

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
 Data File : VN087397.D
 Acq On : 22 Jul 2025 18:11
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Jul 23 05:58:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	26965	30.000	ug/l	-0.02
28) 1,4-Difluorobenzene	9.083	114	121954	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.847	117	118687	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	65659	32.318	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 110	Recovery	= 107.733%	
60) 4-Bromofluorobenzene	12.829	95	57236	31.251	ug/l	-0.02
Spiked Amount	30.000	Range	63 - 112	Recovery	= 104.167%	
63) Toluene-d8	10.547	98	164251	30.822	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.733%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	20009	12.327	ug/l	99
3) Chloromethane	2.383	50	22678	13.679	ug/l	93
4) Vinyl Chloride	2.542	62	25395	14.094	ug/l	92
5) Bromomethane	2.989	94	11917	12.462	ug/l	95
6) Chloroethane	3.136	64	21935	22.694	ug/l	92
7) Trichlorofluoromethane	3.512	101	50287	22.753	ug/l	98
8) Diethyl Ether	3.959	74	20313	18.707	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	26580	16.221	ug/l	88
10) 1,1-Dichloroethene	4.330	96	25370	15.532	ug/l	87
11) Methyl Iodide	4.589	142	13999	9.566	ug/l	96
12) Methyl Acetate	5.018	43	44196	17.249	ug/l	92
13) Acrolein	4.177	56	35346	89.779	ug/l	98
14) Acrylonitrile	5.718	53	88332	73.912	ug/l	97
15) Acetone	4.424	58	30835	88.451	ug/l #	61
16) Carbon Disulfide	4.706	76	57547	12.050	ug/l #	93
17) Allyl chloride	5.006	41	36049	13.380	ug/l	89
18) Methylene Chloride	5.265	84	29357	15.514	ug/l	95
19) trans-1,2-Dichloroethene	5.777	96	25983	14.546	ug/l	97
20) Diisopropyl ether	6.659	45	91185	15.953	ug/l #	96
21) 1,1-Dichloroethane	6.559	63	50613	14.815	ug/l #	95
22) cis-1,2-Dichloroethene	7.477	96	31564	15.182	ug/l	99
23) tert-Butyl Alcohol	5.518	59	33185	73.835	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	92069	16.071	ug/l #	85
25) Chloroform	7.953	83	58690	17.932	ug/l	99
26) Cyclohexane	8.247	56	30527	10.750	ug/l #	78
29) 1,1-Dichloropropene	8.353	75	33844	17.805	ug/l	96
30) 2-Butanone	7.471	43	131149	102.283	ug/l	97
31) 2,2-Dichloropropane	7.477	77	47667	20.774	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	48394	21.793	ug/l #	85
33) Carbon Tetrachloride	8.347	117	41262	22.079	ug/l	94
34) Benzene	8.588	78	111159	18.459	ug/l	97
35) Methacrylonitrile	7.759	41	24679	19.098	ug/l	94
36) 1,2-Dichloroethane	8.653	62	47009	24.161	ug/l #	86
37) Trichloroethene	9.335	130	25611	18.439	ug/l	82
38) Methylcyclohexane	9.582	83	30602	14.031	ug/l	96
39) 1,2-Dichloropropane	9.606	63	29381	19.439	ug/l	98
40) Dibromomethane	9.688	93	22286	21.684	ug/l	97
41) Bromodichloromethane	9.871	83	46619	22.473	ug/l #	96
42) Vinyl Acetate	6.594	43	369630	88.631	ug/l	98

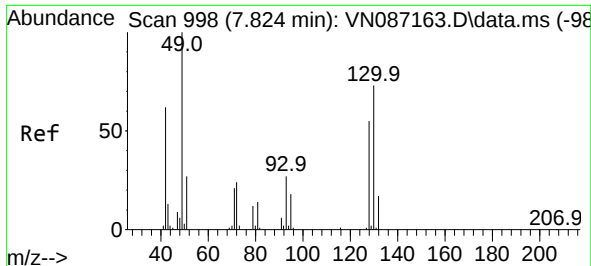
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
 Data File : VN087397.D
 Acq On : 22 Jul 2025 18:11
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Jul 23 05:58:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	44696	19.310	ug/l #	86
44) Isopropyl Acetate	8.677	43	78587	20.838	ug/l	95
45) 1,4-Dioxane	9.677	88	11499	450.747	ug/l #	84
46) Methyl methacrylate	9.665	41	35234	20.097	ug/l	87
47) n-amyl Acetate	12.512	43	6291	2.728	ug/l #	100
48) t-1,3-Dichloropropene	10.818	75	44969	19.445	ug/l	98
49) cis-1,3-Dichloropropene	10.294	75	48086	19.559	ug/l	93
50) 1,1,2-Trichloroethane	10.994	97	30158	20.657	ug/l	95
51) Ethyl methacrylate	10.853	69	42512	19.132	ug/l	94
52) 1,3-Dichloropropane	11.141	76	49726	19.840	ug/l	96
53) Dibromochloromethane	11.341	129	36030	23.511	ug/l	99
54) 1,2-Dibromoethane	11.447	107	31457	20.885	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	130496	102.456	ug/l	100
56) Bromoform	12.559	173	23633	22.433	ug/l #	97
58) 4-Methyl-2-Pentanone	10.430	43	270597	113.408	ug/l	93
59) 2-Hexanone	11.182	43	173968	112.912	ug/l	88
61) Tetrachloroethene	11.082	164	21561	18.344	ug/l	87
62) Toluene	10.612	91	123384	18.407	ug/l	99
64) Chlorobenzene	11.871	112	78033	18.250	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	30955	21.910	ug/l	93
66) Ethyl Benzene	11.941	91	124808	17.011	ug/l	97
67) m/p-Xylenes	12.053	106	97885	34.815	ug/l	98
68) o-Xylene	12.376	106	45761	17.060	ug/l	94
69) Styrene	12.394	104	82455	17.905	ug/l	98
70) Isopropylbenzene	12.676	105	118676	17.765	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.918	83	47792	19.875	ug/l	95
72) 1,2,3-Trichloropropane	12.976	75	59287	28.591	ug/l	55
73) Bromobenzene	12.959	156	32325	19.947	ug/l	93
74) n-propylbenzene	13.012	91	154101	18.882	ug/l	100
75) 2-Chlorotoluene	13.106	91	91861	18.630	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	103162	18.969	ug/l	100
77) t-1,4-Dichloro-2-butene	12.723	75	12891	14.015	ug/l	97
78) 4-Chlorotoluene	13.200	91	99532	19.709	ug/l	98
79) tert-butylbenzene	13.418	119	86556	18.934	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	105651	19.346	ug/l	99
81) sec-Butylbenzene	13.594	105	126386	19.018	ug/l	100
82) p-Isopropyltoluene	13.706	119	104516	18.899	ug/l	95
83) 1,3-Dichlorobenzene	13.712	146	63431	20.327	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	61300	19.518	ug/l	97
85) n-Butylbenzene	14.035	91	97670	19.357	ug/l	96
86) Hexachloroethane	14.312	117	22588	21.577	ug/l	90
87) 1,2-Dichlorobenzene	14.088	146	61289	20.830	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	11177	20.643	ug/l	93
89) 1,2,4-Trichlorobenzene	15.812	180	35027	21.041	ug/l	100
90) Hexachlorobutadiene	15.476	225	15022	30.409	ug/l	97
91) Naphthalene	15.617	128	112171	17.121	ug/l	100
92) 1,2,3-Trichlorobenzene	15.812	180	35027	21.041	ug/l	100

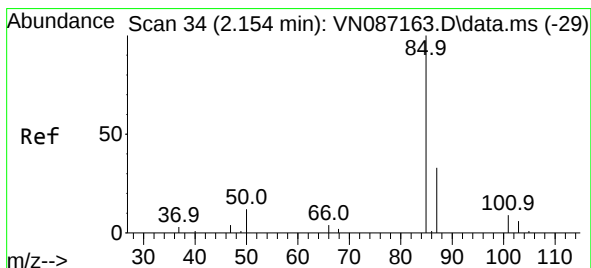
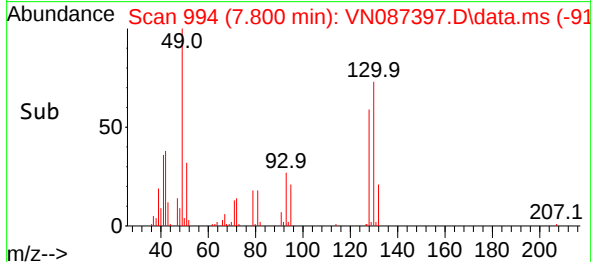
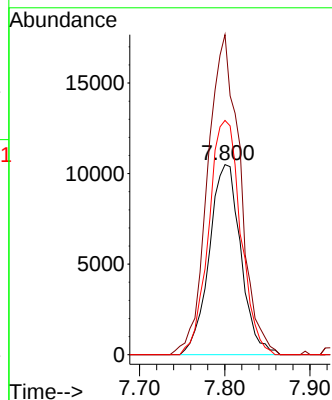
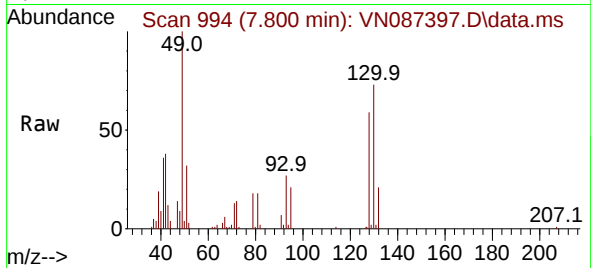
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 91
Delta R.T. -0.024 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

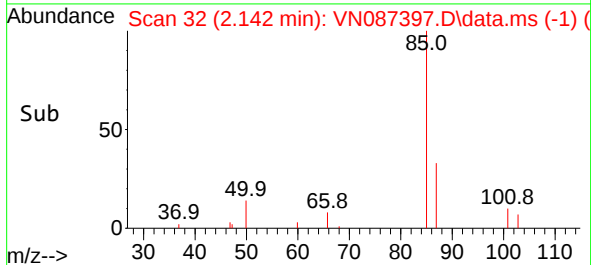
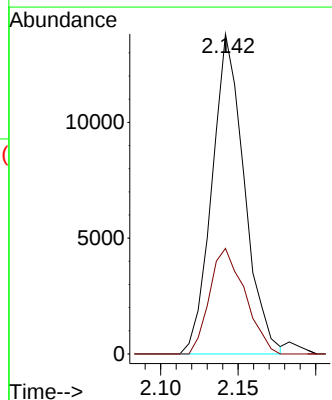
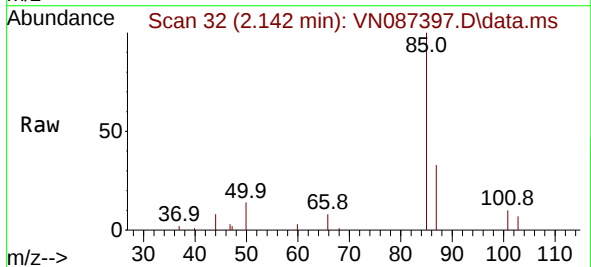
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

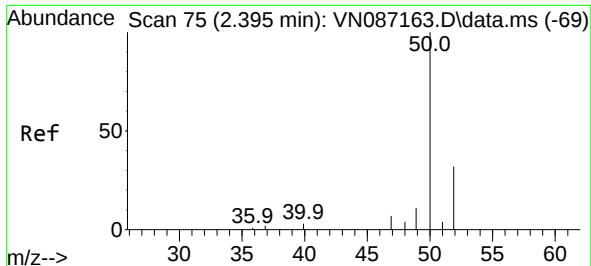
Tgt Ion:128 Resp: 26965
Ion Ratio Lower Upper
128 100
49 173.1 0.0 450.5
130 125.4 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 12.327 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.012 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 85 Resp: 20009
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.0

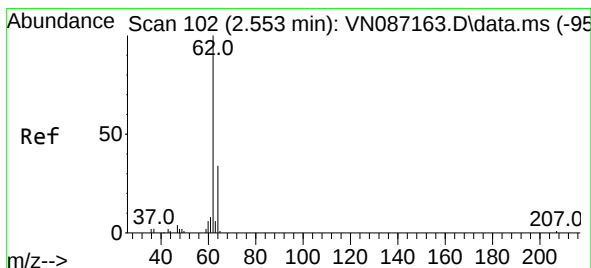
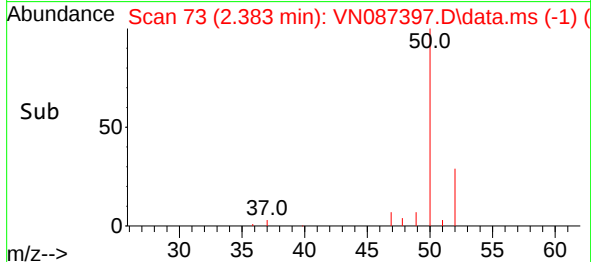
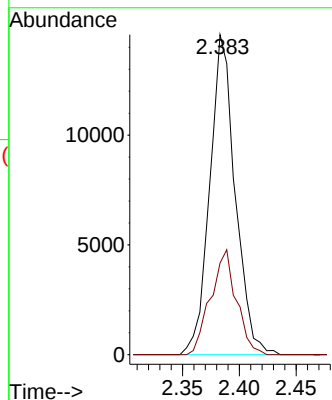
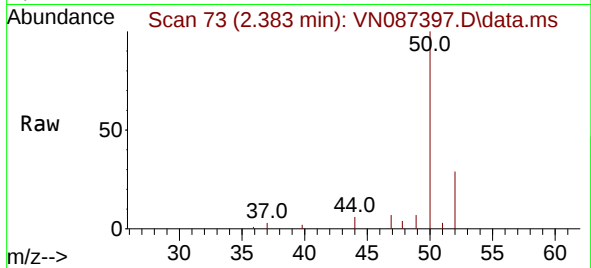




#3
Chloromethane
Concen: 13.679 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.012 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

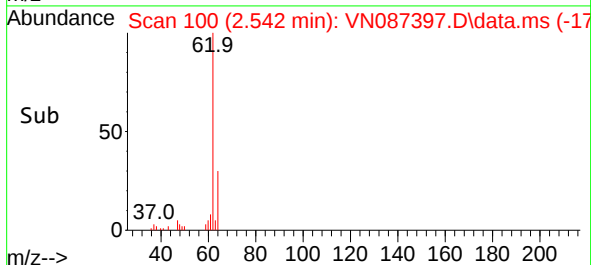
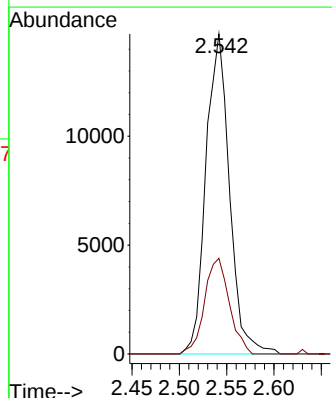
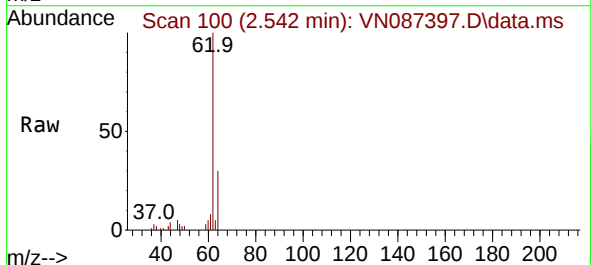
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

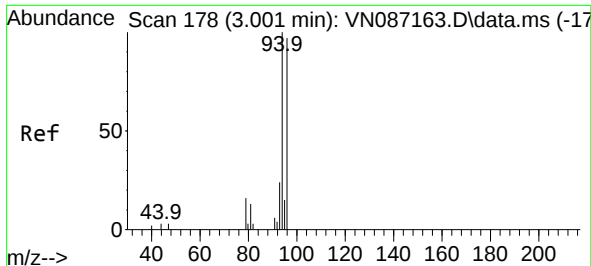
Tgt Ion: 50 Resp: 22678
Ion Ratio Lower Upper
50 100
52 28.6 25.9 38.9



#4
Vinyl Chloride
Concen: 14.094 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.012 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 62 Resp: 25395
Ion Ratio Lower Upper
62 100
64 29.9 27.4 41.2

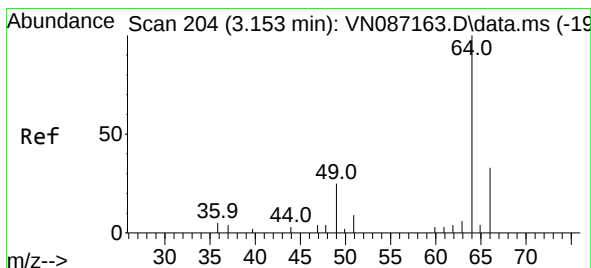
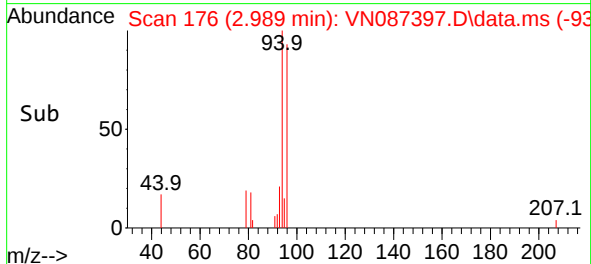
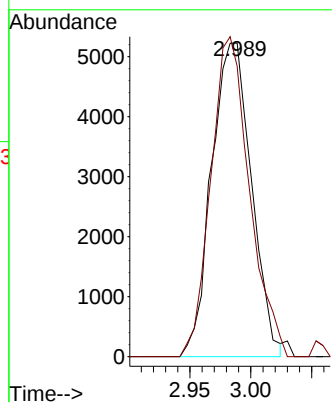
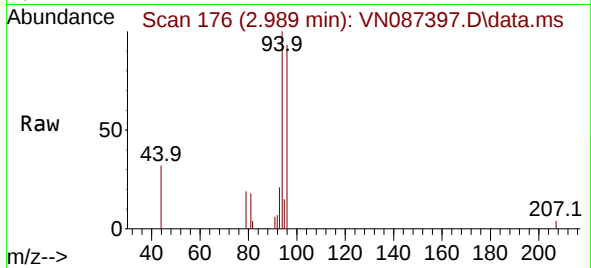




#5
Bromomethane
Concen: 12.462 ug/l
RT: 2.989 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

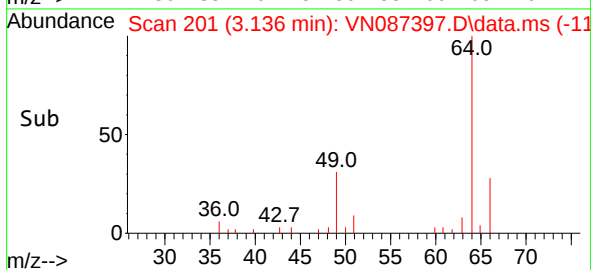
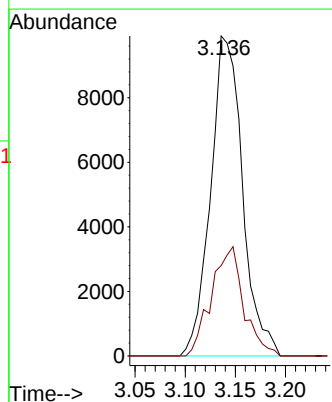
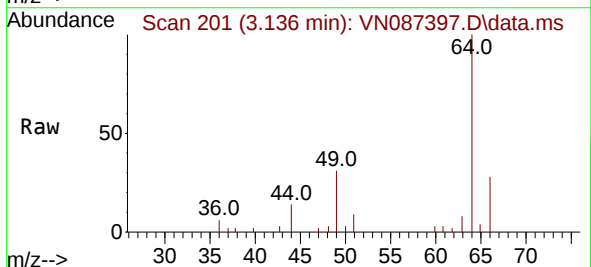
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

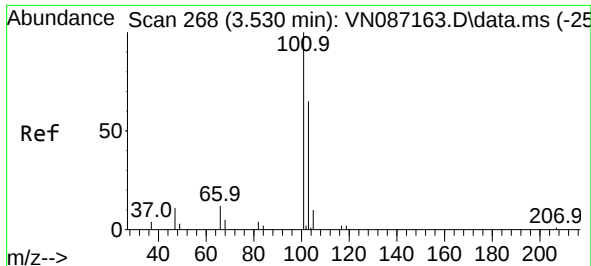
Tgt Ion: 94 Resp: 11917
Ion Ratio Lower Upper
94 100
96 92.6 77.9 116.9



#6
Chloroethane
Concen: 22.694 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 64 Resp: 21935
Ion Ratio Lower Upper
64 100
66 28.3 26.4 39.6

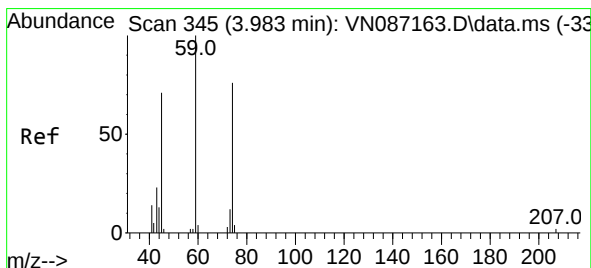
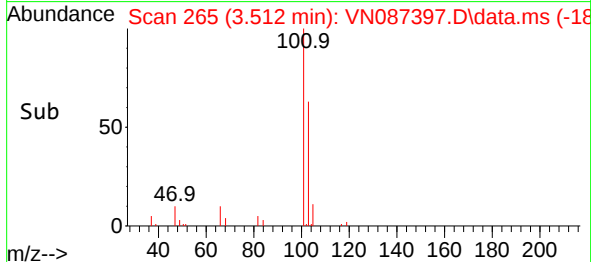
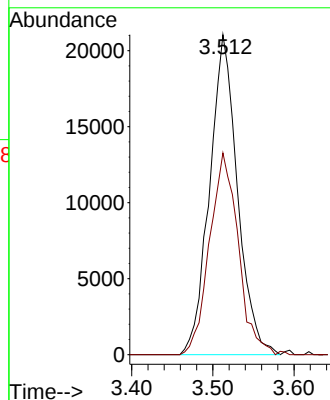
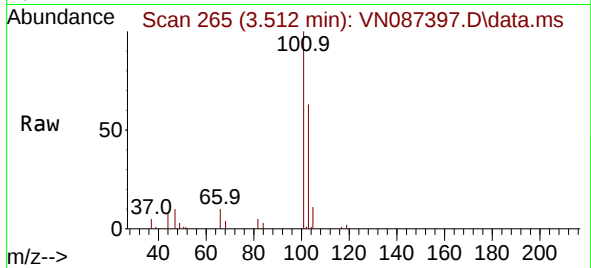




#7
 Trichlorofluoromethane
 Concen: 22.753 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: VN087397.D
 Acq: 22 Jul 2025 18:11

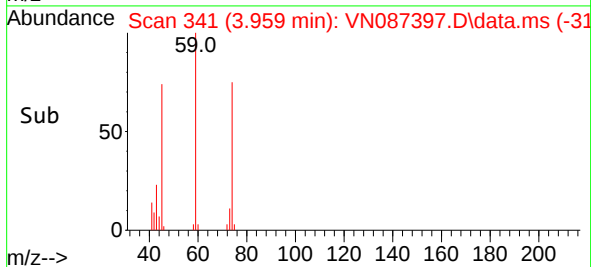
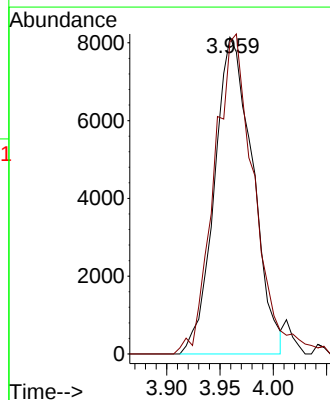
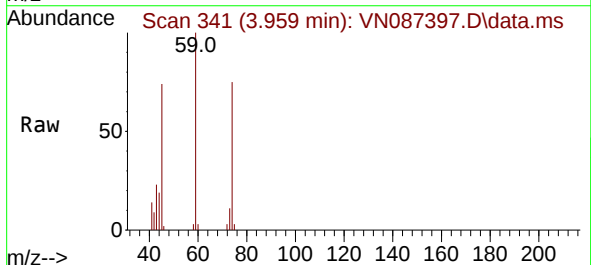
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

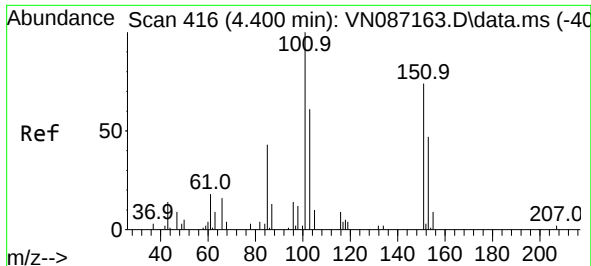
Tgt Ion:101 Resp: 50287
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.8 77.8



#8
 Diethyl Ether
 Concen: 18.707 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.023 min
 Lab File: VN087397.D
 Acq: 22 Jul 2025 18:11

Tgt Ion: 74 Resp: 20313
 Ion Ratio Lower Upper
 74 100
 45 101.1 19.0 171.0

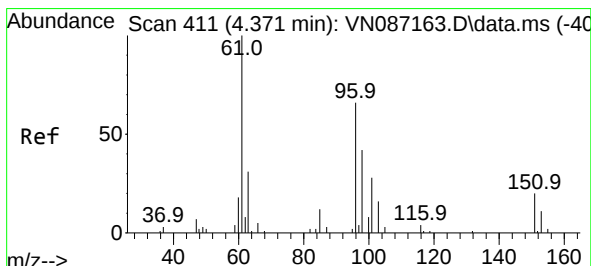
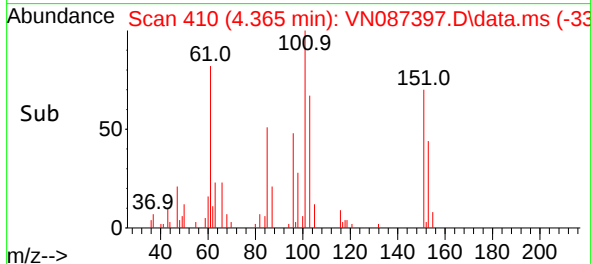
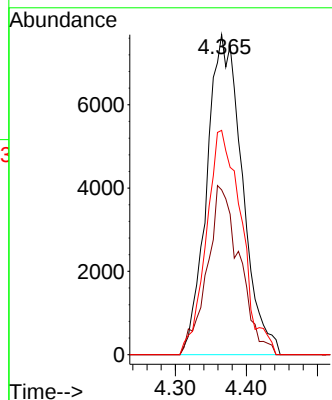
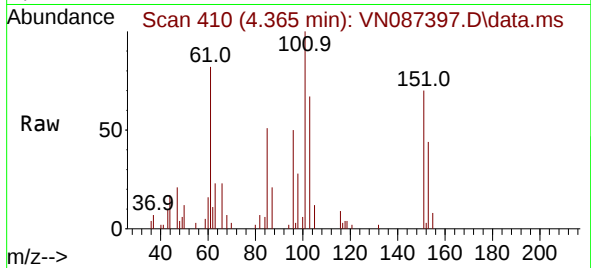




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.221 ug/l
RT: 4.365 min Scan# 41
Delta R.T. -0.035 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

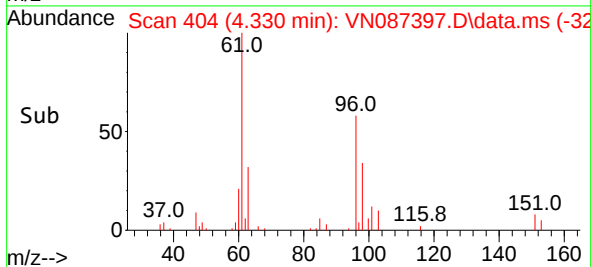
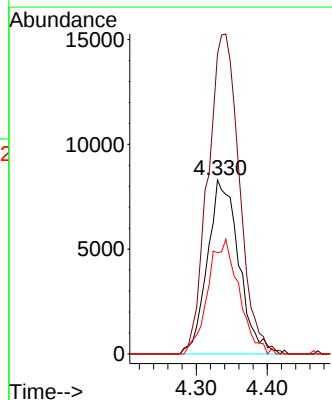
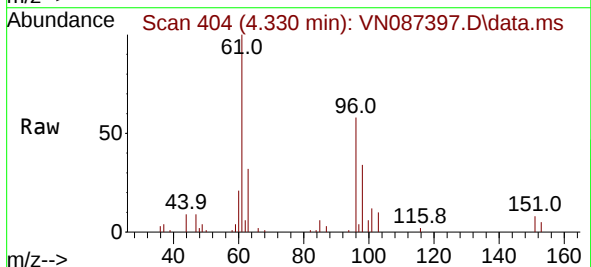
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

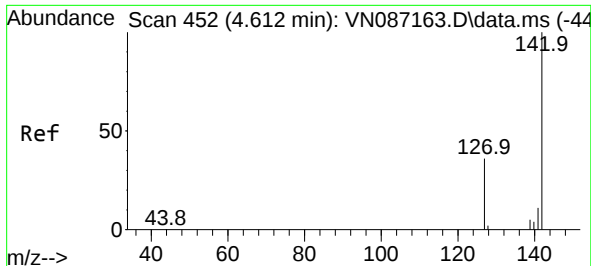
Tgt Ion:	101	Resp:	26580
Ion	Ratio	Lower	Upper
101	100		
85	36.9	0.0	40.6
151	66.8	0.0	141.2



#10
1,1-Dichloroethene
Concen: 15.532 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.041 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

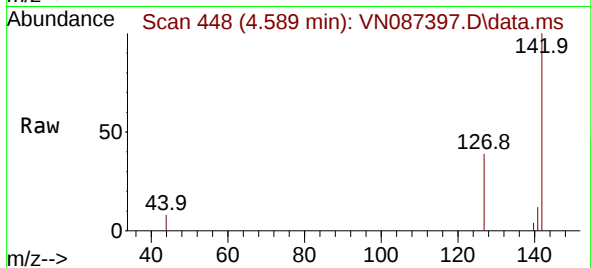
Tgt Ion:	96	Resp:	25370
Ion	Ratio	Lower	Upper
96	100		
61	172.3	122.0	183.0
98	58.2	50.3	75.5



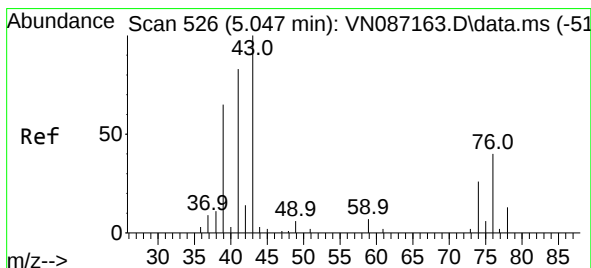
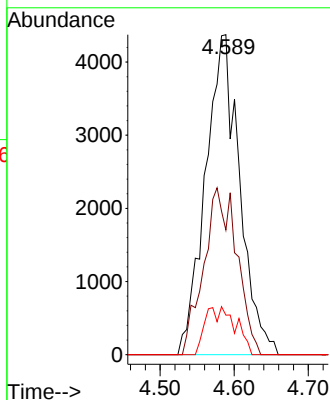
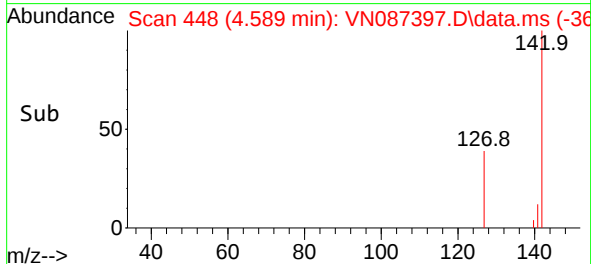


#11
Methyl Iodide
Concen: 9.566 ug/l
RT: 4.589 min Scan# 44
Delta R.T. -0.023 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

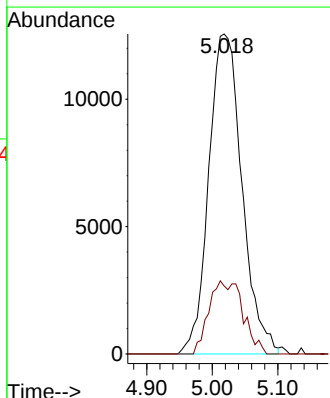
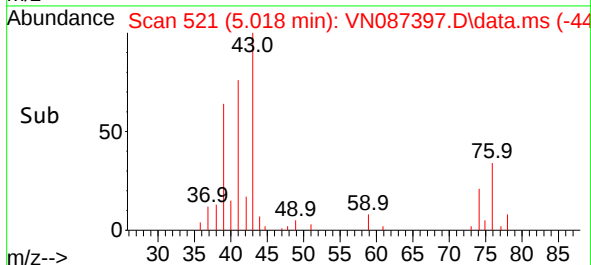
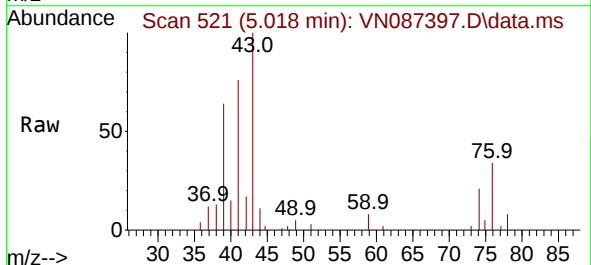


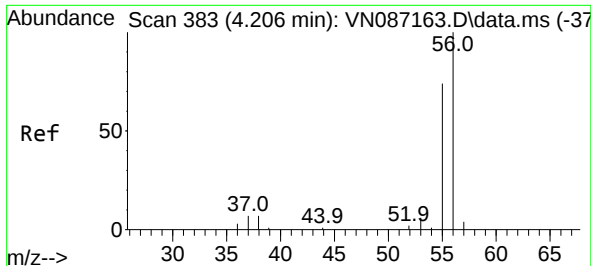
Tgt Ion:142 Resp: 13999
Ion Ratio Lower Upper
142 100
127 39.0 18.1 54.1
141 12.3 5.7 17.1



#12
Methyl Acetate
Concen: 17.249 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.029 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 43 Resp: 44196
Ion Ratio Lower Upper
43 100
74 21.5 20.3 30.5

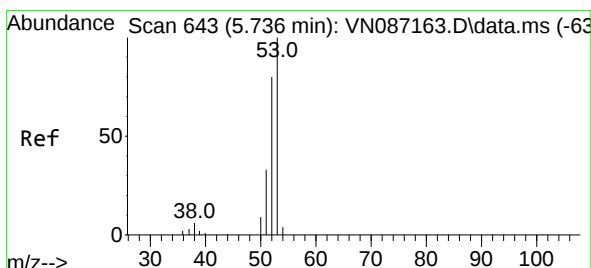
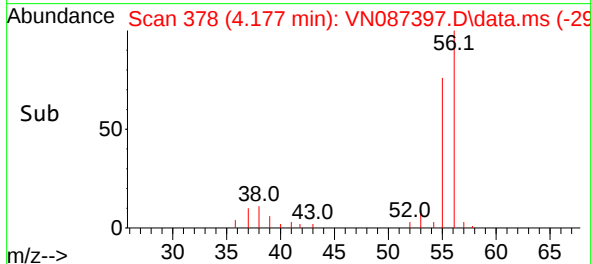
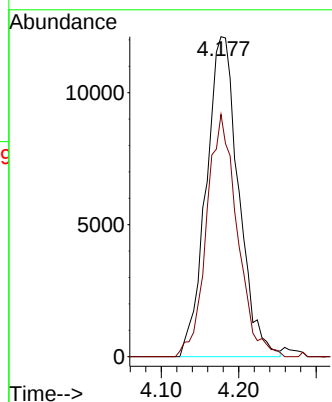
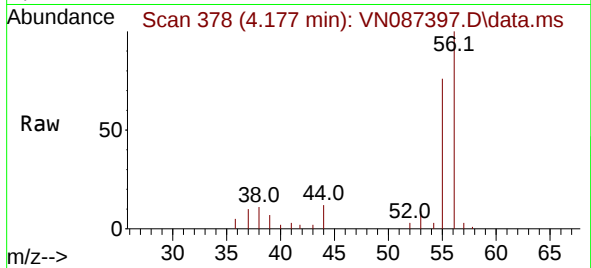




#13
Acrolein
Concen: 89.779 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.029 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

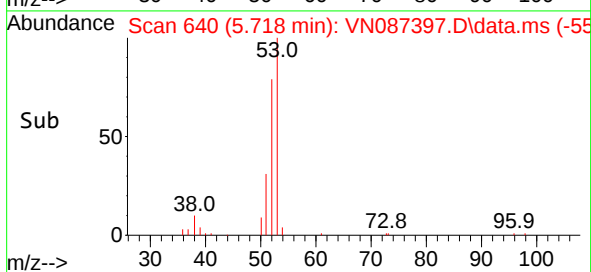
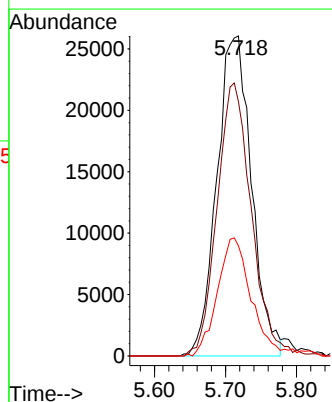
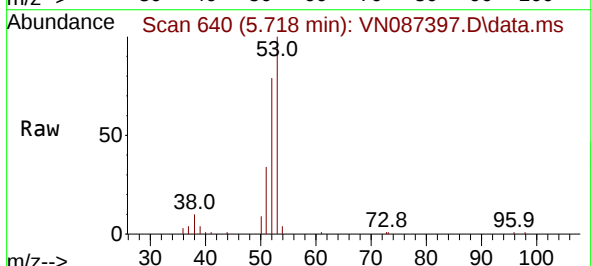
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

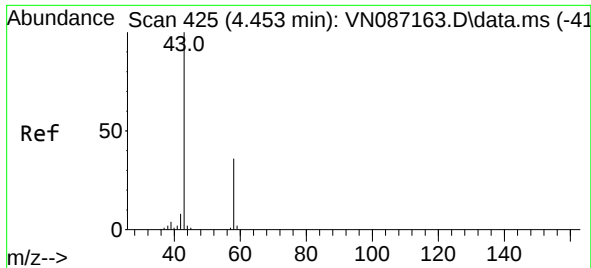
Tgt Ion: 56 Resp: 35346
Ion Ratio Lower Upper
56 100
55 71.5 55.7 83.5



#14
Acrylonitrile
Concen: 73.912 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 53 Resp: 88332
Ion Ratio Lower Upper
53 100
52 83.8 40.5 121.5
51 35.3 16.9 50.7





#15

Acetone

Concen: 88.451 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.029 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

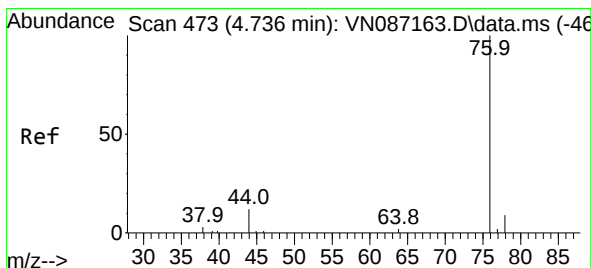
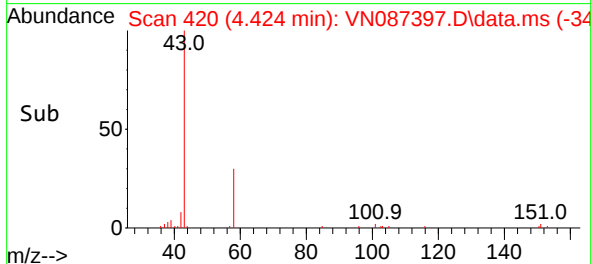
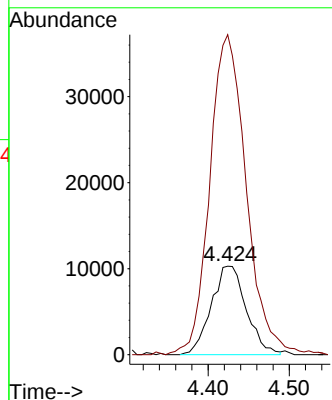
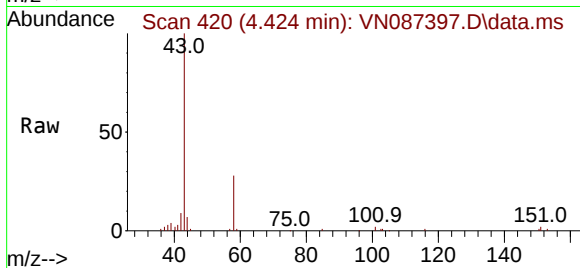
VSTDCCC020EC

Tgt Ion: 58 Resp: 30835

Ion Ratio Lower Upper

58 100

43 353.9 224.3 336.5#



#16

Carbon Disulfide

Concen: 12.050 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.029 min

Lab File: VN087397.D

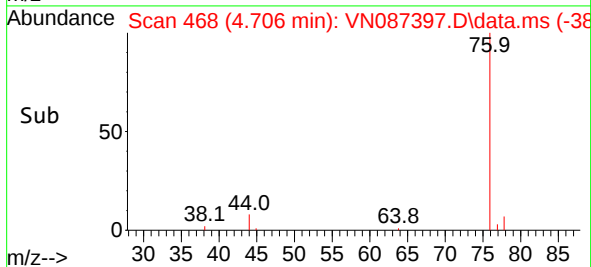
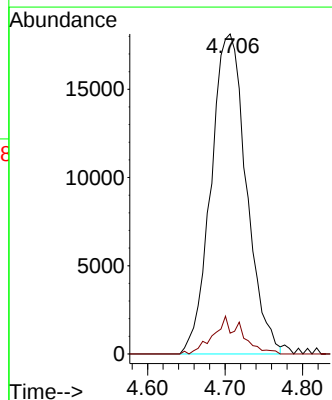
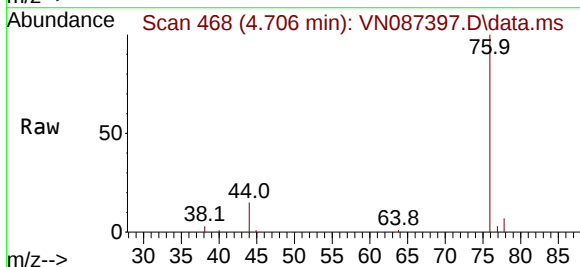
Acq: 22 Jul 2025 18:11

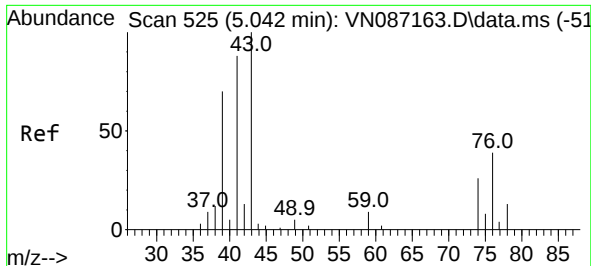
Tgt Ion: 76 Resp: 57547

Ion Ratio Lower Upper

76 100

78 6.5 7.2 10.8#





#17

Allyl chloride

Concen: 13.380 ug/l

RT: 5.006 min Scan# 51

Delta R.T. -0.035 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

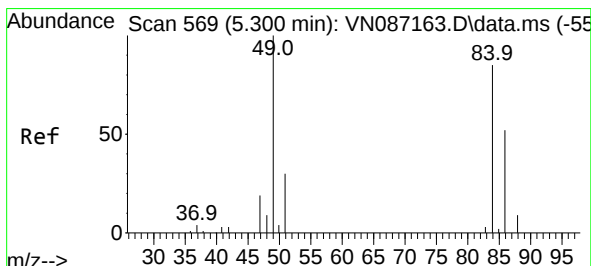
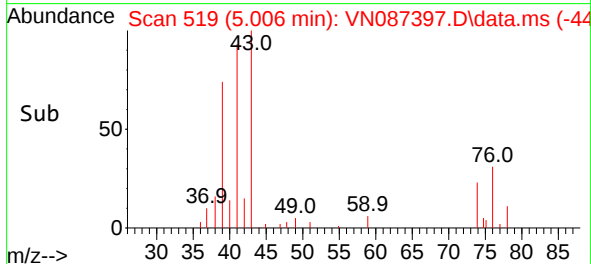
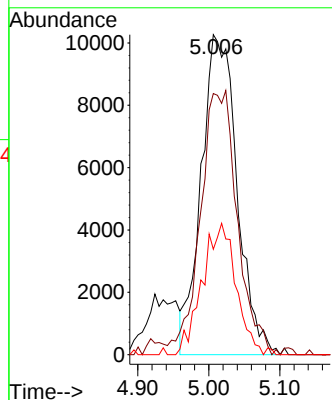
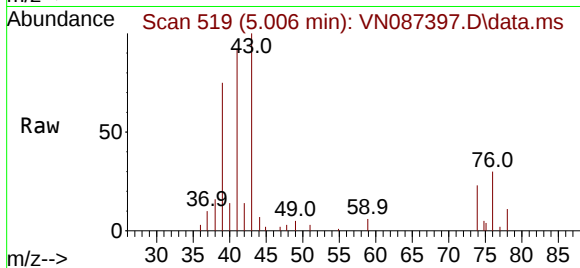
Tgt Ion: 41 Resp: 36049

Ion Ratio Lower Upper

41 100

39 81.6 36.0 108.0

76 32.9 19.5 58.5



#18

Methylene Chloride

Concen: 15.514 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.035 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

Tgt Ion: 84 Resp: 29357

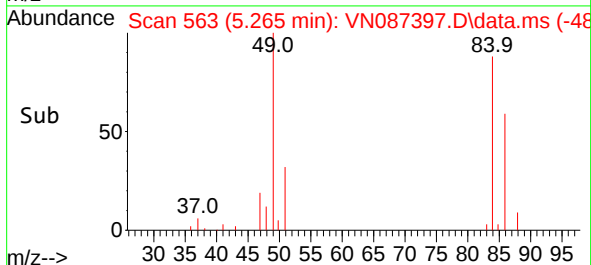
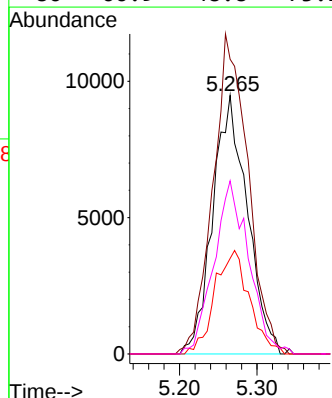
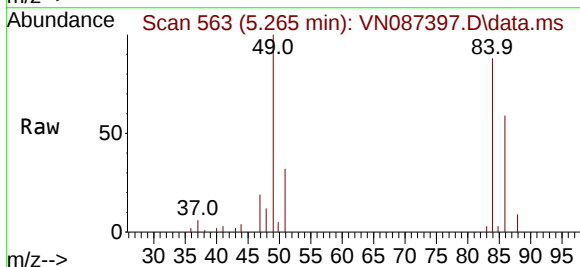
Ion Ratio Lower Upper

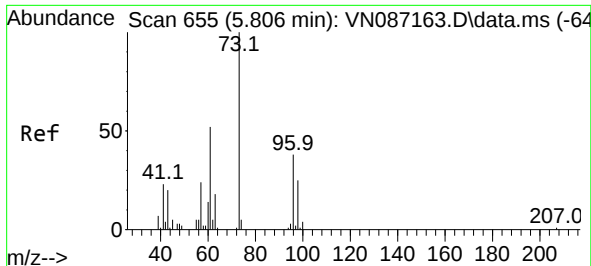
84 100

49 112.3 94.0 141.0

51 37.0 28.3 42.5

86 66.9 48.8 73.2

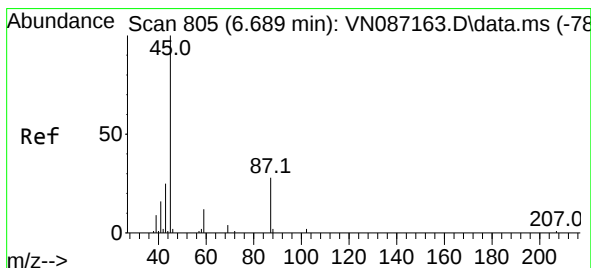
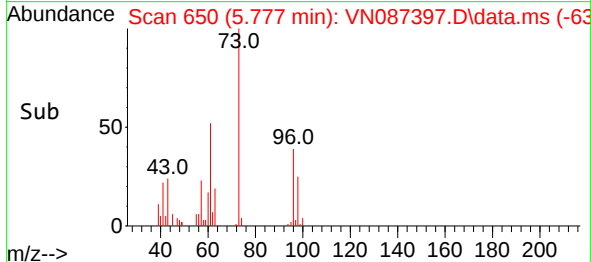
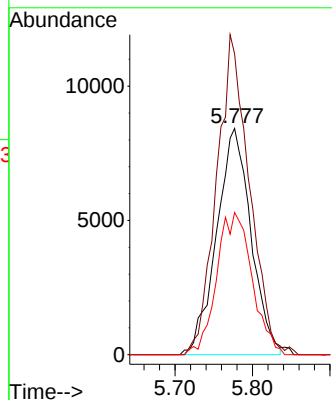
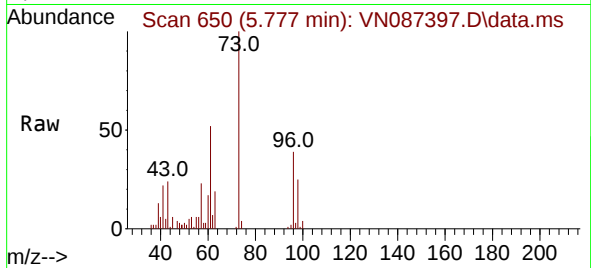




#19
trans-1,2-Dichloroethene
Concen: 14.546 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.029 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

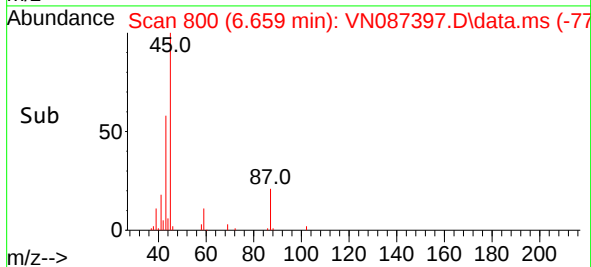
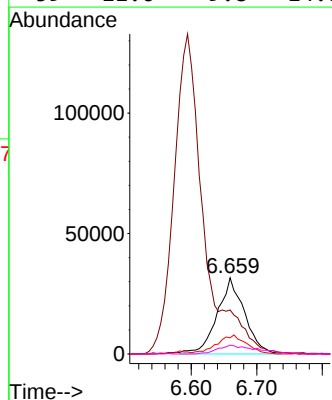
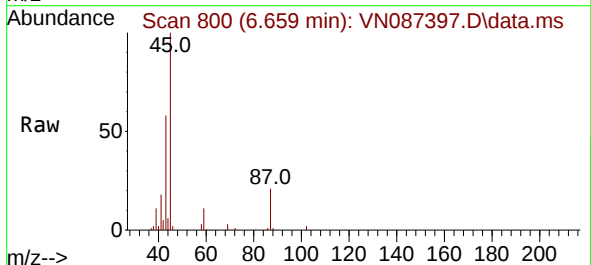
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

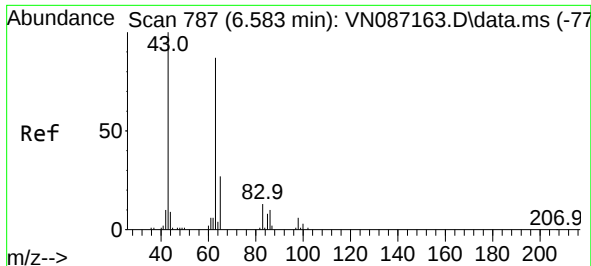
Tgt Ion: 96 Resp: 25983
Ion Ratio Lower Upper
96 100
61 133.0 110.3 165.5
98 62.9 51.6 77.4



#20
Diisopropyl ether
Concen: 15.953 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.029 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 45 Resp: 91185
Ion Ratio Lower Upper
45 100
43 56.4 45.3 67.9
87 21.4 22.6 33.8#
59 11.6 9.8 14.8





#21

1,1-Dichloroethane

Concen: 14.815 ug/l

RT: 6.559 min Scan# 71

Delta R.T. -0.023 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

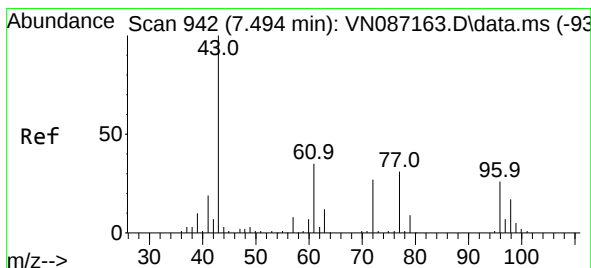
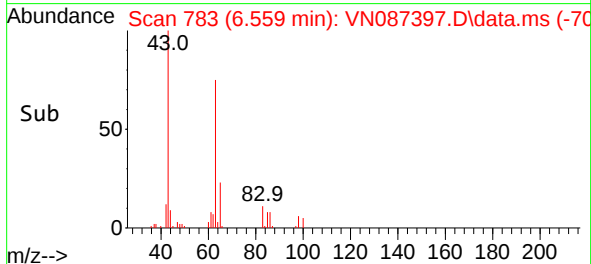
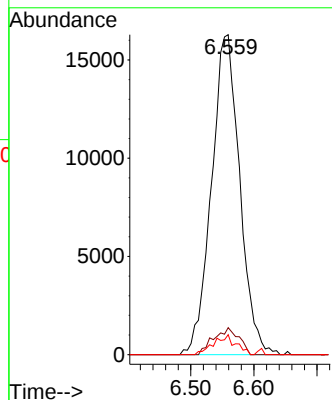
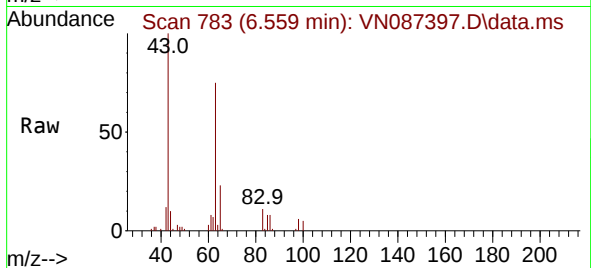
Tgt Ion: 63 Resp: 50613

Ion Ratio Lower Upper

63 100

98 8.5 3.5 10.4

100 6.2 2.0 5.8#



#22

cis-1,2-Dichloroethene

Concen: 15.182 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.018 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

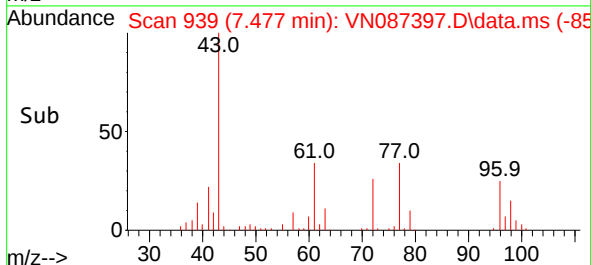
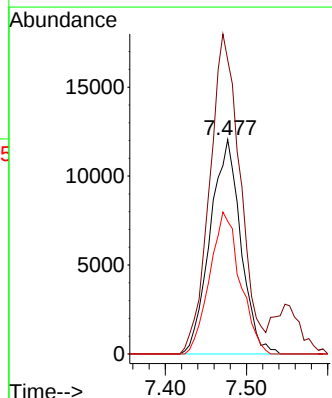
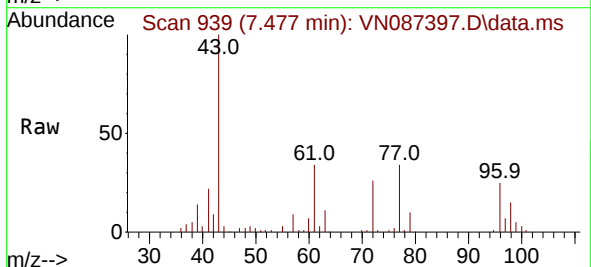
Tgt Ion: 96 Resp: 31564

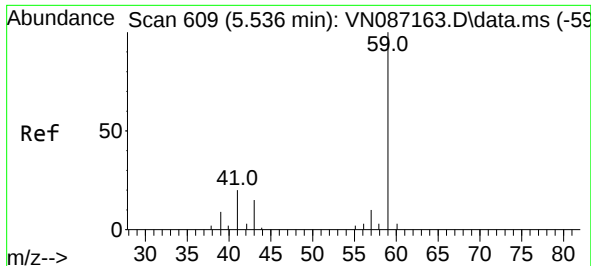
Ion Ratio Lower Upper

96 100

61 149.4 119.2 178.8

98 66.0 50.6 75.8

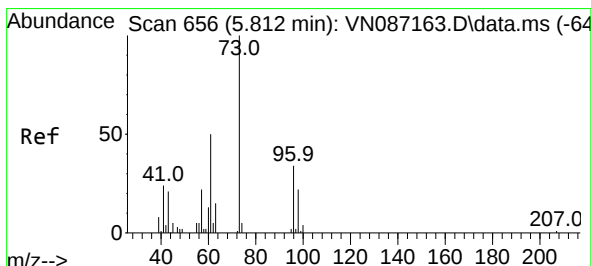
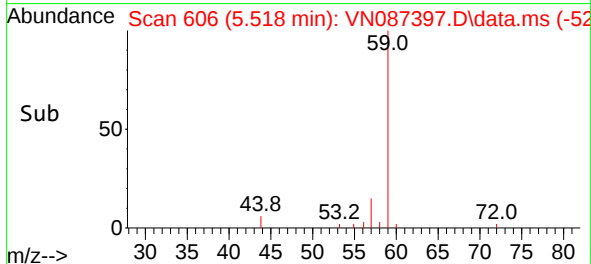
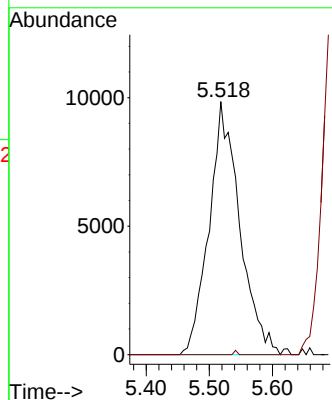
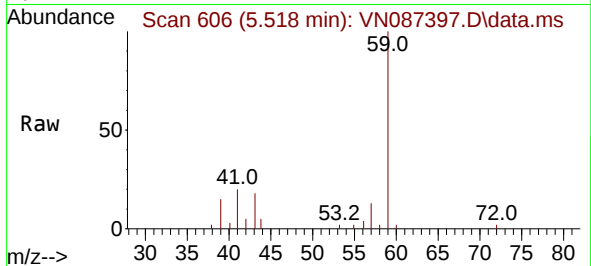




#23
tert-Butyl Alcohol
Concen: 73.835 ug/l
RT: 5.518 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

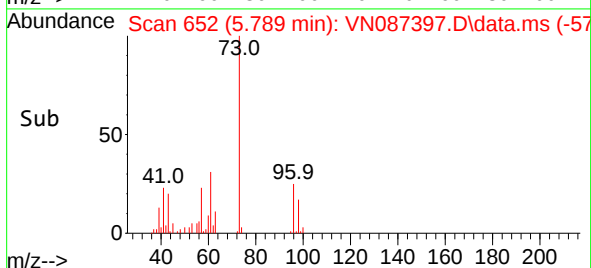
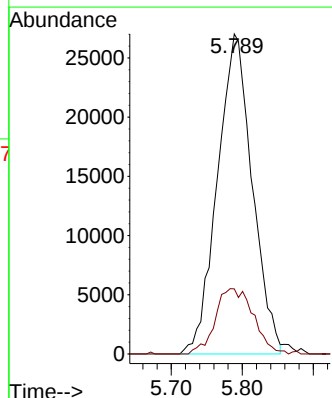
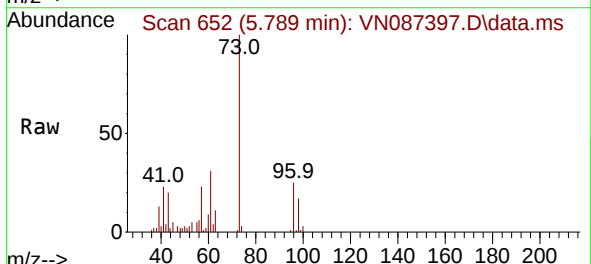
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

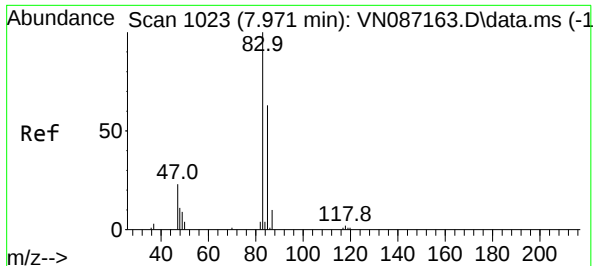
Tgt Ion: 59 Resp: 33185
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 16.071 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.023 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 73 Resp: 92069
Ion Ratio Lower Upper
73 100
43 13.7 16.4 24.6#





#25

Chloroform

Concen: 17.932 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. -0.018 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

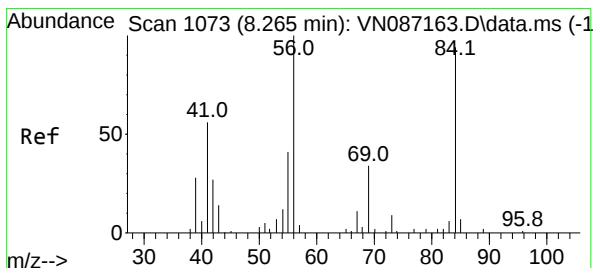
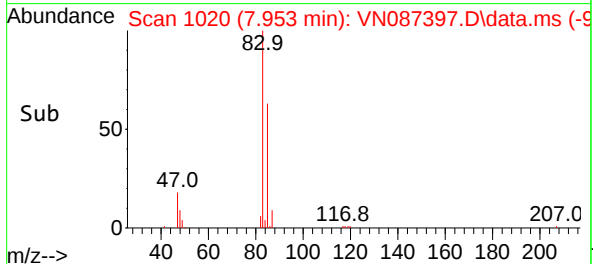
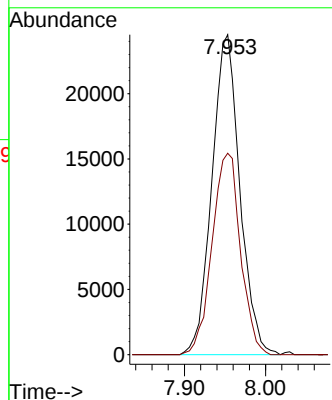
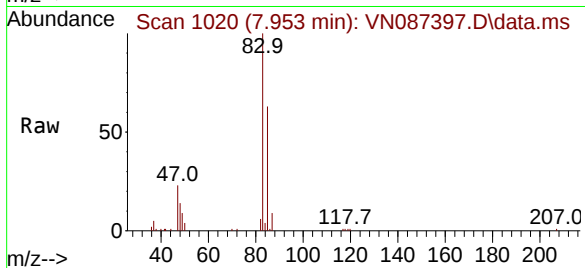
VSTDCCC020EC

Tgt Ion: 83 Resp: 58690

Ion Ratio Lower Upper

83 100

85 62.9 50.7 76.1



#26

Cyclohexane

Concen: 10.750 ug/l

RT: 8.247 min Scan# 1070

Delta R.T. -0.018 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

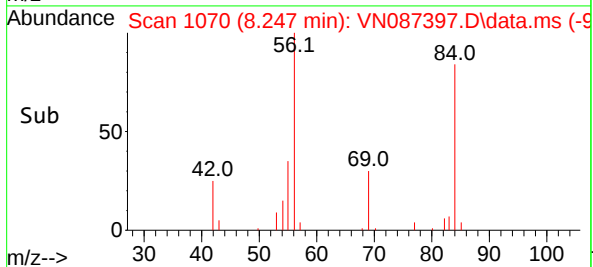
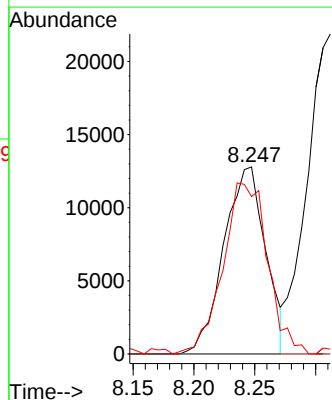
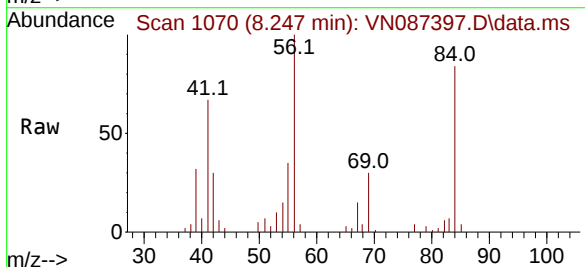
Tgt Ion: 56 Resp: 30527

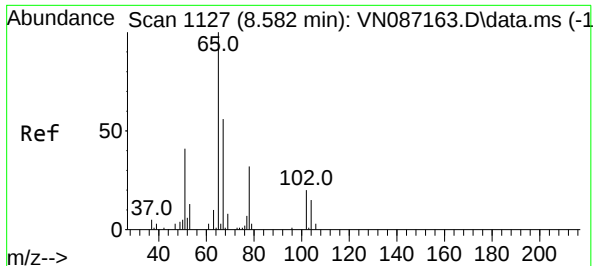
Ion Ratio Lower Upper

56 100

89 0.0 6.9 10.3#

84 66.1 69.1 103.7#





#27

1,2-Dichloroethane-d4

Concen: 32.318 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.018 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

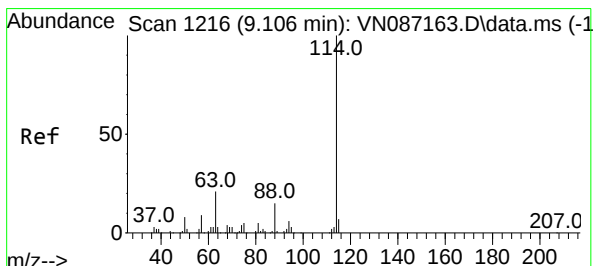
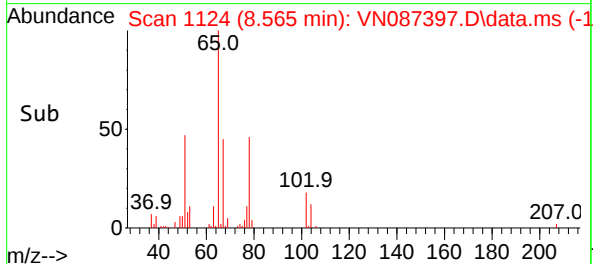
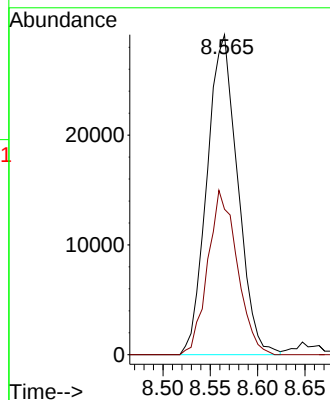
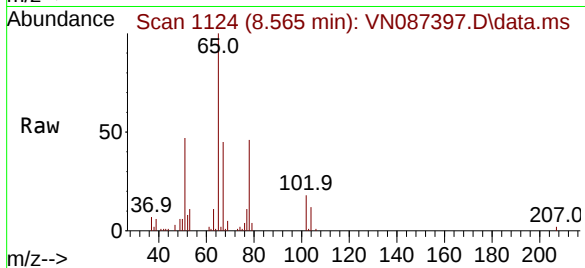
VSTDCCC020EC

Tgt Ion: 65 Resp: 65659

Ion Ratio Lower Upper

65 100

67 49.3 41.9 62.9



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.023 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

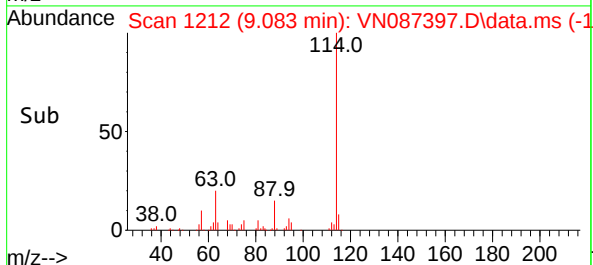
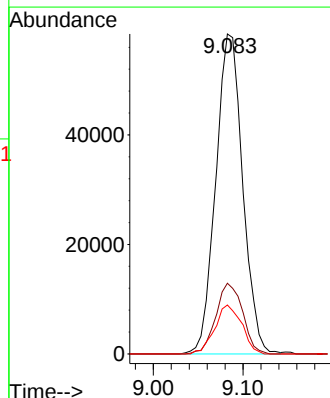
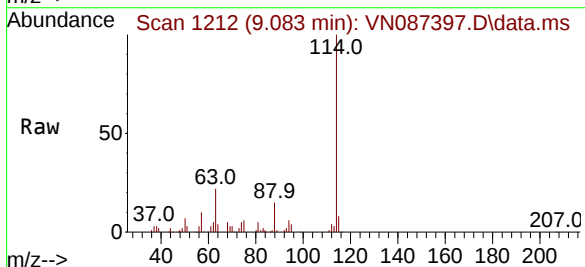
Tgt Ion: 114 Resp: 121954

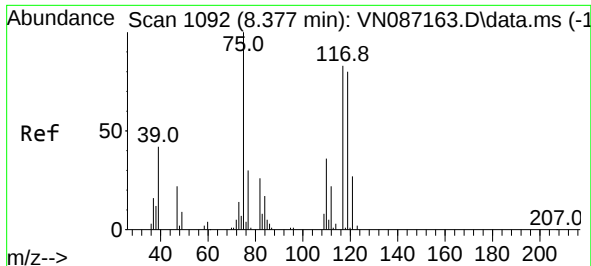
Ion Ratio Lower Upper

114 100

63 21.9 17.0 25.4

88 15.3 12.6 19.0





#29

1,1-Dichloropropene

Concen: 17.805 ug/l

RT: 8.353 min Scan# 1092

Delta R.T. -0.023 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

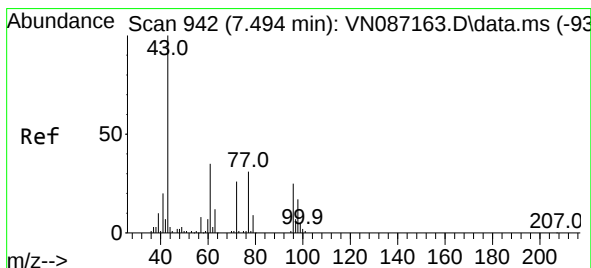
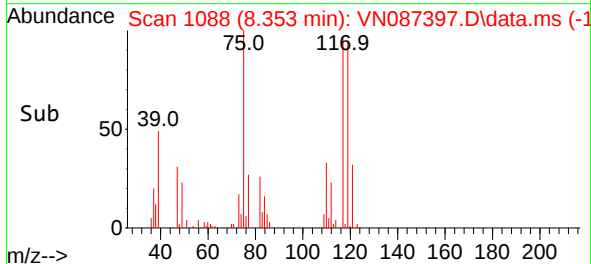
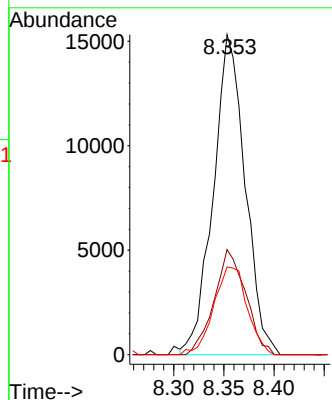
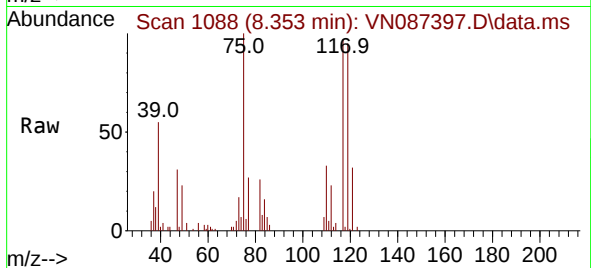
Tgt Ion: 75 Resp: 33844

Ion Ratio Lower Upper

75 100

110 32.5 0.0 69.2

77 28.9 0.0 61.8



#30

2-Butanone

Concen: 102.283 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.023 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

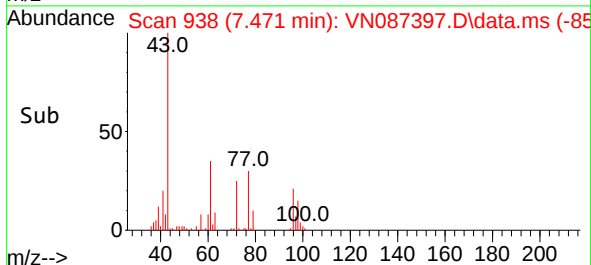
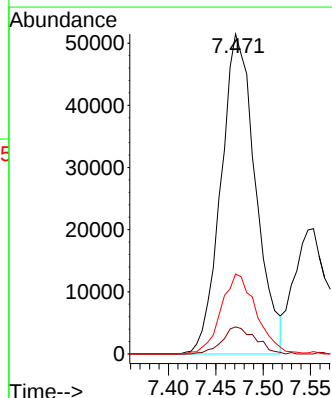
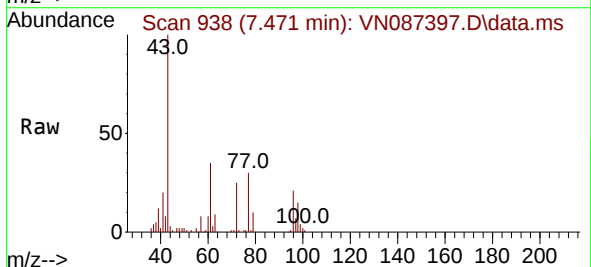
Tgt Ion: 43 Resp: 131149

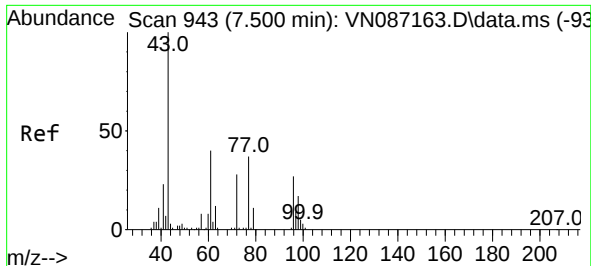
Ion Ratio Lower Upper

43 100

57 8.1 6.3 9.5

72 25.4 21.8 32.6





#31

2,2-Dichloropropane

Concen: 20.774 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.023 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

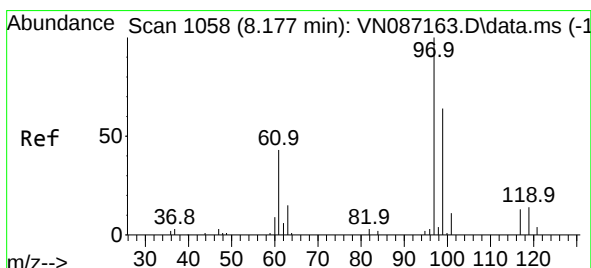
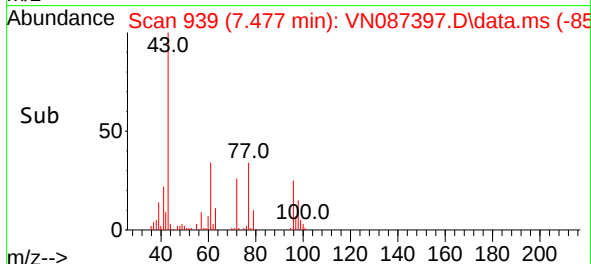
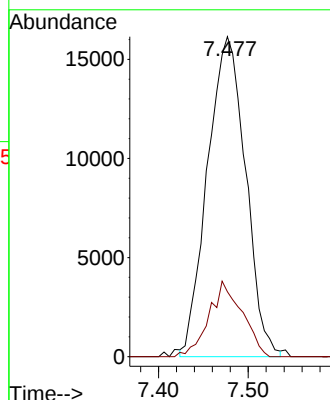
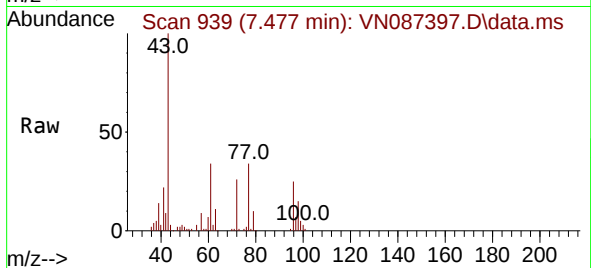
VSTDCCC020EC

Tgt Ion: 77 Resp: 47667

Ion Ratio Lower Upper

77 100

97 20.5 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 21.793 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.023 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

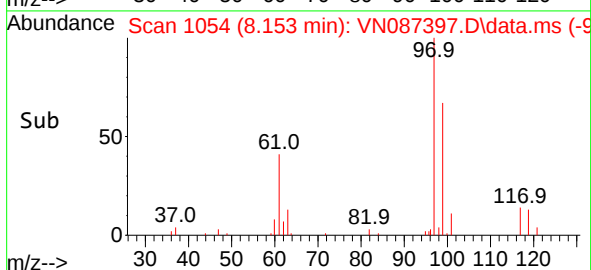
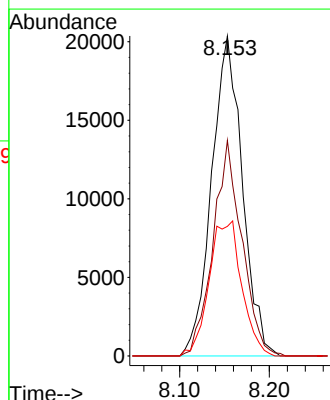
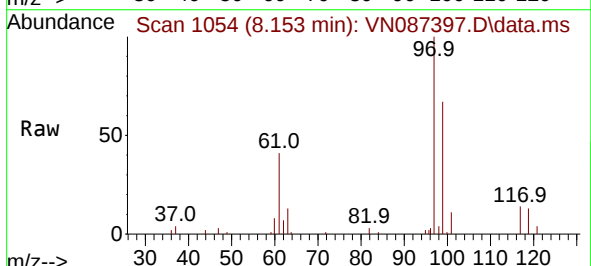
Tgt Ion: 97 Resp: 48394

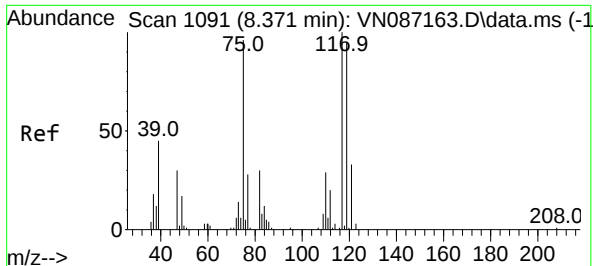
Ion Ratio Lower Upper

97 100

99 63.2 50.8 76.2

61 21.6 36.1 54.1#

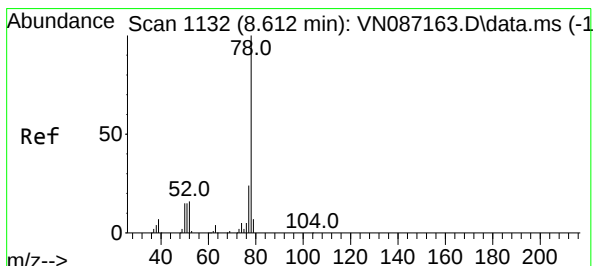
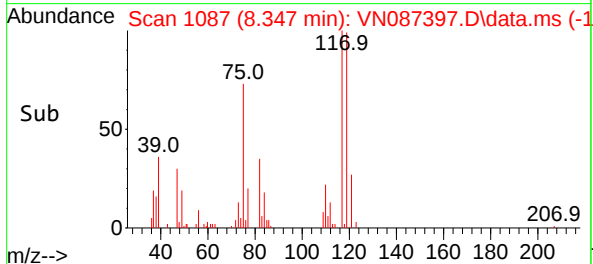
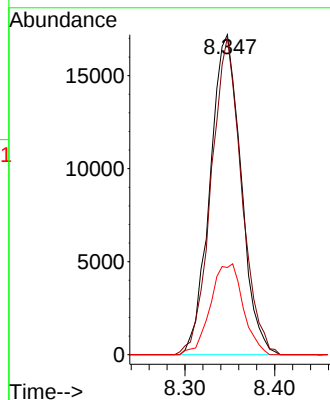
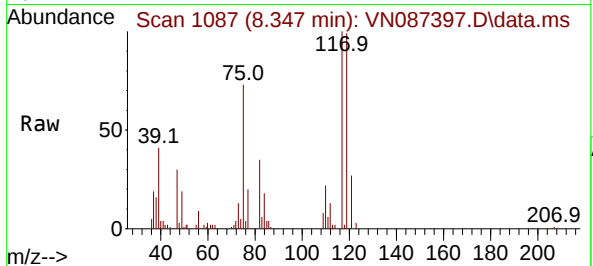




#33
Carbon Tetrachloride
Concen: 22.079 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. -0.023 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

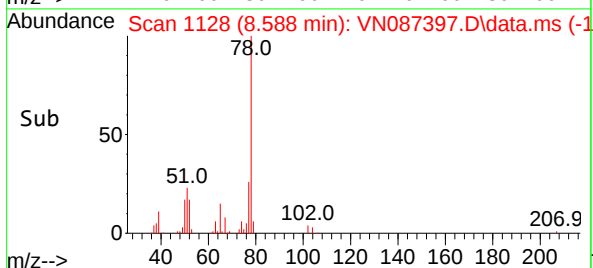
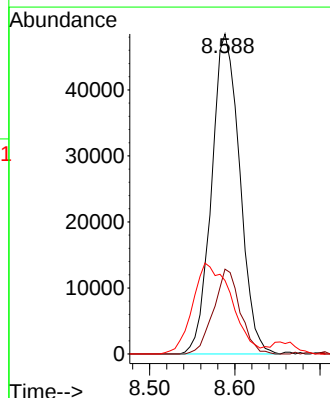
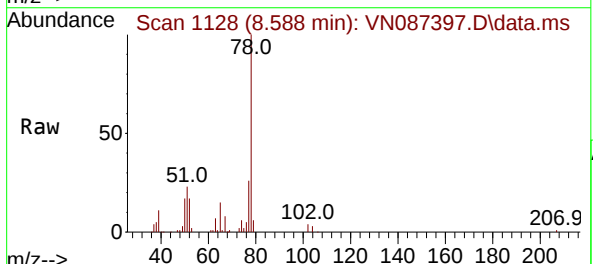
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

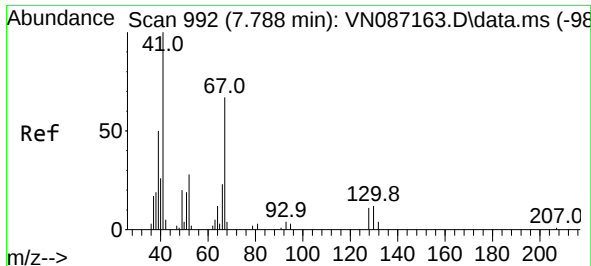
Tgt Ion:117 Resp: 41262
Ion Ratio Lower Upper
117 100
119 99.2 75.8 113.6
121 27.3 26.2 39.4



#34
Benzene
Concen: 18.459 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.023 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 78 Resp: 111159
Ion Ratio Lower Upper
78 100
77 26.5 19.5 29.3
51 19.2 14.8 22.2

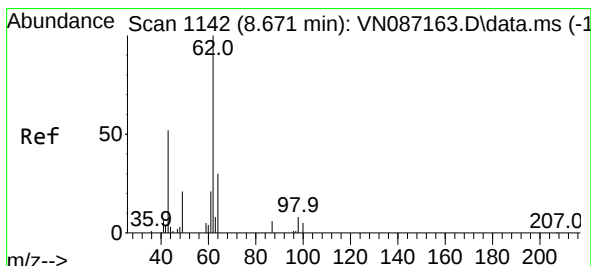
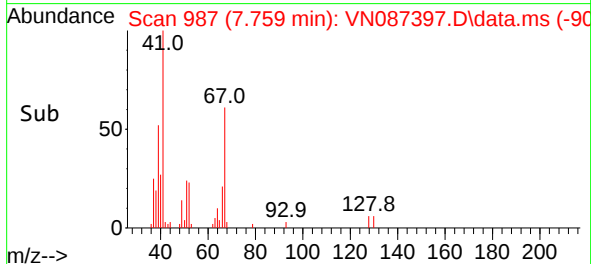
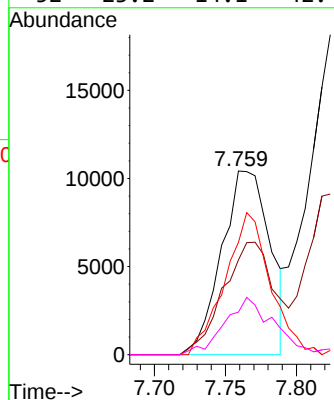
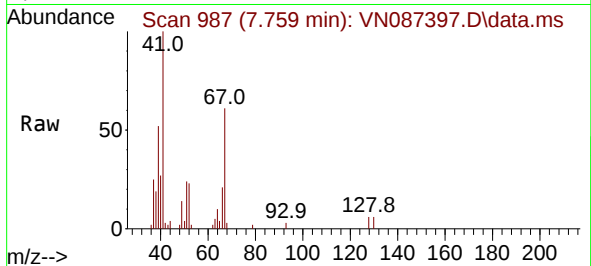




#35
Methacrylonitrile
Concen: 19.098 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.029 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

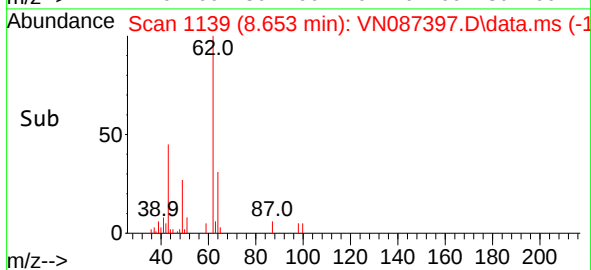
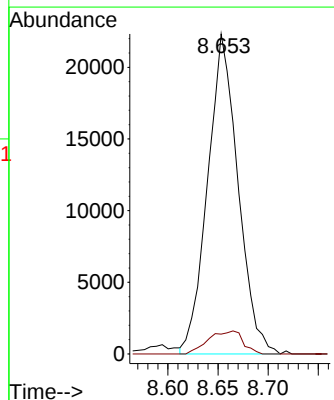
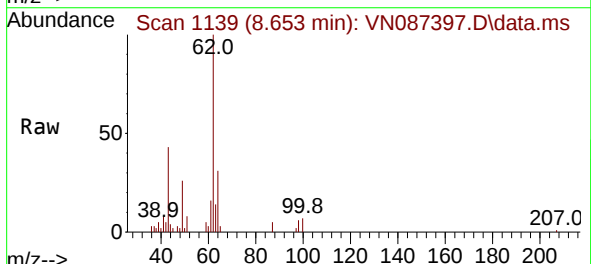
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

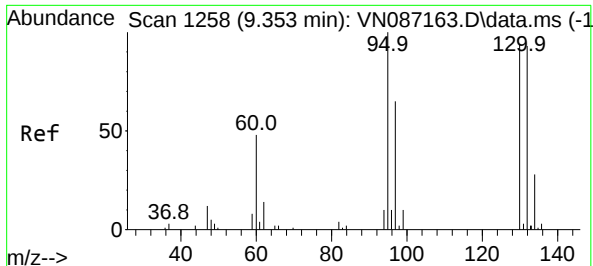
Tgt Ion:	41	Resp:	24679
Ion	Ratio	Lower	Upper
41	100		
39	51.5	24.4	73.2
67	61.2	33.3	99.8
52	23.2	14.1	42.4



#36
1,2-Dichloroethane
Concen: 24.161 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion:	62	Resp:	47009
Ion	Ratio	Lower	Upper
62	100		
98	3.9	7.2	10.8





#37

Trichloroethene

Concen: 18.439 ug/l

RT: 9.335 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

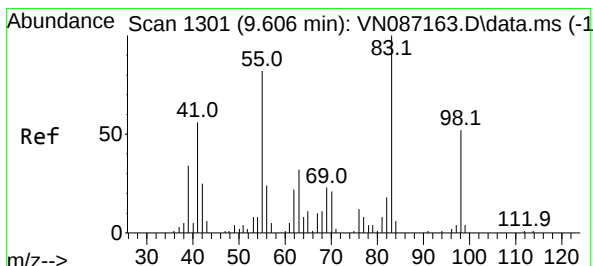
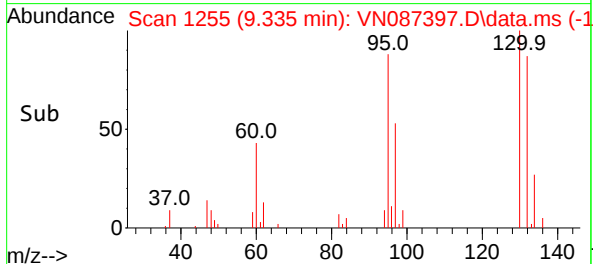
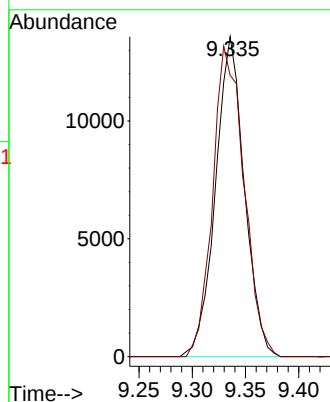
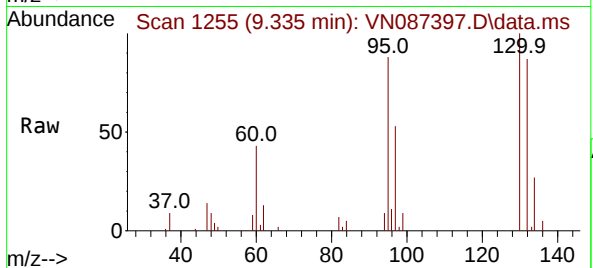
VSTDCCC020EC

Tgt Ion:130 Resp: 25611

Ion Ratio Lower Upper

130 100

95 87.9 85.3 127.9



#38

Methylcyclohexane

Concen: 14.031 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.023 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

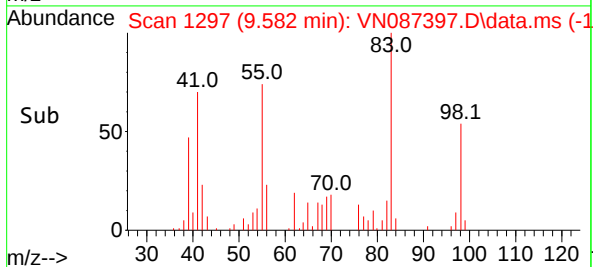
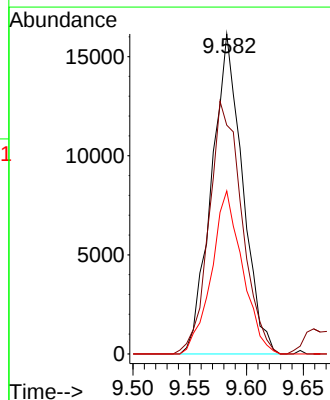
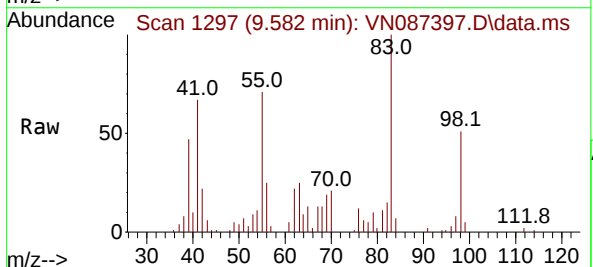
Tgt Ion: 83 Resp: 30602

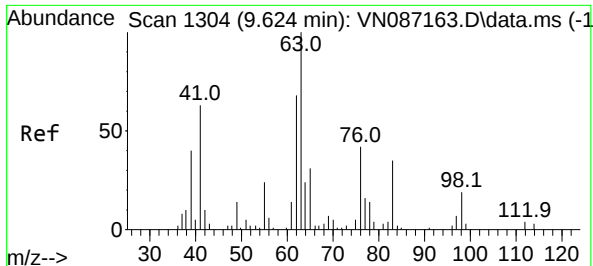
Ion Ratio Lower Upper

83 100

55 83.5 40.1 120.2

98 50.9 24.4 73.2





#39

1,2-Dichloropropane

Concen: 19.439 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

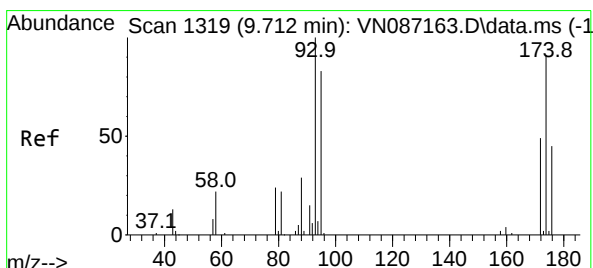
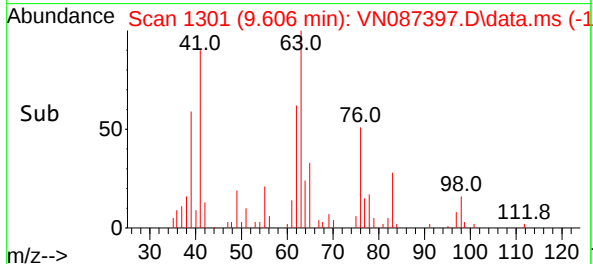
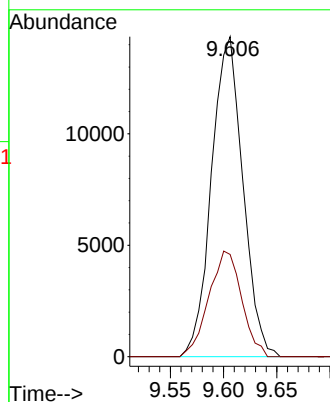
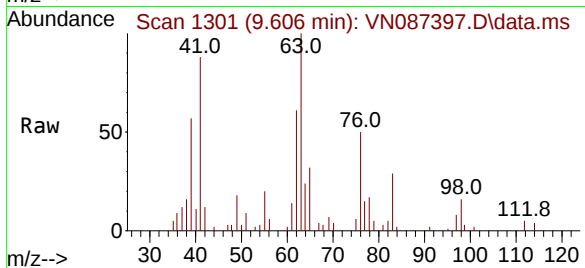
VSTDCCC020EC

Tgt Ion: 63 Resp: 29381

Ion Ratio Lower Upper

63 100

65 31.9 24.6 36.8



#40

Dibromomethane

Concen: 21.684 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.023 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

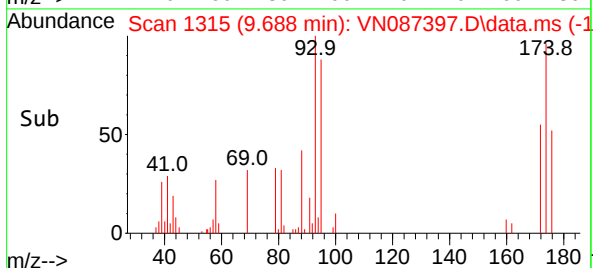
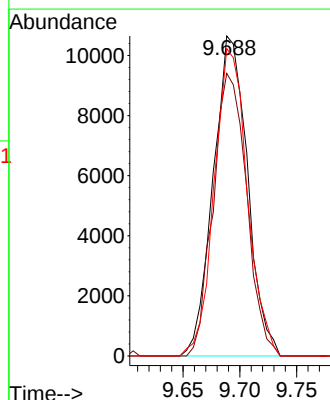
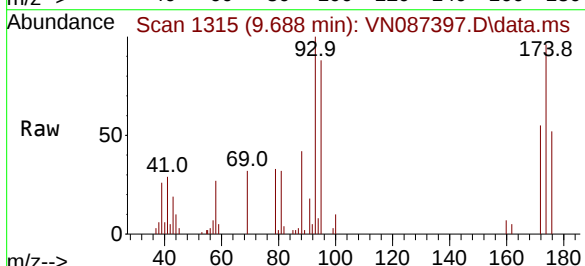
Tgt Ion: 93 Resp: 22286

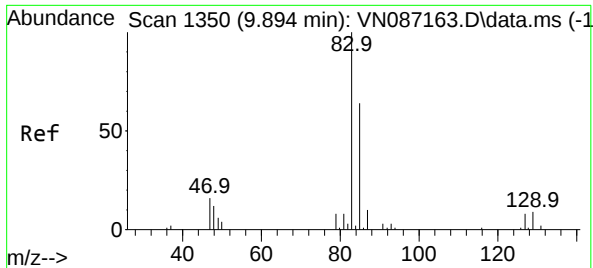
Ion Ratio Lower Upper

93 100

95 86.5 0.0 170.8

174 92.7 0.0 176.6

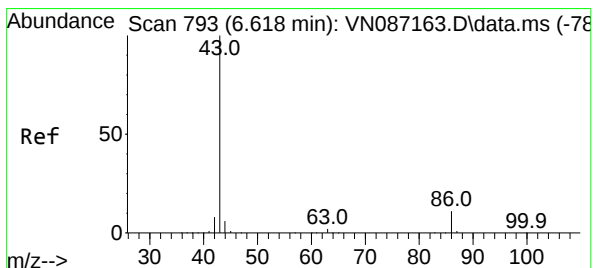
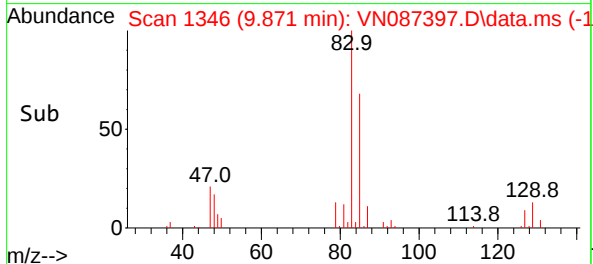
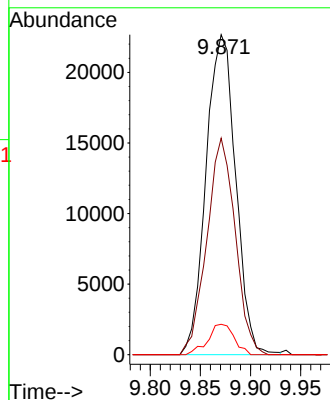
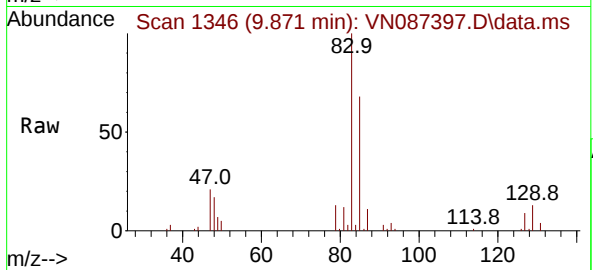




#41
Bromodichloromethane
Concen: 22.473 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

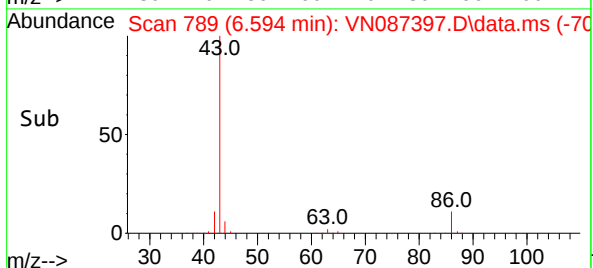
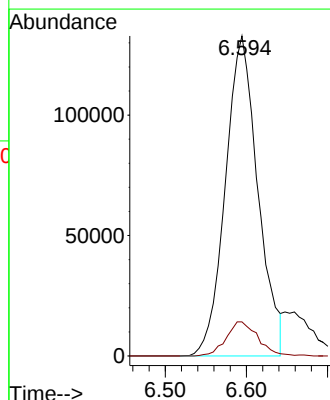
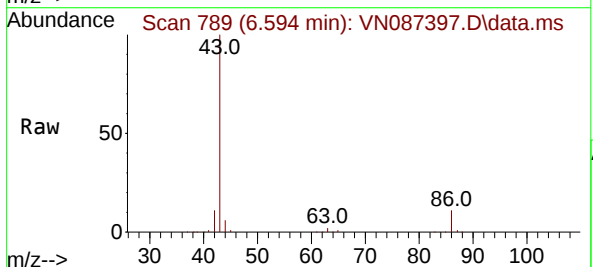
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

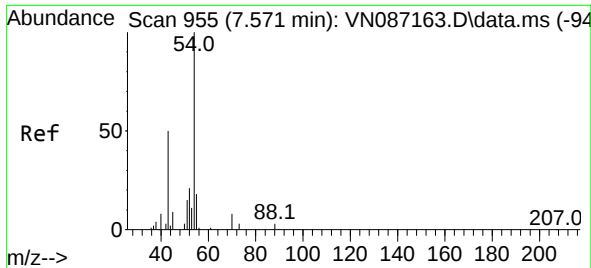
Tgt Ion: 83 Resp: 46619
Ion Ratio Lower Upper
83 100
85 67.6 51.4 77.2
127 9.5 6.1 9.1#



#42
Vinyl Acetate
Concen: 88.631 ug/l
RT: 6.594 min Scan# 789
Delta R.T. -0.023 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 43 Resp: 369630
Ion Ratio Lower Upper
43 100
86 10.4 7.7 11.5

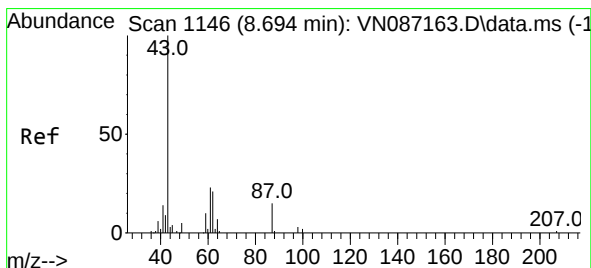
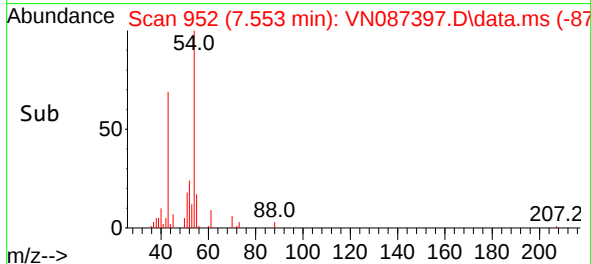
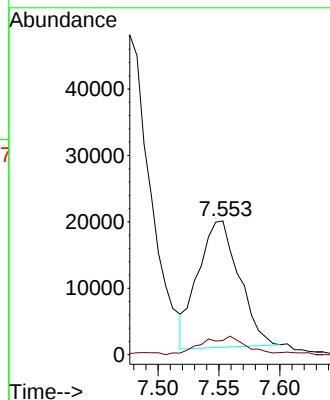
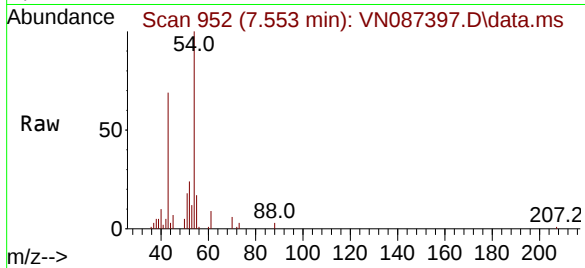




#43
Ethyl Acetate
Concen: 19.310 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

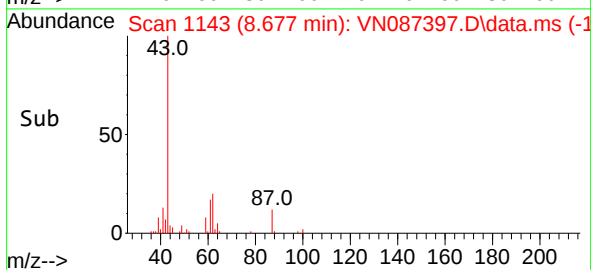
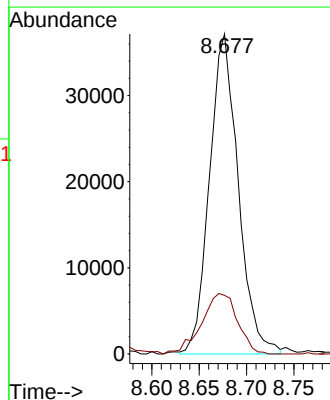
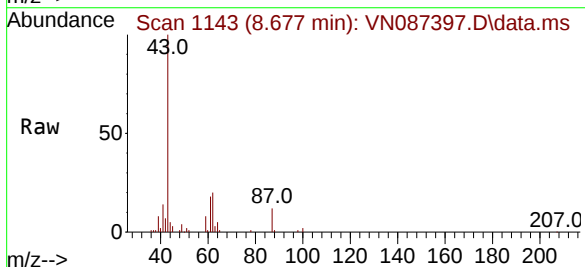
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

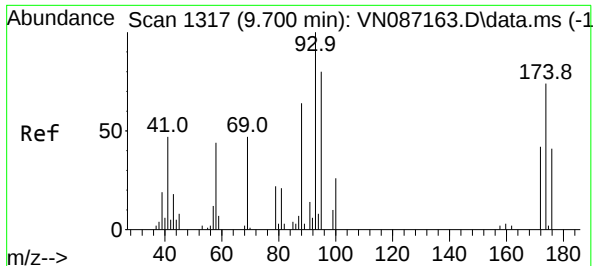
Tgt Ion: 43 Resp: 44696
Ion Ratio Lower Upper
43 100
45 8.7 11.5 17.3#



#44
Isopropyl Acetate
Concen: 20.838 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 43 Resp: 78587
Ion Ratio Lower Upper
43 100
61 23.2 20.5 30.7





#45

1,4-Dioxane

Concen: 450.747 ug/l

RT: 9.677 min Scan# 11

Delta R.T. -0.023 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

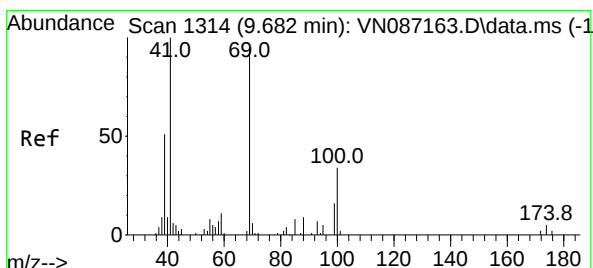
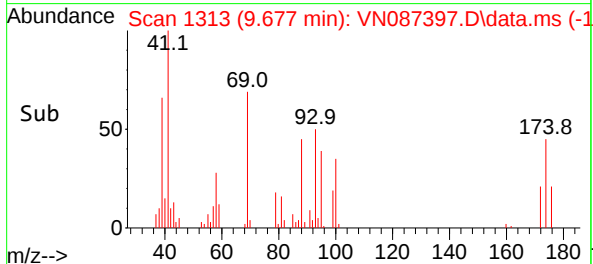
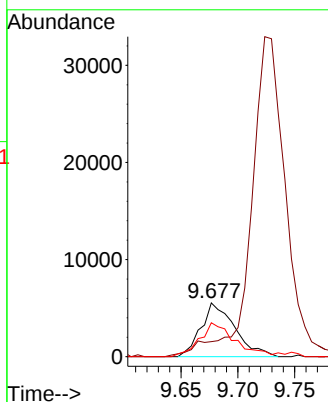
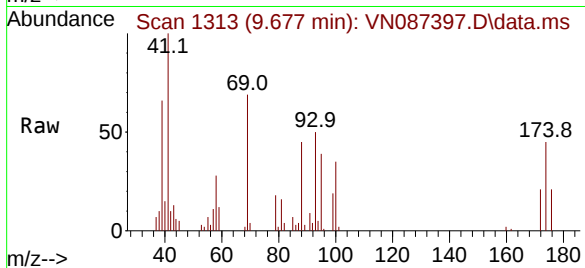
Tgt Ion: 88 Resp: 11499

Ion Ratio Lower Upper

88 100

43 14.4 21.3 31.9#

58 65.1 61.7 92.5



#46

Methyl methacrylate

Concen: 20.097 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.018 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

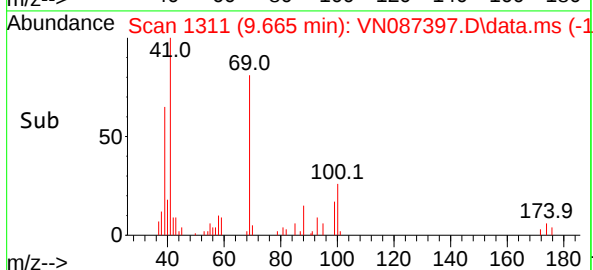
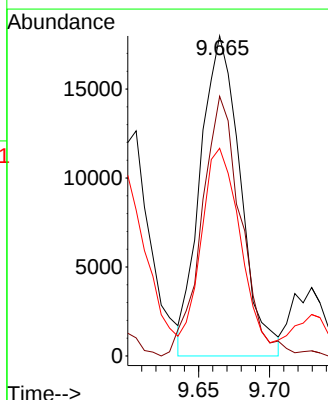
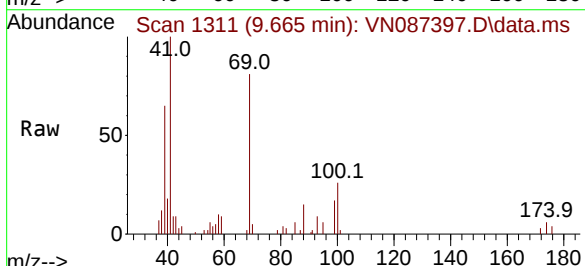
Tgt Ion: 41 Resp: 35234

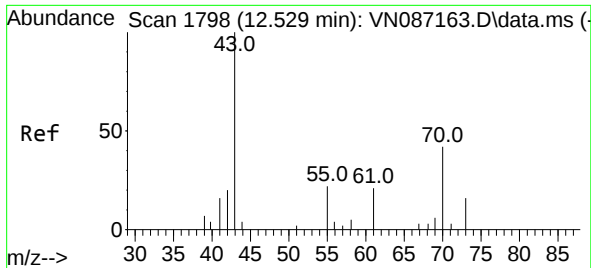
Ion Ratio Lower Upper

41 100

69 81.3 45.6 136.9

39 63.7 26.2 78.5

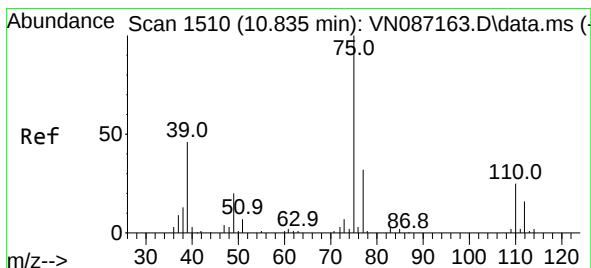
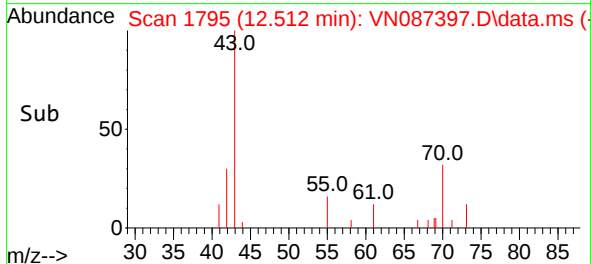
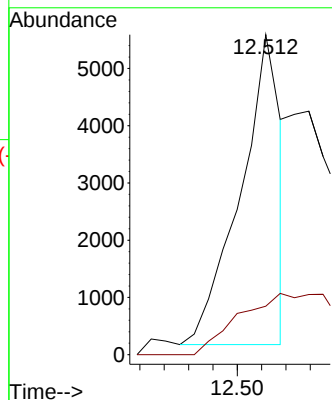
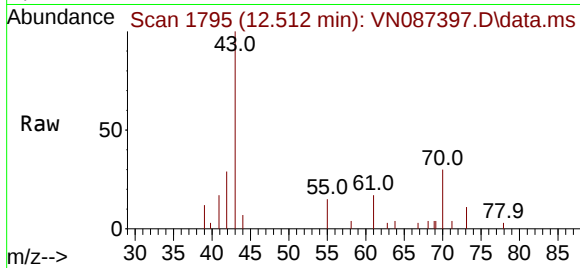




#47
n-amy1 Acetate
Concen: 2.728 ug/l
RT: 12.512 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

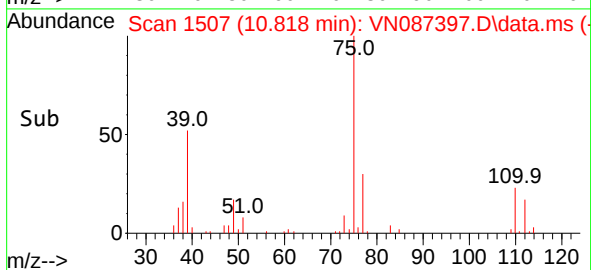
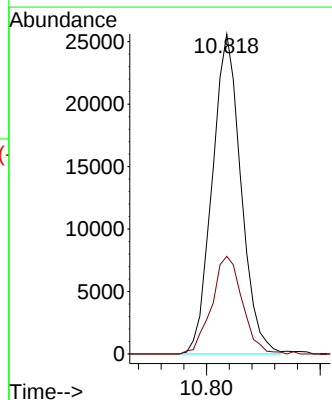
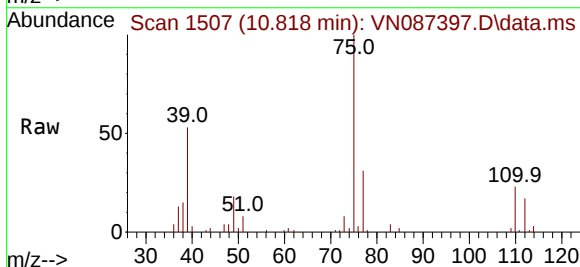
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

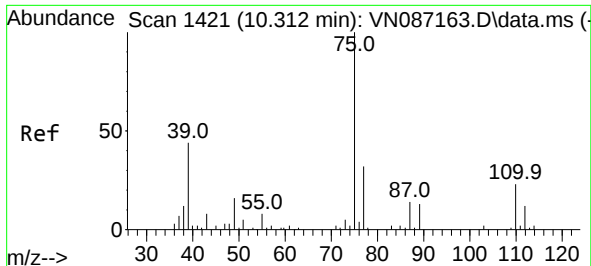
Tgt Ion: 43 Resp: 6291
Ion Ratio Lower Upper
43 100
55 28.4 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 19.445 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 75 Resp: 44969
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0

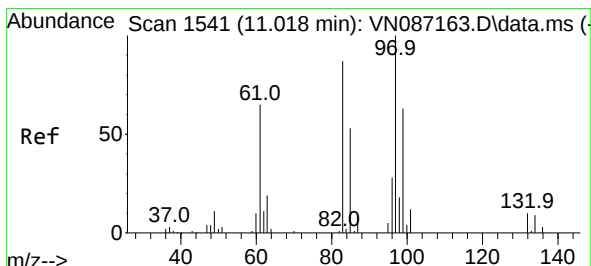
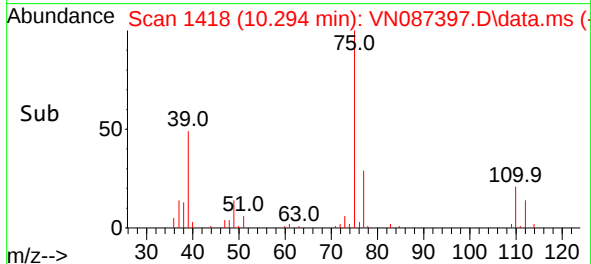
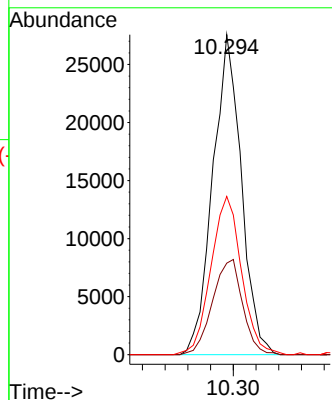
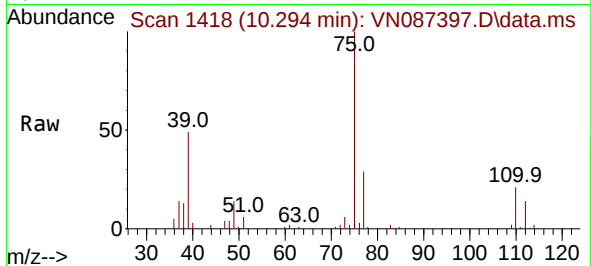




#49
 cis-1,3-Dichloropropene
 Concen: 19.559 ug/l
 RT: 10.294 min Scan# 14
 Delta R.T. -0.018 min
 Lab File: VN087397.D
 Acq: 22 Jul 2025 18:11

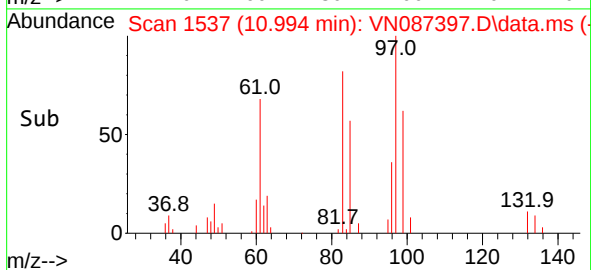
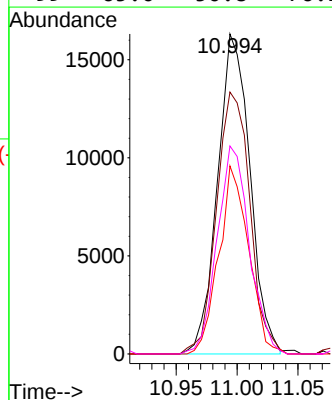
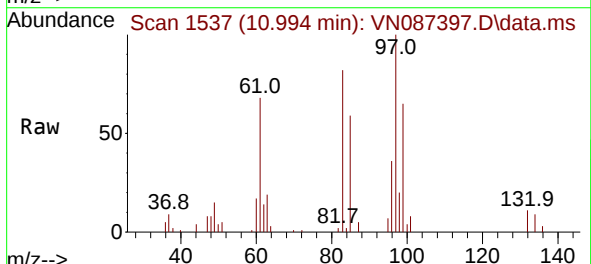
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

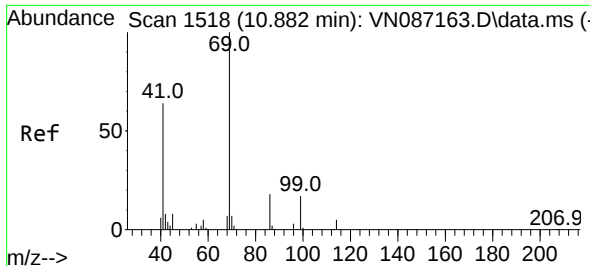
Tgt Ion: 75 Resp: 48086
 Ion Ratio Lower Upper
 75 100
 77 28.6 25.4 38.2
 39 48.9 35.3 52.9



#50
 1,1,2-Trichloroethane
 Concen: 20.657 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.023 min
 Lab File: VN087397.D
 Acq: 22 Jul 2025 18:11

Tgt Ion: 97 Resp: 30158
 Ion Ratio Lower Upper
 97 100
 83 81.8 69.6 104.4
 85 58.7 42.0 63.0
 99 65.0 50.8 76.2

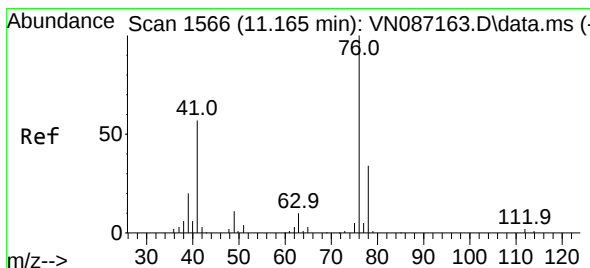
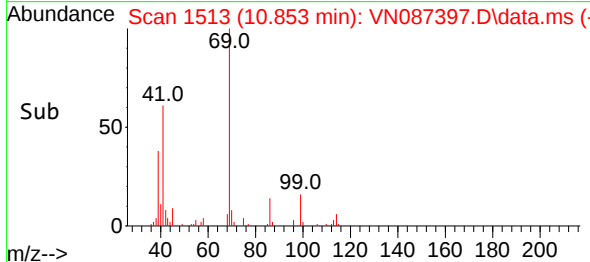
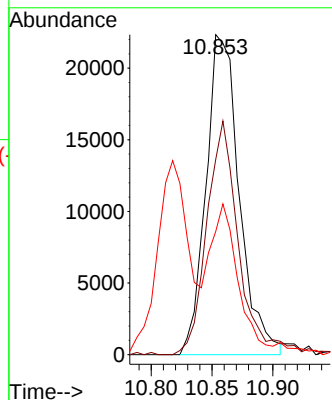
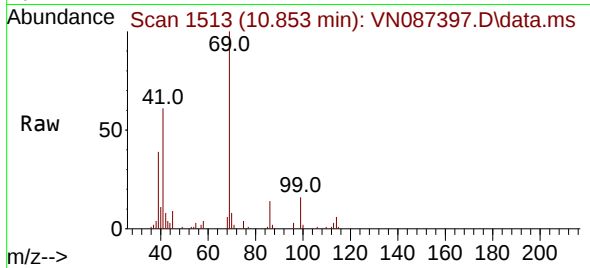




#51
Ethyl methacrylate
Concen: 19.132 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.029 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

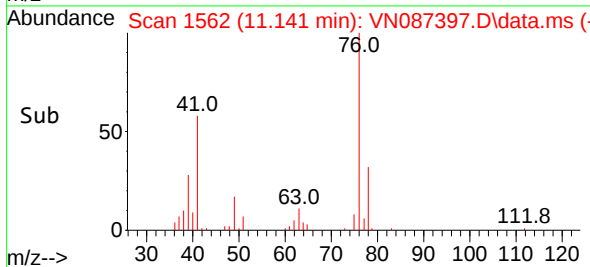
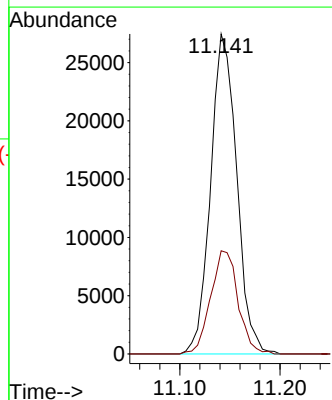
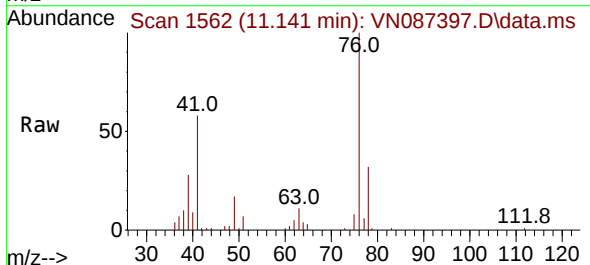
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

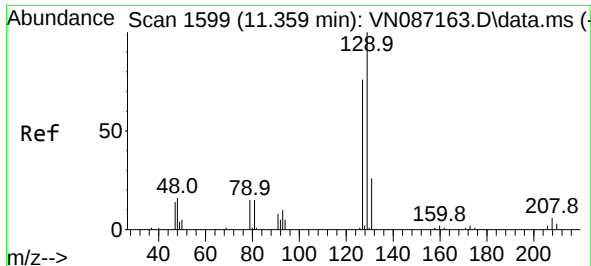
Tgt Ion: 69 Resp: 42512
Ion Ratio Lower Upper
69 100
41 59.7 31.8 95.3
39 34.7 15.3 45.8



#52
1,3-Dichloropropane
Concen: 19.840 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.023 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 76 Resp: 49726
Ion Ratio Lower Upper
76 100
78 33.8 0.0 63.0

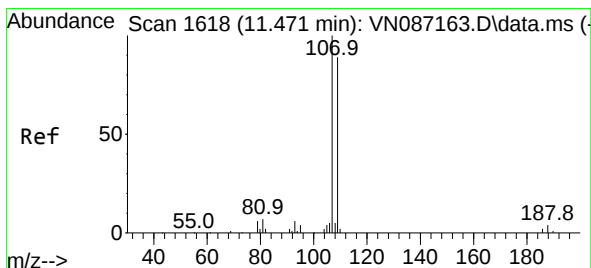
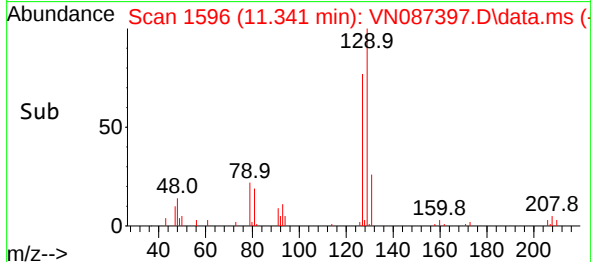
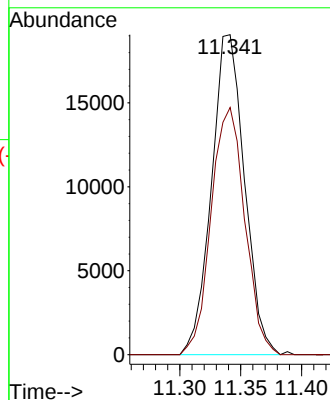
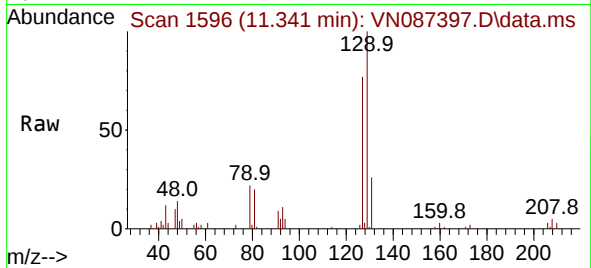




#53
Dibromochloromethane
Concen: 23.511 ug/l
RT: 11.341 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

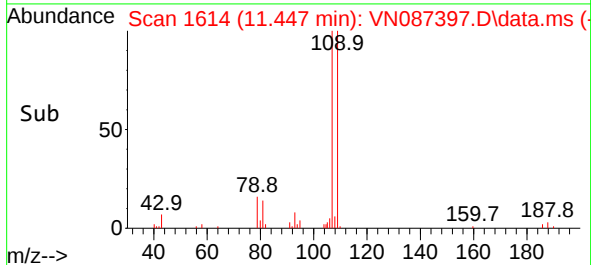
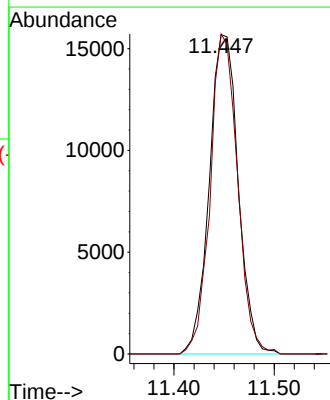
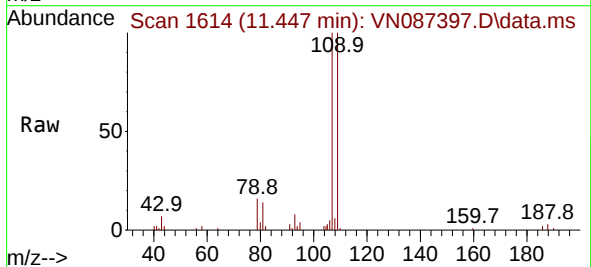
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

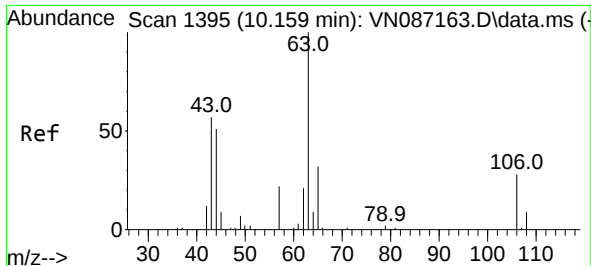
Tgt Ion:129 Resp: 36030
Ion Ratio Lower Upper
129 100
127 78.7 39.6 118.8



#54
1,2-Dibromoethane
Concen: 20.885 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.023 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion:107 Resp: 31457
Ion Ratio Lower Upper
107 100
109 94.4 73.5 110.3

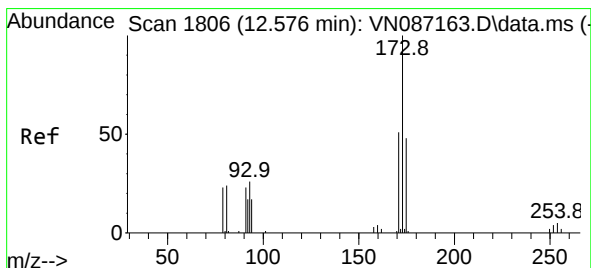
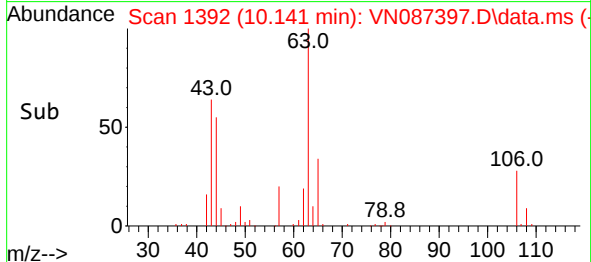
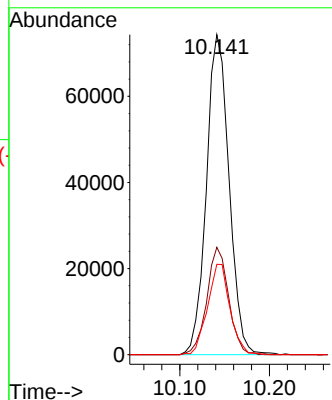
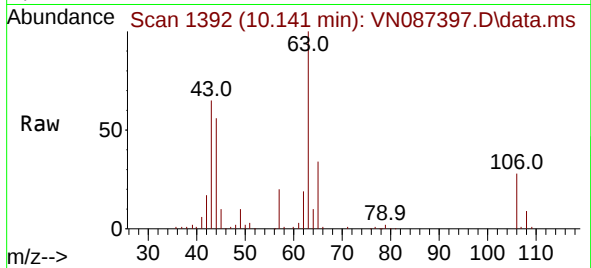




#55
2-Chloroethyl vinyl ether
Concen: 102.456 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

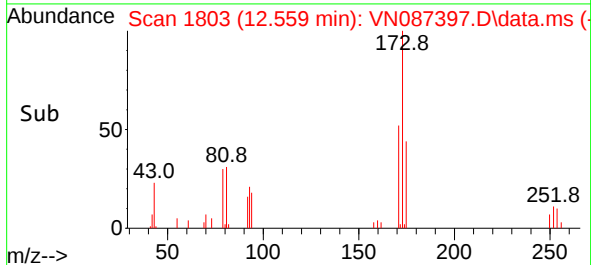
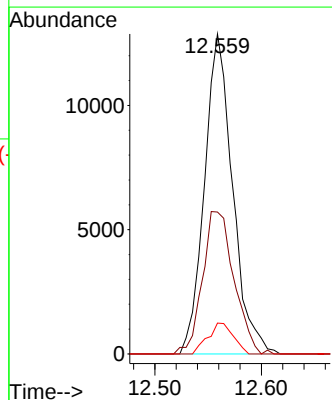
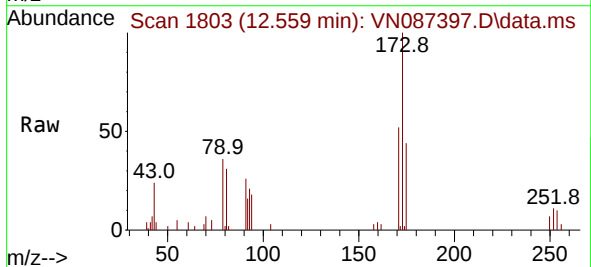
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

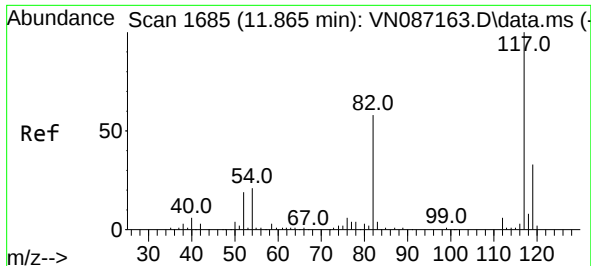
Tgt Ion: 63 Resp: 130496
Ion Ratio Lower Upper
63 100
65 32.0 25.6 38.4
106 27.8 21.9 32.9



#56
Bromoform
Concen: 22.433 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 173 Resp: 23633
Ion Ratio Lower Upper
173 100
175 49.6 38.7 58.1
254 8.7 4.2 6.4#

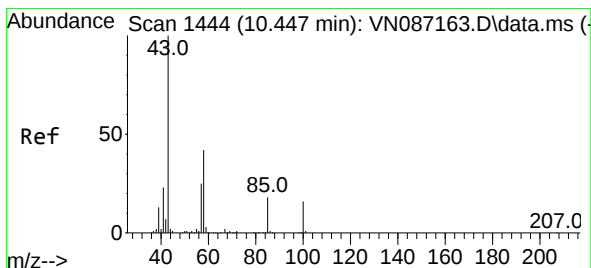
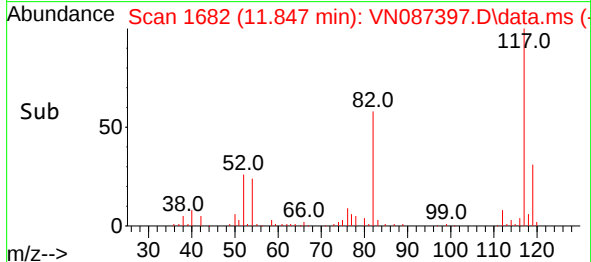
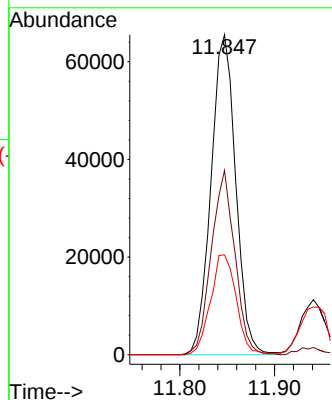
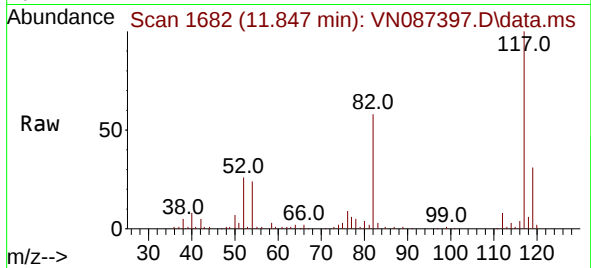




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 118687
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

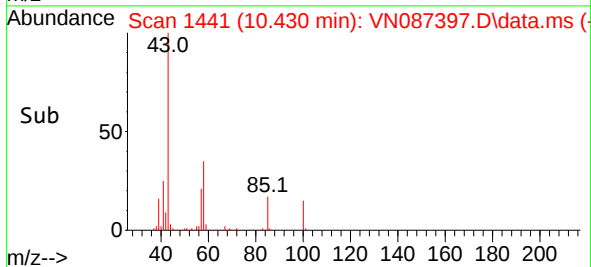
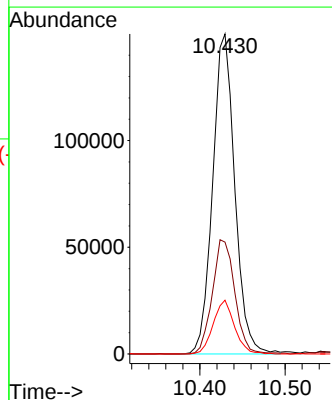
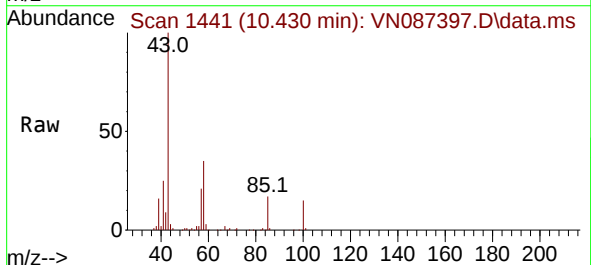
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

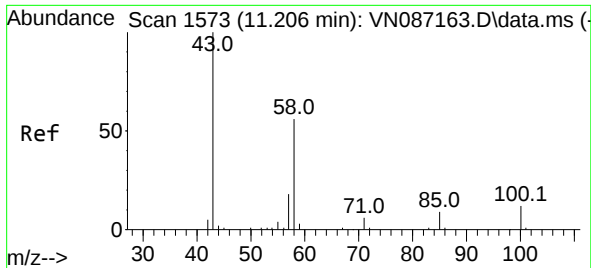
Tgt Ion:117 Resp: 118687
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 32.4 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 113.408 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 43 Resp: 270597
Ion Ratio Lower Upper
43 100
58 36.2 32.6 49.0
85 16.2 14.6 22.0

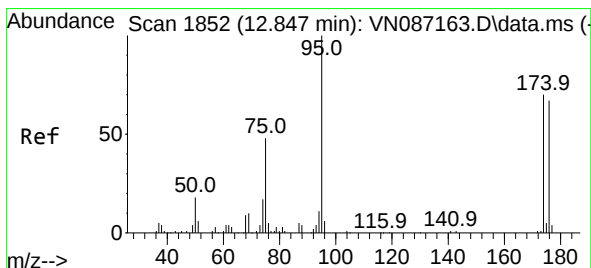
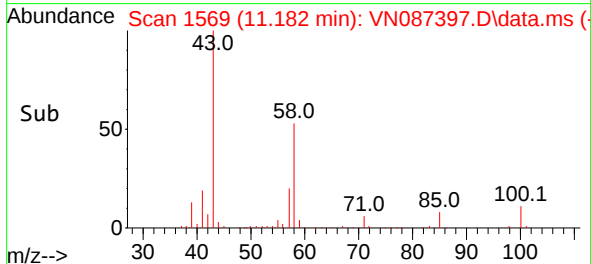
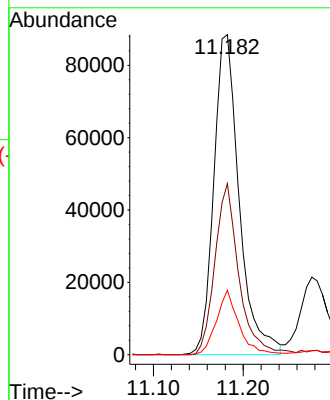
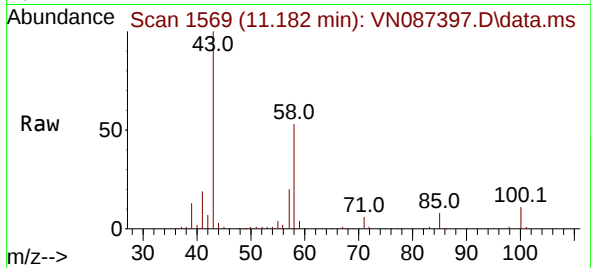




#59
2-Hexanone
Concen: 112.912 ug/l
RT: 11.182 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

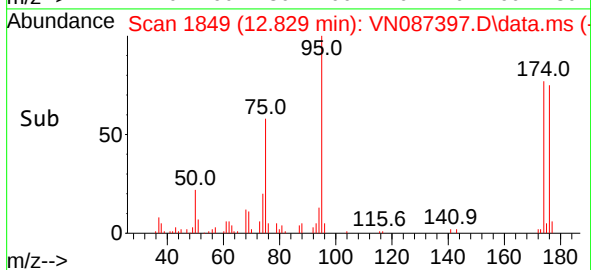
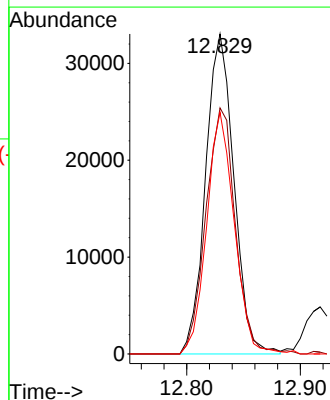
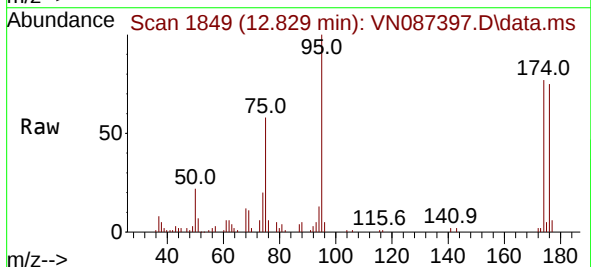
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

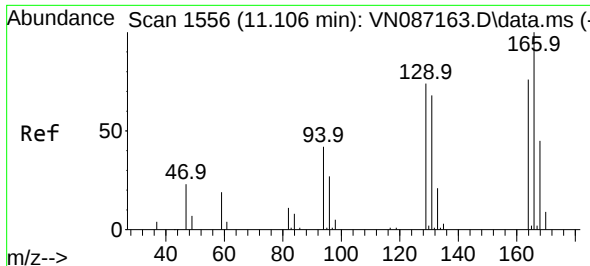
Tgt Ion: 43 Resp: 173968
Ion Ratio Lower Upper
43 100
58 49.7 49.2 73.8
57 17.9 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 31.251 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 95 Resp: 57236
Ion Ratio Lower Upper
95 100
174 80.2 54.5 81.7
176 73.7 51.9 77.9

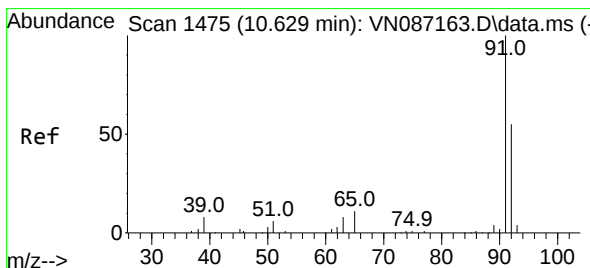
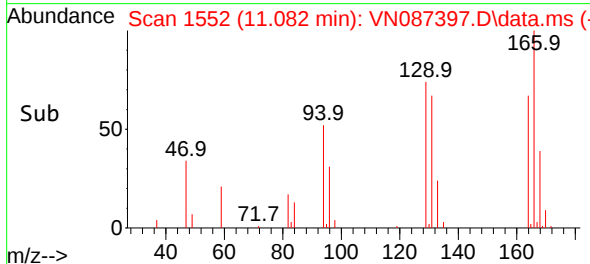
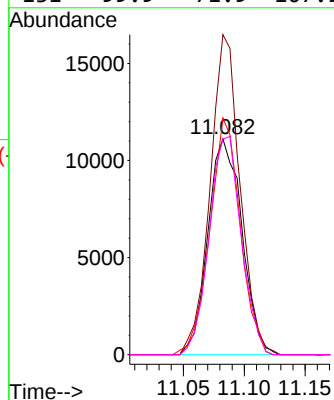
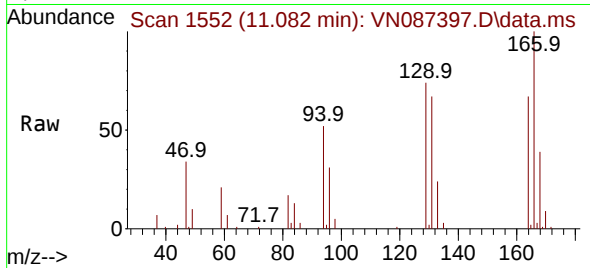




#61
Tetrachloroethene
Concen: 18.344 ug/l
RT: 11.082 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

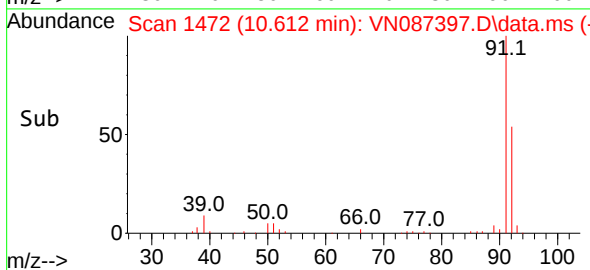
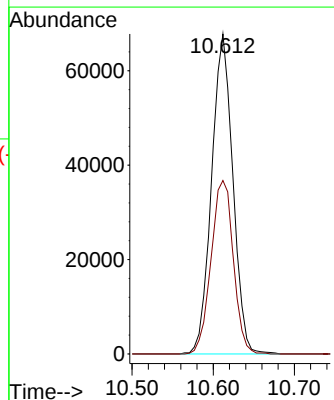
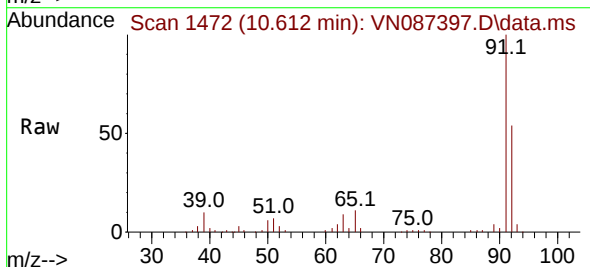
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

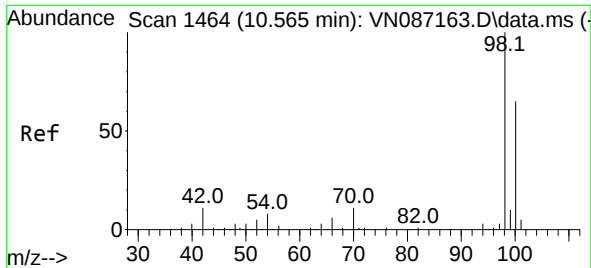
Tgt Ion:164 Resp: 21561
Ion Ratio Lower Upper
164 100
166 148.3 105.4 158.2
129 109.7 77.9 116.9
131 99.9 71.9 107.9



#62
Toluene
Concen: 18.407 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 91 Resp: 123384
Ion Ratio Lower Upper
91 100
92 56.7 45.8 68.8

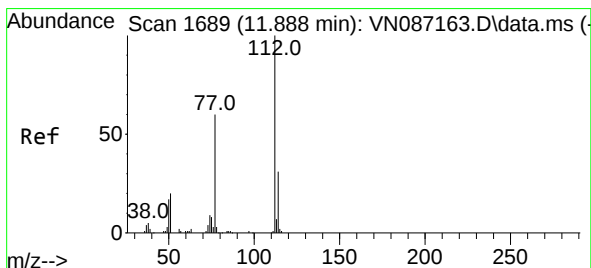
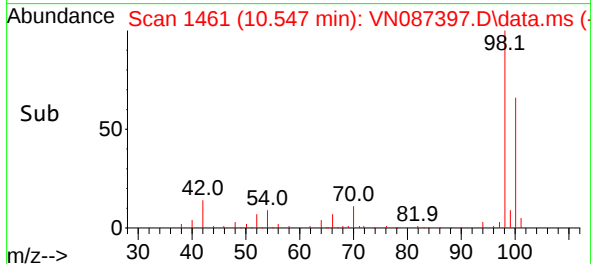
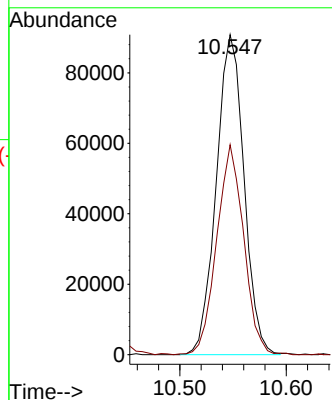
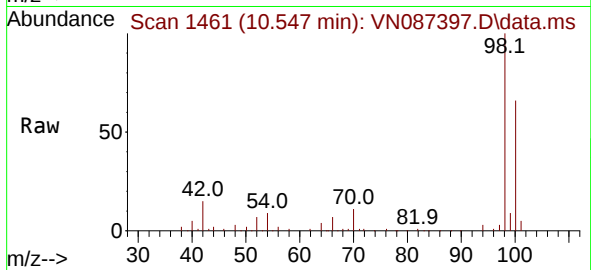




#63
Toluene-d8
Concen: 30.822 ug/l
RT: 10.547 min Scan# 1464
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

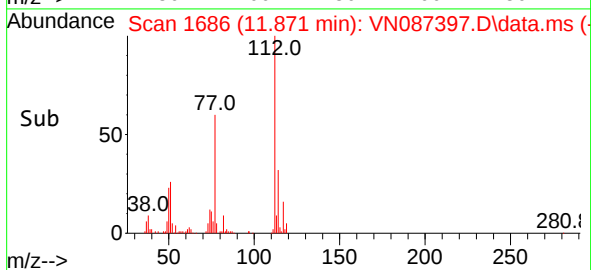
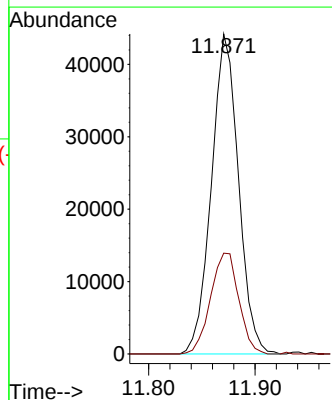
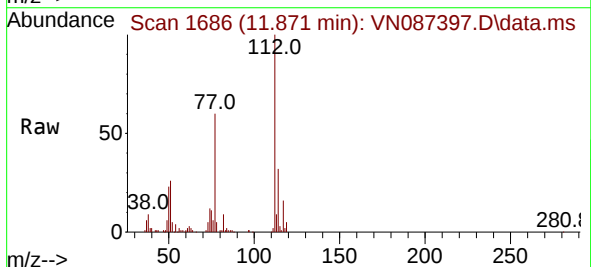
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

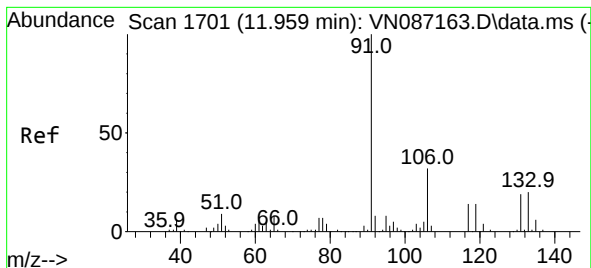
Tgt Ion: 98 Resp: 164251
Ion Ratio Lower Upper
98 100
100 63.6 52.5 78.7



#64
Chlorobenzene
Concen: 18.250 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 112 Resp: 78033
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4

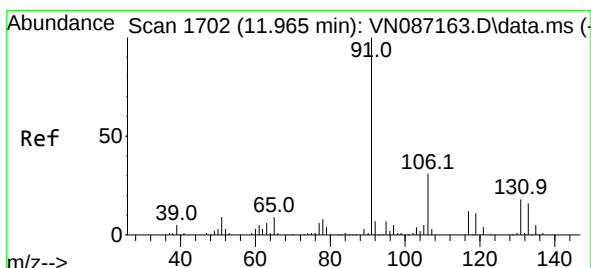
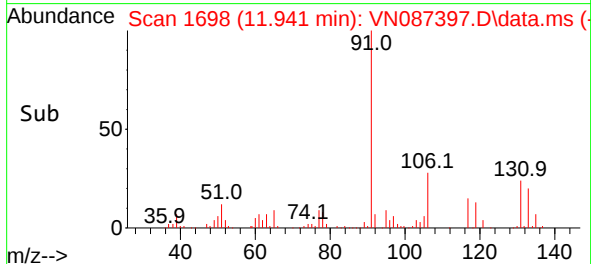
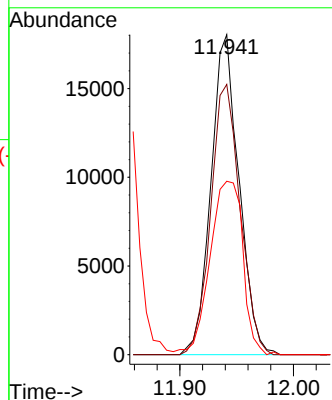
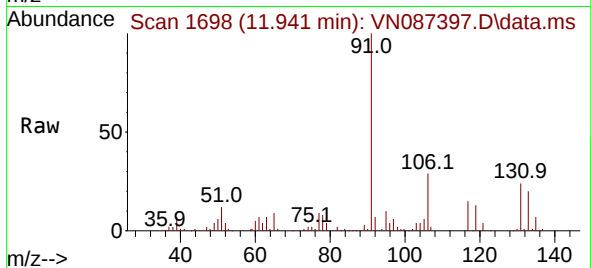




#65
1,1,1,2-Tetrachloroethane
Concen: 21.910 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

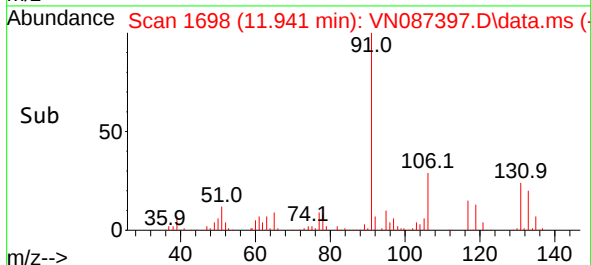
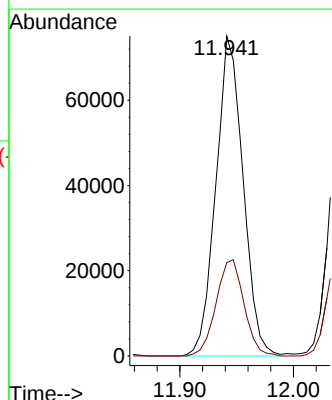
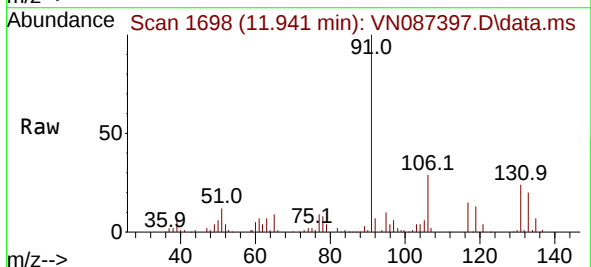
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

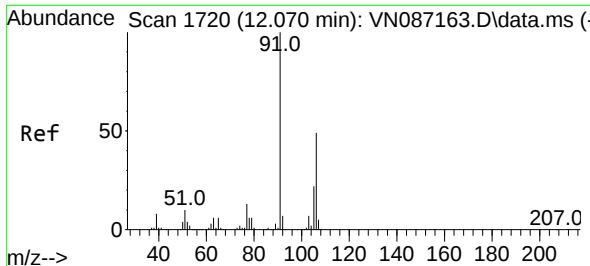
Tgt Ion:131 Resp: 30955
Ion Ratio Lower Upper
131 100
133 88.6 0.0 187.8
119 63.3 0.0 140.0



#66
Ethyl Benzene
Concen: 17.011 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.023 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 91 Resp: 124808
Ion Ratio Lower Upper
91 100
106 29.1 24.8 37.2

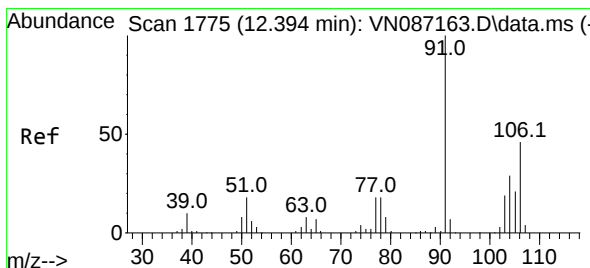
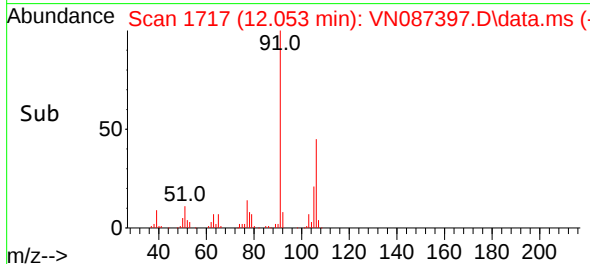
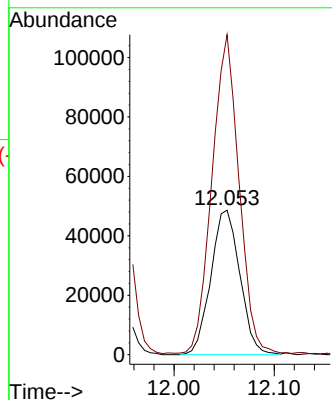
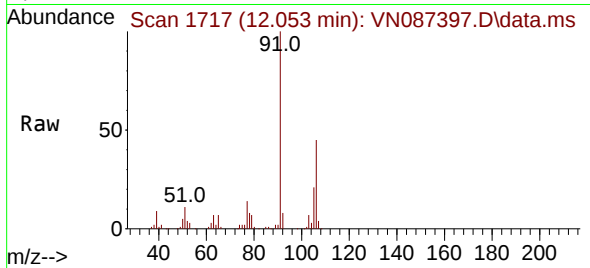




#67
m/p-Xylenes
Concen: 34.815 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

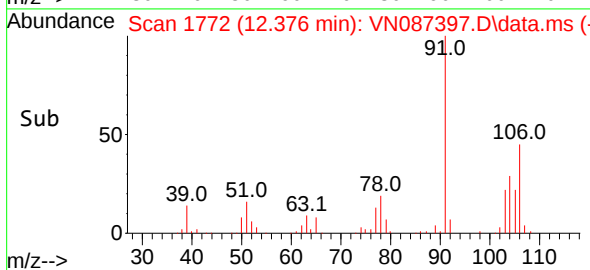
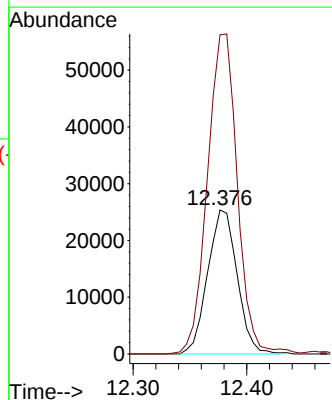
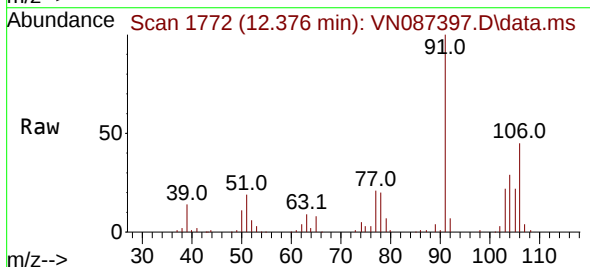
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

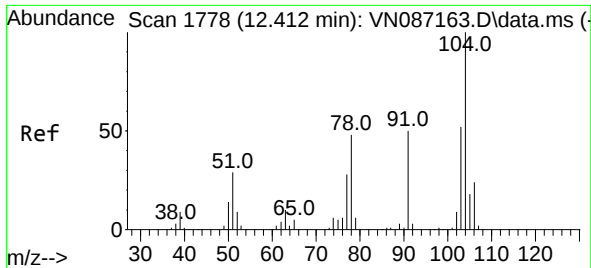
Tgt Ion:106 Resp: 97885
Ion Ratio Lower Upper
106 100
91 207.4 163.0 244.4



#68
o-Xylene
Concen: 17.060 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion:106 Resp: 45761
Ion Ratio Lower Upper
106 100
91 224.0 107.1 321.1

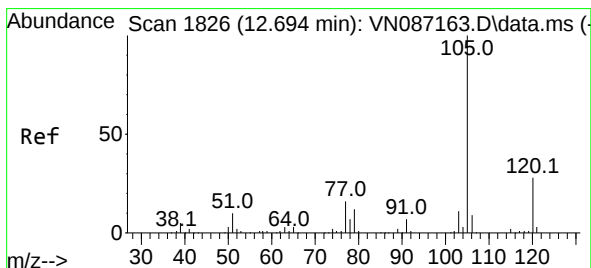
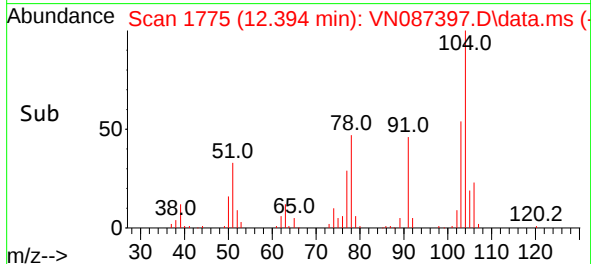
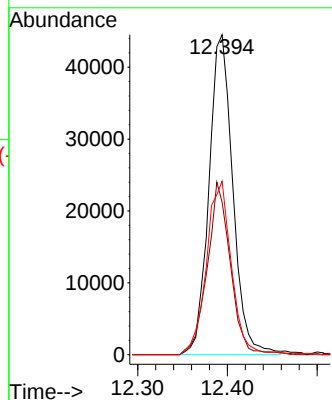
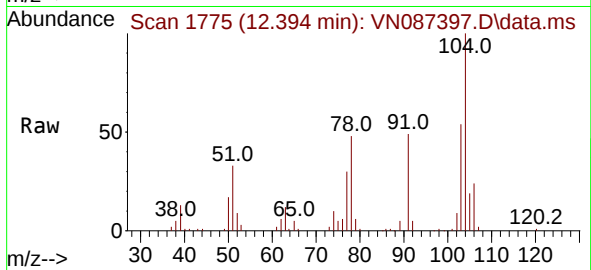




#69
Styrene
Concen: 17.905 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

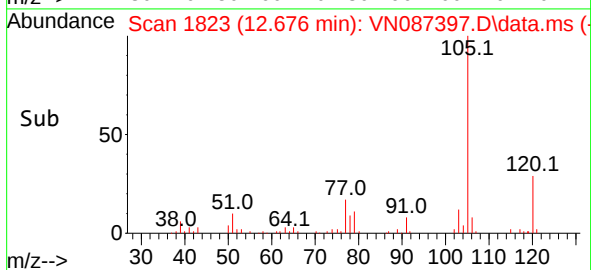
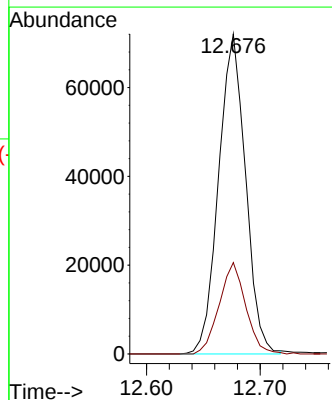
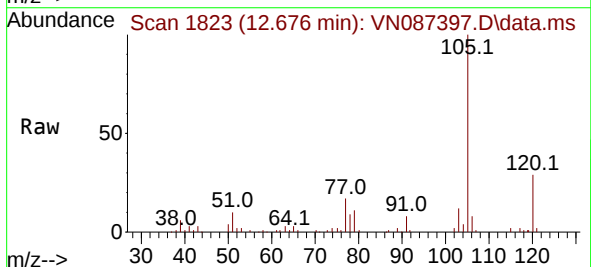
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

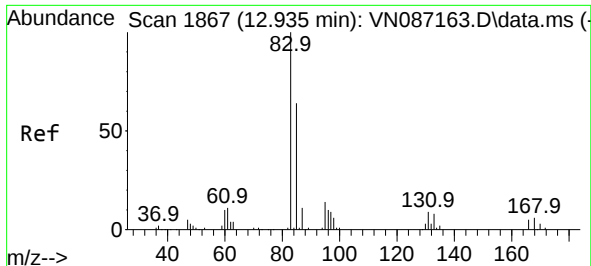
Tgt Ion:104 Resp: 82455
Ion Ratio Lower Upper
104 100
78 51.6 39.8 59.8
103 56.6 44.2 66.4



#70
Isopropylbenzene
Concen: 17.765 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion:105 Resp: 118676
Ion Ratio Lower Upper
105 100
120 28.1 19.0 35.2

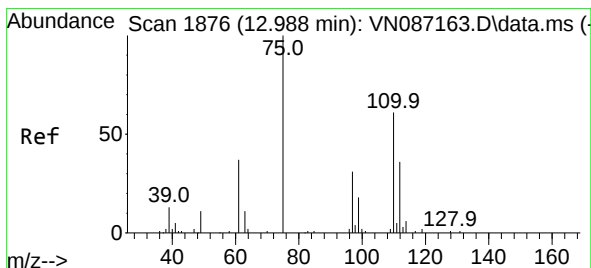
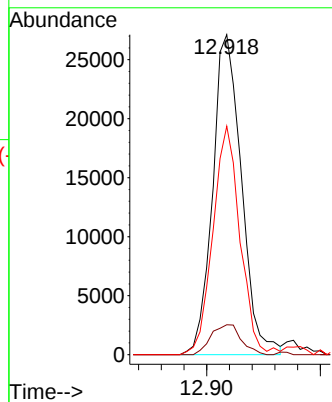
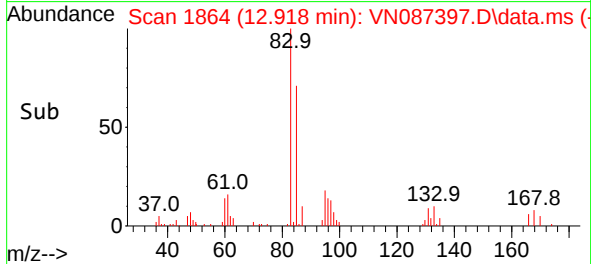
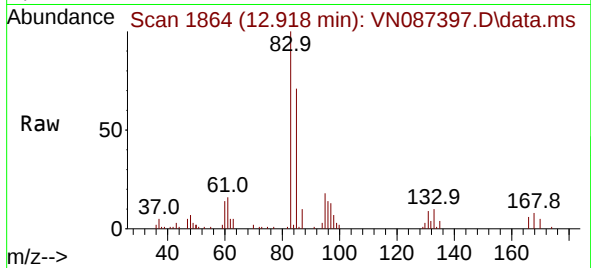




#71
1,1,2,2-Tetrachloroethane
Concen: 19.875 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

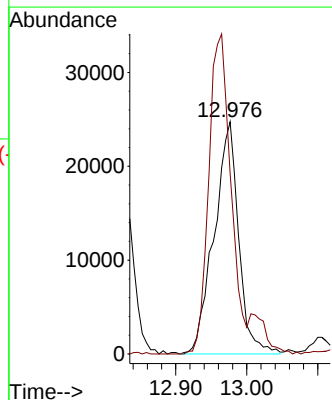
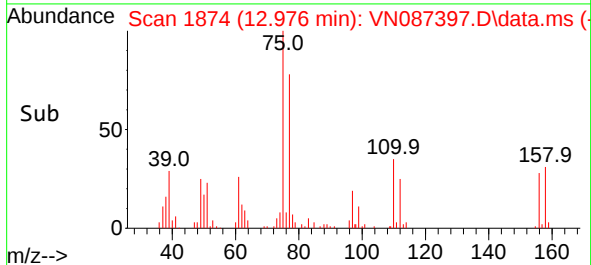
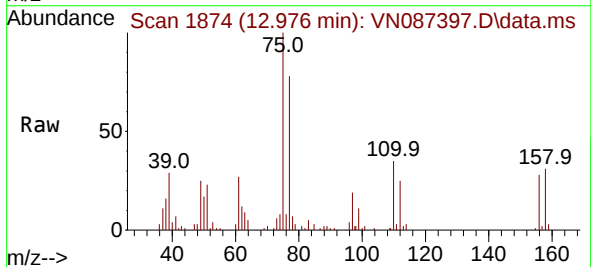
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

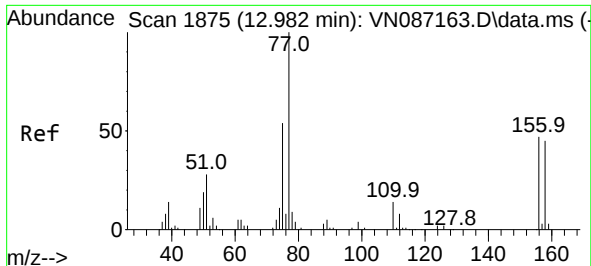
Tgt Ion: 83 Resp: 47792
Ion Ratio Lower Upper
83 100
131 9.8 4.5 13.4
85 66.6 31.3 93.9



#72
1,2,3-Trichloropropane
Concen: 28.591 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.012 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 75 Resp: 59287
Ion Ratio Lower Upper
75 100
77 123.8 0.0 379.2

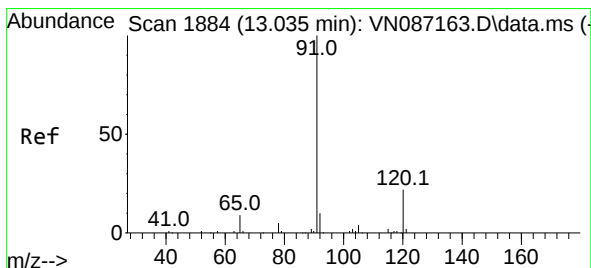
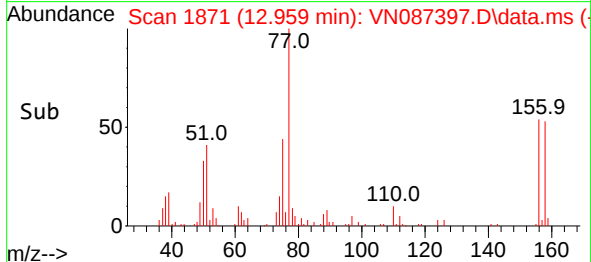
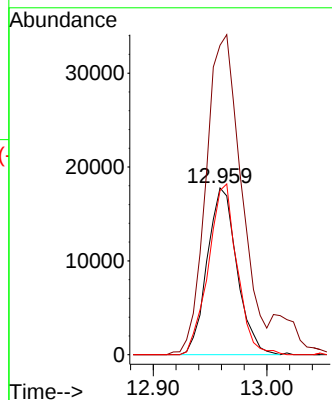
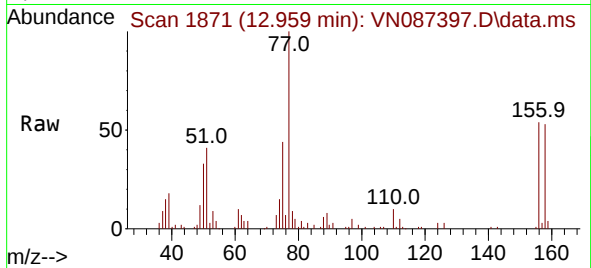




#73
Bromobenzene
Concen: 19.947 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.023 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

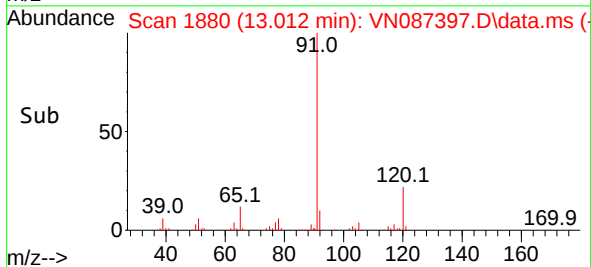
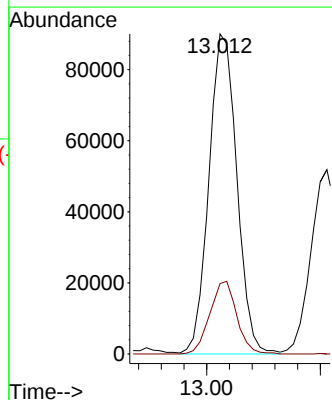
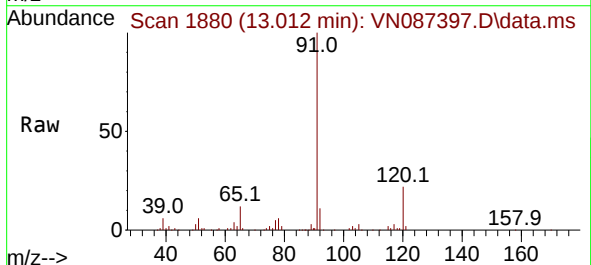
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

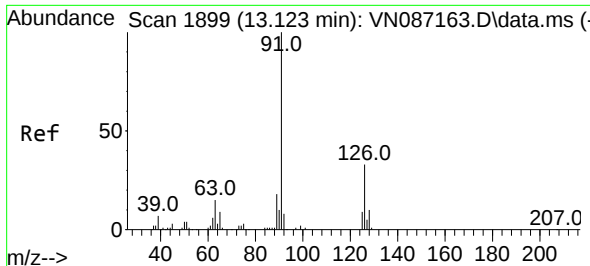
Tgt Ion:156 Resp: 32325
Ion Ratio Lower Upper
156 100
77 227.1 0.0 489.0
158 98.5 0.0 195.2



#74
n-propylbenzene
Concen: 18.882 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.023 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 91 Resp: 154101
Ion Ratio Lower Upper
91 100
120 21.8 0.0 43.6

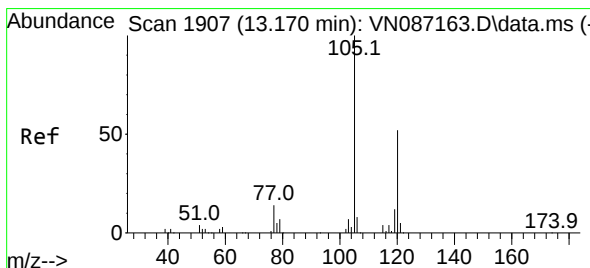
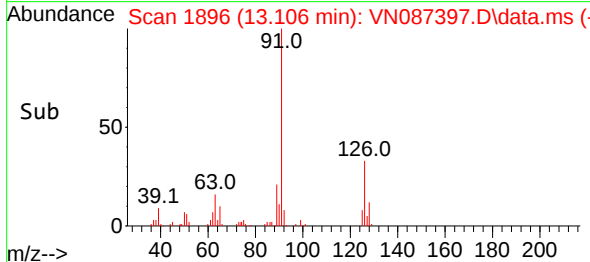
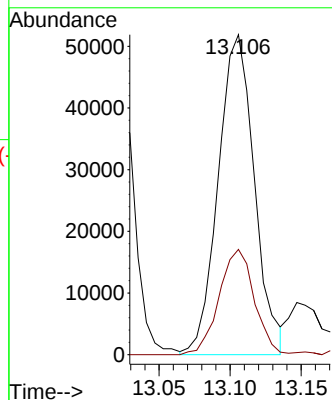
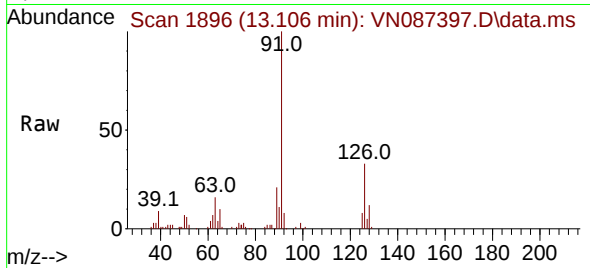




#75
2-Chlorotoluene
Concen: 18.630 ug/l
RT: 13.106 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

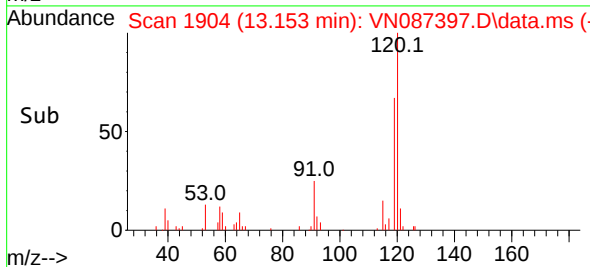
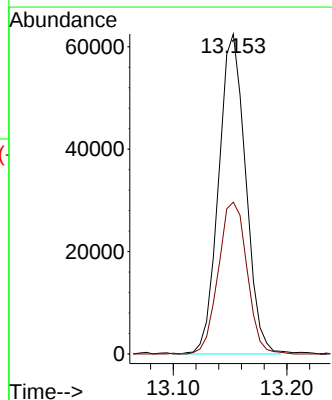
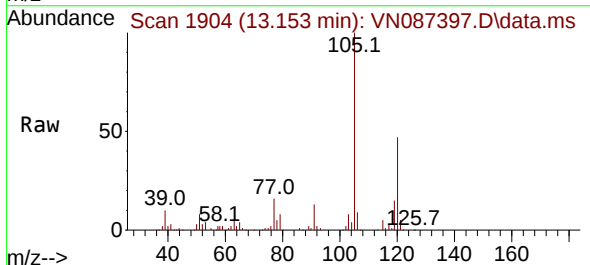
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

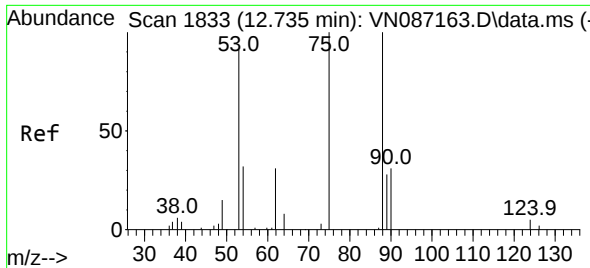
Tgt Ion: 91 Resp: 91861
Ion Ratio Lower Upper
91 100
126 32.0 0.0 63.8



#76
1,3,5-Trimethylbenzene
Concen: 18.969 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion:105 Resp: 103162
Ion Ratio Lower Upper
105 100
120 50.3 0.0 100.8

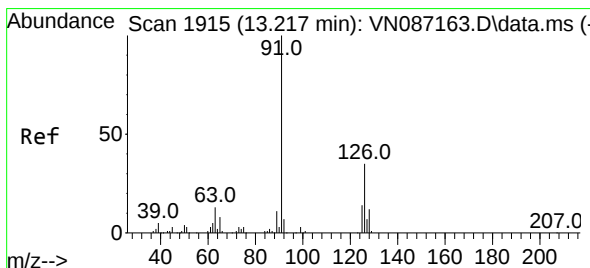
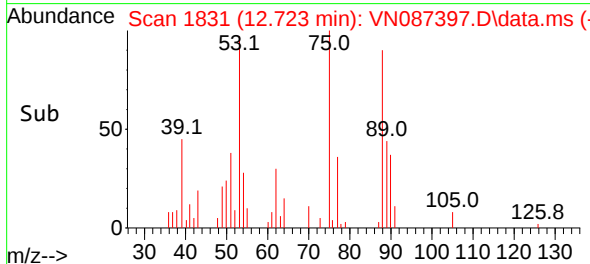
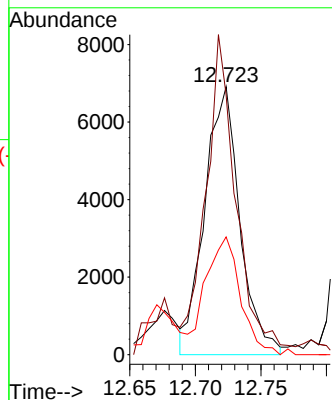
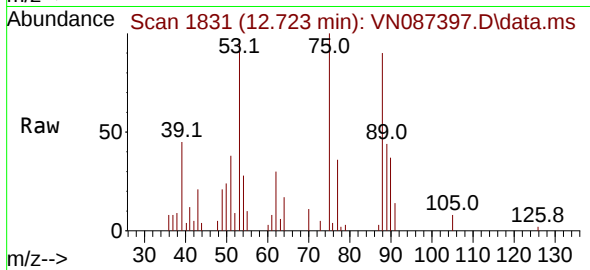




#77
t-1,4-Dichloro-2-butene
Concen: 14.015 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. -0.012 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

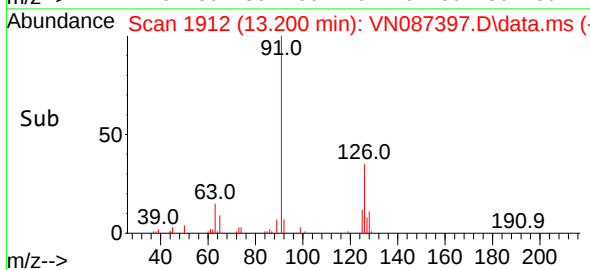
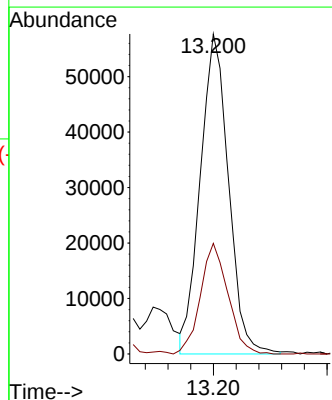
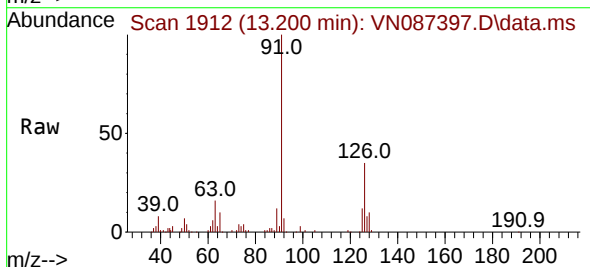
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

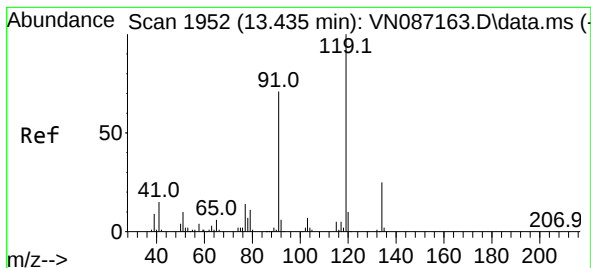
Tgt Ion:	75	Resp:	12891
Ion	Ratio	Lower	Upper
75	100		
53	95.9	45.9	137.6
89	45.2	22.3	66.9



#78
4-Chlorotoluene
Concen: 19.709 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion:	91	Resp:	99532
Ion	Ratio	Lower	Upper
91	100		
126	33.7	0.0	65.2





#79

tert-butylbenzene

Concen: 18.934 ug/l

RT: 13.418 min Scan# 1949

Delta R.T. -0.018 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

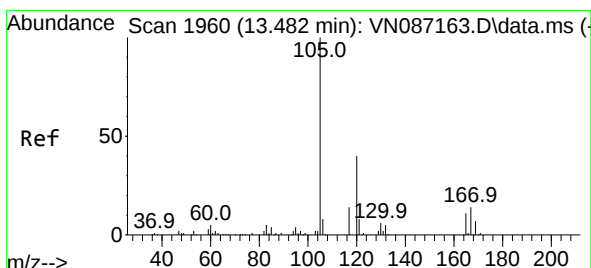
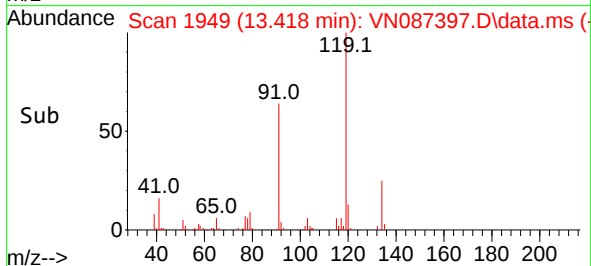
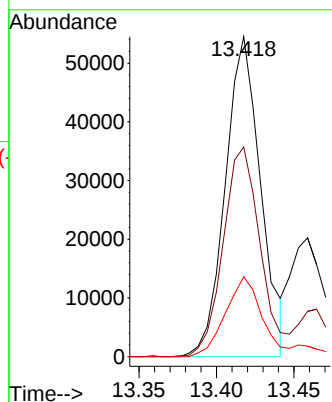
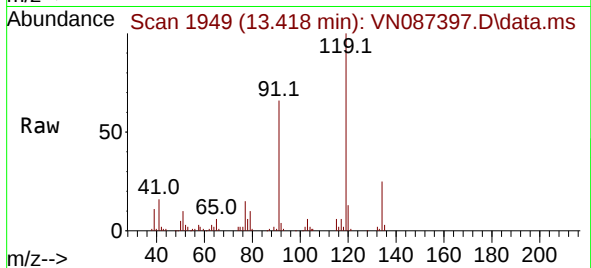
Tgt Ion:119 Resp: 86556

Ion Ratio Lower Upper

119 100

91 69.1 0.0 137.0

134 25.6 0.0 49.4



#80

1,2,4-Trimethylbenzene

Concen: 19.346 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.023 min

Lab File: VN087397.D

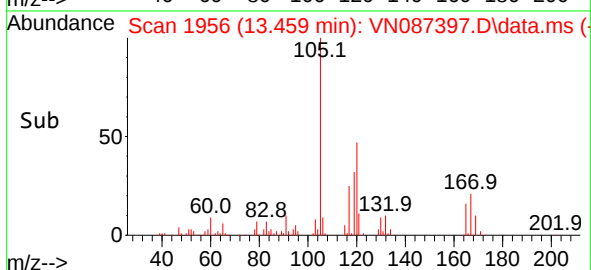
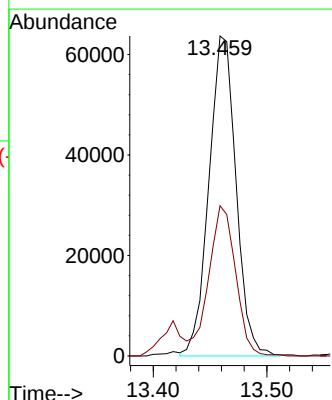
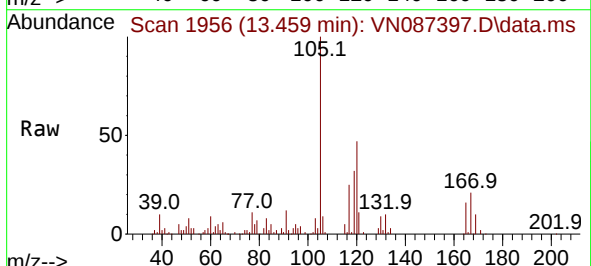
Acq: 22 Jul 2025 18:11

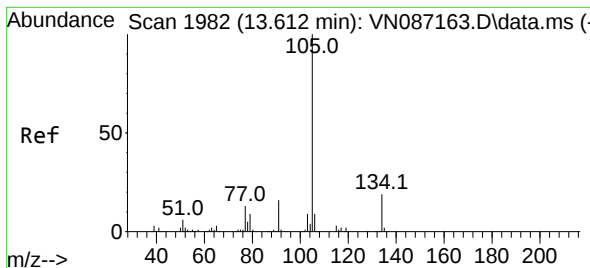
Tgt Ion:105 Resp: 105651

Ion Ratio Lower Upper

105 100

120 46.5 0.0 94.0





#81

sec-Butylbenzene

Concen: 19.018 ug/l

RT: 13.594 min Scan# 1982

Delta R.T. -0.018 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

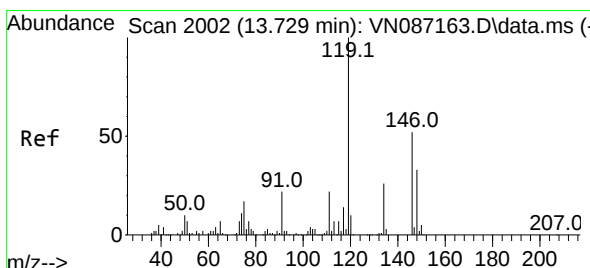
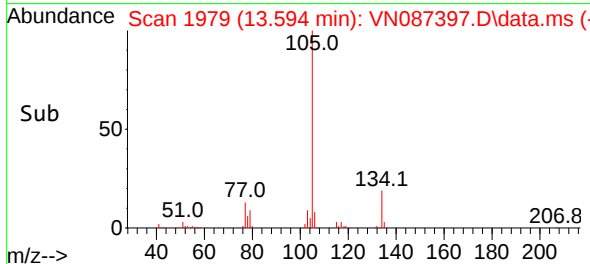
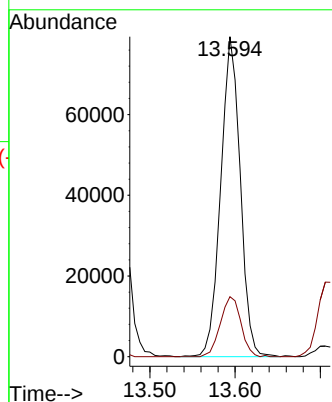
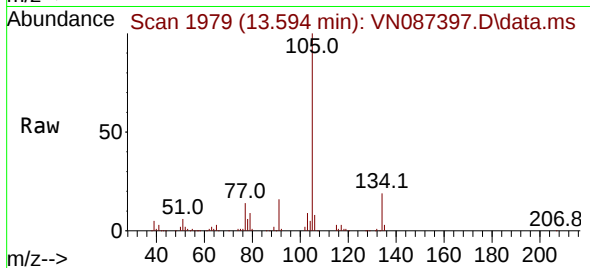
VSTDCCC020EC

Tgt Ion:105 Resp: 126386

Ion Ratio Lower Upper

105 100

134 19.7 0.0 39.4



#82

p-Isopropyltoluene

Concen: 18.899 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.023 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

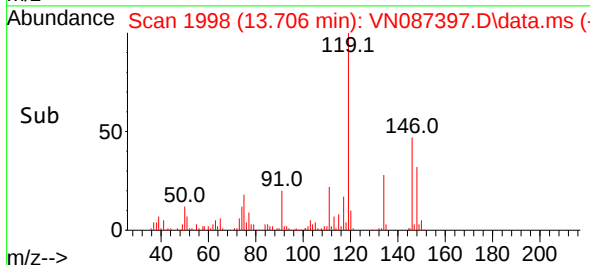
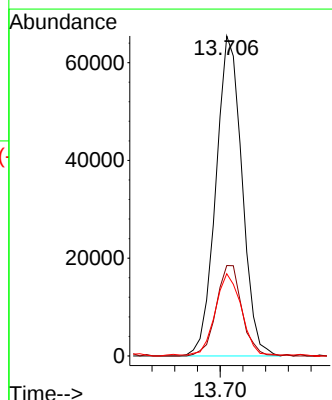
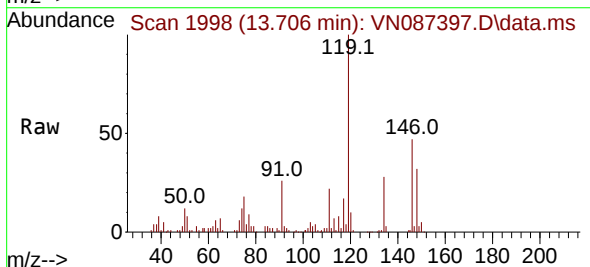
Tgt Ion:119 Resp: 104516

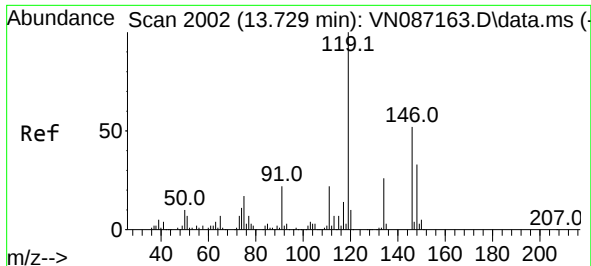
Ion Ratio Lower Upper

119 100

134 27.7 0.0 51.2

91 25.8 0.0 46.4

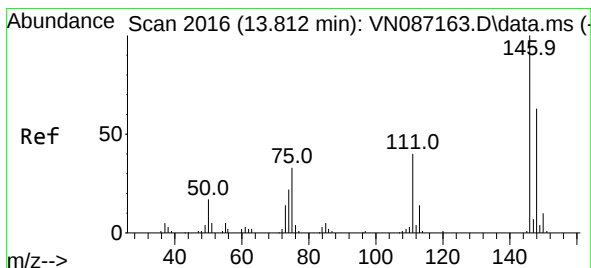
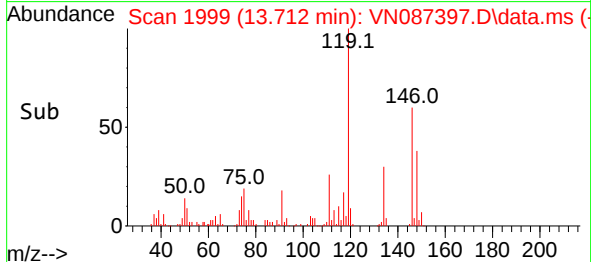
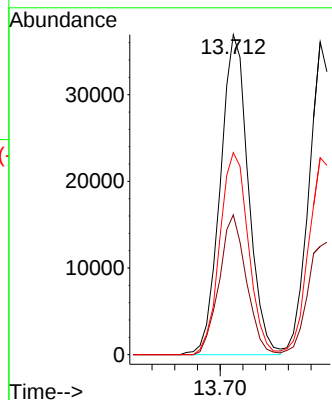
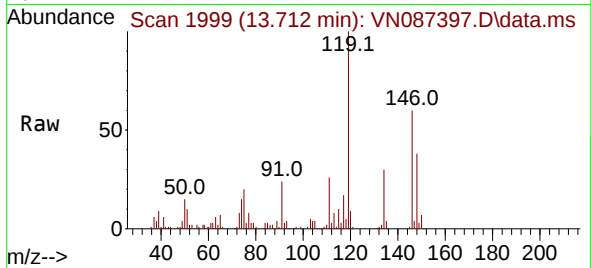




#83
1,3-Dichlorobenzene
Concen: 20.327 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

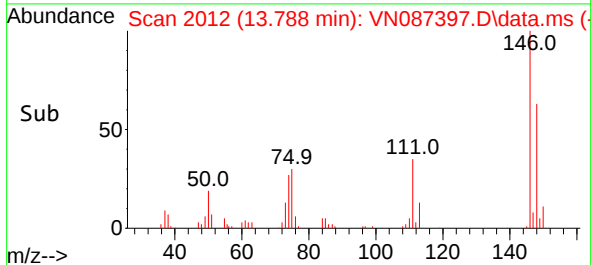
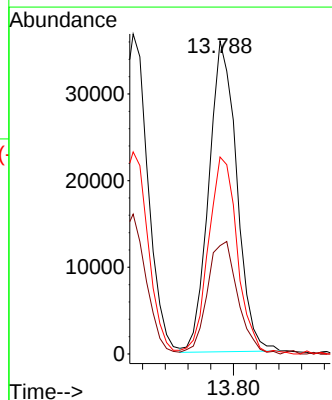
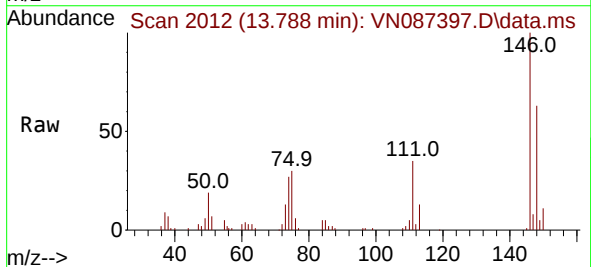
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

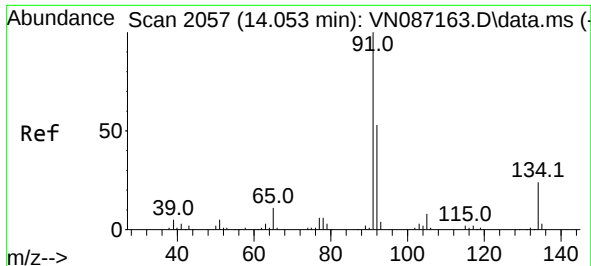
Tgt Ion:146 Resp: 63431
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 64.1 31.6 94.8



#84
1,4-Dichlorobenzene
Concen: 19.518 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.023 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion:146 Resp: 61300
Ion Ratio Lower Upper
146 100
111 39.4 20.1 60.2
148 65.6 31.4 94.2

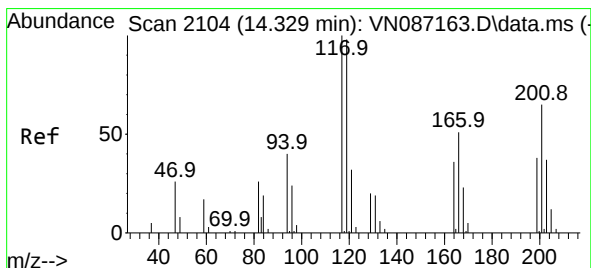
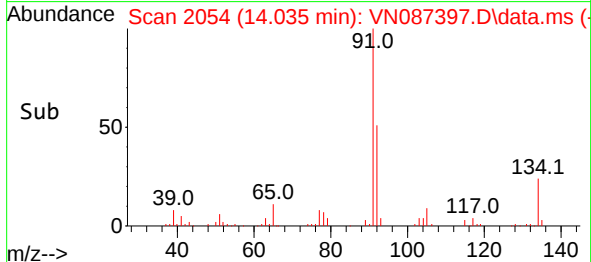
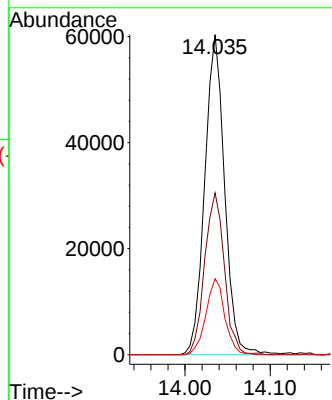
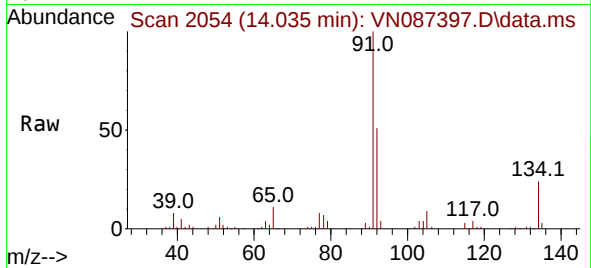




#85
n-Butylbenzene
Concen: 19.357 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

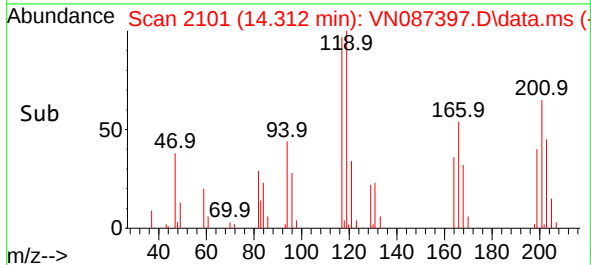
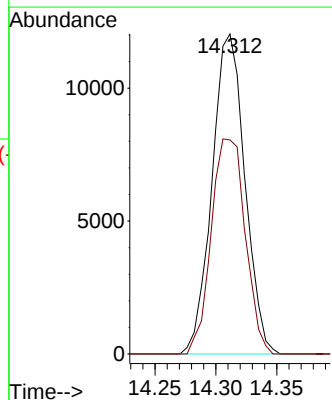
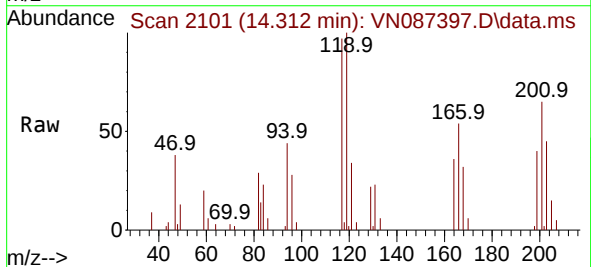
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

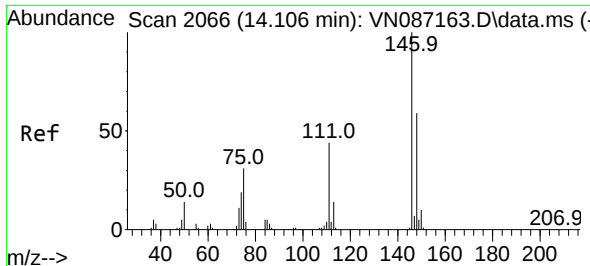
Tgt Ion: 91	Resp: 97670
Ion Ratio	Lower Upper
91 100	
92 49.9	0.0 106.4
134 22.6	0.0 48.8



#86
Hexachloroethane
Concen: 21.577 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 117	Resp: 22588
Ion Ratio	Lower Upper
117 100	
201 69.5	30.8 92.3

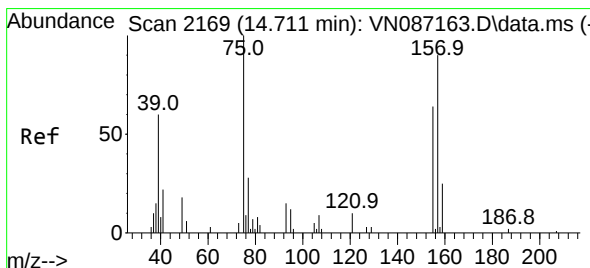
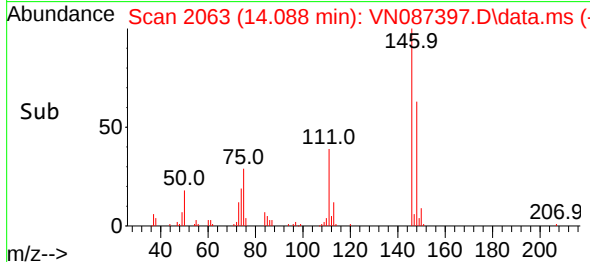
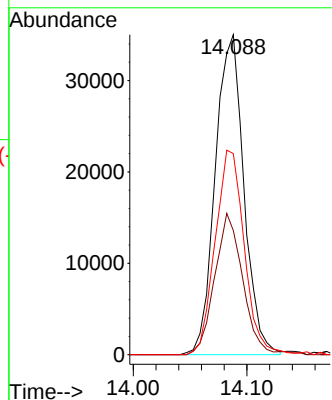
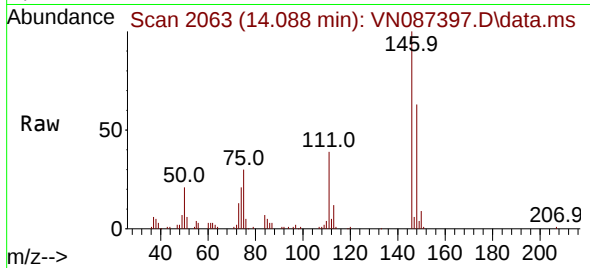




#87
1,2-Dichlorobenzene
Concen: 20.830 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

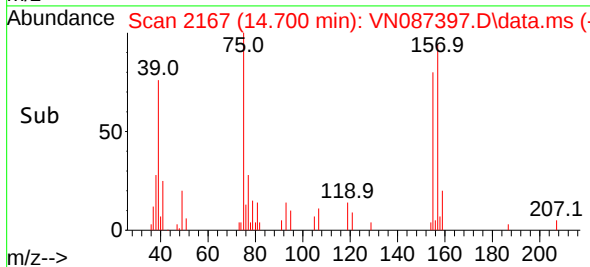
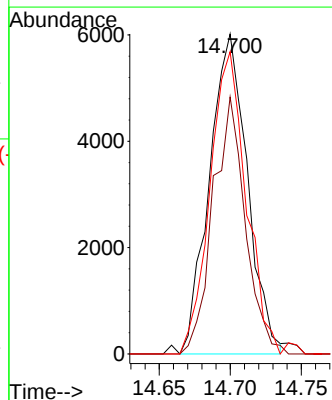
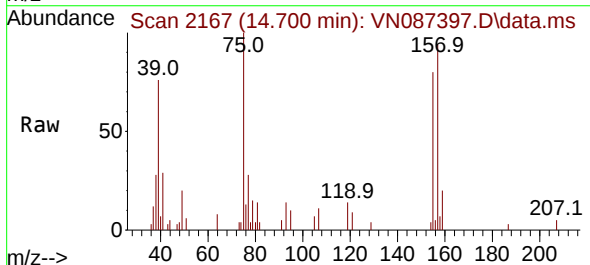
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

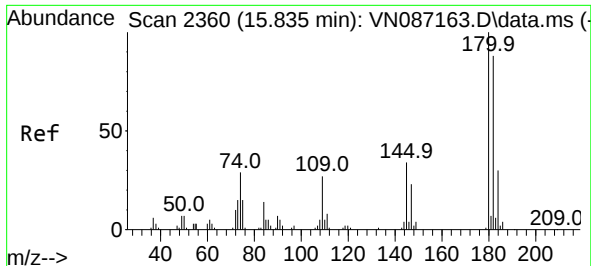
Tgt Ion:146 Resp: 61289
Ion Ratio Lower Upper
146 100
111 42.8 22.1 66.1
148 64.9 31.6 95.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.643 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.012 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion: 75 Resp: 11177
Ion Ratio Lower Upper
75 100
155 68.4 58.3 87.5
157 90.0 79.2 118.8

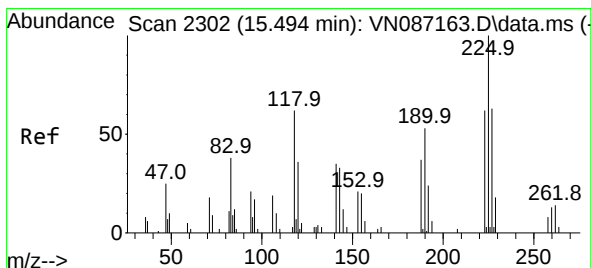
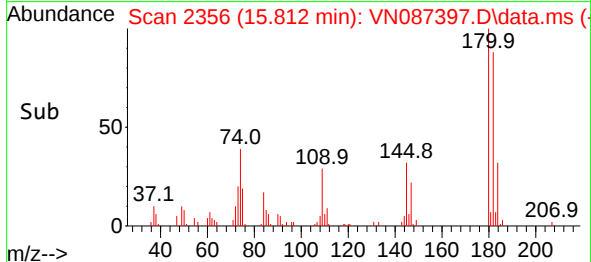
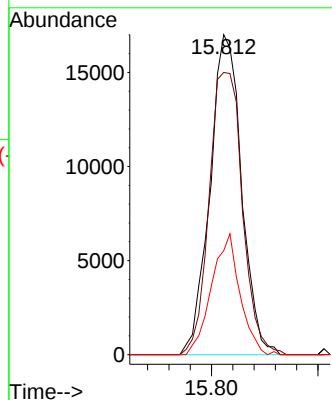
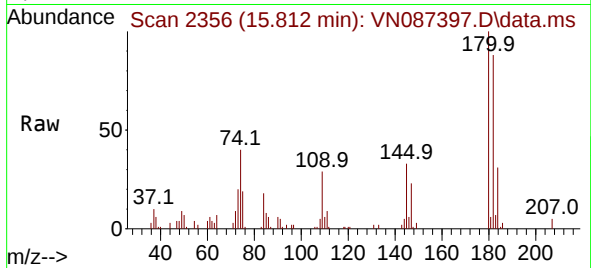




#89
1,2,4-Trichlorobenzene
Concen: 21.041 ug/l
RT: 15.812 min Scan# 21
Delta R.T. -0.023 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

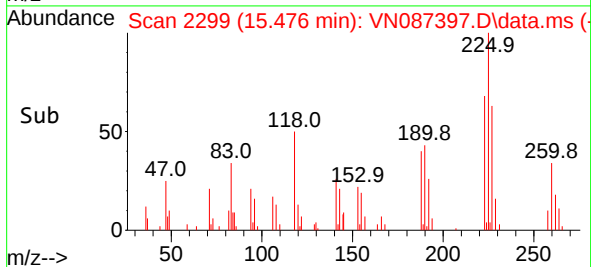
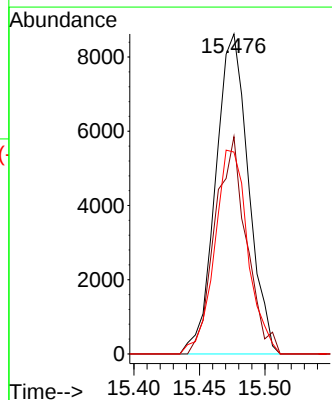
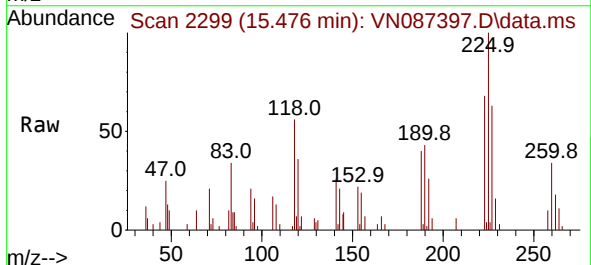
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

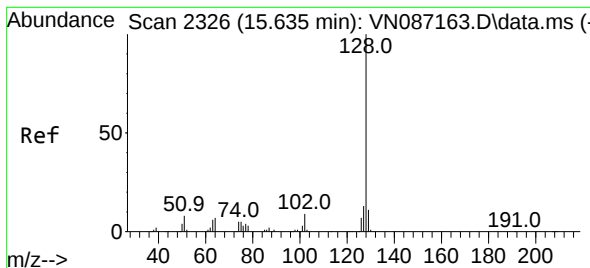
Tgt Ion:180 Resp: 35027
Ion Ratio Lower Upper
180 100
182 92.9 74.2 111.2
145 33.8 27.6 41.4



#90
Hexachlorobutadiene
Concen: 30.409 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.018 min
Lab File: VN087397.D
Acq: 22 Jul 2025 18:11

Tgt Ion:225 Resp: 15022
Ion Ratio Lower Upper
225 100
223 65.1 0.0 134.2
227 64.5 0.0 122.6





#91

Naphthalene

Concen: 17.121 ug/l

RT: 15.617 min Scan# 21

Delta R.T. -0.018 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

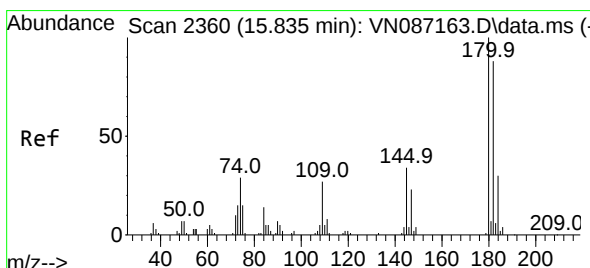
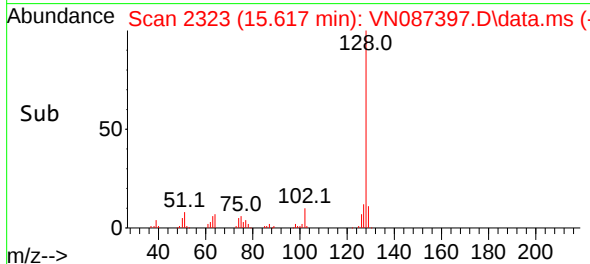
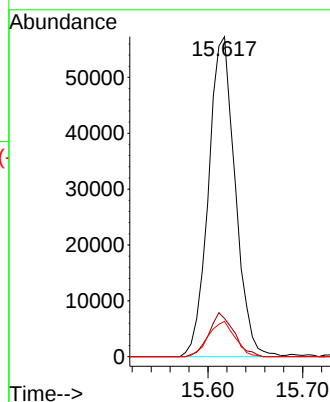
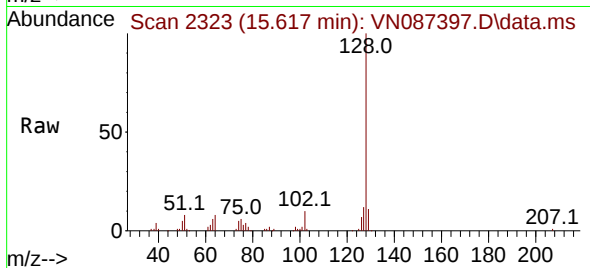
Tgt Ion:128 Resp: 112171

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 11.0 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 21.041 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. -0.023 min

Lab File: VN087397.D

Acq: 22 Jul 2025 18:11

Tgt Ion:180 Resp: 35027

Ion Ratio Lower Upper

180 100

182 92.9 0.0 185.4

145 33.8 0.0 69.0

