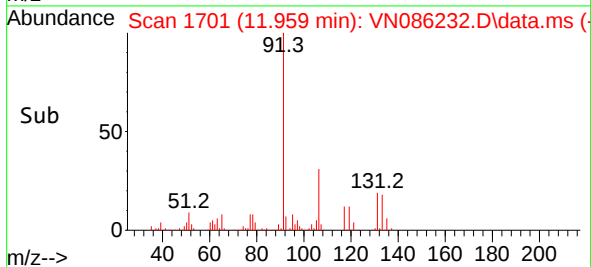
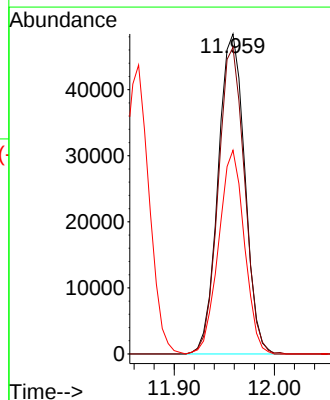
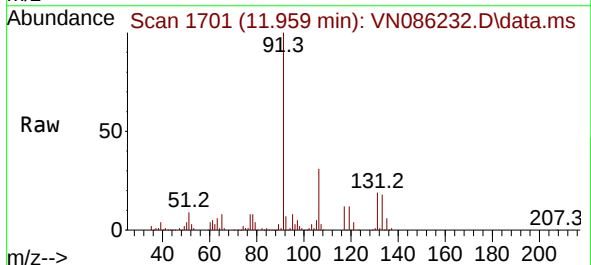
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

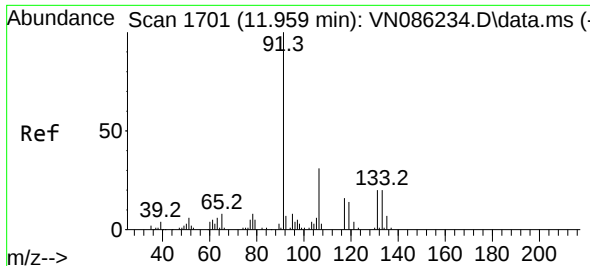
Tgt Ion:112 Resp: 240841
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 70.398 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion:131 Resp: 89282
Ion Ratio Lower Upper
131 100
133 94.6 49.0 147.0
119 61.6 32.5 97.5

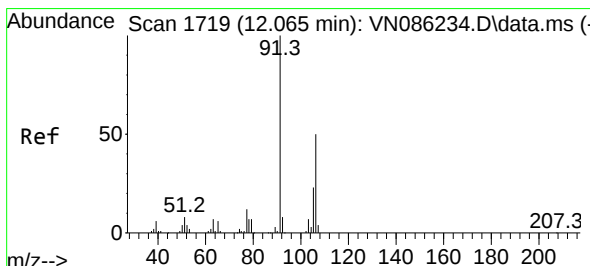
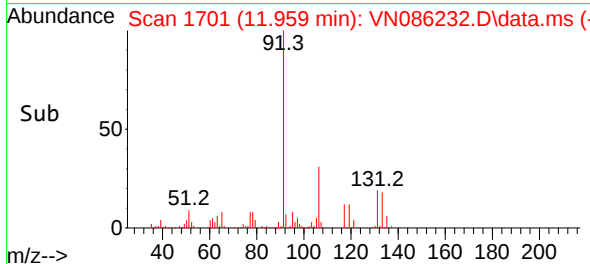
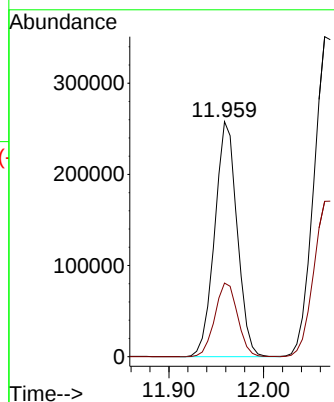
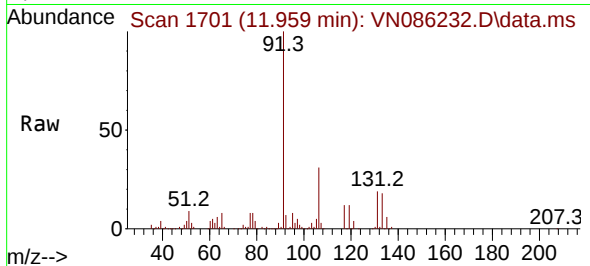




#67
Ethyl Benzene
Concen: 75.095 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

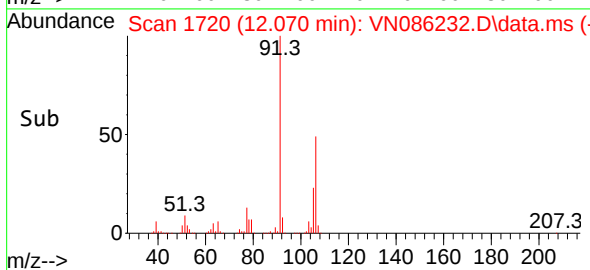
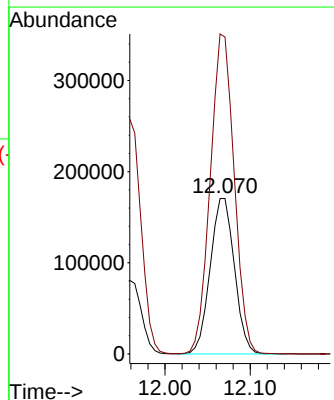
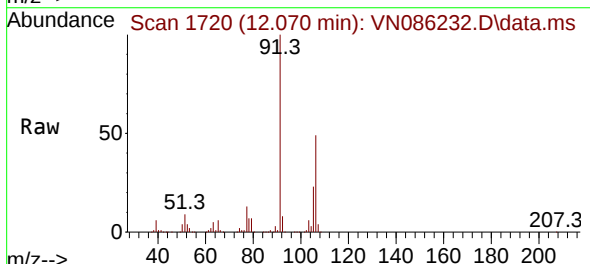
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

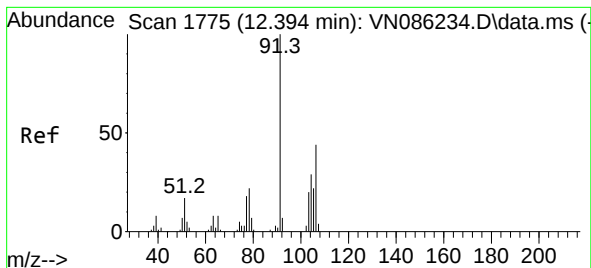
Tgt Ion: 91 Resp: 424065
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



#68
m/p-Xylenes
Concen: 155.956 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 106 Resp: 336697
Ion Ratio Lower Upper
106 100
91 203.7 156.7 235.1





#69

o-Xylene

Concen: 77.503 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

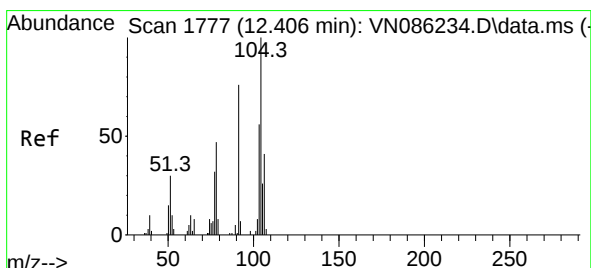
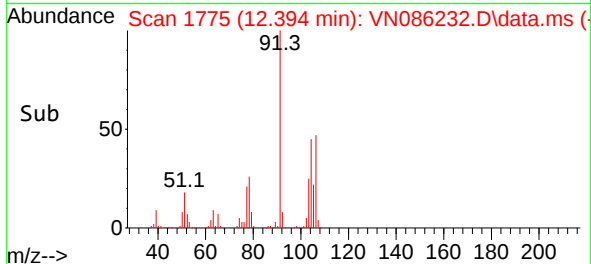
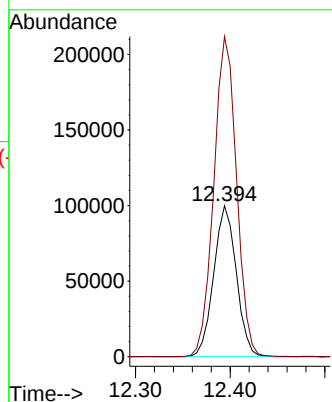
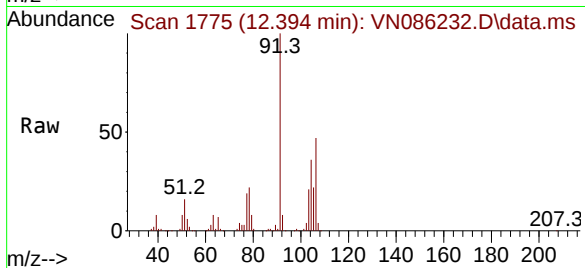
VSTDCCC050

Tgt Ion:106 Resp: 165399

Ion Ratio Lower Upper

106 100

91 213.9 109.0 327.0



#70

Styrene

Concen: 84.737 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

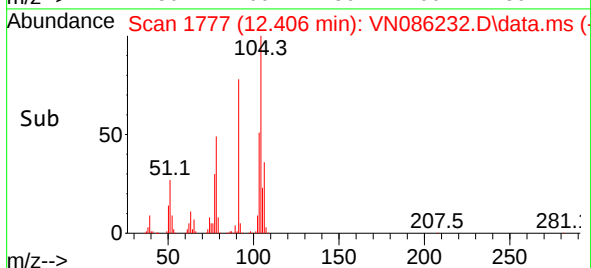
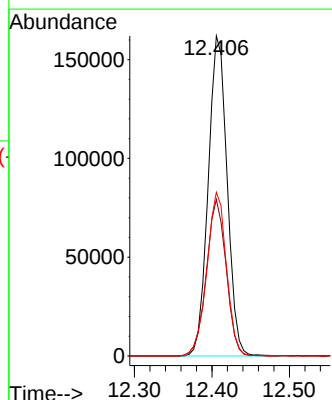
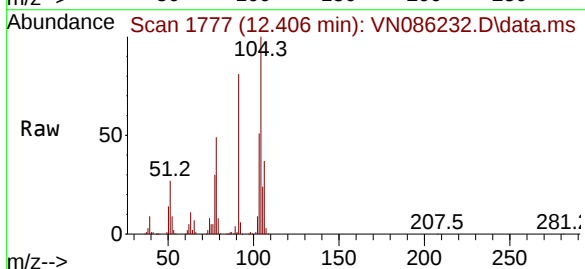
Tgt Ion:104 Resp: 274640

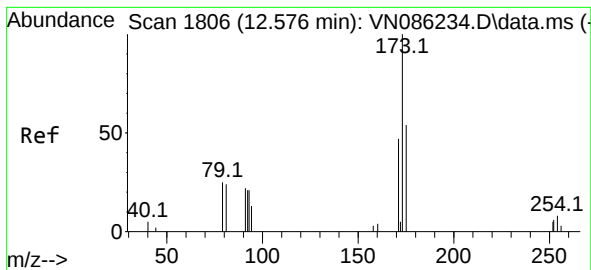
Ion Ratio Lower Upper

104 100

78 51.1 43.0 64.4

103 52.9 44.3 66.5





#71

Bromoform

Concen: 73.927 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

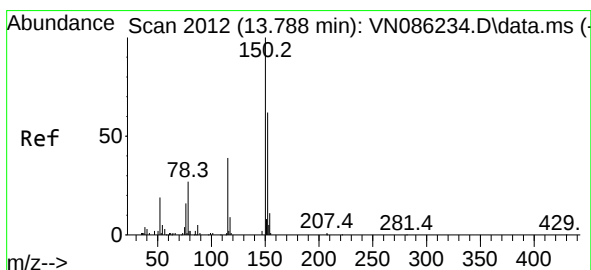
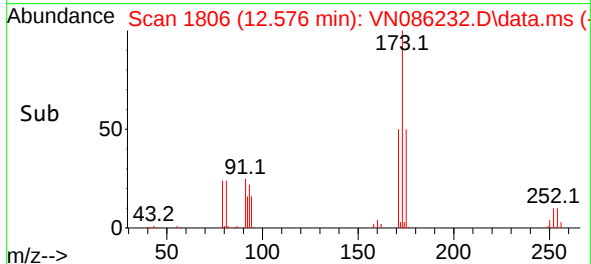
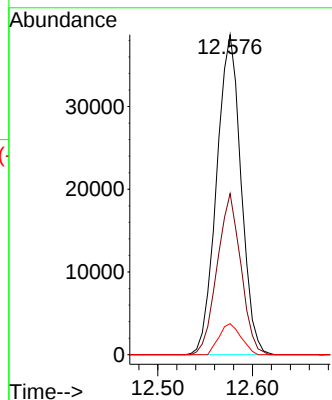
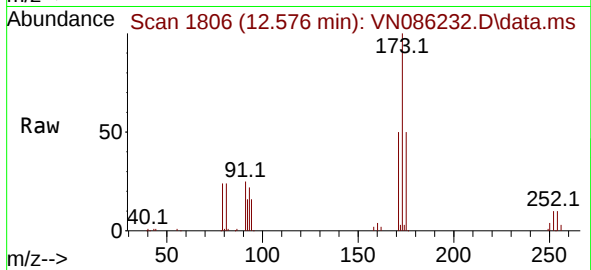
Tgt Ion:173 Resp: 69321

Ion Ratio Lower Upper

173 100

175 48.8 24.8 74.3

254 8.7 6.3 9.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

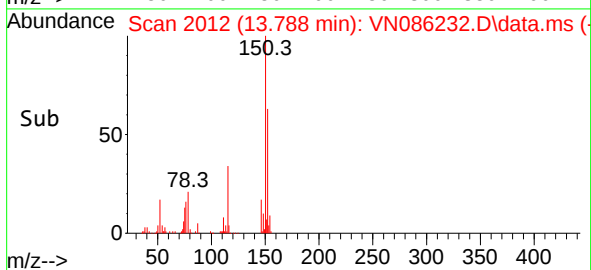
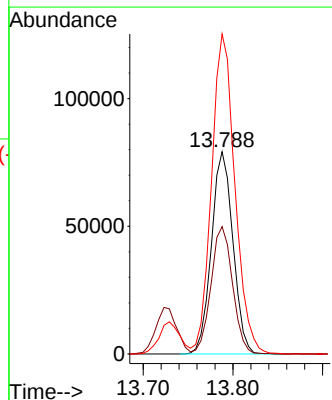
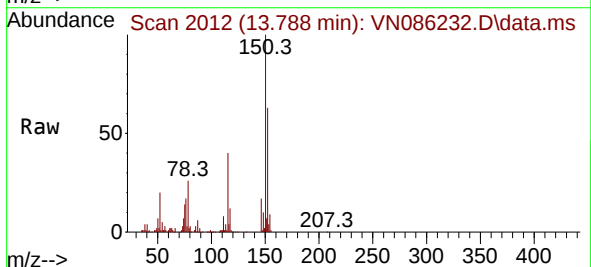
Tgt Ion:152 Resp: 131713

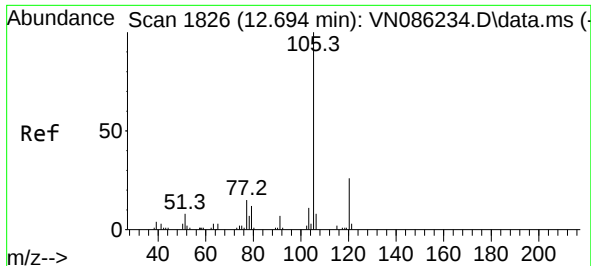
Ion Ratio Lower Upper

152 100

115 63.2 31.2 93.6

150 172.0 0.0 333.2

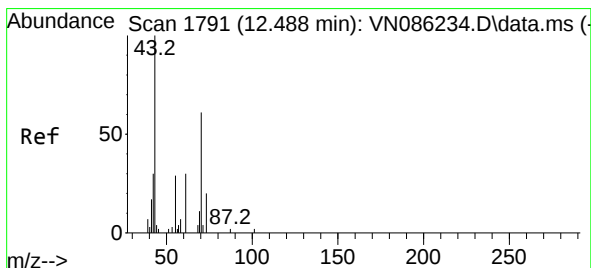
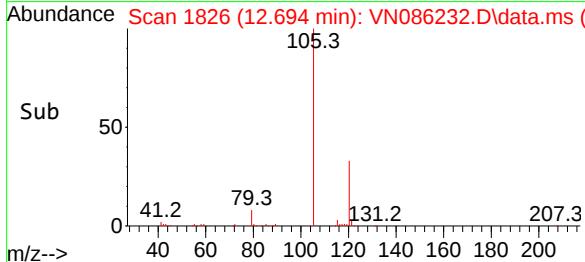
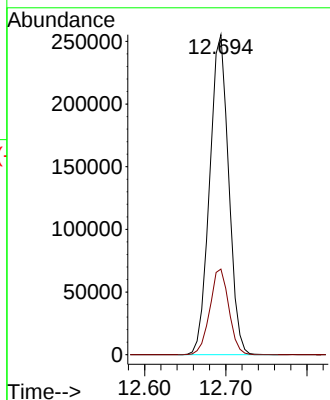
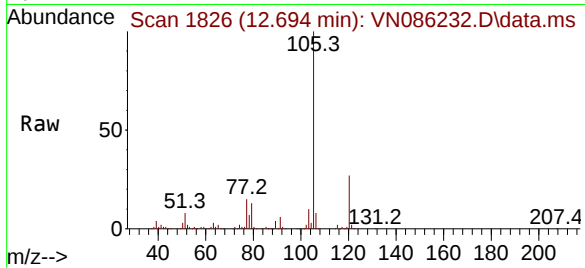




#73
Isopropylbenzene
Concen: 68.840 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

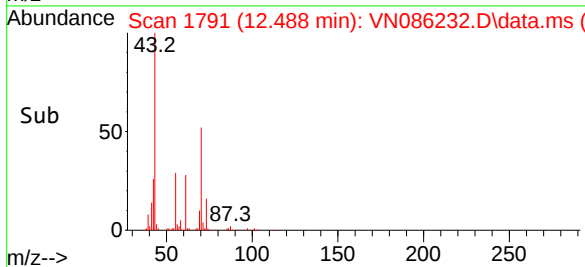
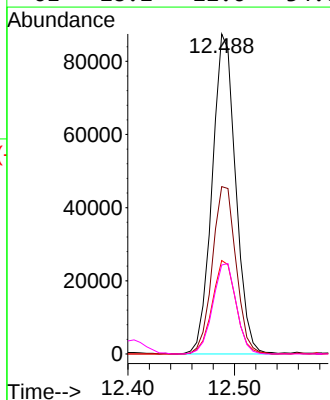
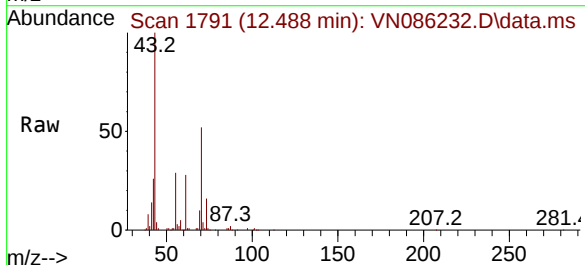
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

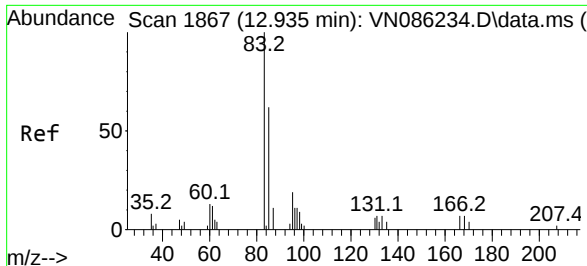
Tgt Ion:105 Resp: 415036
Ion Ratio Lower Upper
105 100
120 26.7 12.7 38.0



#74
N-ethyl acetate
Concen: 73.212 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 43 Resp: 133920
Ion Ratio Lower Upper
43 100
70 52.6 43.5 65.3
55 29.4 24.8 37.2
61 28.2 22.6 34.0

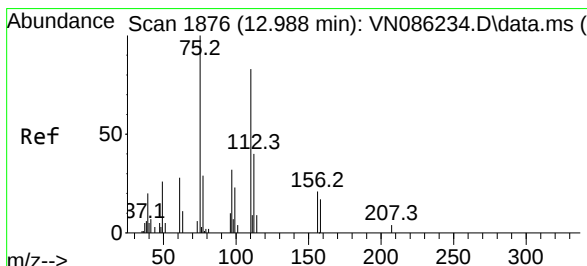
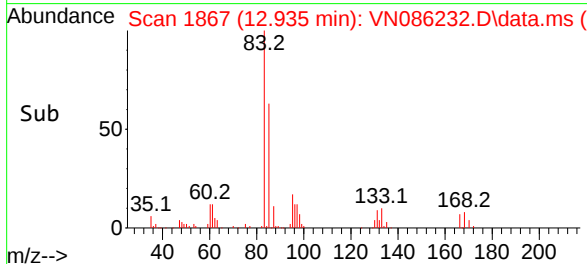
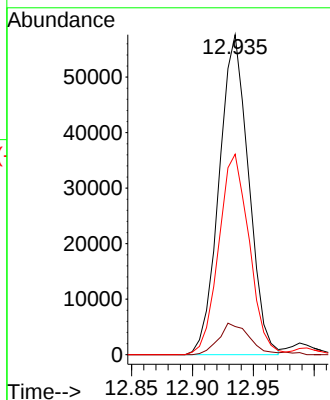
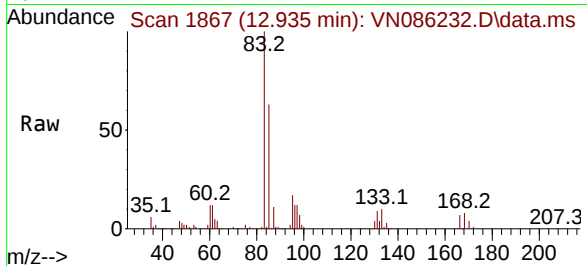




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.501 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086232.D
 Acq: 07 Apr 2025 12:02

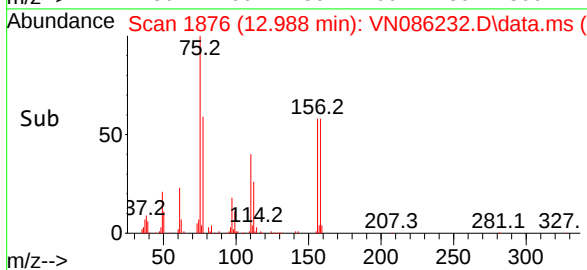
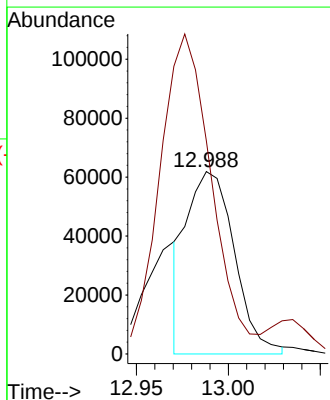
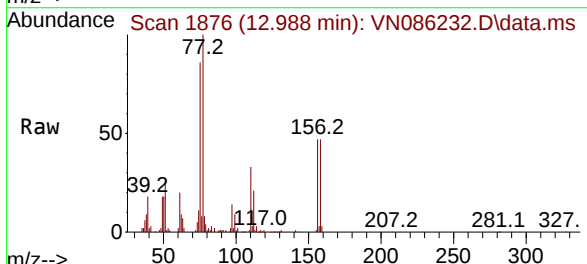
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

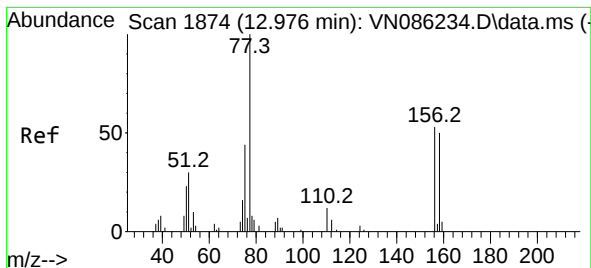
Tgt Ion: 83 Resp: 97210
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.3 15.8
 85 64.6 29.6 88.9



#76
 1,2,3-Trichloropropane
 Concen: 57.468 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN086232.D
 Acq: 07 Apr 2025 12:02

Tgt Ion: 75 Resp: 111515
 Ion Ratio Lower Upper
 75 100
 77 192.5 85.4 256.1





#77

Bromobenzene

Concen: 64.396 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

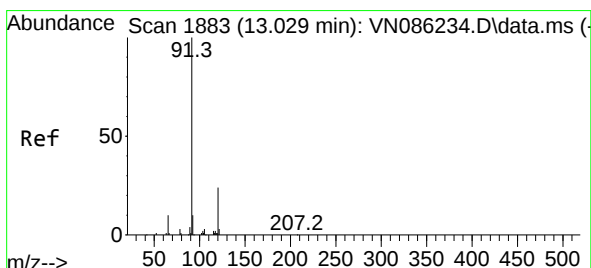
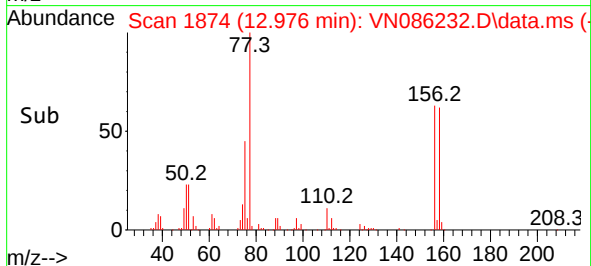
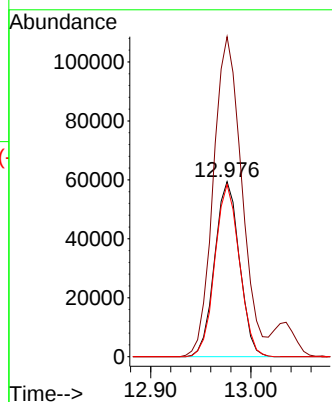
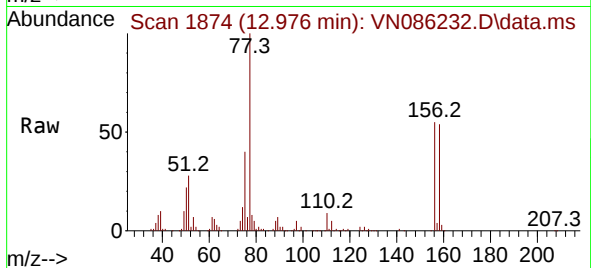
Tgt Ion:156 Resp: 102053

Ion Ratio Lower Upper

156 100

77 210.4 108.3 325.0

158 97.2 49.1 147.4



#78

n-propylbenzene

Concen: 72.188 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.000 min

Lab File: VN086232.D

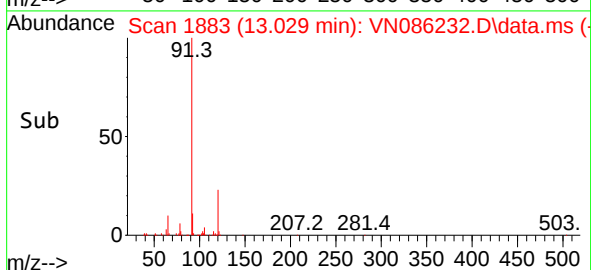
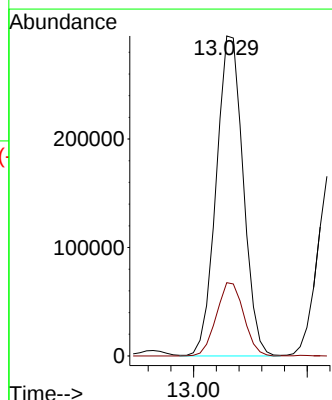
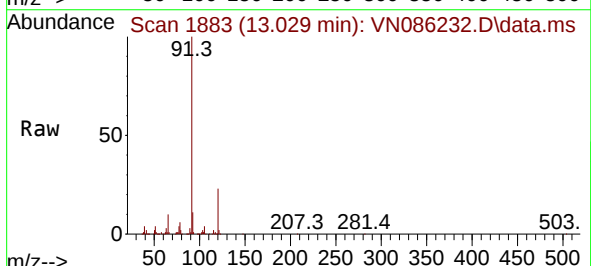
Acq: 07 Apr 2025 12:02

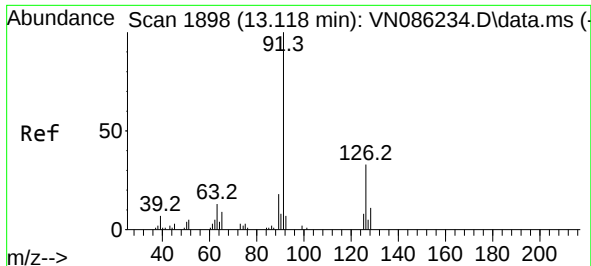
Tgt Ion: 91 Resp: 486773

Ion Ratio Lower Upper

91 100

120 23.2 11.2 33.5

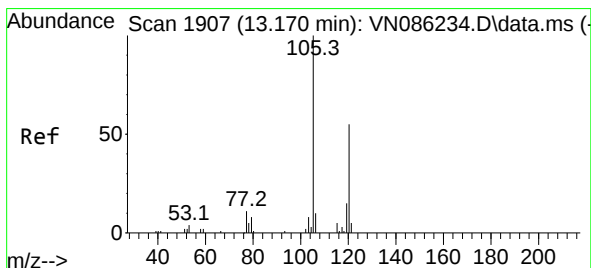
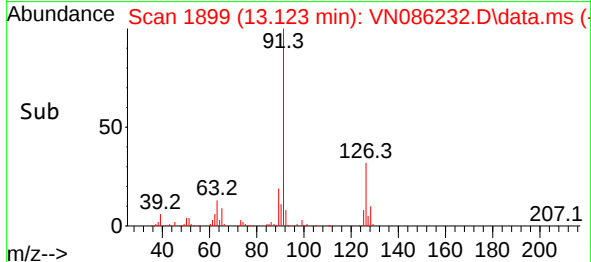
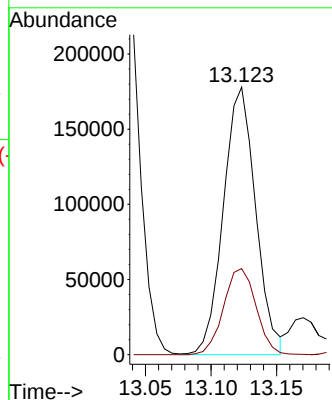
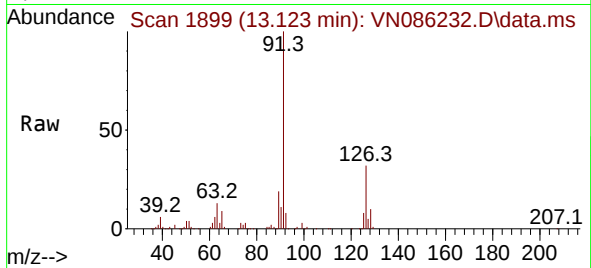




#79
2-Chlorotoluene
Concen: 65.106 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

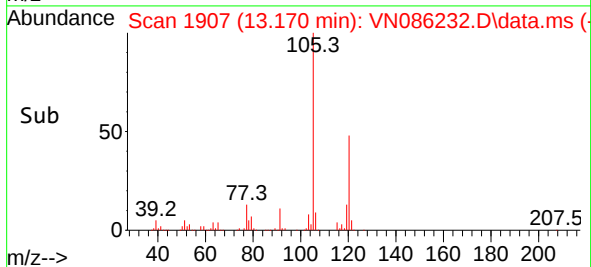
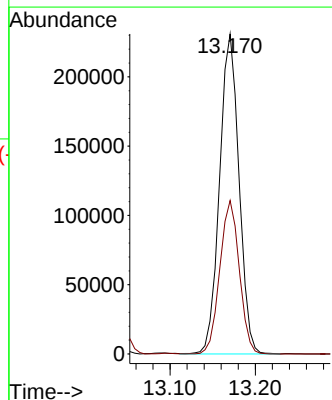
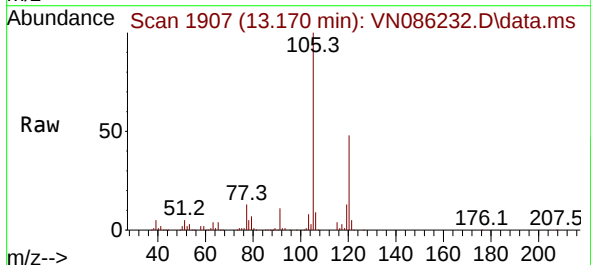
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

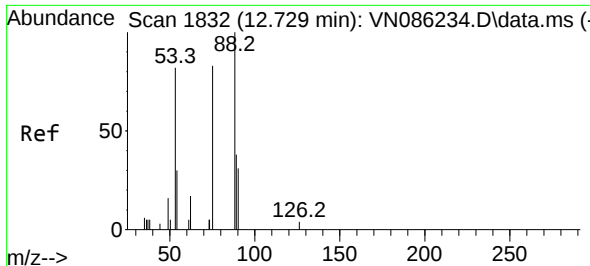
Tgt Ion: 91 Resp: 305222
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 74.127 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 105 Resp: 365652
Ion Ratio Lower Upper
105 100
120 48.0 24.6 74.0

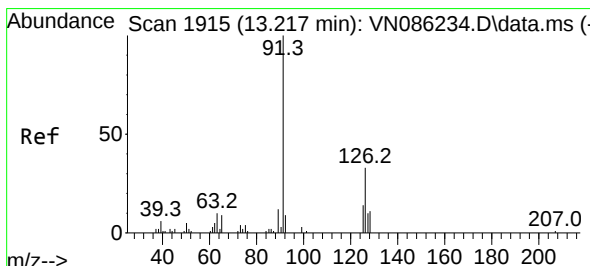
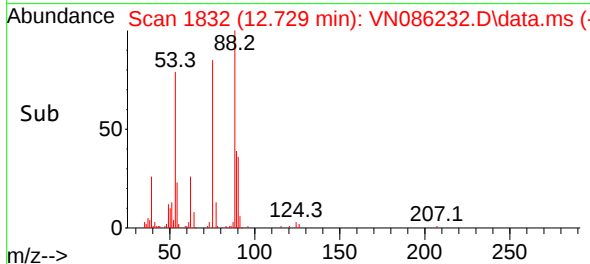
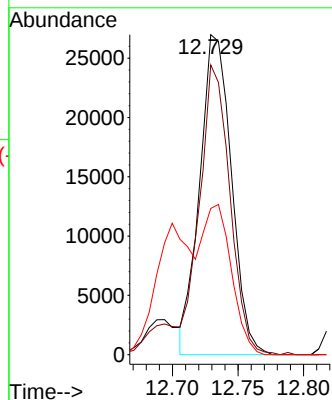
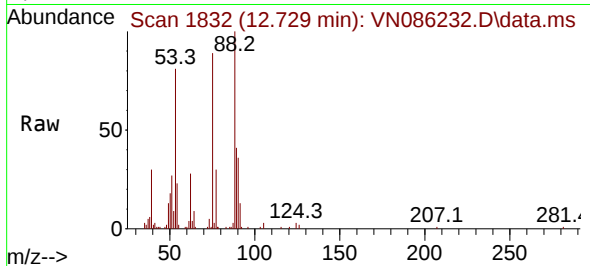




#81
trans-1,4-Dichloro-2-butene
Concen: 75.436 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

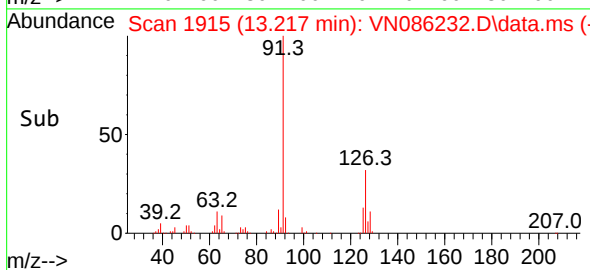
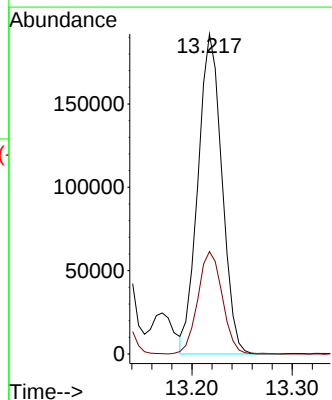
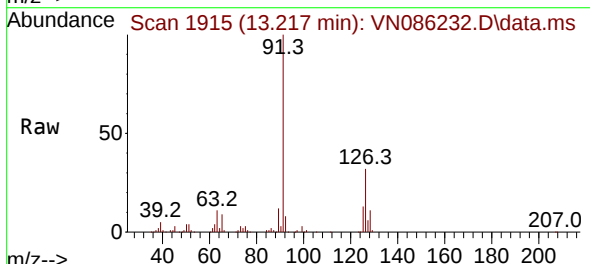
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

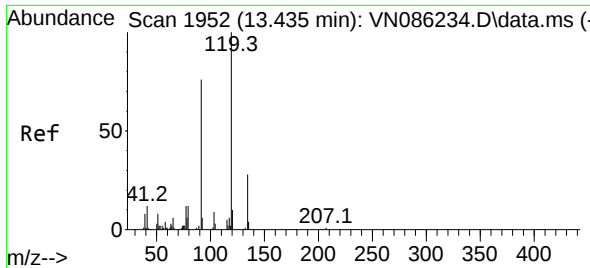
Tgt Ion: 75 Resp: 45415
Ion Ratio Lower Upper
75 100
53 96.5 71.9 107.9
89 42.7 36.4 54.6



#82
4-Chlorotoluene
Concen: 70.046 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion: 91 Resp: 318905
Ion Ratio Lower Upper
91 100
126 32.6 15.8 47.4

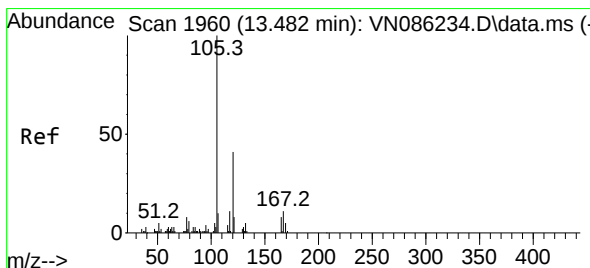
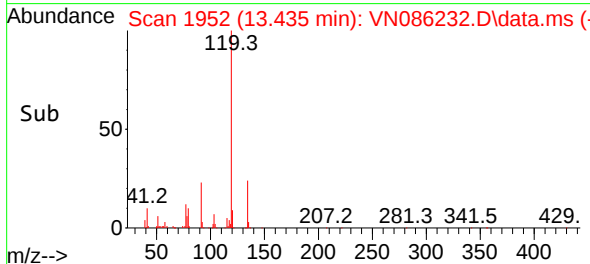
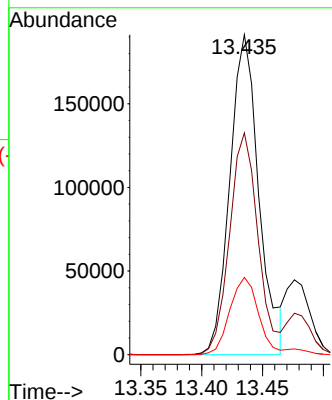
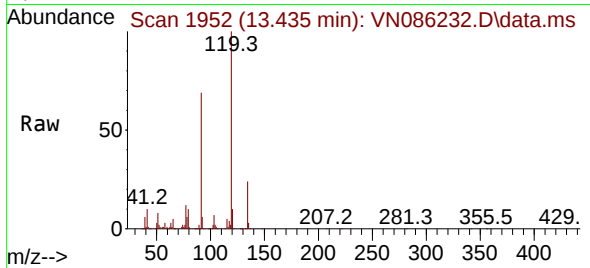




#83
 tert-Butylbenzene
 Concen: 75.223 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086232.D
 Acq: 07 Apr 2025 12:02

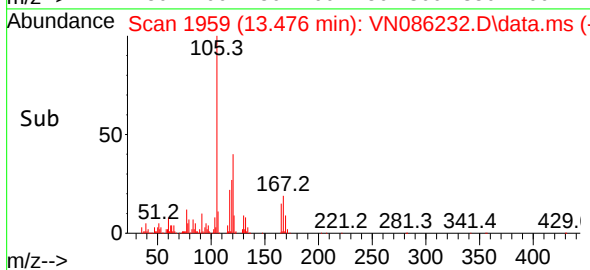
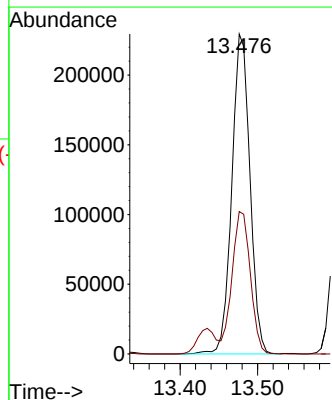
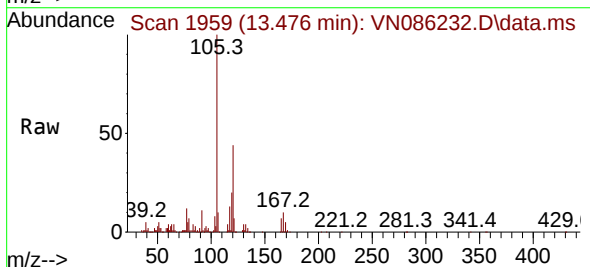
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

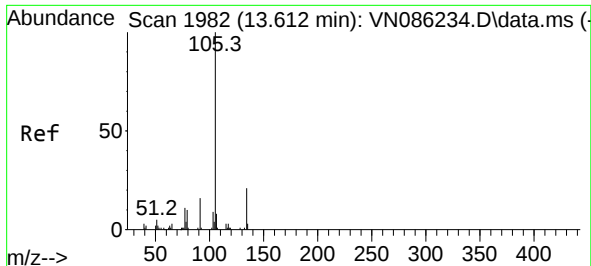
Tgt Ion:119 Resp: 317178
 Ion Ratio Lower Upper
 119 100
 91 68.2 35.9 107.5
 134 25.0 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 76.417 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.006 min
 Lab File: VN086232.D
 Acq: 07 Apr 2025 12:02

Tgt Ion:105 Resp: 373114
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.7 68.1

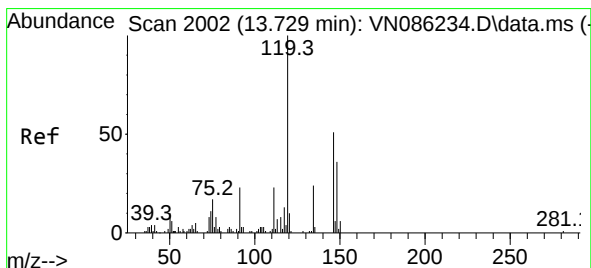
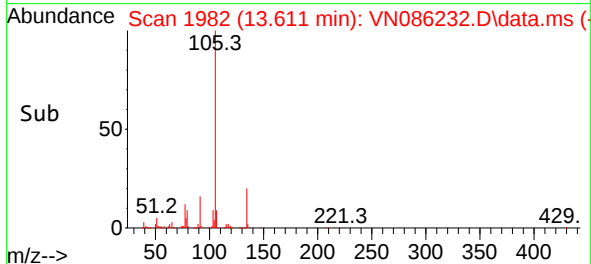
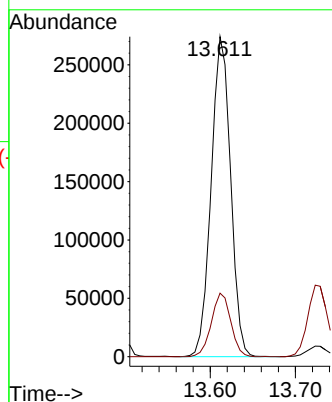
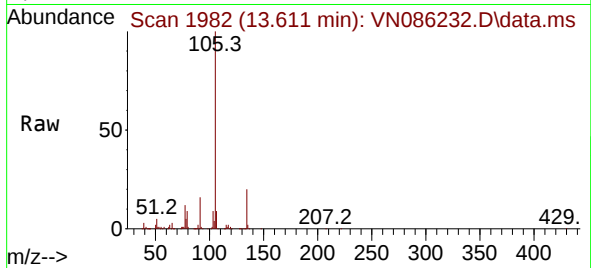




#85
 sec-Butylbenzene
 Concen: 78.033 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086232.D
 Acq: 07 Apr 2025 12:02

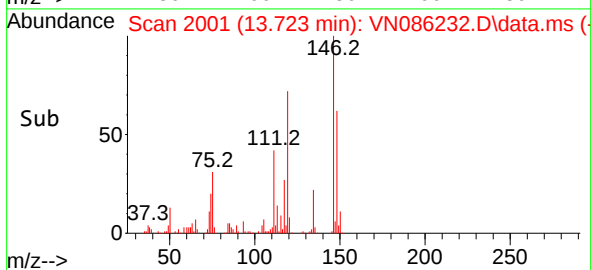
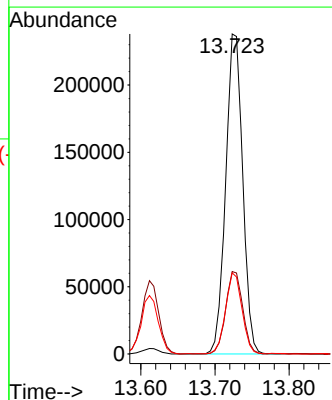
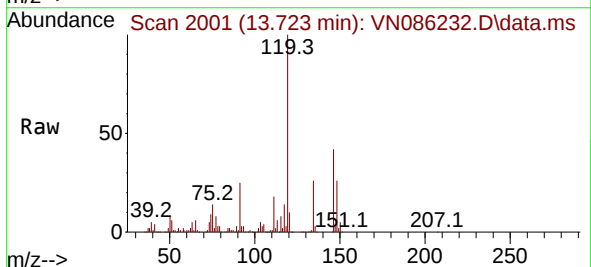
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

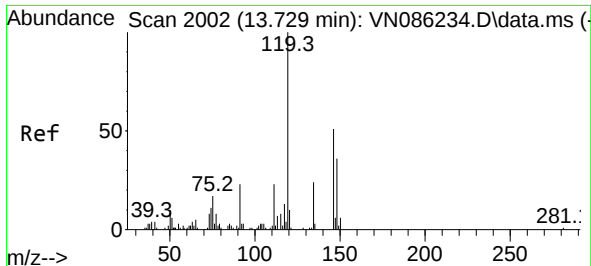
Tgt Ion:105 Resp: 434259
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 82.166 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN086232.D
 Acq: 07 Apr 2025 12:02

Tgt Ion:119 Resp: 379314
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 24.6 12.8 38.4

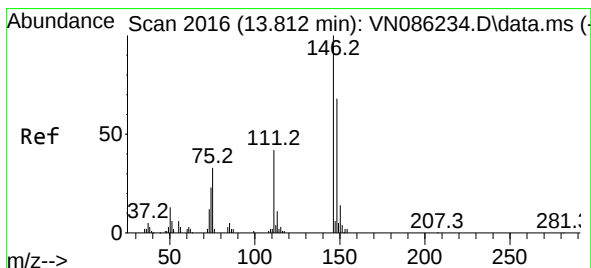
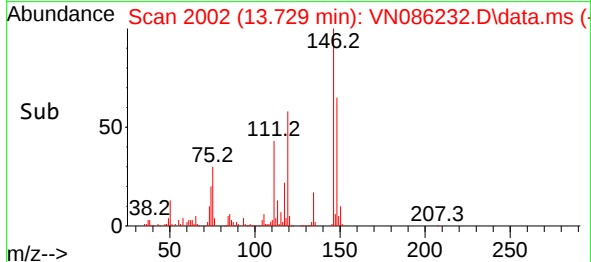
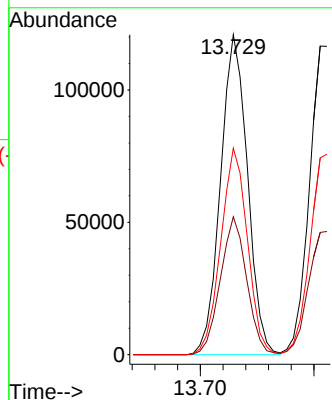
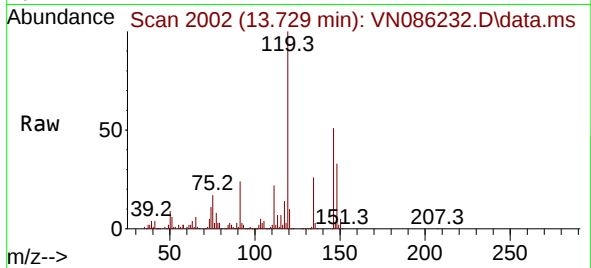




#87
 1,3-Dichlorobenzene
 Concen: 64.915 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086232.D
 Acq: 07 Apr 2025 12:02

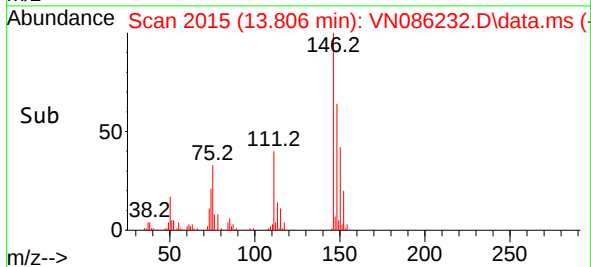
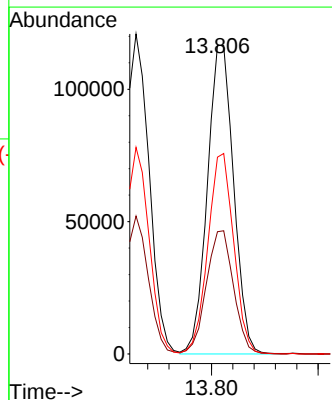
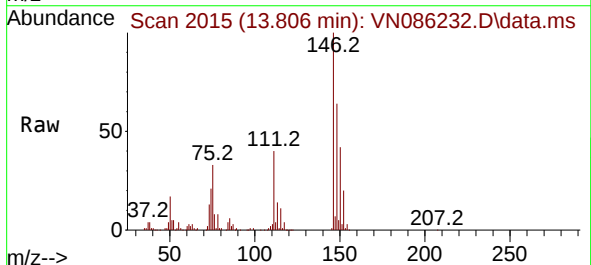
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

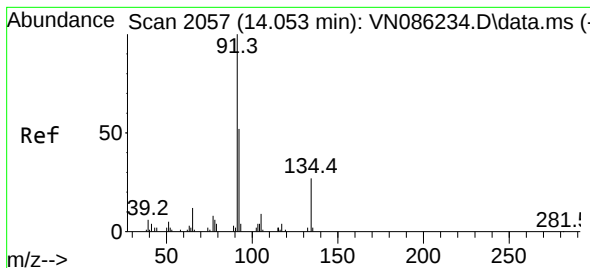
Tgt Ion:146 Resp: 199082
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.3 64.0
 148 63.8 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 63.709 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: VN086232.D
 Acq: 07 Apr 2025 12:02

Tgt Ion:146 Resp: 199850
 Ion Ratio Lower Upper
 146 100
 111 40.9 22.3 66.8
 148 63.9 33.4 100.2





#89

n-Butylbenzene

Concen: 83.535 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

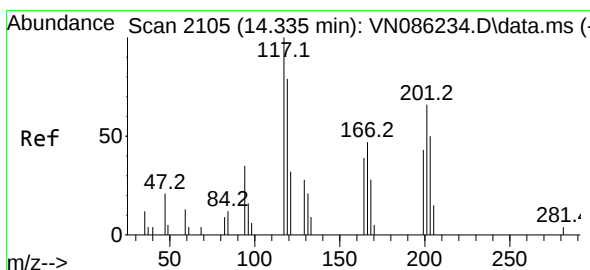
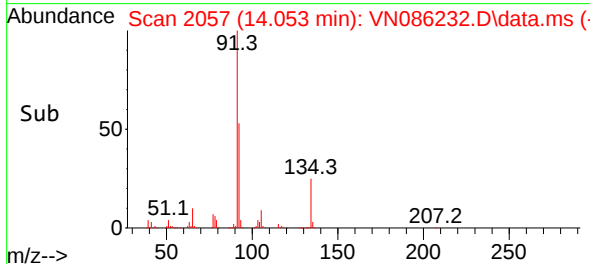
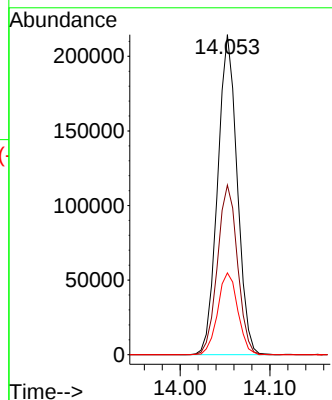
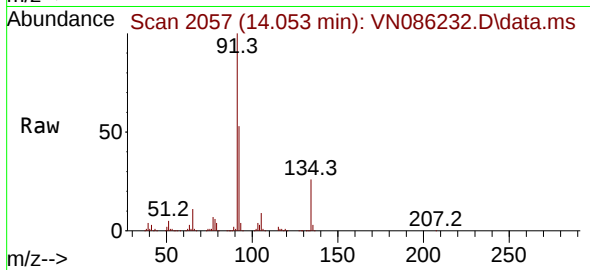
Tgt Ion: 91 Resp: 324061

Ion Ratio Lower Upper

91 100

92 54.2 25.1 75.4

134 26.3 13.4 40.1



#90

Hexachloroethane

Concen: 67.087 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN086232.D

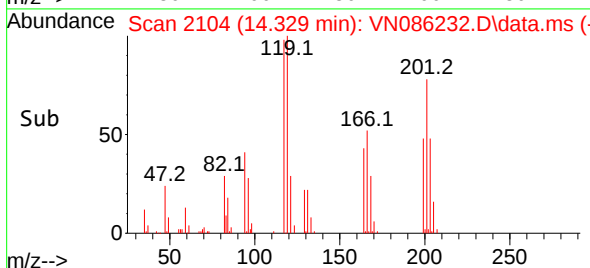
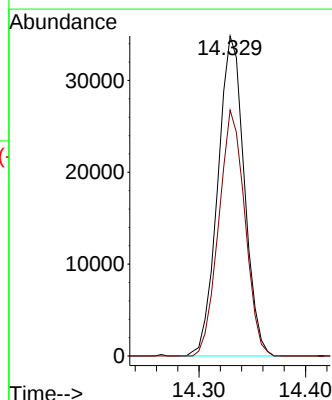
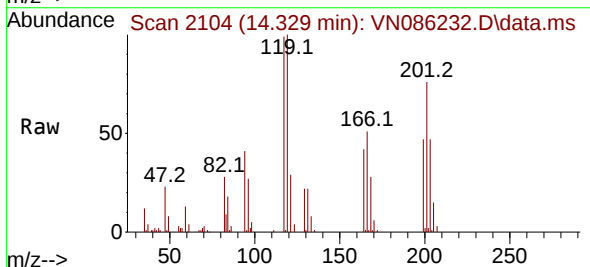
Acq: 07 Apr 2025 12:02

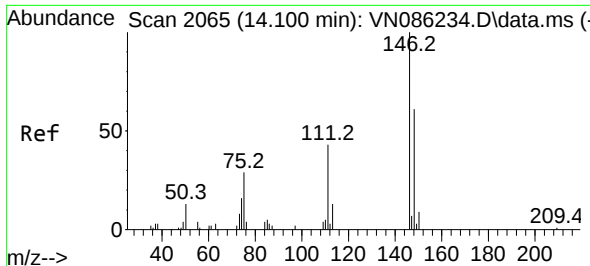
Tgt Ion: 117 Resp: 60051

Ion Ratio Lower Upper

117 100

201 75.9 37.9 113.6





#91

1,2-Dichlorobenzene

Concen: 63.715 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

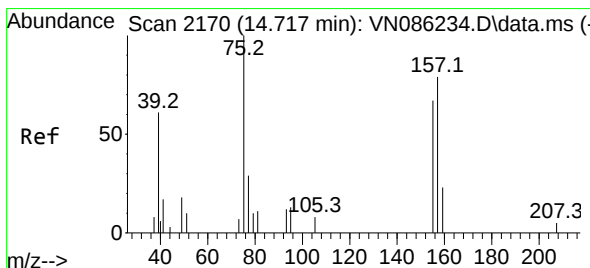
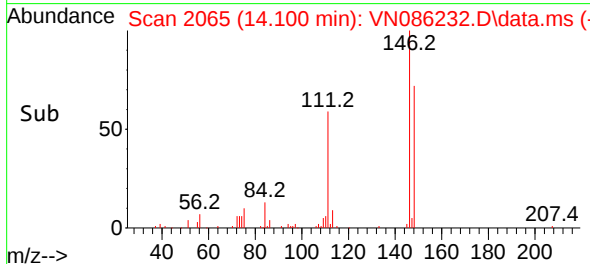
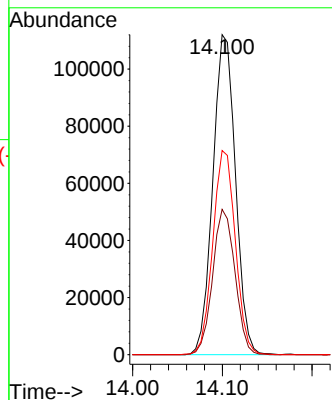
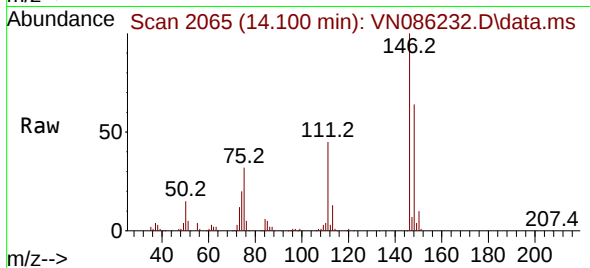
Tgt Ion:146 Resp: 196170

Ion Ratio Lower Upper

146 100

111 44.9 22.1 66.1

148 63.6 31.3 93.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 62.601 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

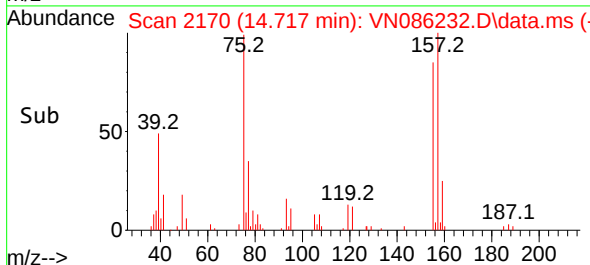
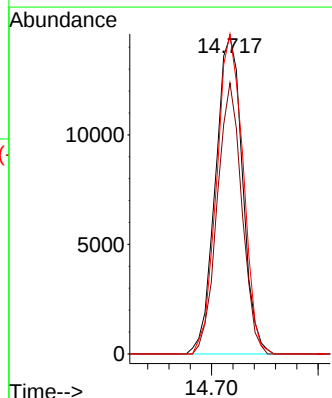
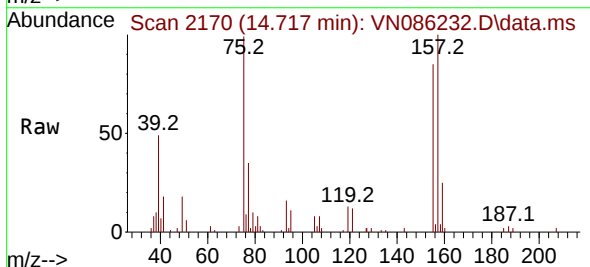
Tgt Ion: 75 Resp: 25425

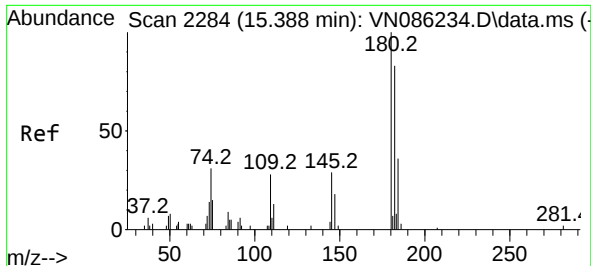
Ion Ratio Lower Upper

75 100

155 78.1 39.0 117.0

157 98.4 44.1 132.4

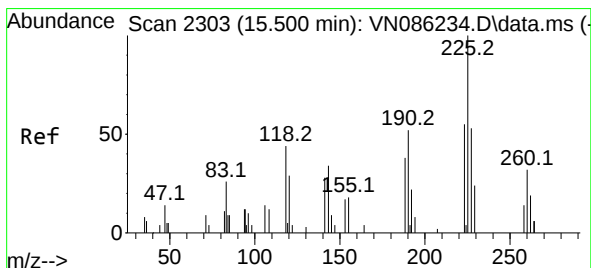
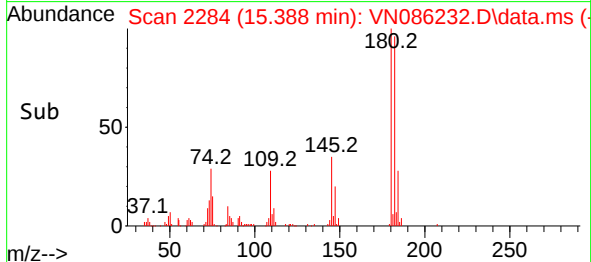
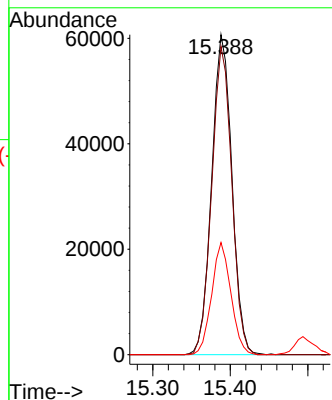
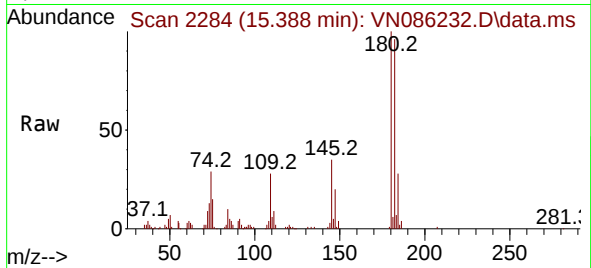




#93
1,2,4-Trichlorobenzene
Concen: 70.317 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

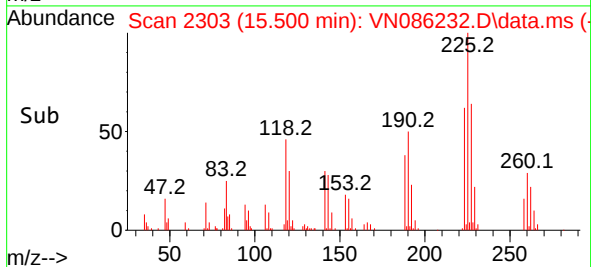
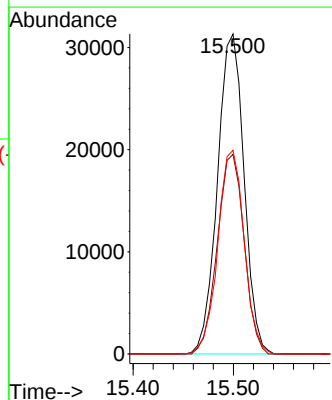
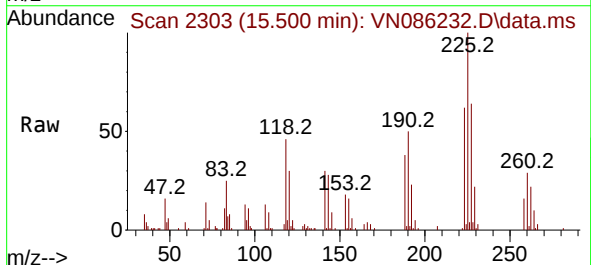
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

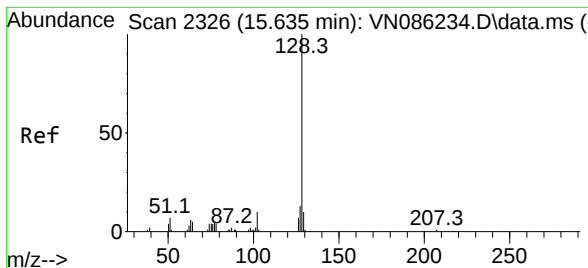
Tgt Ion:180 Resp: 110073
Ion Ratio Lower Upper
180 100
182 95.3 43.7 131.1
145 33.3 15.3 45.8



#94
Hexachlorobutadiene
Concen: 67.241 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086232.D
Acq: 07 Apr 2025 12:02

Tgt Ion:225 Resp: 57651
Ion Ratio Lower Upper
225 100
223 62.9 29.8 89.5
227 63.2 30.3 91.0





#95

Naphthalene

Concen: 73.536 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

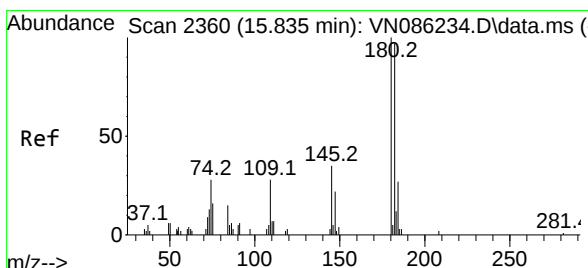
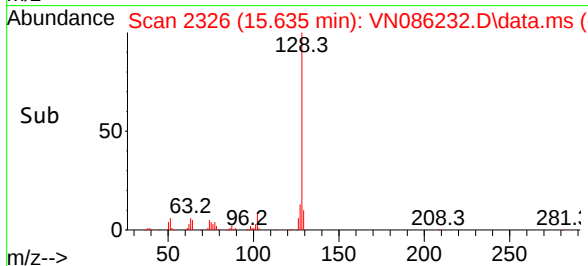
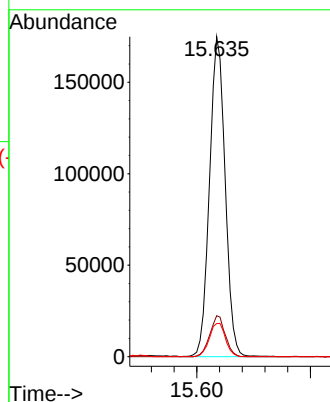
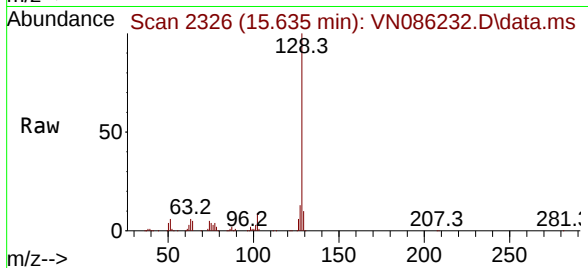
Tgt Ion:128 Resp: 333067

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 68.081 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086232.D

Acq: 07 Apr 2025 12:02

Tgt Ion:180 Resp: 102520

Ion Ratio Lower Upper

180 100

182 95.9 45.9 137.7

145 34.2 16.4 49.1

