

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
 Data File : VN087615.D
 Acq On : 21 Aug 2025 10:04
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Aug 22 03:11:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	50734	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	263414	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	242356	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	135165	28.885	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.267%
60) 4-Bromofluorobenzene	12.829	95	120572	28.909	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.367%
63) Toluene-d8	10.547	98	340510	30.535	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	59884	18.079	ug/l	99
3) Chloromethane	2.383	50	63049	18.552	ug/l	100
4) Vinyl Chloride	2.542	62	69134	19.180	ug/l	91
5) Bromomethane	2.983	94	29399	15.068	ug/l	80
6) Chloroethane	3.142	64	48299	20.780	ug/l	97
7) Trichlorofluoromethane	3.512	101	104849	20.212	ug/l	96
8) Diethyl Ether	3.959	74	42842	19.823	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	57791	21.846	ug/l	89
10) 1,1-Dichloroethene	4.342	96	55673	20.036	ug/l	90
11) Methyl Iodide	4.583	142	22401	10.239	ug/l	87
12) Methyl Acetate	5.024	43	107421	20.949	ug/l	98
13) Acrolein	4.171	56	119699	152.839	ug/l	97
14) Acrylonitrile	5.706	53	206957	92.430	ug/l	99
15) Acetone	4.424	58	66192	103.464	ug/l	91
16) Carbon Disulfide	4.700	76	147634	17.128	ug/l	98
17) Allyl chloride	5.012	41	96274	16.999	ug/l	96
18) Methylene Chloride	5.265	84	69386	19.397	ug/l	96
19) trans-1,2-Dichloroethene	5.777	96	61449	18.597	ug/l	94
20) Diisopropyl ether	6.659	45	236387	18.322	ug/l	99
21) 1,1-Dichloroethane	6.547	63	126506	18.969	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	75063	18.463	ug/l	95
23) tert-Butyl Alcohol	5.524	59	78590	82.601	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	222295	17.557	ug/l	98
25) Chloroform	7.947	83	132250	18.997	ug/l	90
26) Cyclohexane	8.235	56	94285	17.657	ug/l #	98
29) 1,1-Dichloropropene	8.347	75	82433	19.187	ug/l	98
30) 2-Butanone	7.465	43	304532	96.162	ug/l	99
31) 2,2-Dichloropropane	7.471	77	105319	19.007	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	109342	19.955	ug/l	96
33) Carbon Tetrachloride	8.347	117	90996	19.990	ug/l	98
34) Benzene	8.588	78	264087	19.472	ug/l	97
35) Methacrylonitrile	7.759	41	65264	19.097	ug/l	94
36) 1,2-Dichloroethane	8.653	62	109209	19.923	ug/l	99
37) Trichloroethene	9.335	130	59581	19.944	ug/l	90
38) Methylcyclohexane	9.576	83	89193	17.895	ug/l	98
39) 1,2-Dichloropropane	9.600	63	70802	20.362	ug/l	99
40) Dibromomethane	9.688	93	51656	19.800	ug/l	95
41) Bromodichloromethane	9.871	83	106847	19.709	ug/l	94
42) Vinyl Acetate	6.594	43	1065640	102.180	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	126978	20.755	ug/l #	92
44) Isopropyl Acetate	8.677	43	189797	18.301	ug/l	98
45) 1,4-Dioxane	9.677	88	26839	405.956	ug/l #	91
46) Methyl methacrylate	9.665	41	90975	18.584	ug/l	96
47) n-amyl Acetate	12.535	43	14344	2.504	ug/l #	32
48) t-1,3-Dichloropropene	10.818	75	106623	18.078	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	111941	18.859	ug/l	96
50) 1,1,2-Trichloroethane	10.994	97	67637	20.519	ug/l	97
51) Ethyl methacrylate	10.853	69	103580	17.843	ug/l	97
52) 1,3-Dichloropropane	11.147	76	118245	19.911	ug/l	98
53) Dibromochloromethane	11.335	129	74249	19.504	ug/l	100
54) 1,2-Dibromoethane	11.447	107	69686	19.915	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	356467	116.642	ug/l	100
56) Bromoform	12.559	173	46748	18.566	ug/l #	96
58) 4-Methyl-2-Pentanone	10.424	43	607015	97.363	ug/l	100
59) 2-Hexanone	11.176	43	388170	91.634	ug/l	99
61) Tetrachloroethene	11.082	164	47810	20.249	ug/l	95
62) Toluene	10.612	91	286320	19.141	ug/l	100
64) Chlorobenzene	11.870	112	178569	19.428	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	61655	19.079	ug/l	97
66) Ethyl Benzene	11.941	91	315670	18.934	ug/l	96
67) m/p-Xylenes	12.047	106	230551	37.673	ug/l	100
68) o-Xylene	12.376	106	111959	18.596	ug/l	99
69) Styrene	12.394	104	191104	18.590	ug/l	98
70) Isopropylbenzene	12.676	105	293048	19.159	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.917	83	108471	20.697	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	129465	26.517	ug/l	55
73) Bromobenzene	12.965	156	68724	19.381	ug/l	93
74) n-propylbenzene	13.012	91	373471	19.551	ug/l	99
75) 2-Chlorotoluene	13.100	91	218349	18.582	ug/l	97
76) 1,3,5-Trimethylbenzene	13.147	105	250823	19.152	ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	29699	16.069	ug/l	99
78) 4-Chlorotoluene	13.200	91	227280	19.086	ug/l	99
79) tert-butylbenzene	13.417	119	207837	18.822	ug/l	100
80) 1,2,4-Trimethylbenzene	13.459	105	246837	18.862	ug/l	97
81) sec-Butylbenzene	13.594	105	314280	19.551	ug/l	100
82) p-Isopropyltoluene	13.706	119	255242	19.124	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	139255	20.624	ug/l	97
84) 1,4-Dichlorobenzene	13.788	146	139621	20.396	ug/l	98
85) n-Butylbenzene	14.035	91	246221	18.855	ug/l	97
86) Hexachloroethane	14.311	117	48371	18.559	ug/l	97
87) 1,2-Dichlorobenzene	14.082	146	130977	20.321	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	24115	18.163	ug/l	94
89) 1,2,4-Trichlorobenzene	15.811	180	72831	18.908	ug/l	97
90) Hexachlorobutadiene	15.476	225	27734	18.516	ug/l	96
91) Naphthalene	15.617	128	266178	18.123	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	72831	18.908	ug/l	97

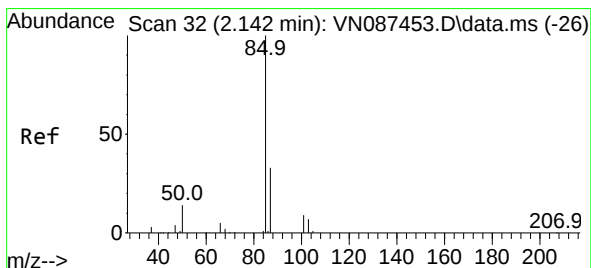
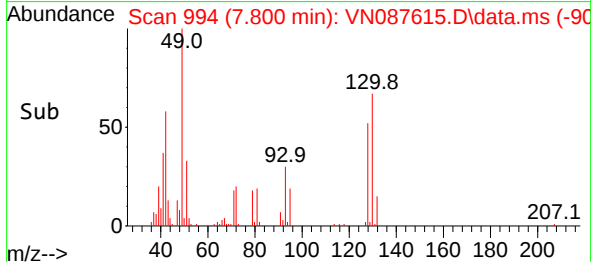
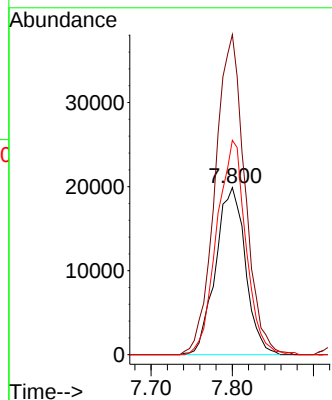
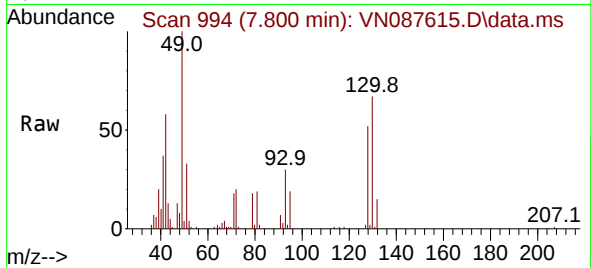
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

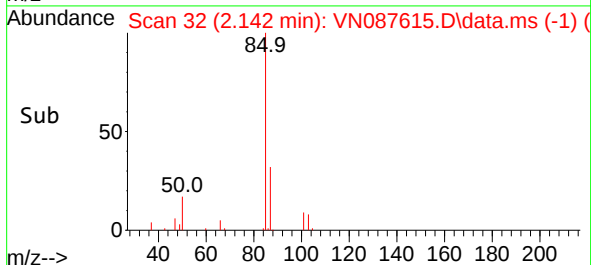
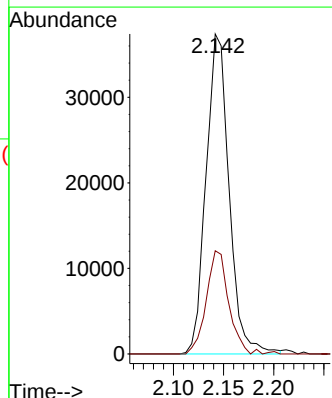
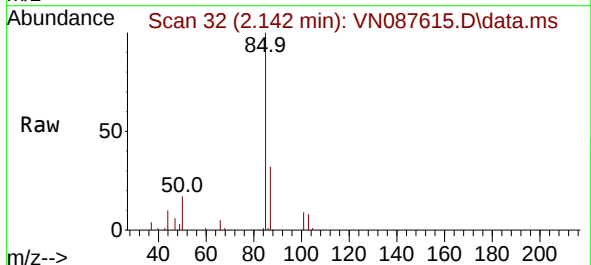
Instrument :
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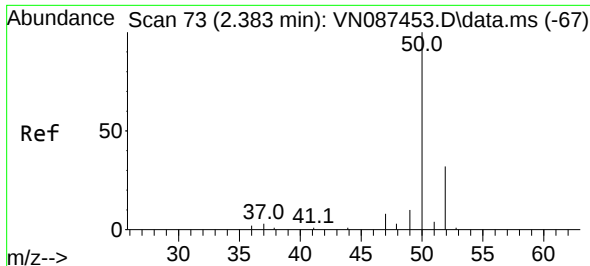
Tgt Ion:128 Resp: 50734
Ion Ratio Lower Upper
128 100
49 191.7 0.0 494.8
130 125.6 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 18.079 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 85 Resp: 59884
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.2

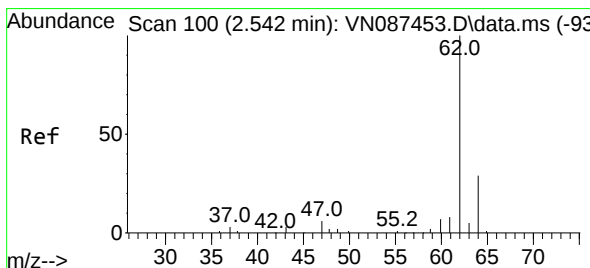
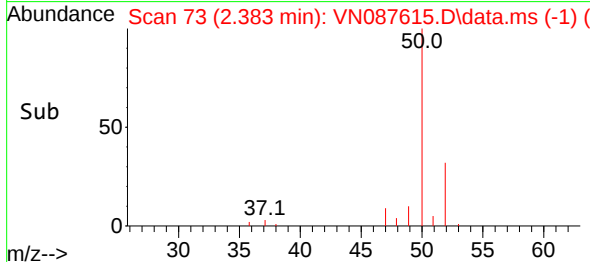
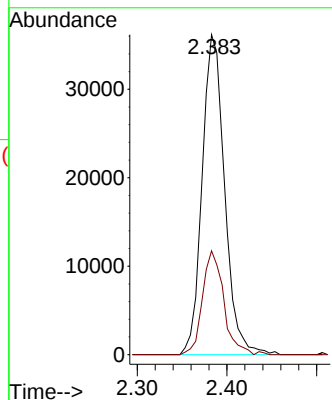
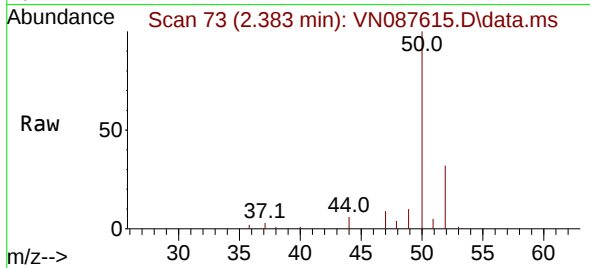




#3
Chloromethane
Concen: 18.552 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

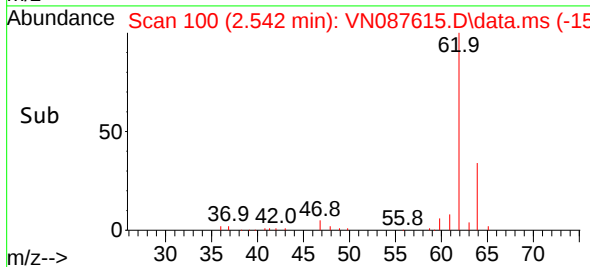
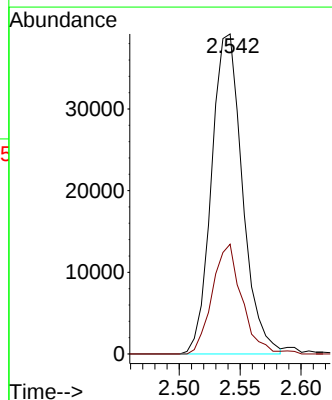
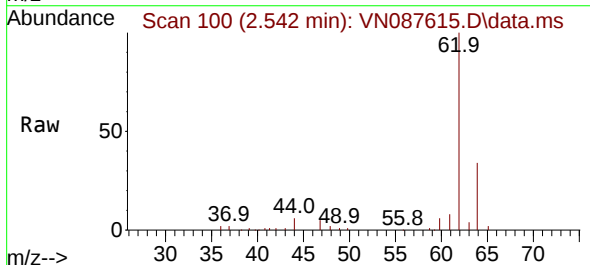
Instrument :
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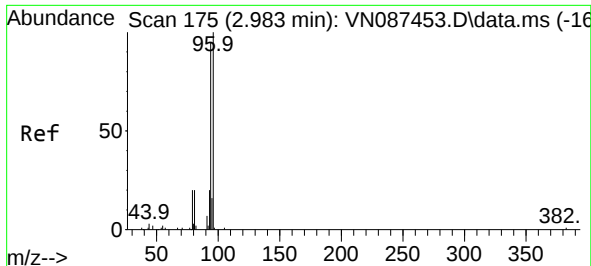
Tgt Ion: 50 Resp: 63049
Ion Ratio Lower Upper
50 100
52 32.5 25.8 38.6



#4
Vinyl Chloride
Concen: 19.180 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 62 Resp: 69134
Ion Ratio Lower Upper
62 100
64 34.3 23.4 35.2

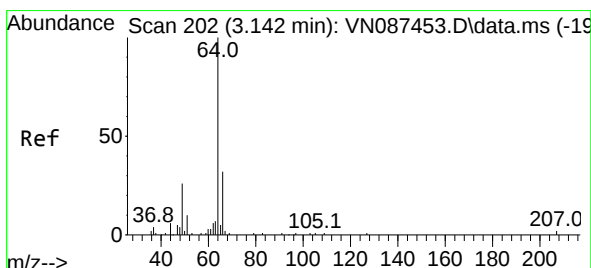
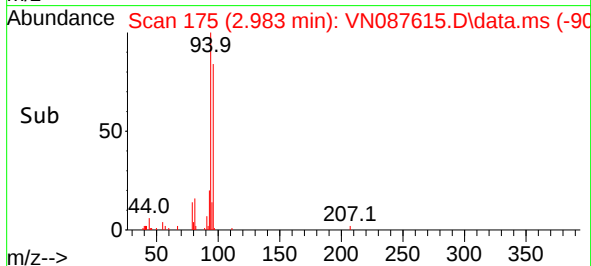
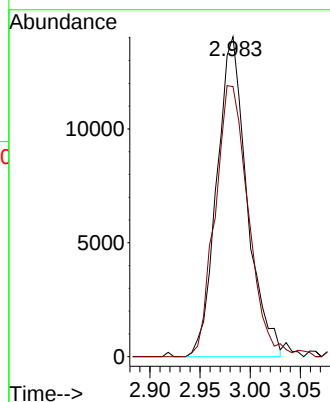
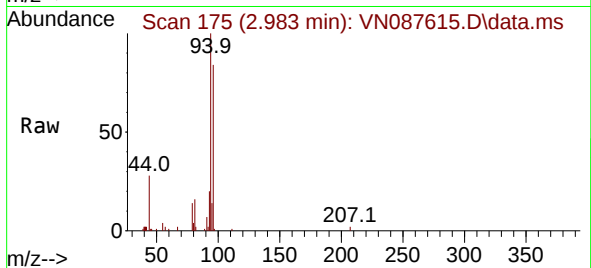




#5
Bromomethane
Concen: 15.068 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

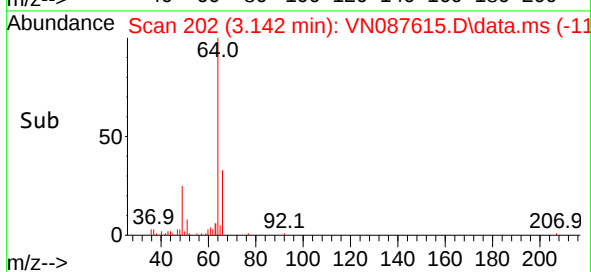
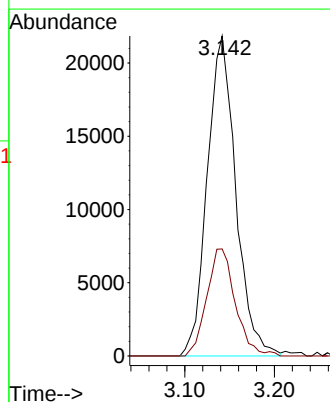
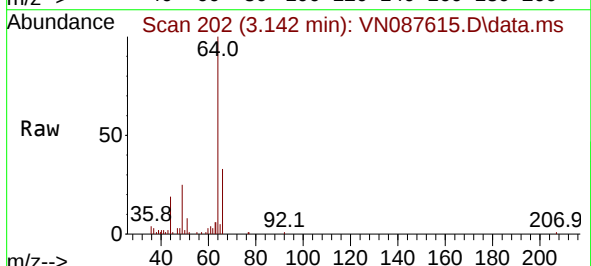
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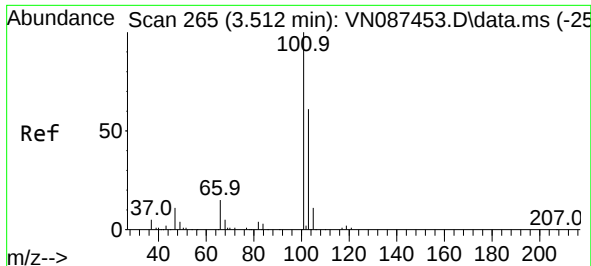
Tgt Ion: 94 Resp: 29399
Ion Ratio Lower Upper
94 100
96 84.4 84.2 126.4



#6
Chloroethane
Concen: 20.780 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 64 Resp: 48299
Ion Ratio Lower Upper
64 100
66 33.4 25.4 38.0

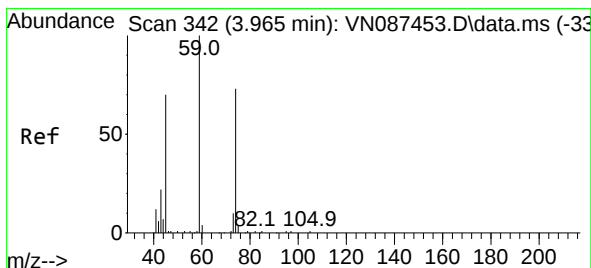
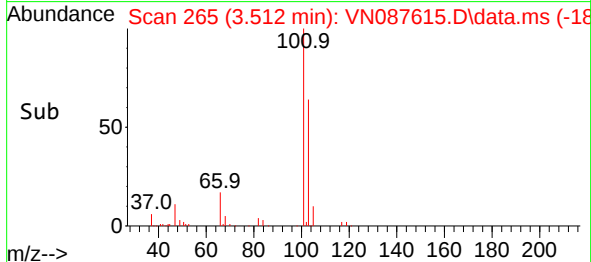
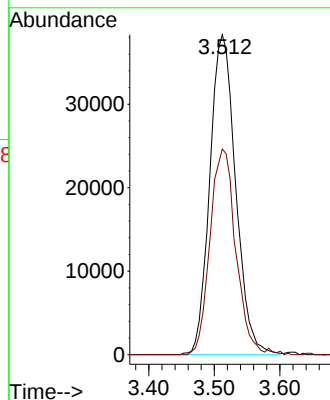
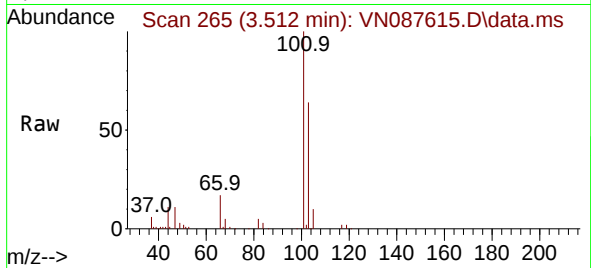




#7
 Trichlorofluoromethane
 Concen: 20.212 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087615.D
 Acq: 21 Aug 2025 10:04

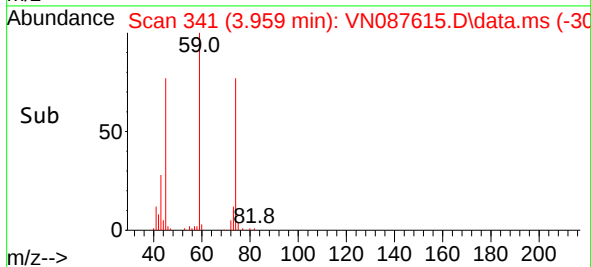
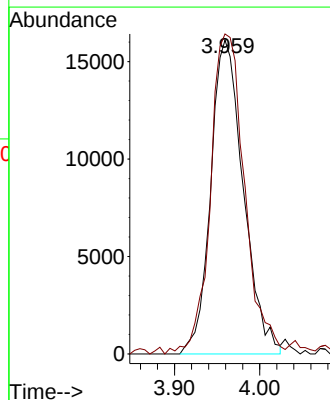
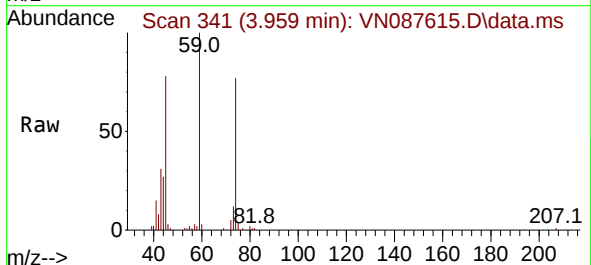
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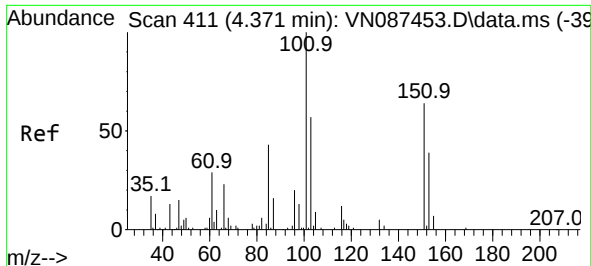
Tgt Ion:101 Resp: 104849
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.2 73.8



#8
 Diethyl Ether
 Concen: 19.823 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087615.D
 Acq: 21 Aug 2025 10:04

Tgt Ion: 74 Resp: 42842
 Ion Ratio Lower Upper
 74 100
 45 106.4 20.1 180.9

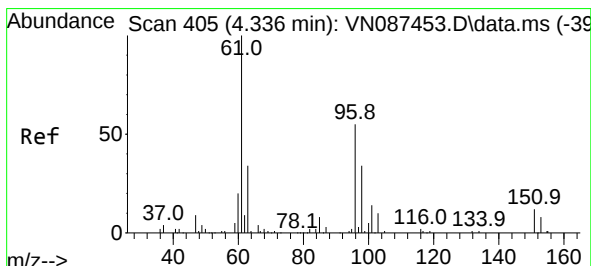
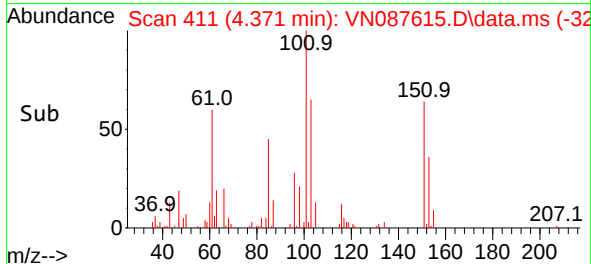
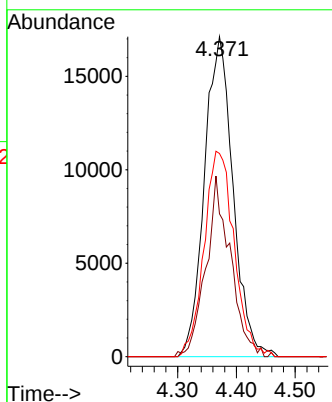
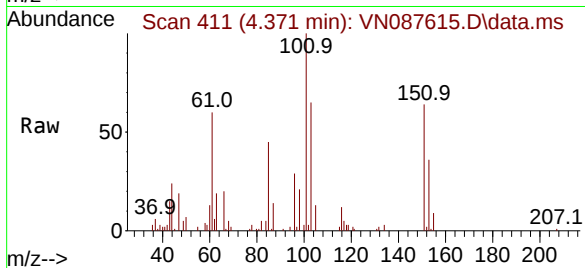




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.846 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

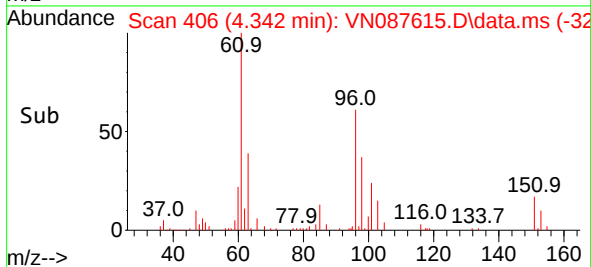
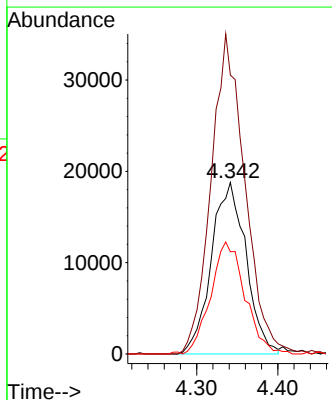
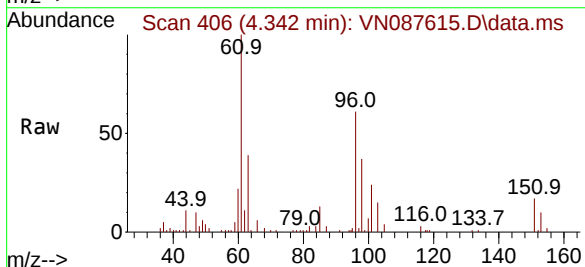
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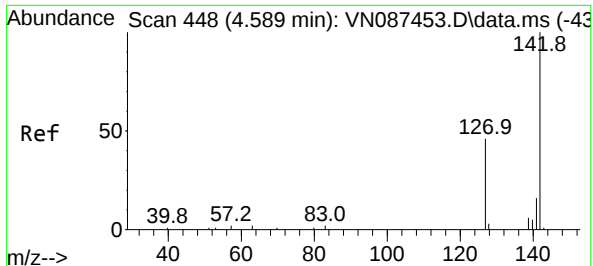
Tgt Ion:101 Resp: 57791
Ion Ratio Lower Upper
101 100
85 48.0 0.0 57.0
151 67.0 0.0 134.2



#10
1,1-Dichloroethene
Concen: 20.036 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 96 Resp: 55673
Ion Ratio Lower Upper
96 100
61 162.6 144.2 216.4
98 58.5 49.7 74.5

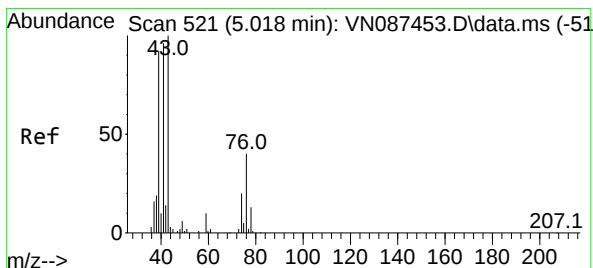
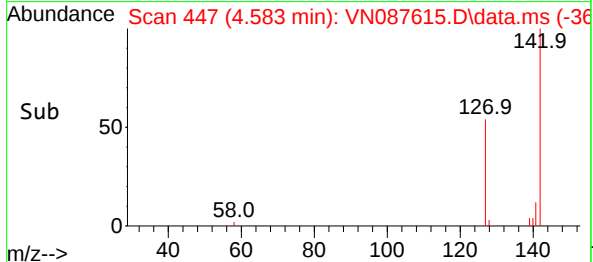
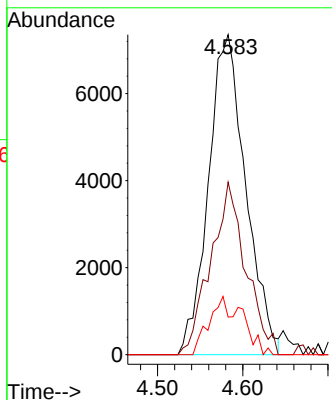
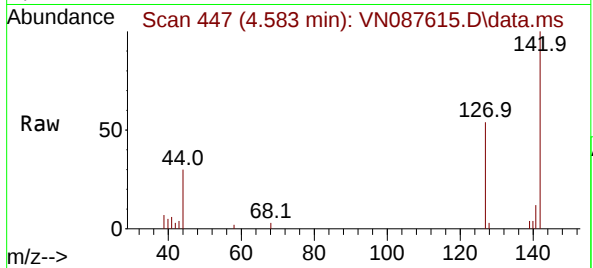




#11
Methyl Iodide
Concen: 10.239 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

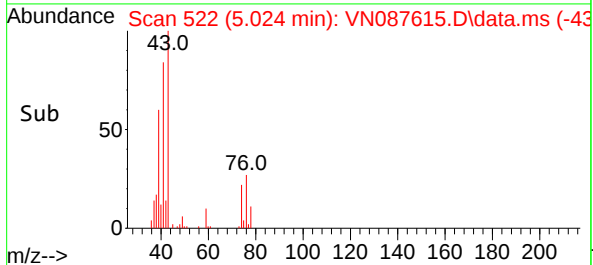
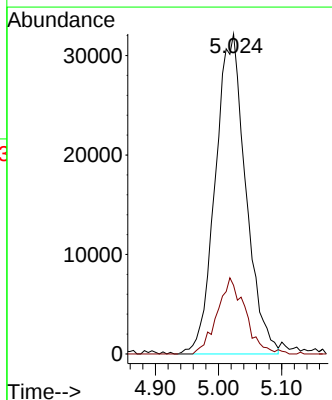
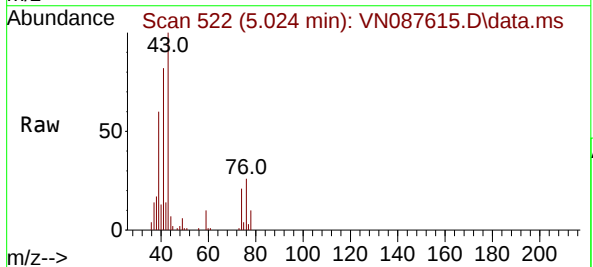
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

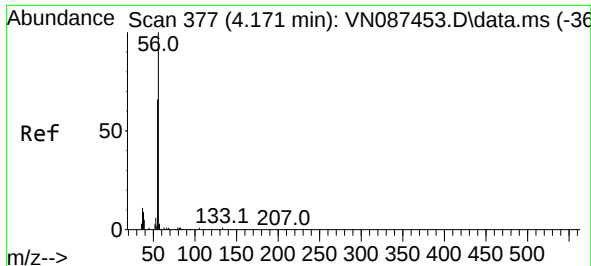
Tgt Ion:142 Resp: 22401
Ion Ratio Lower Upper
142 100
127 55.3 22.9 68.7
141 12.0 7.7 23.1



#12
Methyl Acetate
Concen: 20.949 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 43 Resp: 107421
Ion Ratio Lower Upper
43 100
74 21.0 16.0 24.0





#13

Acrolein

Concen: 152.839 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

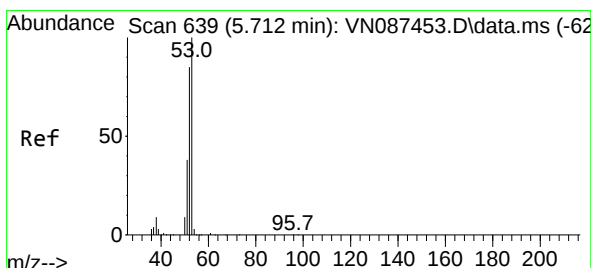
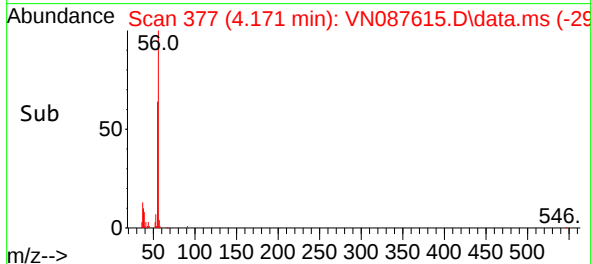
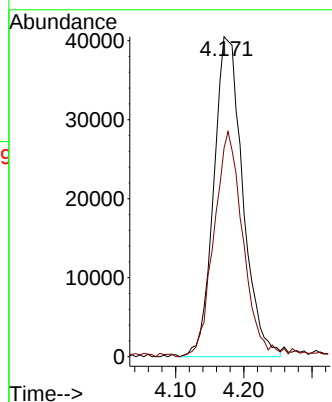
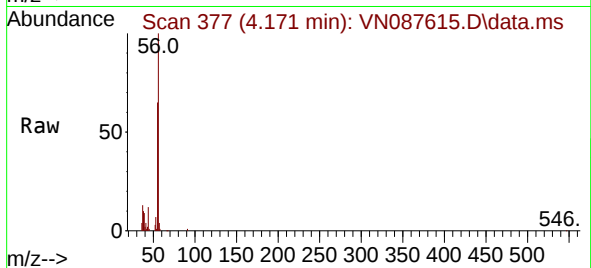
VSTDCCC020

Tgt Ion: 56 Resp: 119699

Ion Ratio Lower Upper

56 100

55 69.4 57.4 86.0



#14

Acrylonitrile

Concen: 92.430 ug/l

RT: 5.706 min Scan# 638

Delta R.T. -0.006 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

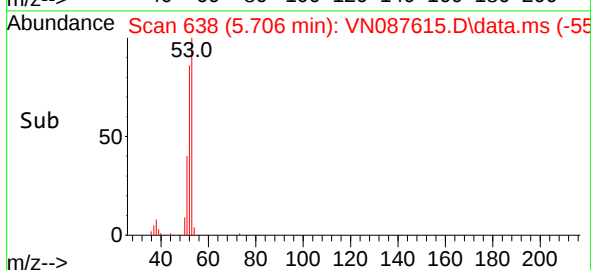
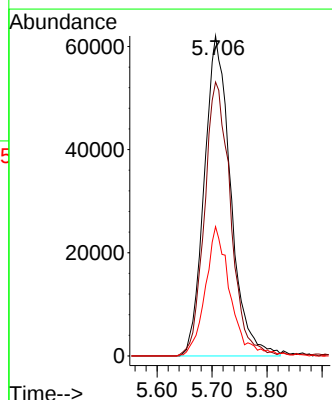
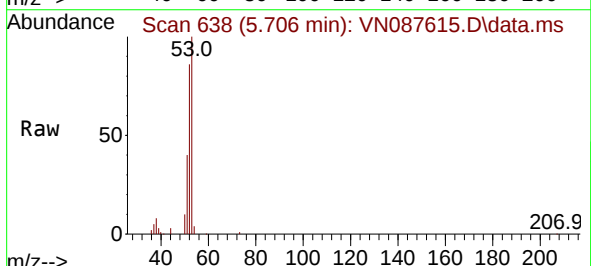
Tgt Ion: 53 Resp: 206957

Ion Ratio Lower Upper

53 100

52 84.0 42.4 127.2

51 35.9 18.5 55.5

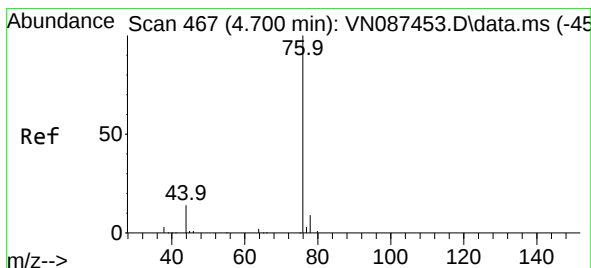
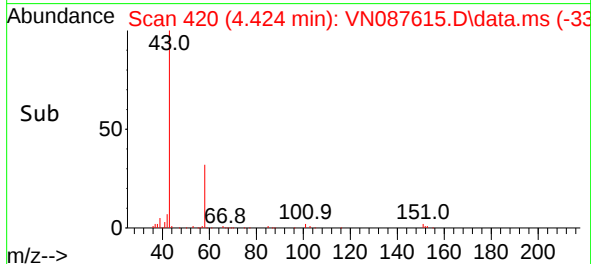
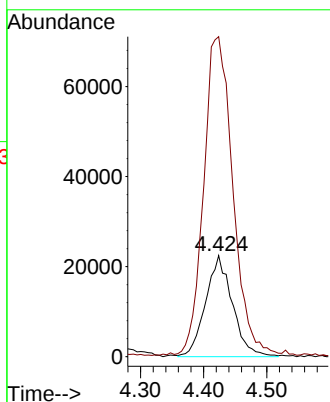
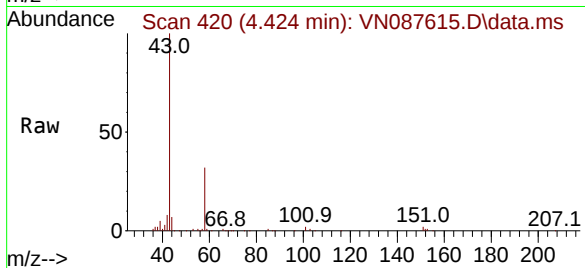




#15
Acetone
Concen: 103.464 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

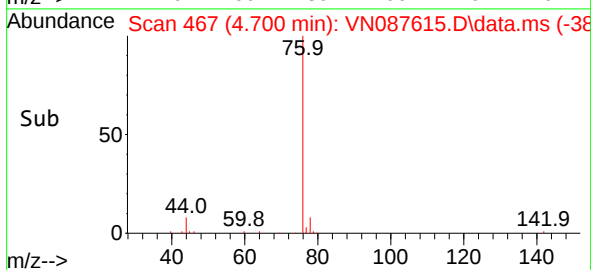
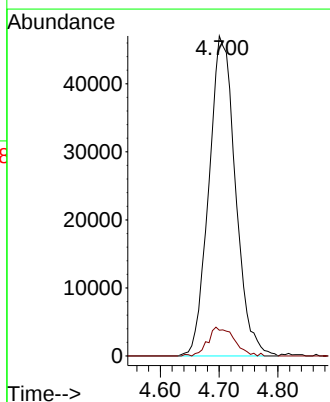
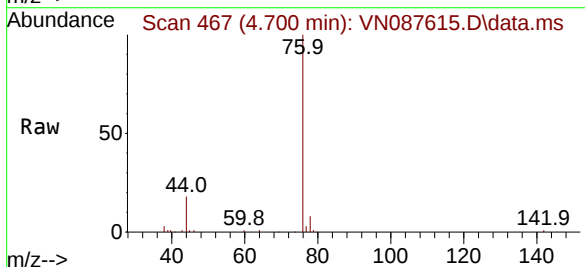
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

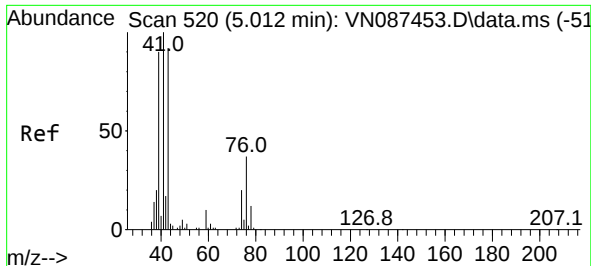
Tgt Ion: 58 Resp: 66192
Ion Ratio Lower Upper
58 100
43 316.5 268.9 403.3



#16
Carbon Disulfide
Concen: 17.128 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 76 Resp: 147634
Ion Ratio Lower Upper
76 100
78 8.0 7.1 10.7

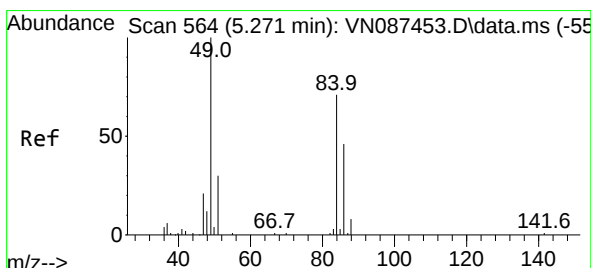
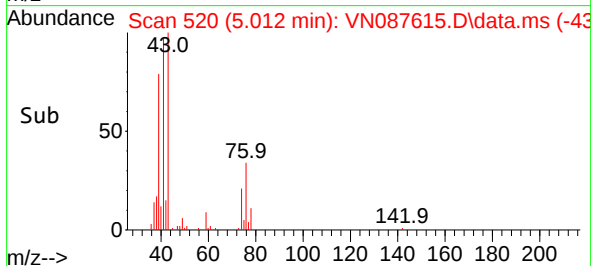
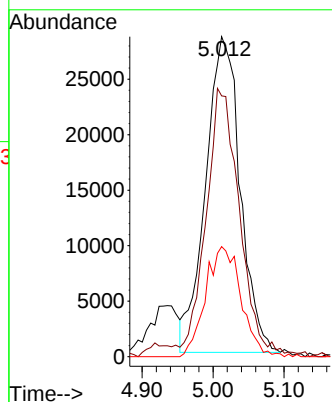
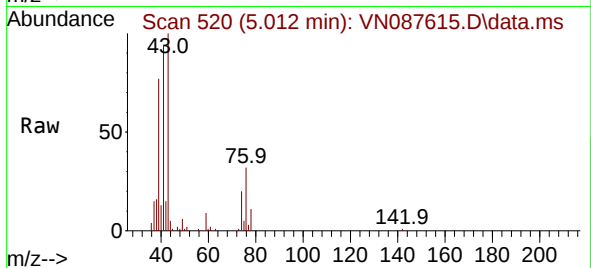




#17
 Allyl chloride
 Concen: 16.999 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN087615.D
 Acq: 21 Aug 2025 10:04

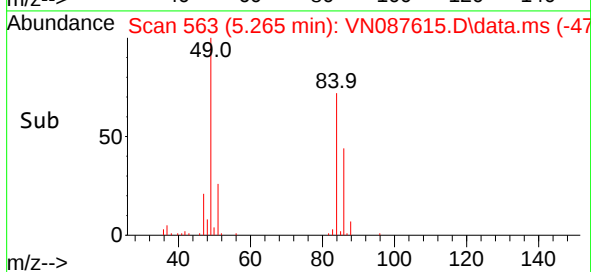
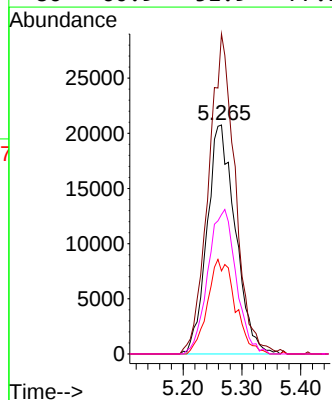
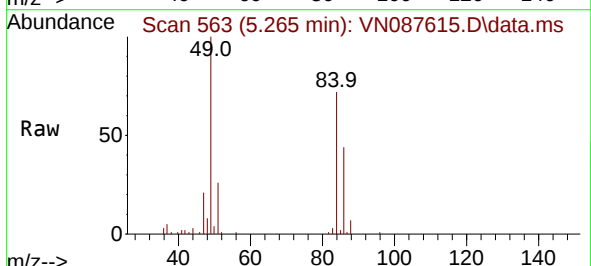
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

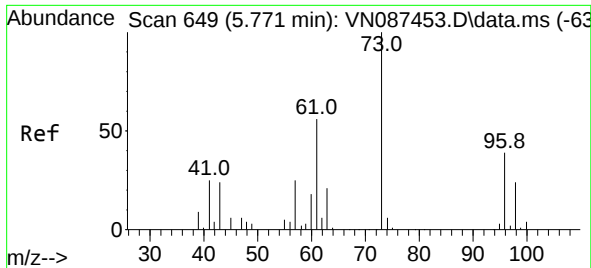
Tgt Ion: 41 Resp: 96274
 Ion Ratio Lower Upper
 41 100
 39 80.0 42.4 127.2
 76 34.9 16.9 50.6



#18
 Methylene Chloride
 Concen: 19.397 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: VN087615.D
 Acq: 21 Aug 2025 10:04

Tgt Ion: 84 Resp: 69386
 Ion Ratio Lower Upper
 84 100
 49 139.8 112.9 169.3
 51 36.3 33.8 50.8
 86 60.9 51.9 77.9

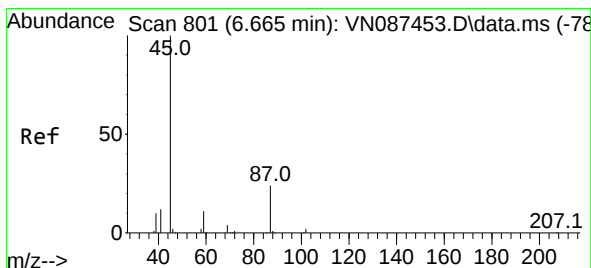
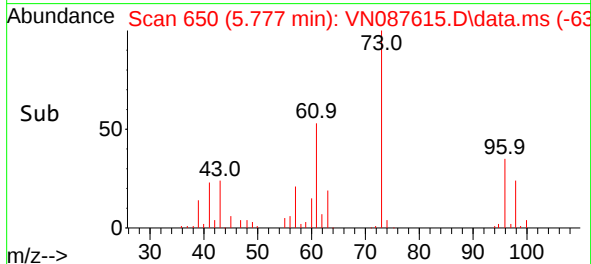
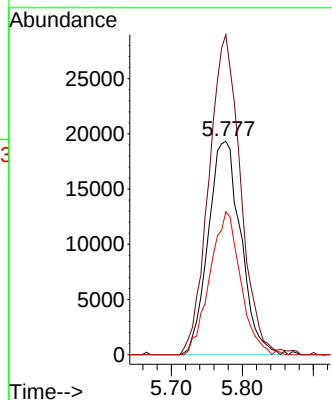
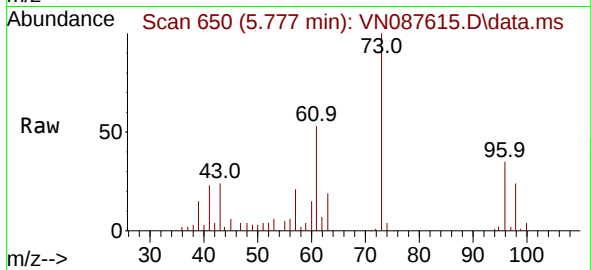




#19
trans-1,2-Dichloroethene
Concen: 18.597 ug/l
RT: 5.777 min Scan# 614
Delta R.T. 0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

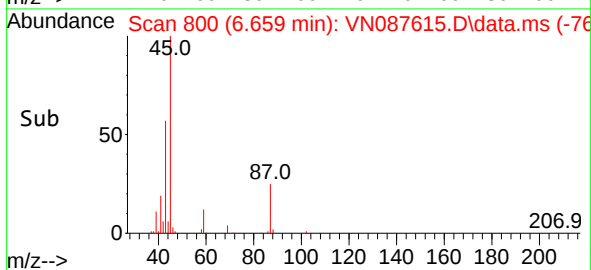
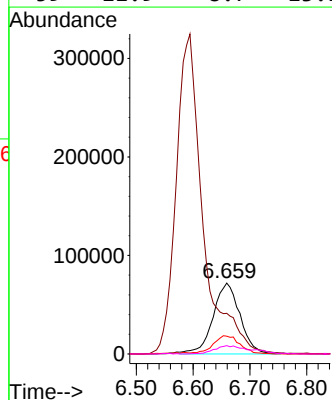
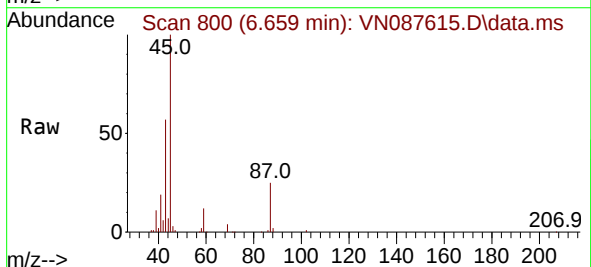
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 96 Resp: 61449
Ion Ratio Lower Upper
96 100
61 150.0 114.2 171.4
98 67.0 48.7 73.1



#20
Diisopropyl ether
Concen: 18.322 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 45 Resp: 236387
Ion Ratio Lower Upper
45 100
43 55.9 44.7 67.1
87 24.8 20.2 30.2
59 11.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 18.969 ug/l

RT: 6.547 min Scan# 781

Delta R.T. -0.006 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

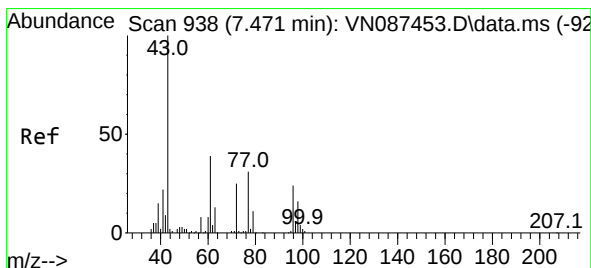
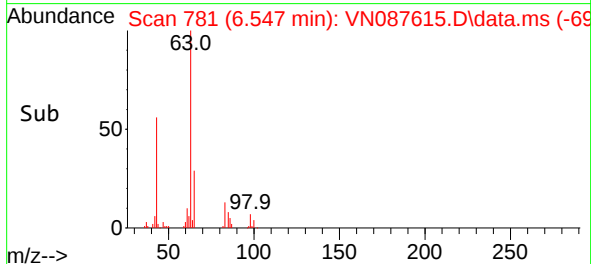
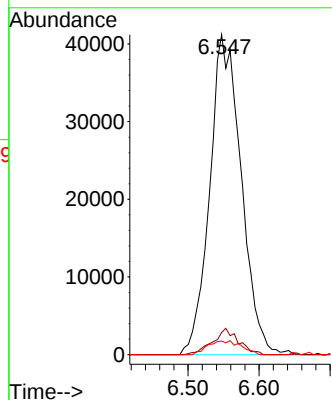
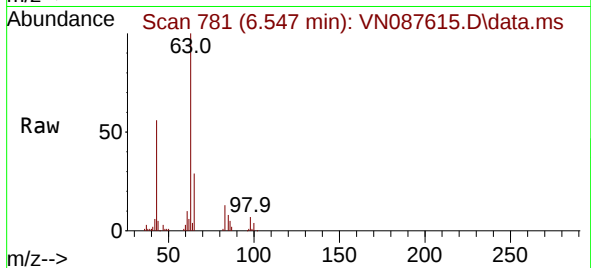
Tgt Ion: 63 Resp: 126506

Ion Ratio Lower Upper

63 100

98 6.9 3.0 9.0

100 4.3 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 18.463 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

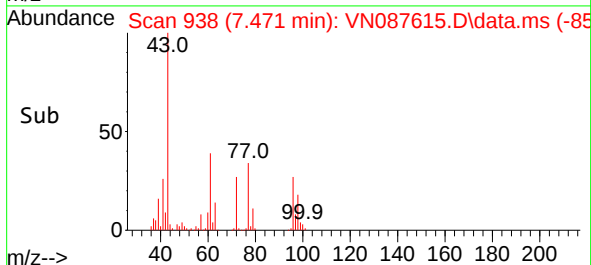
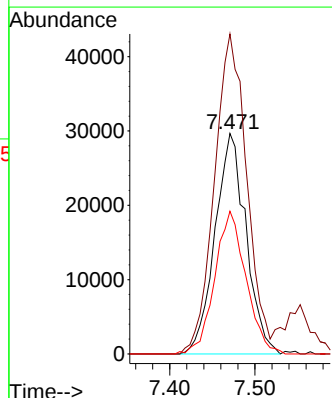
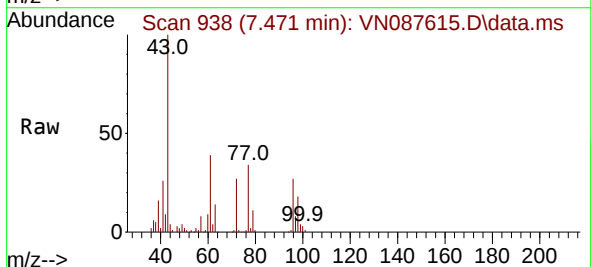
Tgt Ion: 96 Resp: 75063

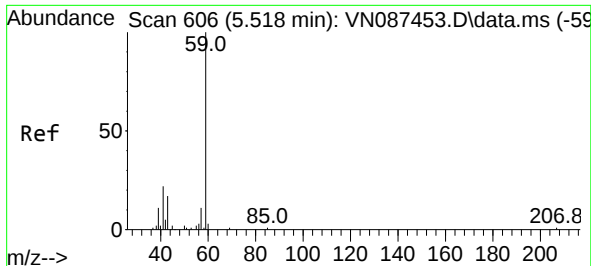
Ion Ratio Lower Upper

96 100

61 151.1 126.6 190.0

98 65.2 50.9 76.3

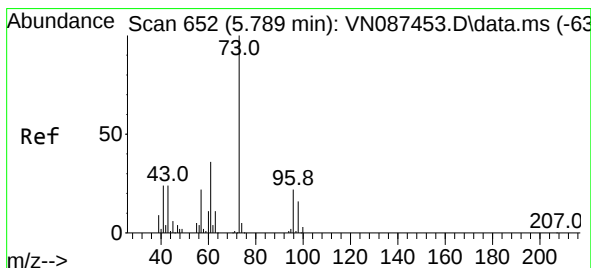
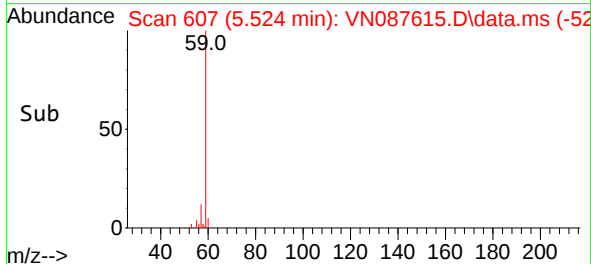
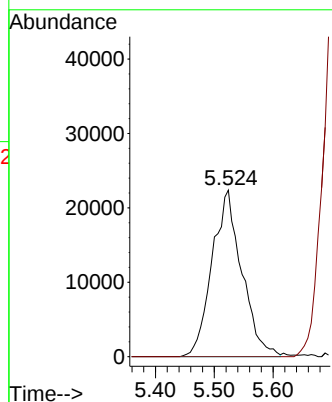
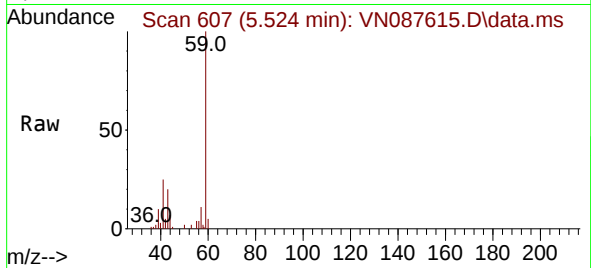




#23
tert-Butyl Alcohol
Concen: 82.601 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

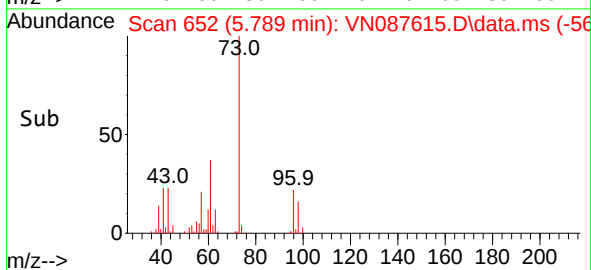
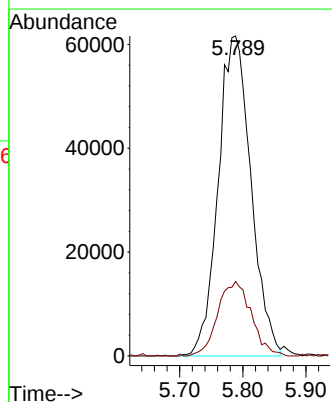
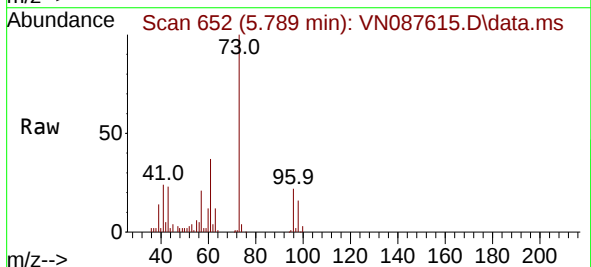
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

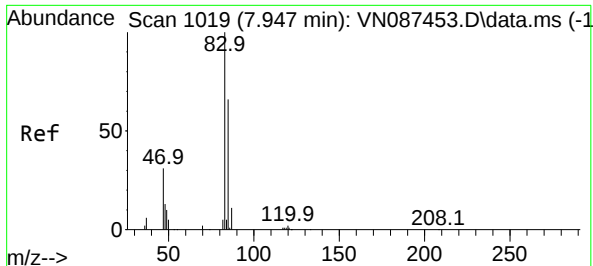
Tgt Ion: 59 Resp: 78590
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 17.557 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 73 Resp: 222295
Ion Ratio Lower Upper
73 100
43 23.8 19.9 29.9





#25

Chloroform

Concen: 18.997 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

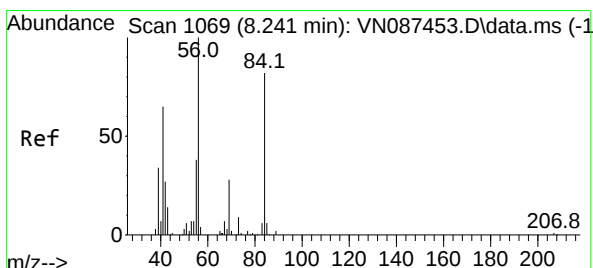
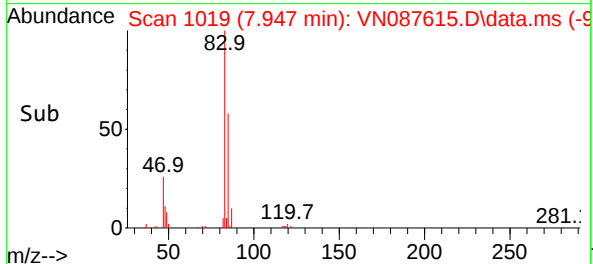
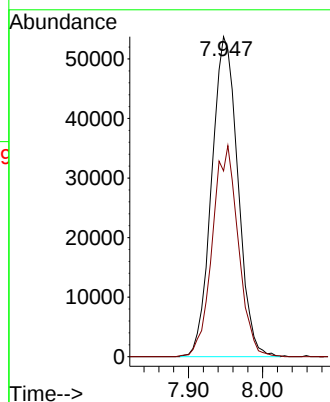
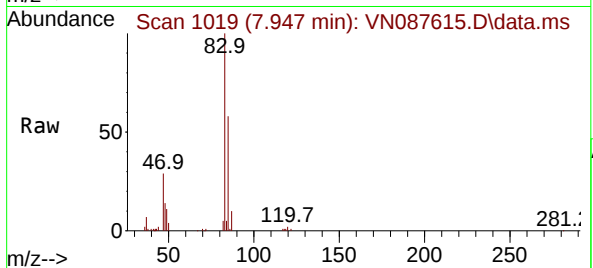
VSTDCCC020

Tgt Ion: 83 Resp: 132250

Ion Ratio Lower Upper

83 100

85 57.8 52.6 78.8



#26

Cyclohexane

Concen: 17.657 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

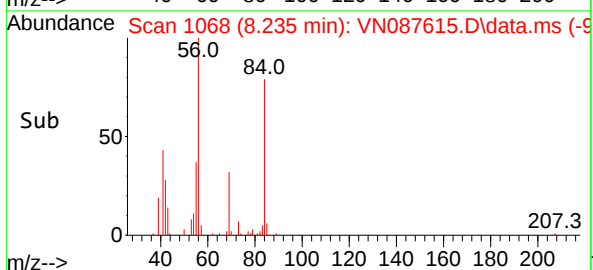
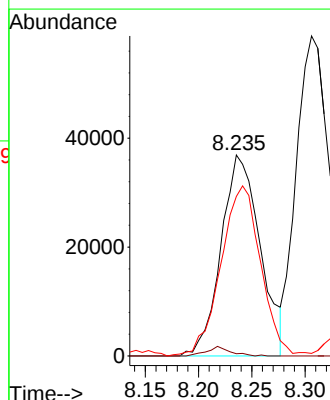
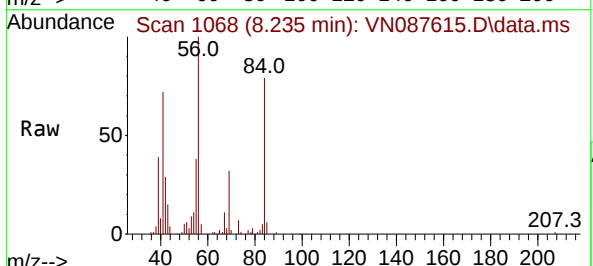
Tgt Ion: 56 Resp: 94285

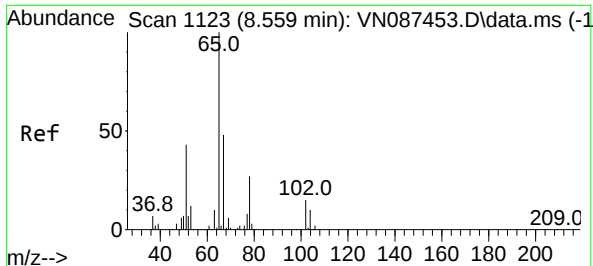
Ion Ratio Lower Upper

56 100

89 0.1 2.3 3.5#

84 85.5 67.0 100.4





#27

1,2-Dichloroethane-d4

Concen: 28.885 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

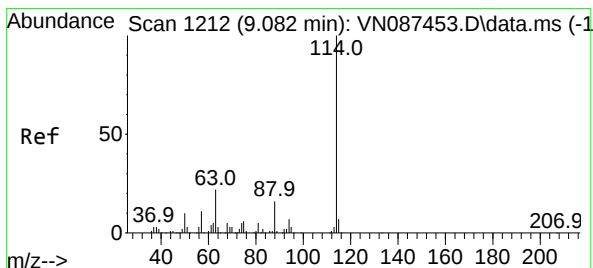
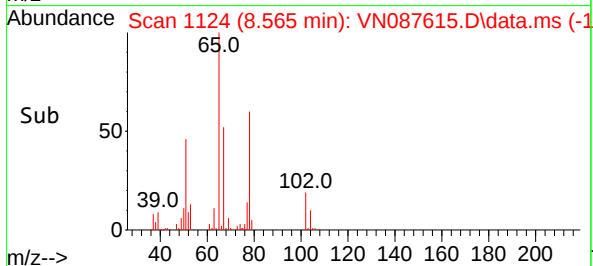
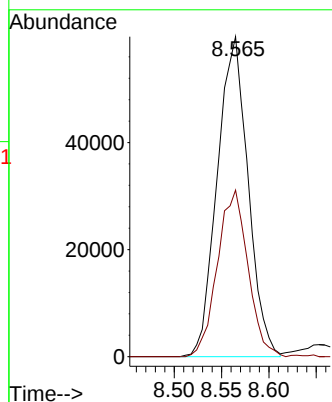
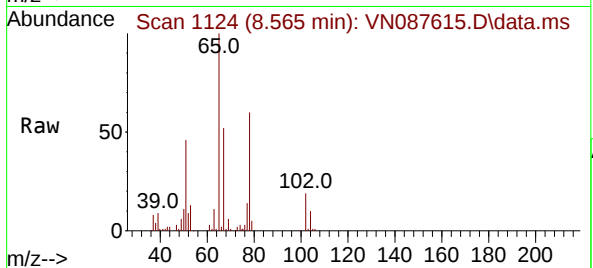
VSTDCCC020

Tgt Ion: 65 Resp: 135165

Ion Ratio Lower Upper

65 100

67 51.5 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

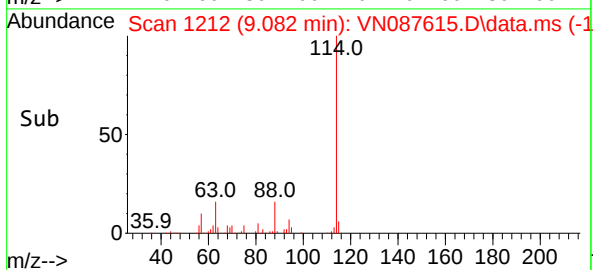
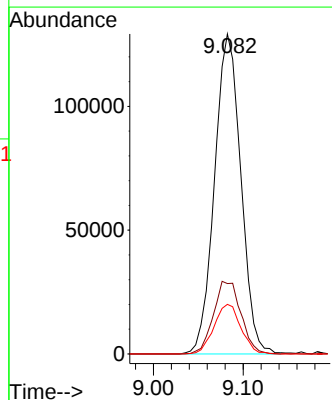
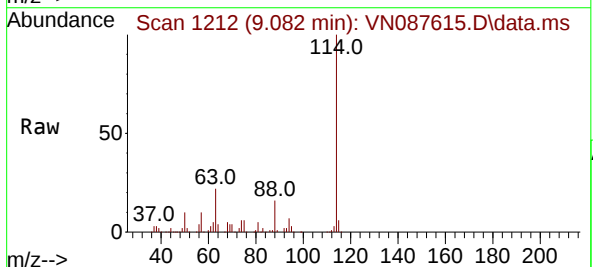
Tgt Ion: 114 Resp: 263414

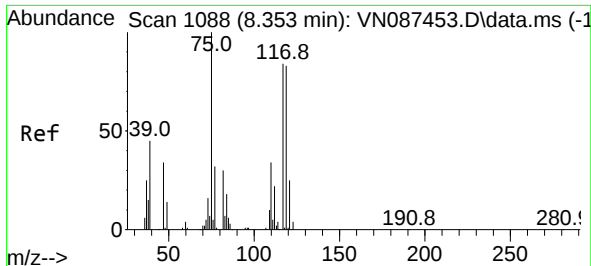
Ion Ratio Lower Upper

114 100

63 23.7 18.9 28.3

88 15.8 13.1 19.7





#29

1,1-Dichloropropene

Concen: 19.187 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. -0.006 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

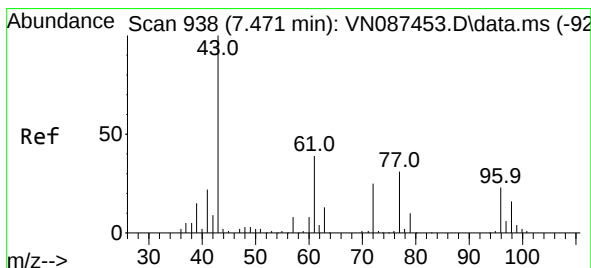
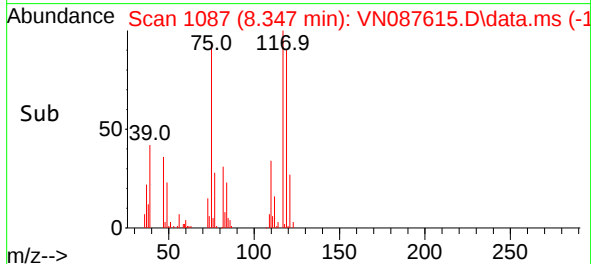
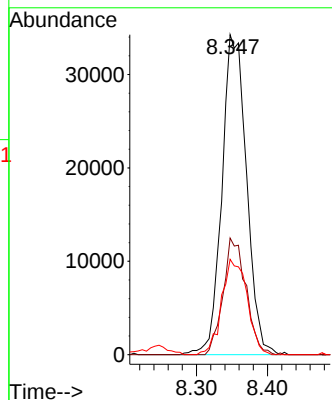
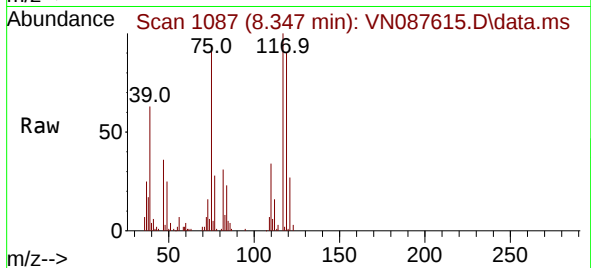
Tgt Ion: 75 Resp: 82433

Ion Ratio Lower Upper

75 100

110 33.9 0.0 65.8

77 30.7 0.0 63.6



#30

2-Butanone

Concen: 96.162 ug/l

RT: 7.465 min Scan# 937

Delta R.T. -0.006 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

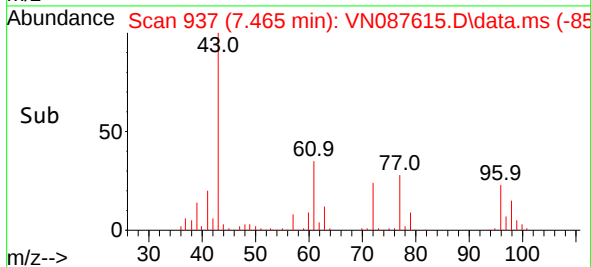
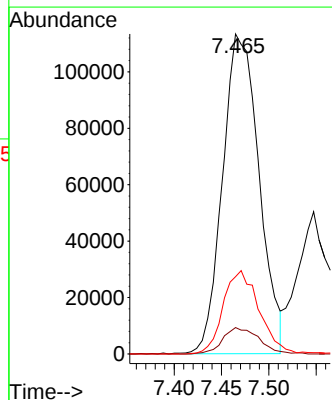
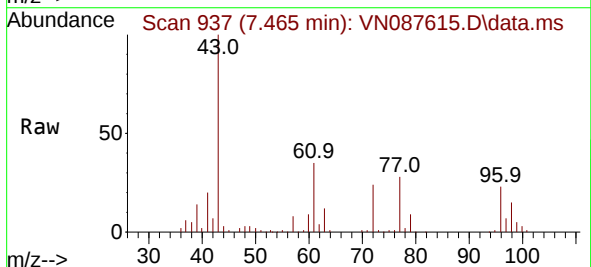
Tgt Ion: 43 Resp: 304532

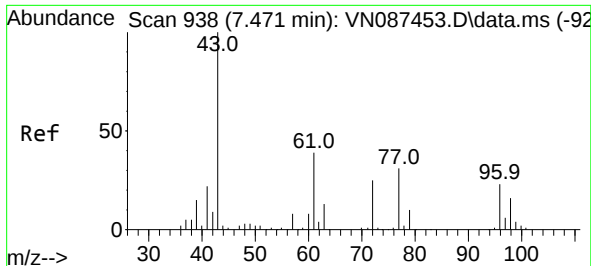
Ion Ratio Lower Upper

43 100

57 8.1 6.6 9.8

72 25.5 19.7 29.5

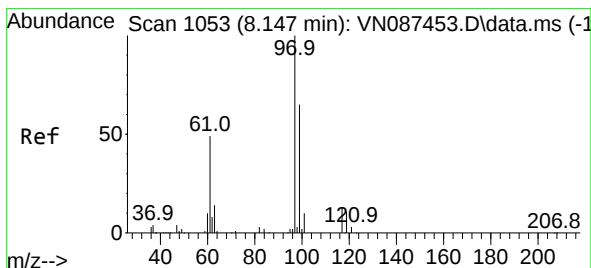
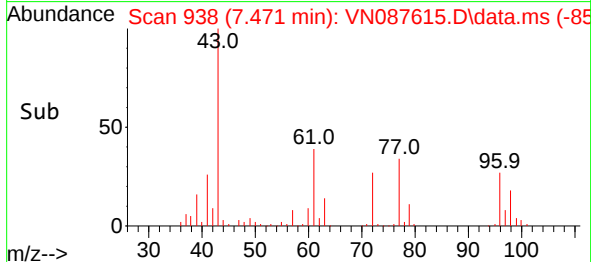
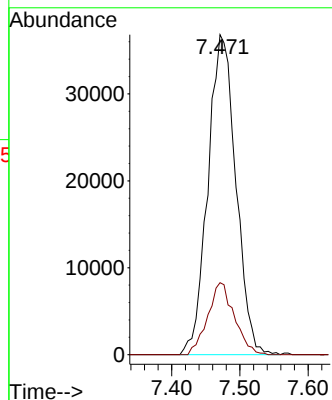
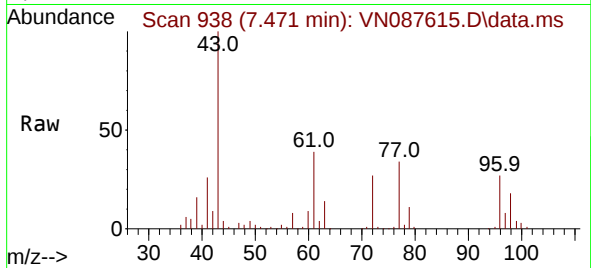




#31
2,2-Dichloropropane
Concen: 19.007 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

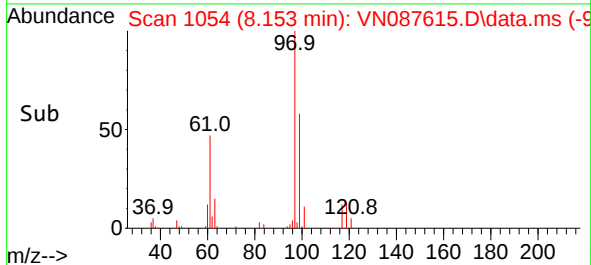
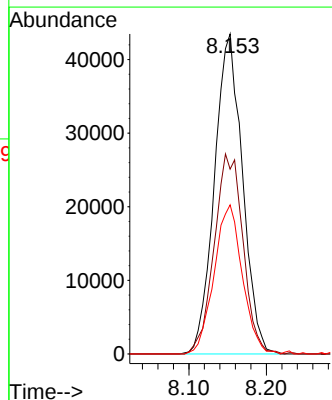
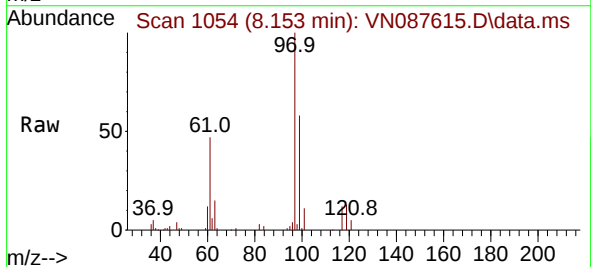
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

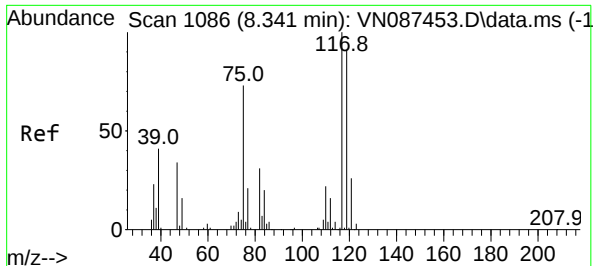
Tgt Ion: 77 Resp: 105319
Ion Ratio Lower Upper
77 100
97 21.4 16.7 25.1



#32
1,1,1-Trichloroethane
Concen: 19.955 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 97 Resp: 109342
Ion Ratio Lower Upper
97 100
99 64.0 53.0 79.6
61 46.7 40.6 61.0

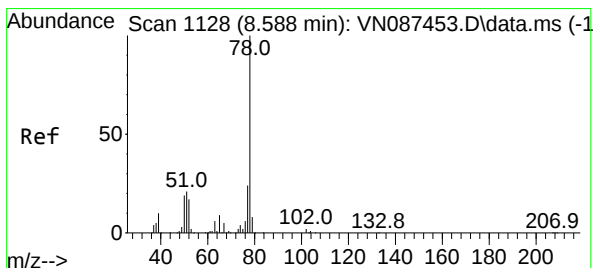
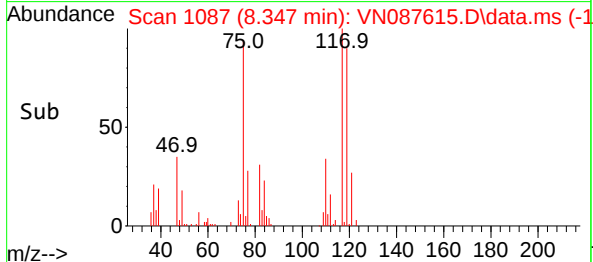
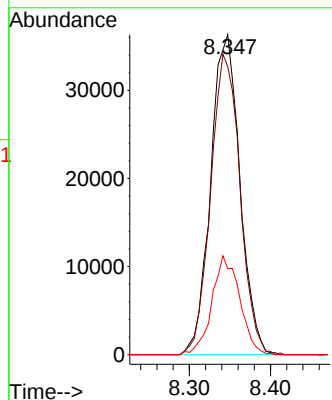
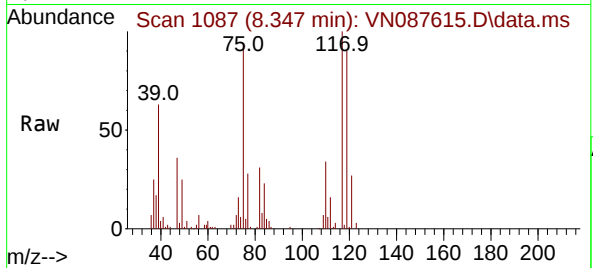




#33
Carbon Tetrachloride
Concen: 19.990 ug/l
RT: 8.347 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

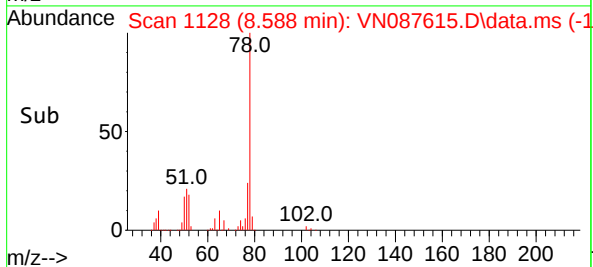
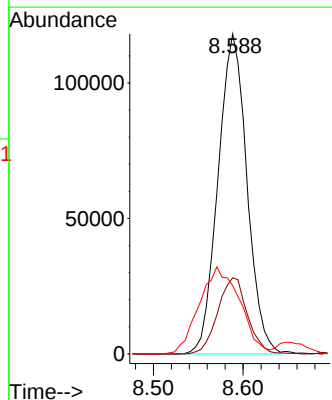
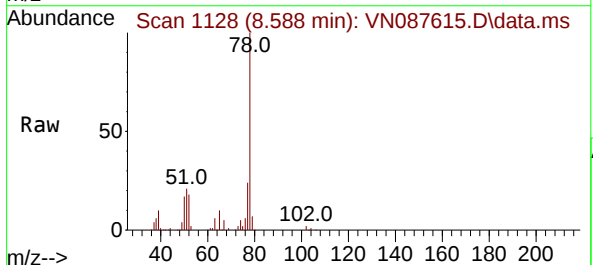
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 90996
Ion Ratio Lower Upper
117 100
119 90.1 73.4 110.0
121 26.9 21.1 31.7



#34
Benzene
Concen: 19.472 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 78 Resp: 264087
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8
51 18.3 16.9 25.3

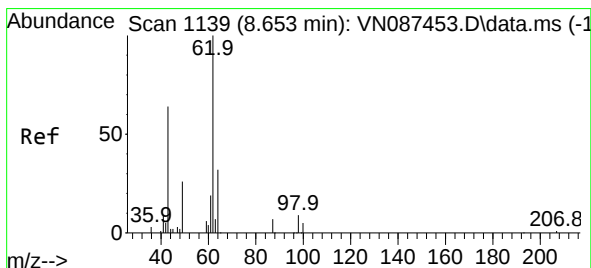
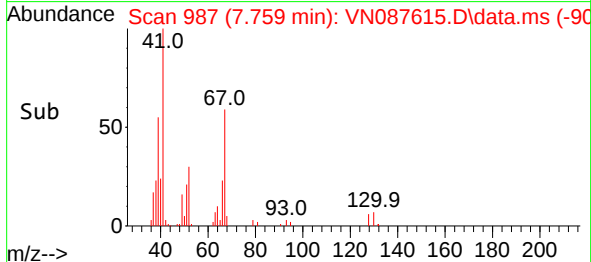
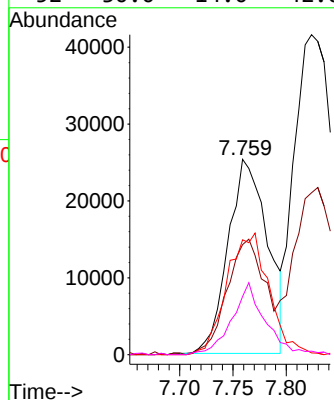
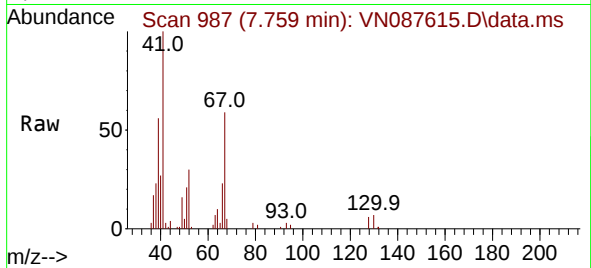




#35
Methacrylonitrile
Concen: 19.097 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

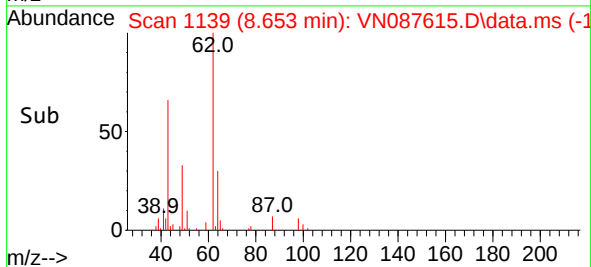
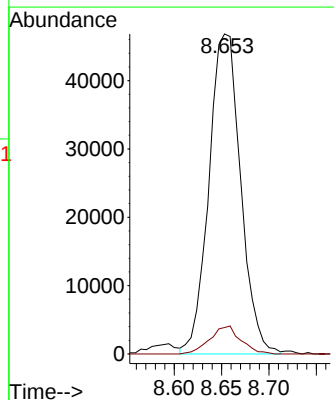
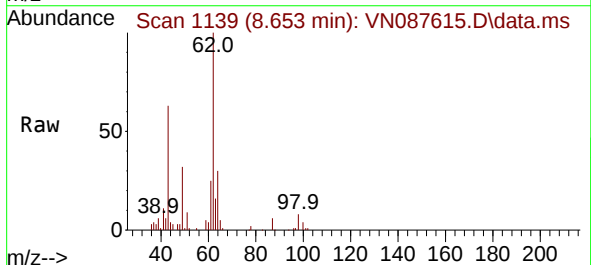
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	65264
Ion	Ratio	Lower	Upper
41	100		
39	55.9	30.1	90.5
67	59.2	32.0	96.2
52	30.0	14.0	42.0



#36
1,2-Dichloroethane
Concen: 19.923 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion:	62	Resp:	109209
Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.6	9.8





#37

Trichloroethene

Concen: 19.944 ug/l

RT: 9.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

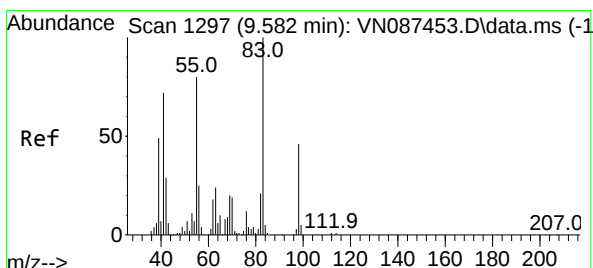
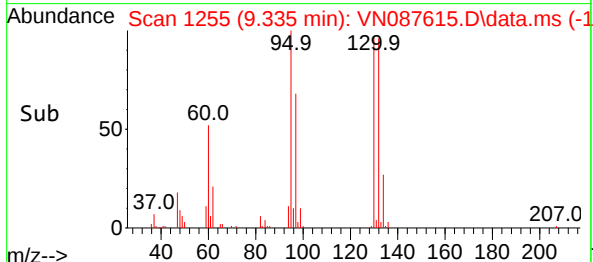
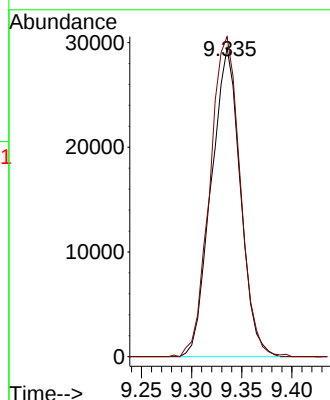
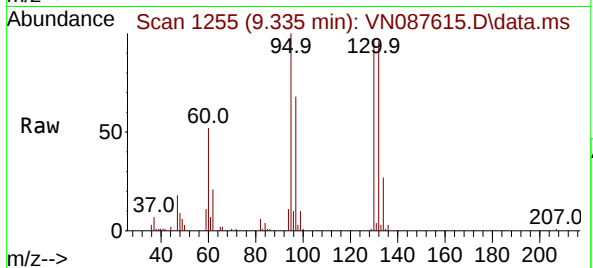
VSTDCCC020

Tgt Ion:130 Resp: 59581

Ion Ratio Lower Upper

130 100

95 103.6 91.4 137.2



#38

Methylcyclohexane

Concen: 17.895 ug/l

RT: 9.576 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

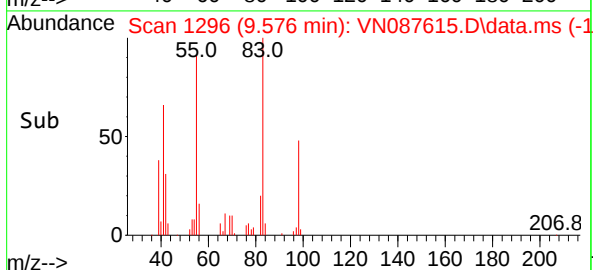
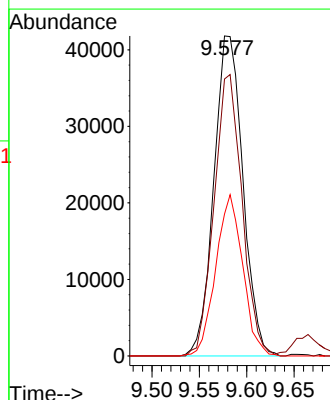
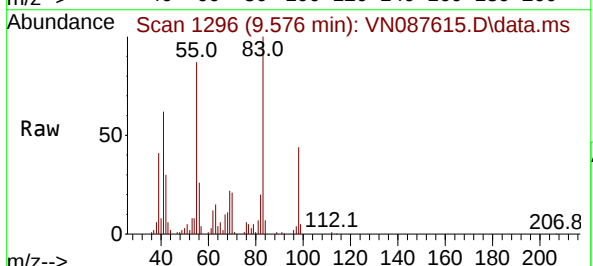
Tgt Ion: 83 Resp: 89193

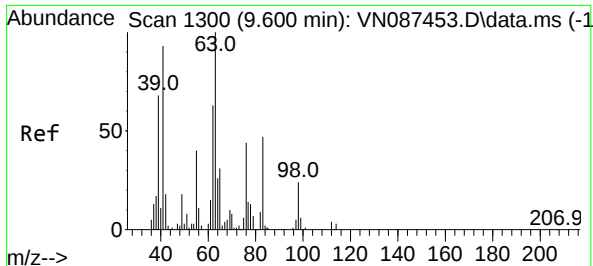
Ion Ratio Lower Upper

83 100

55 84.8 41.2 123.6

98 46.9 23.3 69.9





#39

1,2-Dichloropropane

Concen: 20.362 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

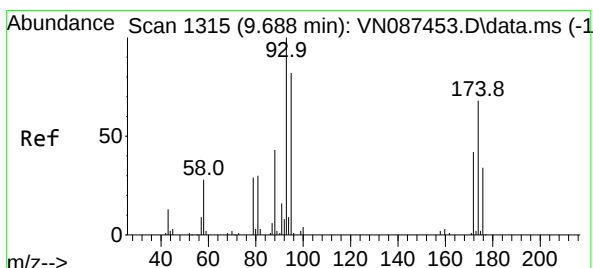
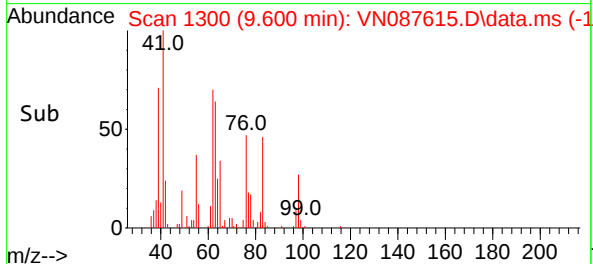
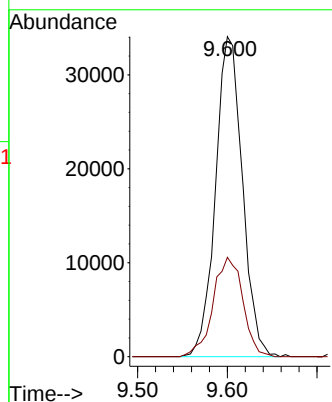
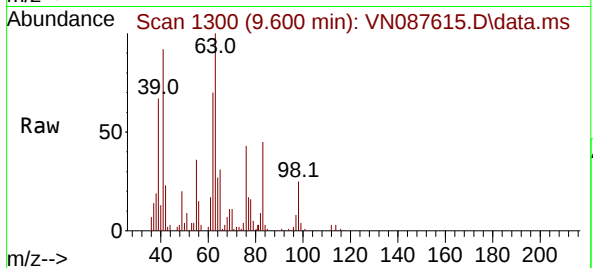
VSTDCCC020

Tgt Ion: 63 Resp: 70802

Ion Ratio Lower Upper

63 100

65 31.0 24.6 36.8



#40

Dibromomethane

Concen: 19.800 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

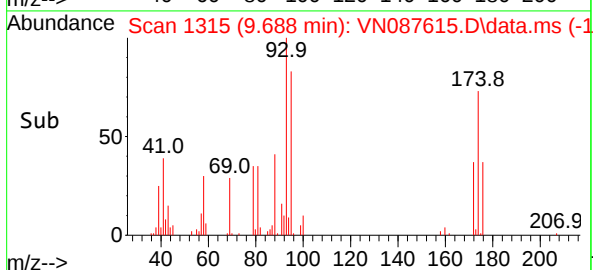
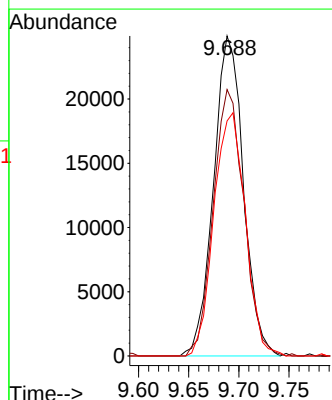
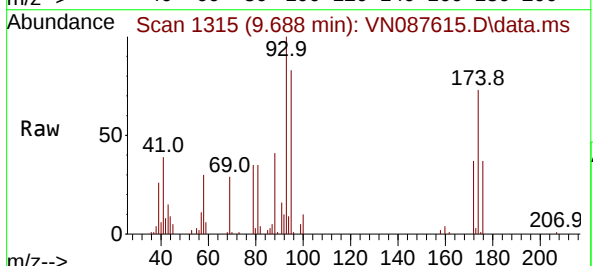
Tgt Ion: 93 Resp: 51656

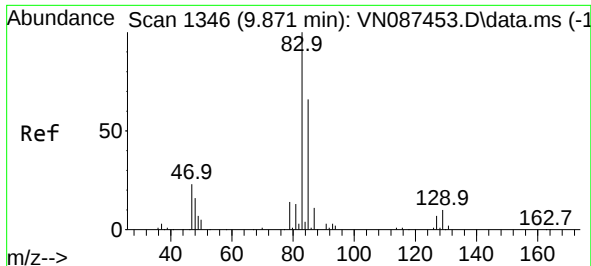
Ion Ratio Lower Upper

93 100

95 85.3 0.0 161.6

174 80.2 0.0 151.4

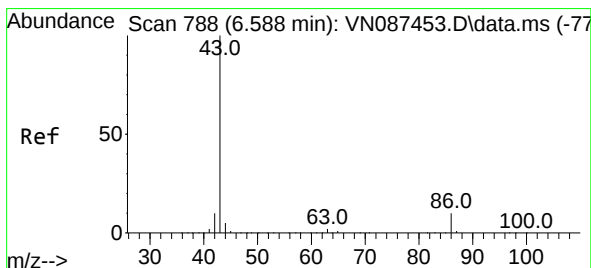
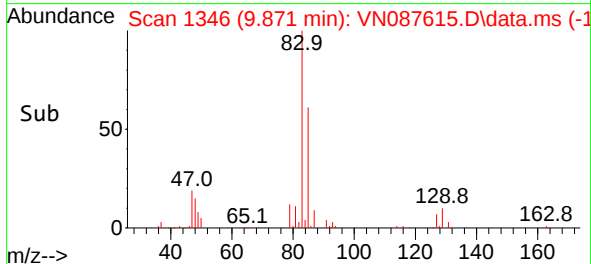
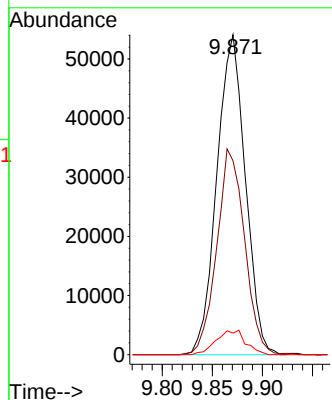
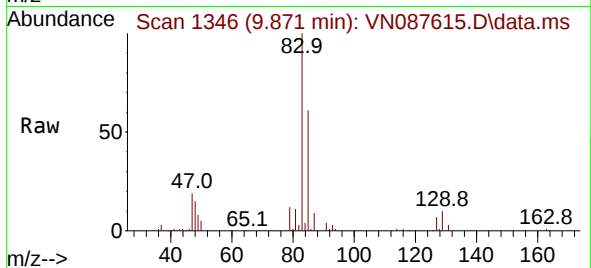




#41
Bromodichloromethane
Concen: 19.709 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

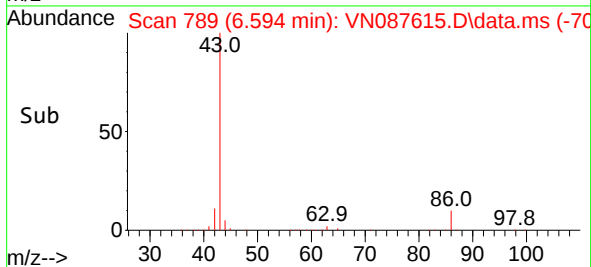
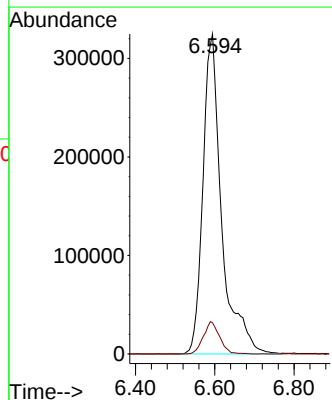
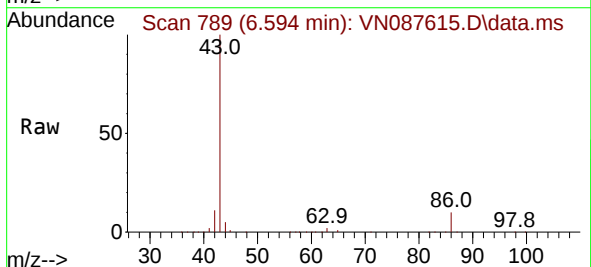
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

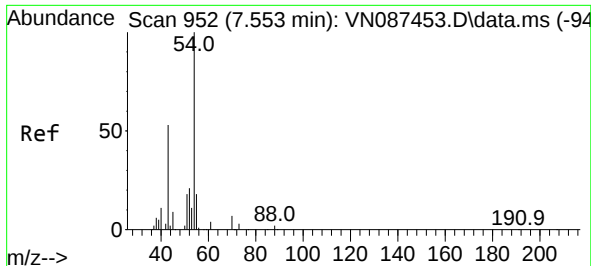
Tgt Ion: 83 Resp: 106847
Ion Ratio Lower Upper
83 100
85 60.6 52.9 79.3
127 6.7 5.8 8.6



#42
Vinyl Acetate
Concen: 102.180 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 43 Resp: 1065640
Ion Ratio Lower Upper
43 100
86 8.6 7.3 10.9

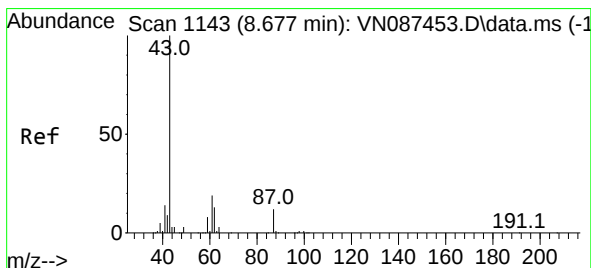
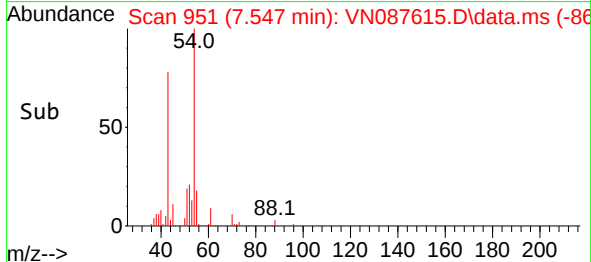
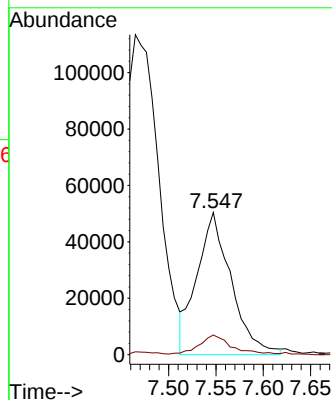
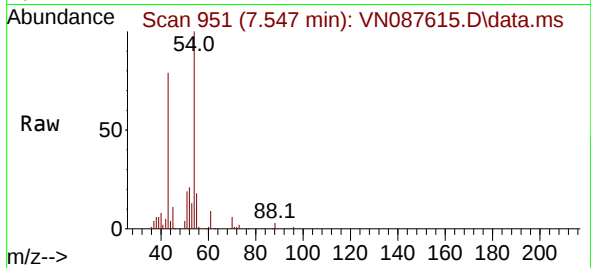




#43
Ethyl Acetate
Concen: 20.755 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

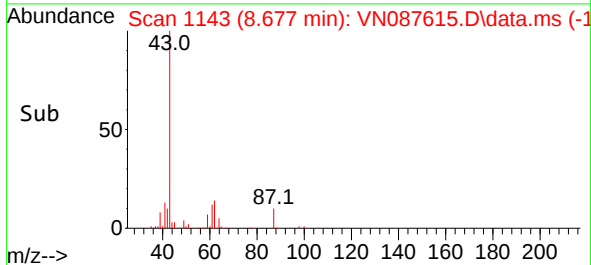
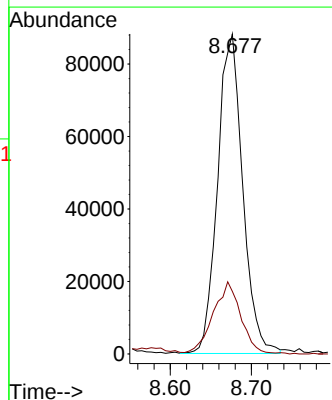
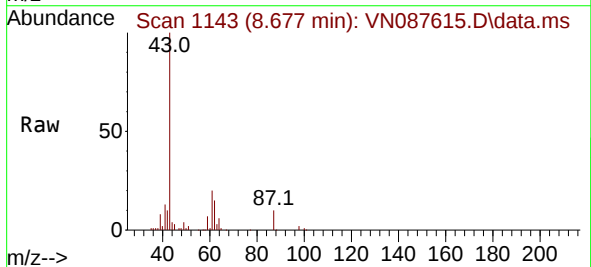
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

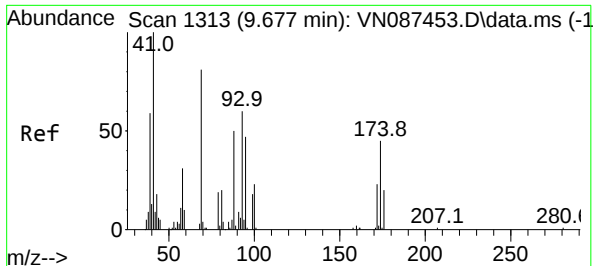
Tgt Ion: 43 Resp: 126978
Ion Ratio Lower Upper
43 100
45 10.6 11.1 16.7#



#44
Isopropyl Acetate
Concen: 18.301 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 43 Resp: 189797
Ion Ratio Lower Upper
43 100
61 24.2 18.6 28.0

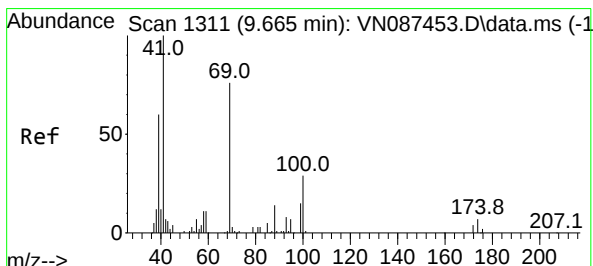
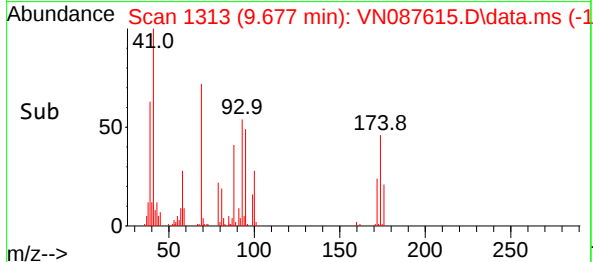
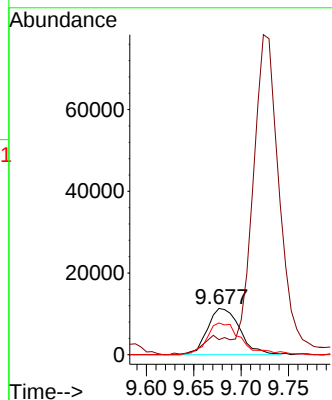
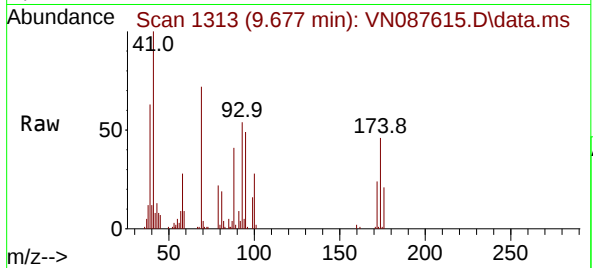




#45
1,4-Dioxane
Concen: 405.956 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

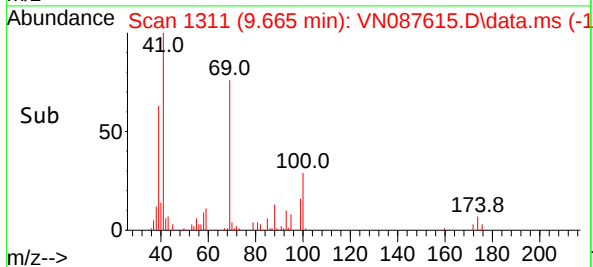
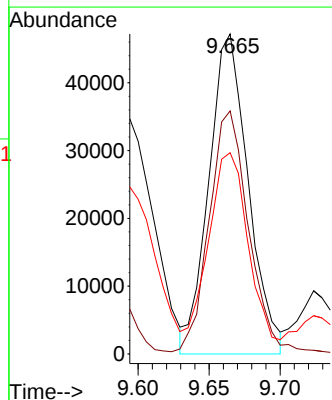
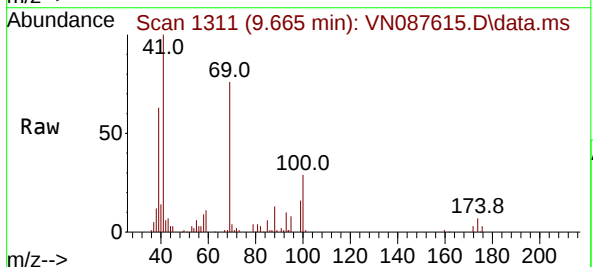
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

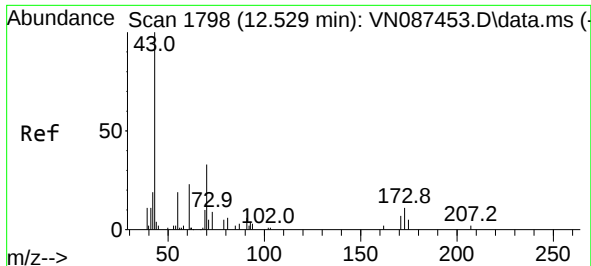
Tgt Ion: 88 Resp: 26839
Ion Ratio Lower Upper
88 100
43 20.3 24.1 36.1#
58 67.6 57.2 85.8



#46
Methyl methacrylate
Concen: 18.584 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 41 Resp: 90975
Ion Ratio Lower Upper
41 100
69 79.8 37.1 111.5
39 62.8 30.7 92.1

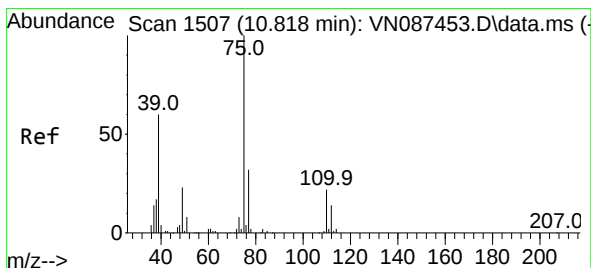
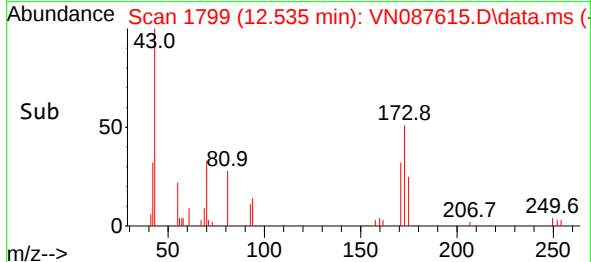
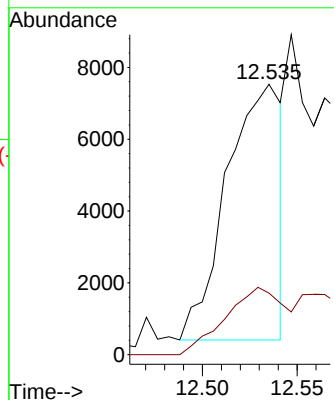
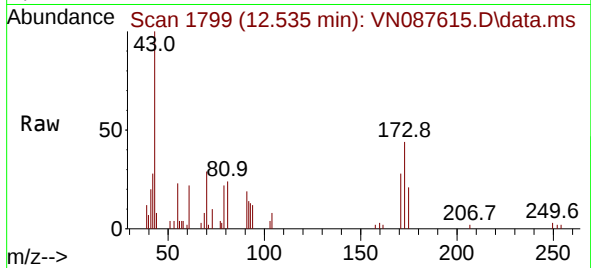




#47
n-amy1 Acetate
Concen: 2.504 ug/l
RT: 12.535 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

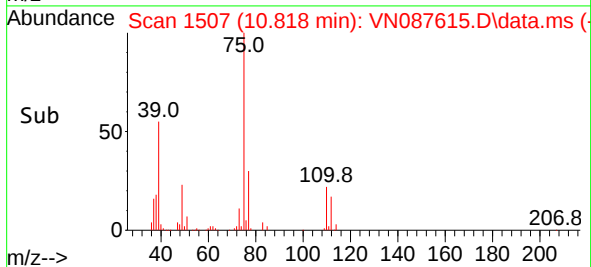
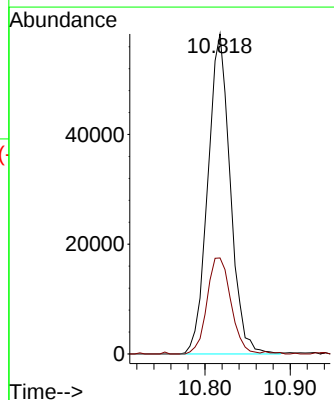
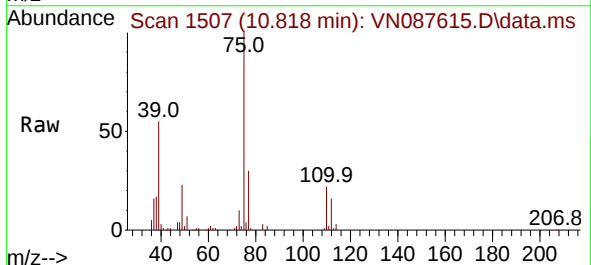
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 14344
Ion Ratio Lower Upper
43 100
55 28.5 4.6 6.8#



#48
t-1,3-Dichloropropene
Concen: 18.078 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 75 Resp: 106623
Ion Ratio Lower Upper
75 100
77 30.0 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 18.859 ug/l

RT: 10.294 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

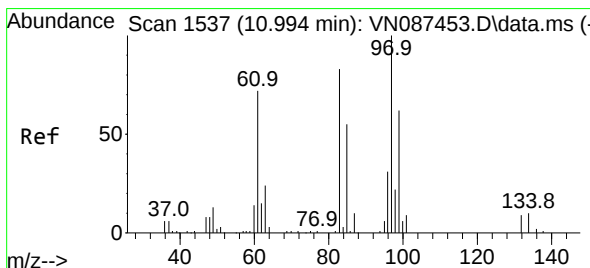
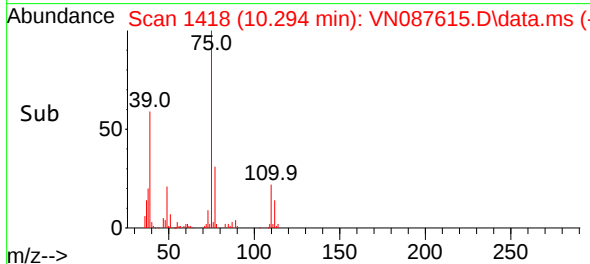
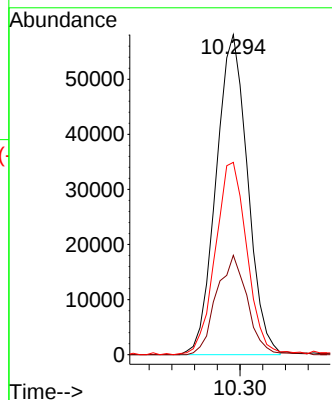
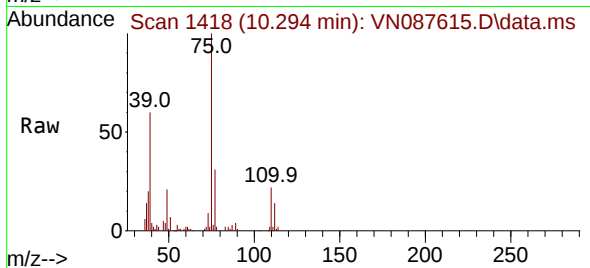
Tgt Ion: 75 Resp: 111941

Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

39 59.8 51.5 77.3



#50

1,1,2-Trichloroethane

Concen: 20.519 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.000 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

Tgt Ion: 97 Resp: 67637

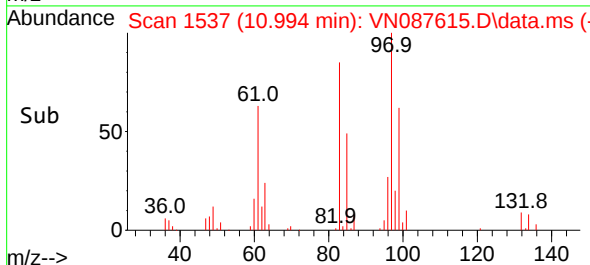
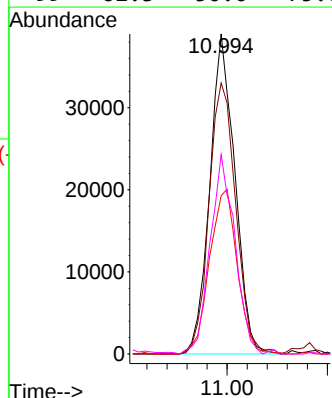
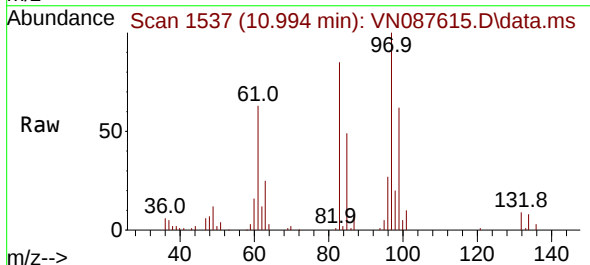
Ion Ratio Lower Upper

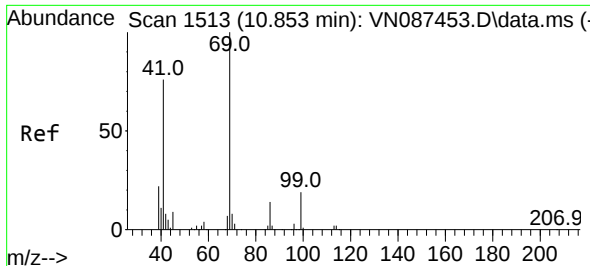
97 100

83 84.7 66.2 99.2

85 49.5 43.9 65.9

99 62.3 50.0 75.0

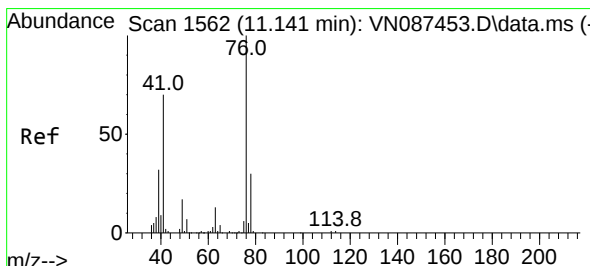
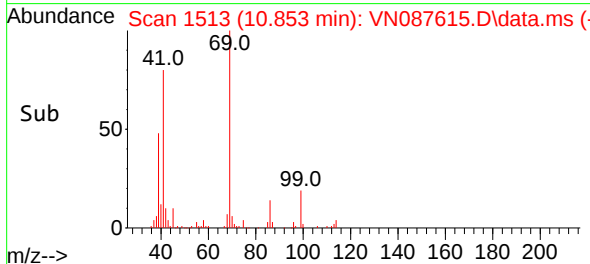
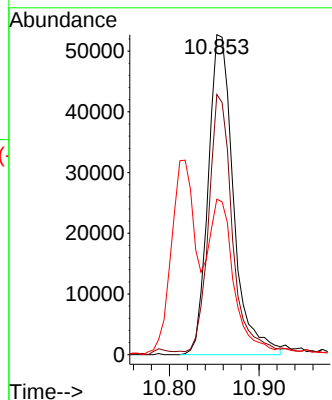
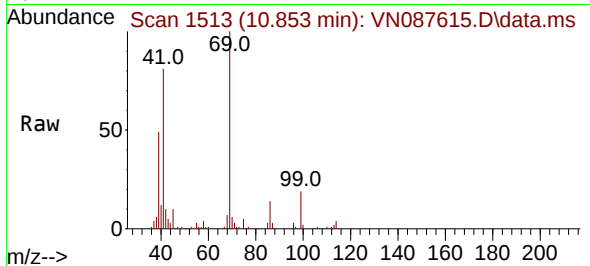




#51
Ethyl methacrylate
Concen: 17.843 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

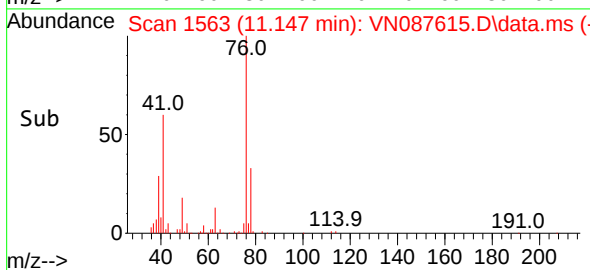
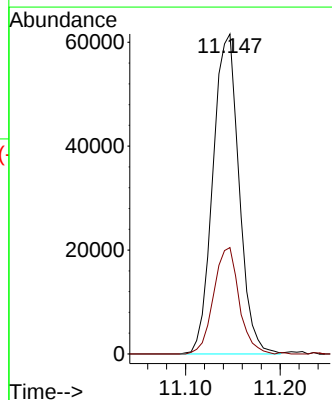
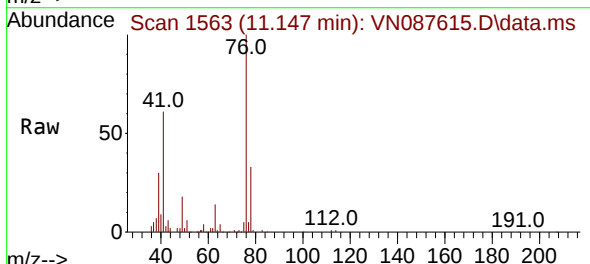
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

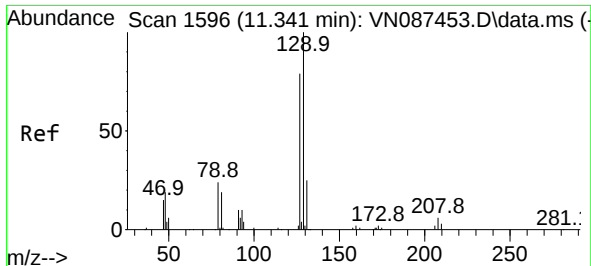
Tgt Ion: 69 Resp: 103580
Ion Ratio Lower Upper
69 100
41 80.2 38.0 114.1
39 46.5 23.2 69.5



#52
1,3-Dichloropropane
Concen: 19.911 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 76 Resp: 118245
Ion Ratio Lower Upper
76 100
78 32.4 0.0 63.0

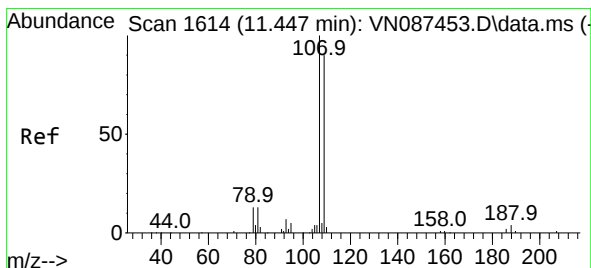
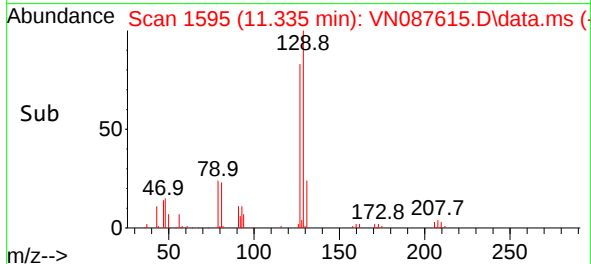
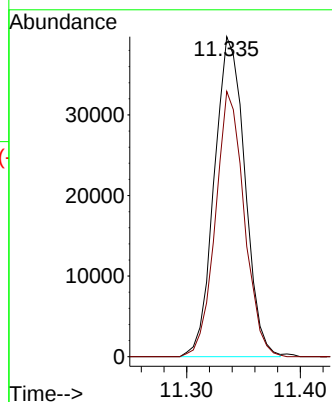
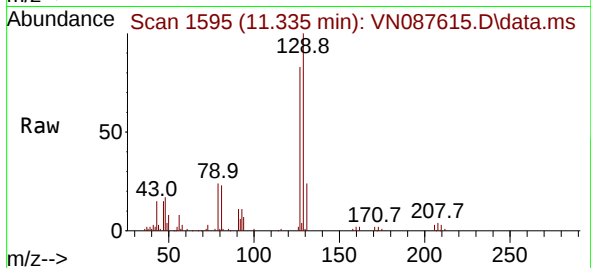




#53
Dibromochloromethane
Concen: 19.504 ug/l
RT: 11.335 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

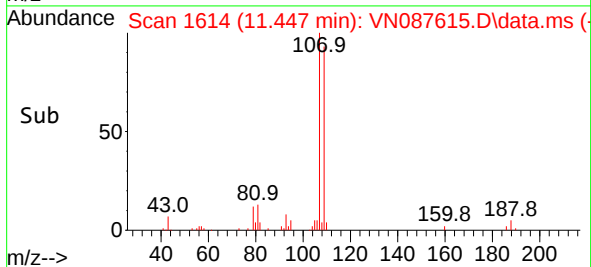
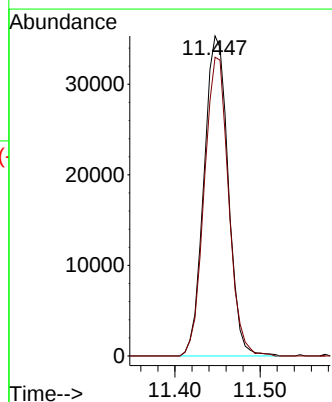
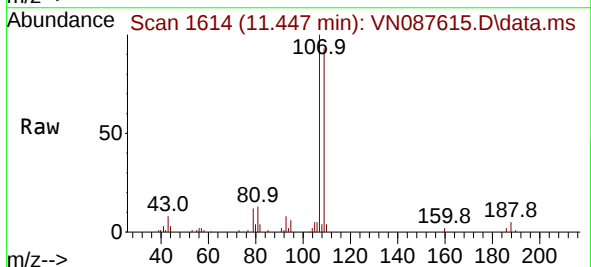
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

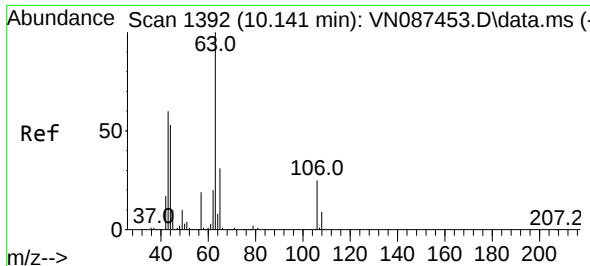
Tgt Ion:129 Resp: 74249
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3



#54
1,2-Dibromoethane
Concen: 19.915 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion:107 Resp: 69686
Ion Ratio Lower Upper
107 100
109 93.4 74.2 111.4

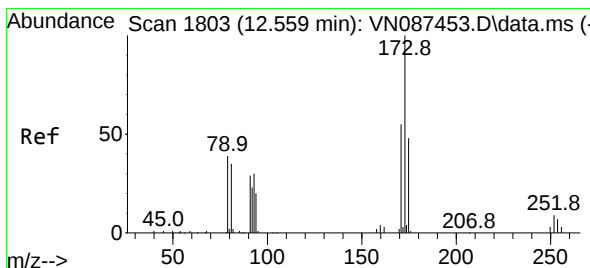
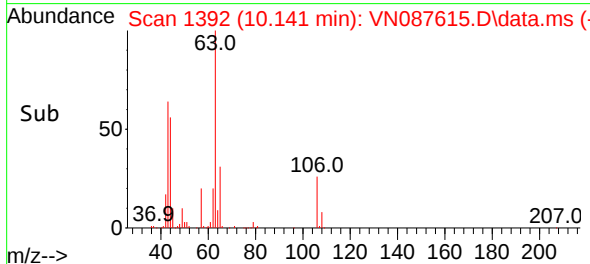
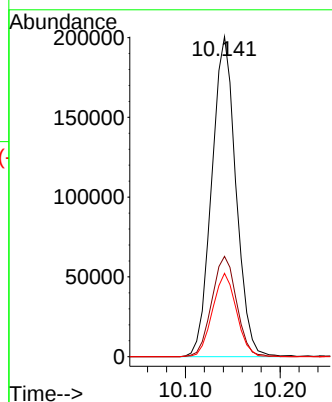
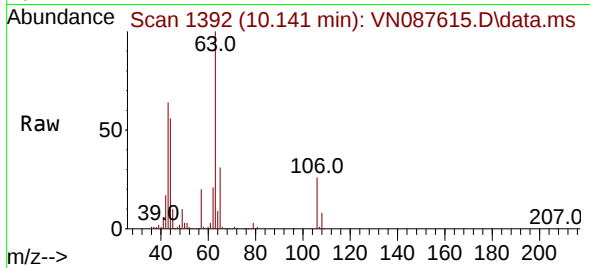




#55
2-Chloroethyl vinyl ether
Concen: 116.642 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

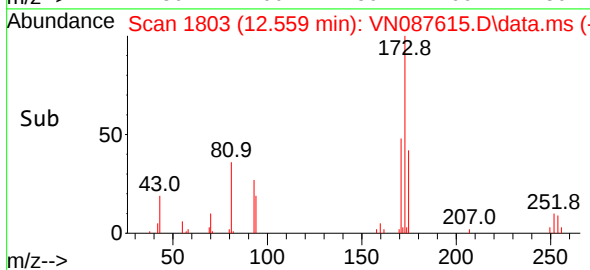
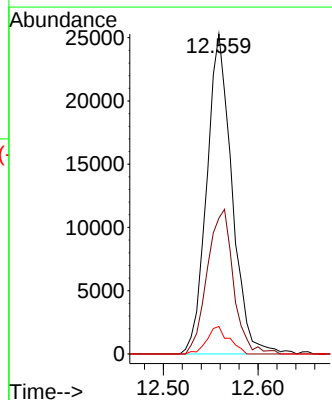
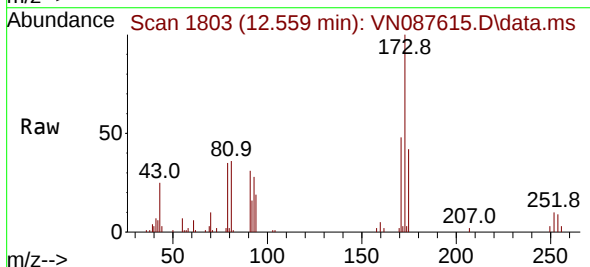
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 356467
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 25.7 20.7 31.1



#56
Bromoform
Concen: 18.566 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 173 Resp: 46748
Ion Ratio Lower Upper
173 100
175 46.0 38.8 58.2
254 7.5 3.9 5.9#

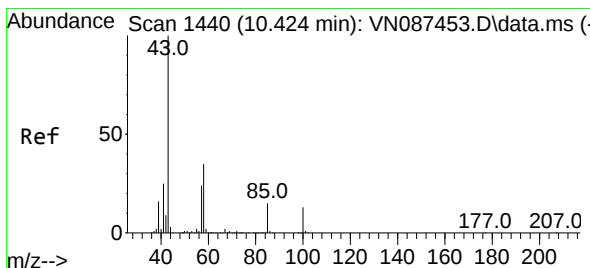
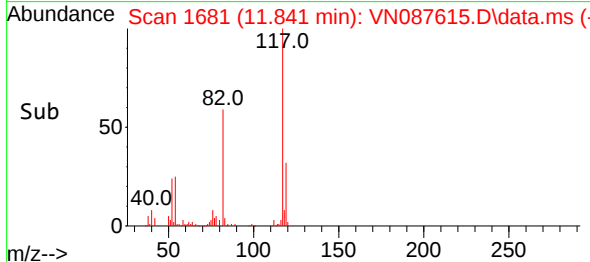
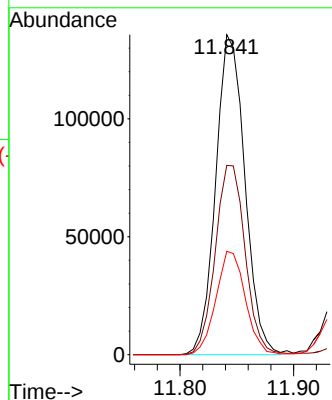
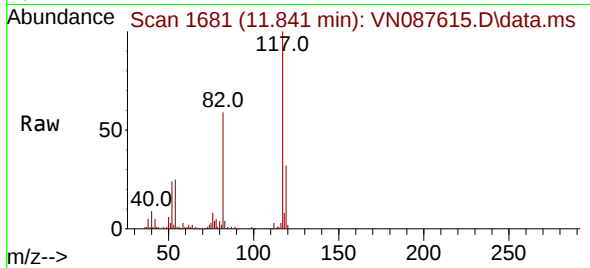




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

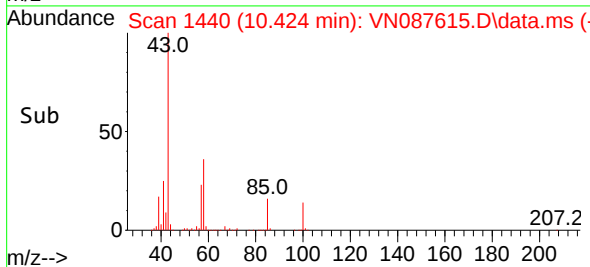
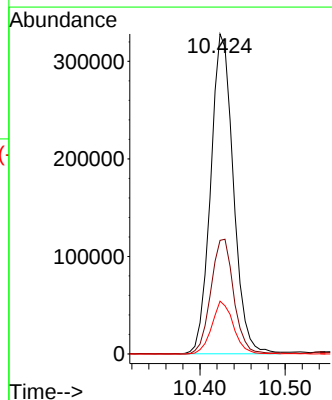
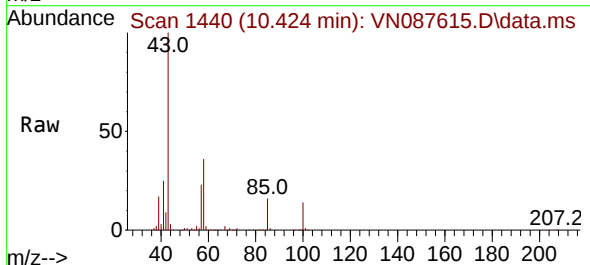
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

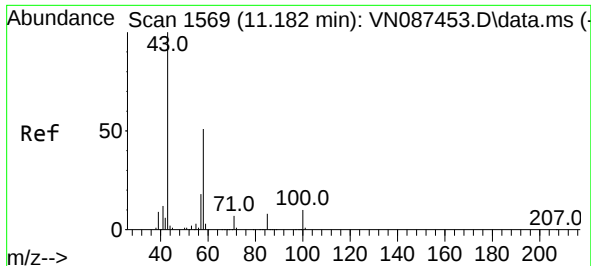
Tgt Ion:117 Resp: 242356
Ion Ratio Lower Upper
117 100
82 60.6 49.2 73.8
119 32.6 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 97.363 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 43 Resp: 607015
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.6
85 15.7 12.7 19.1

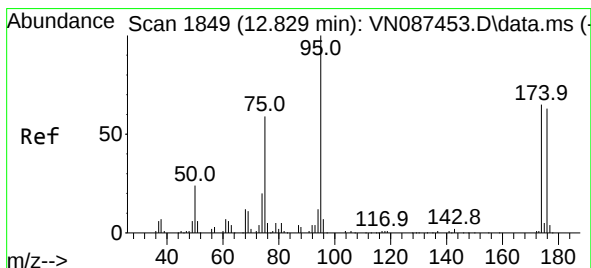
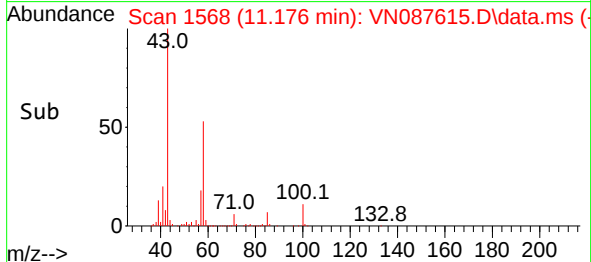
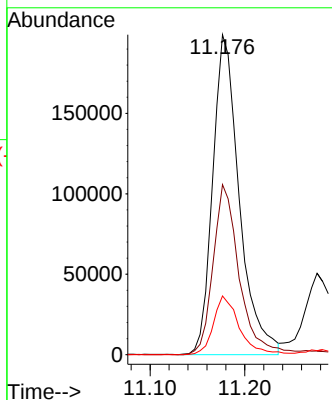
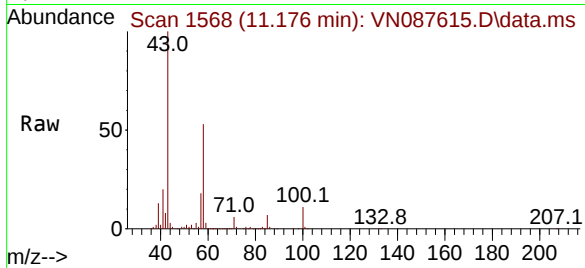




#59
2-Hexanone
Concen: 91.634 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

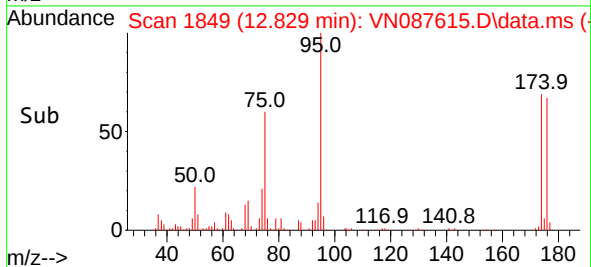
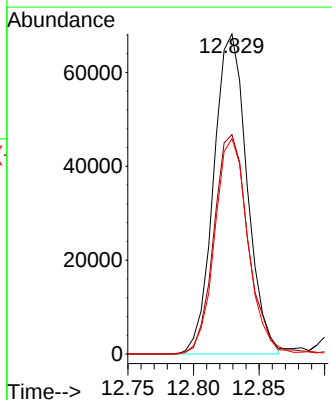
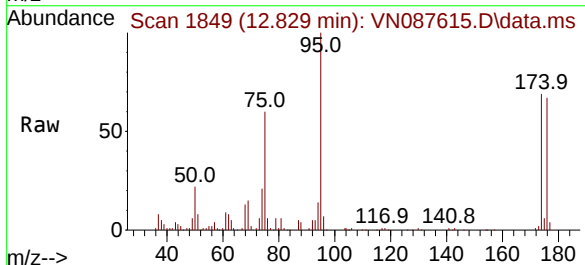
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

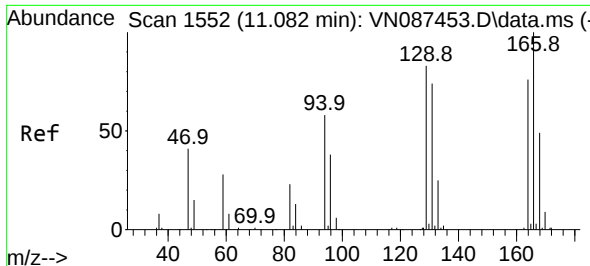
Tgt Ion: 43 Resp: 388170
Ion Ratio Lower Upper
43 100
58 52.1 41.0 61.6
57 17.9 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 28.909 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 95 Resp: 120572
Ion Ratio Lower Upper
95 100
174 70.5 52.3 78.5
176 66.9 49.8 74.8

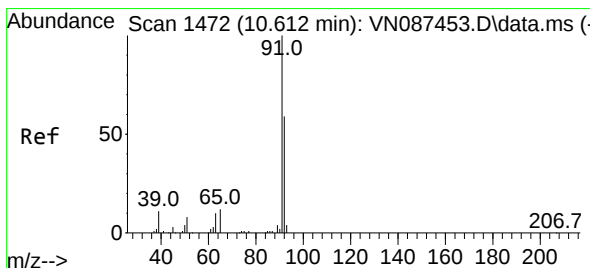
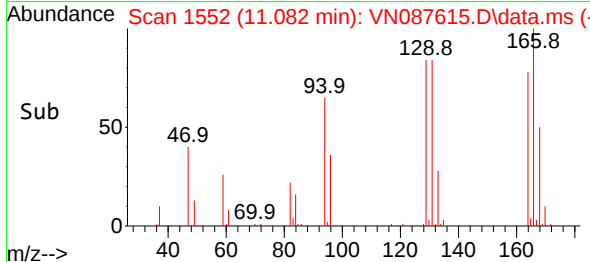
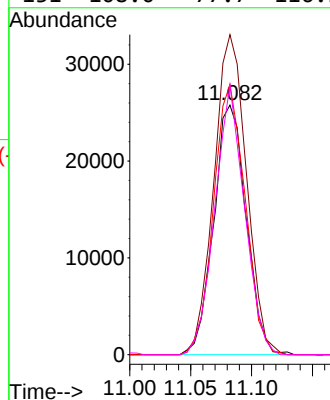
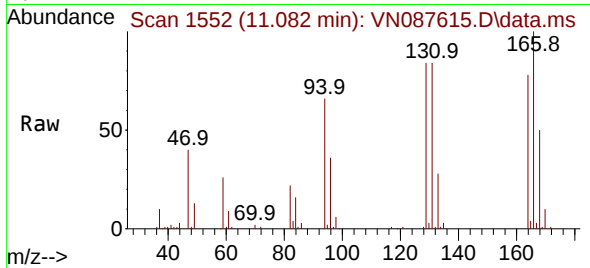




#61
Tetrachloroethene
Concen: 20.249 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

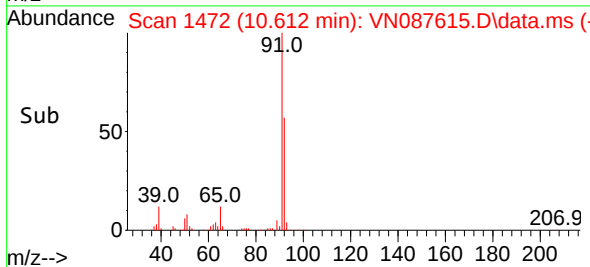
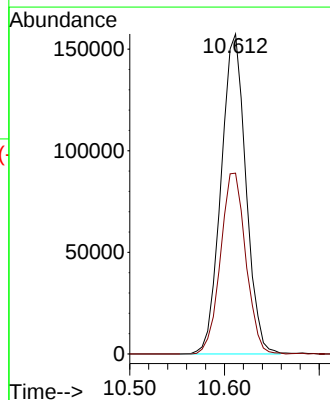
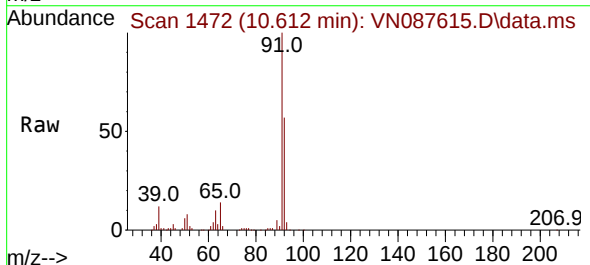
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

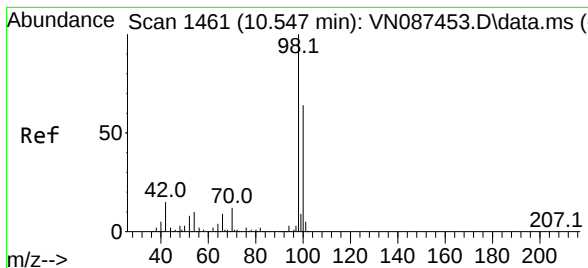
Tgt Ion:164 Resp: 47810
Ion Ratio Lower Upper
164 100
166 128.2 105.4 158.0
129 108.3 87.7 131.5
131 108.0 77.7 116.5



#62
Toluene
Concen: 19.141 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 91 Resp: 286320
Ion Ratio Lower Upper
91 100
92 57.5 45.8 68.6





#63

Toluene-d8

Concen: 30.535 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

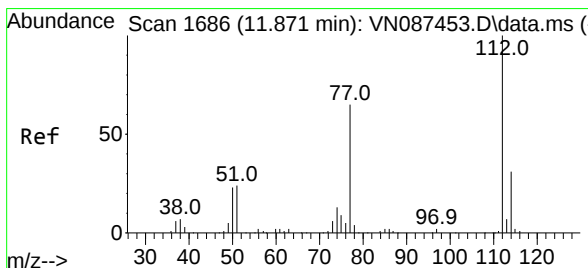
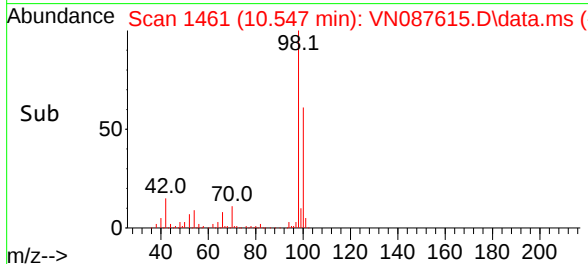
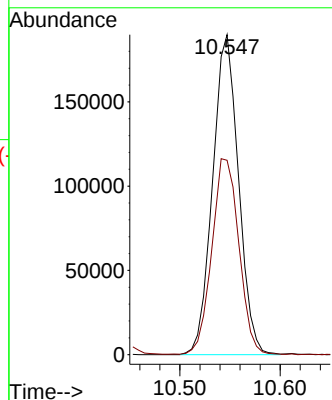
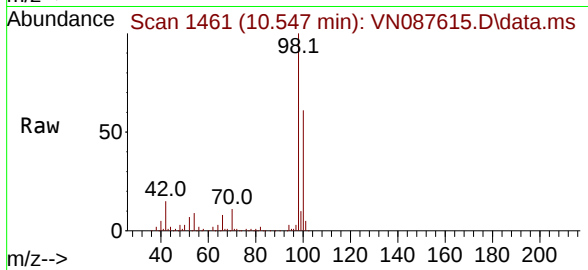
VSTDCCC020

Tgt Ion: 98 Resp: 340510

Ion Ratio Lower Upper

98 100

100 64.2 50.5 75.7



#64

Chlorobenzene

Concen: 19.428 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN087615.D

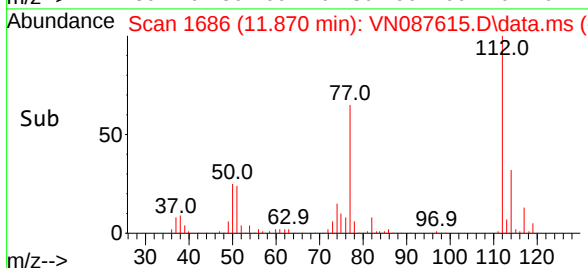
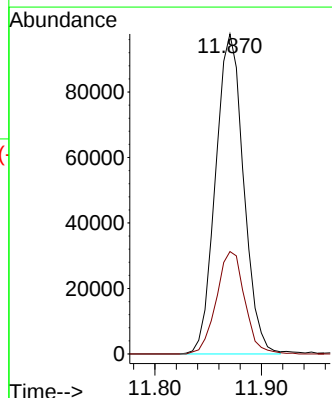
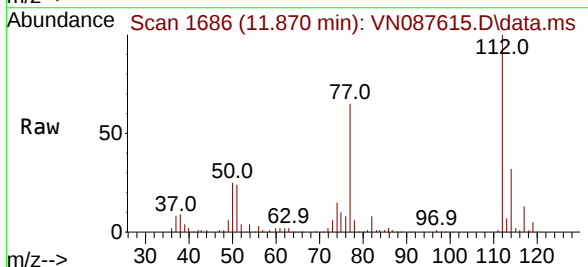
Acq: 21 Aug 2025 10:04

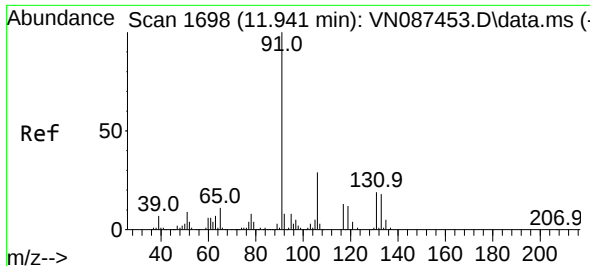
Tgt Ion: 112 Resp: 178569

Ion Ratio Lower Upper

112 100

114 32.0 24.7 37.1

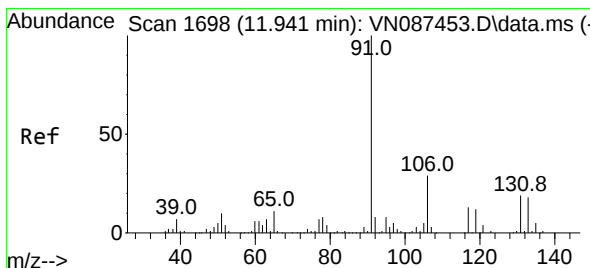
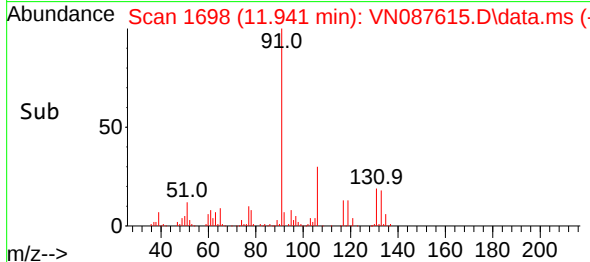
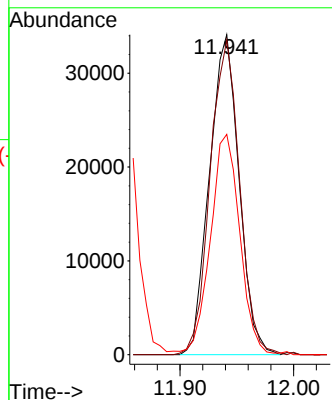
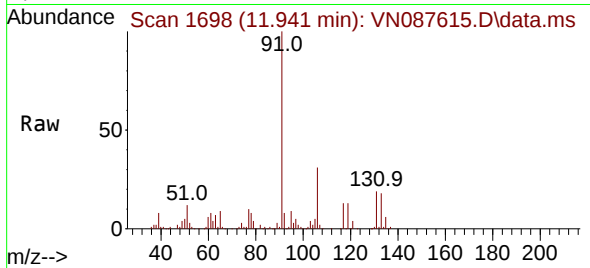




#65
1,1,1,2-Tetrachloroethane
Concen: 19.079 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

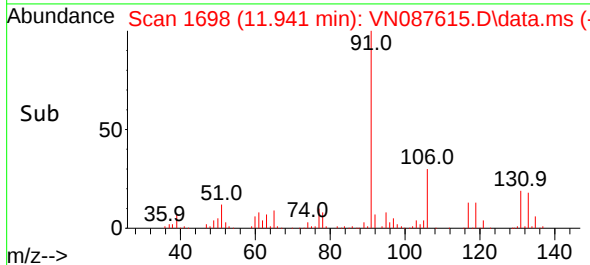
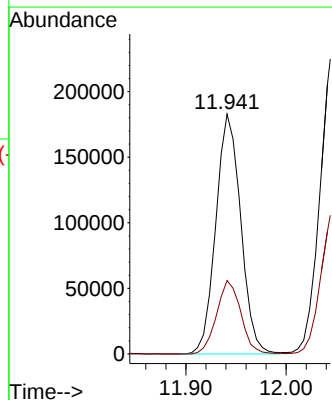
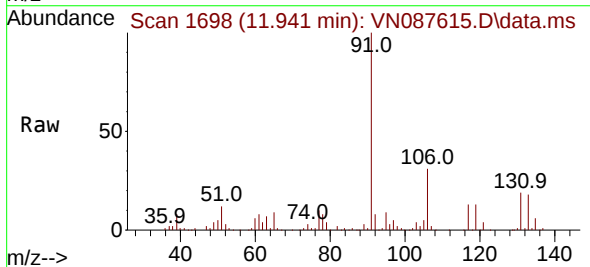
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

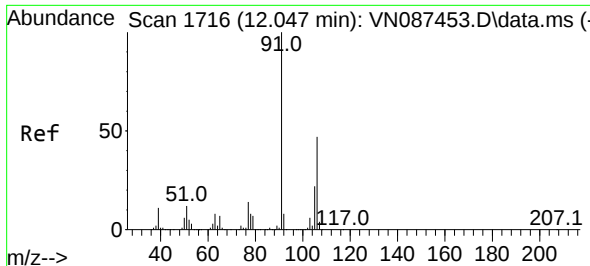
Tgt Ion:131 Resp: 61655
Ion Ratio Lower Upper
131 100
133 98.0 0.0 189.8
119 68.6 0.0 133.2



#66
Ethyl Benzene
Concen: 18.934 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 91 Resp: 315670
Ion Ratio Lower Upper
91 100
106 30.6 22.9 34.3

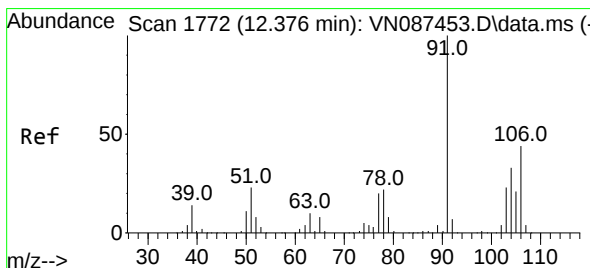
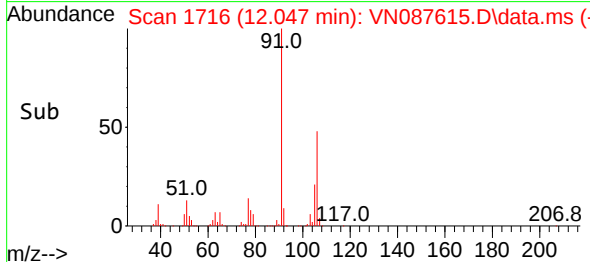
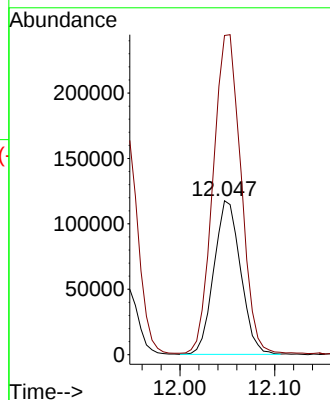
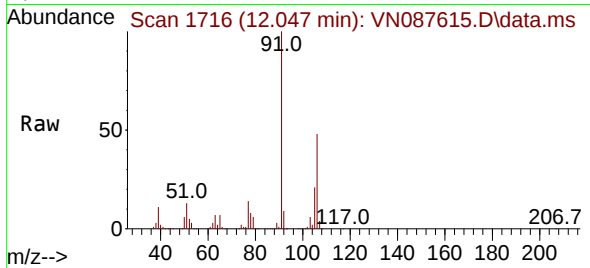




#67
m/p-Xylenes
Concen: 37.673 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

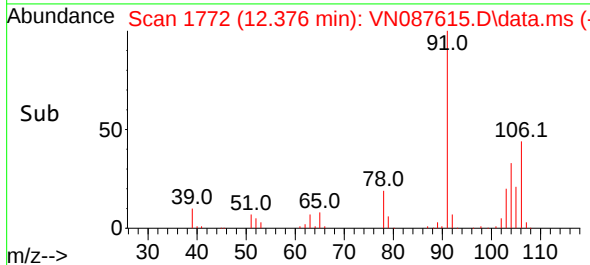
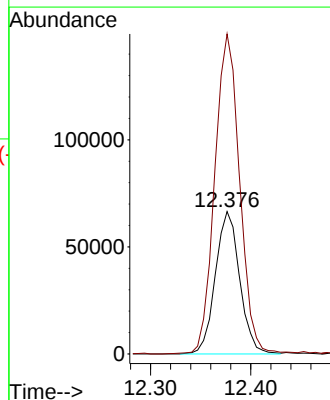
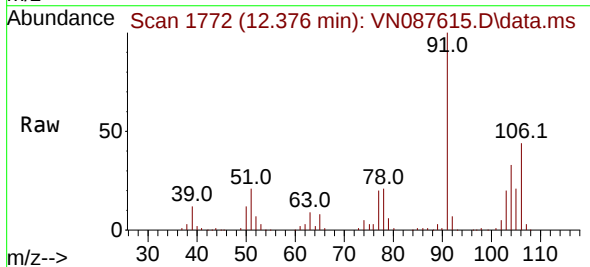
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

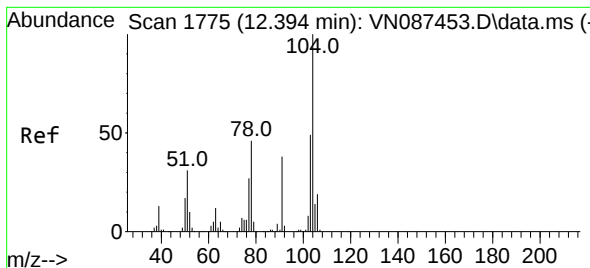
Tgt Ion:106 Resp: 230551
Ion Ratio Lower Upper
106 100
91 217.9 174.2 261.2



#68
o-Xylene
Concen: 18.596 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion:106 Resp: 111959
Ion Ratio Lower Upper
106 100
91 230.9 114.5 343.5





#69

Styrene

Concen: 18.590 ug/l

RT: 12.394 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087615.D

Acq: 21 Aug 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

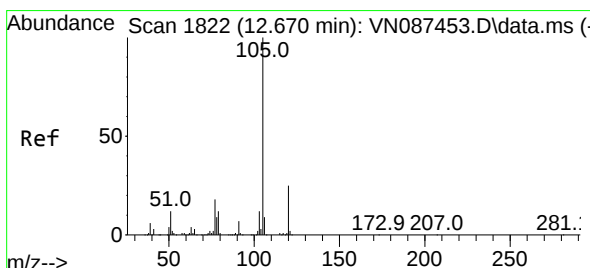
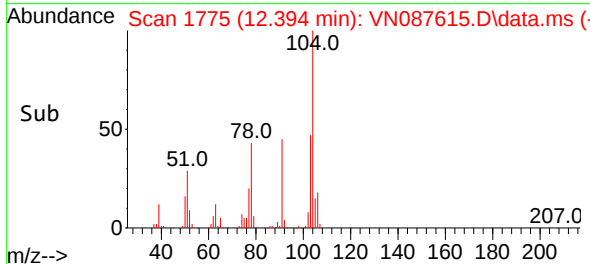
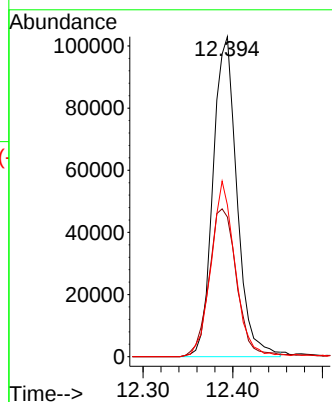
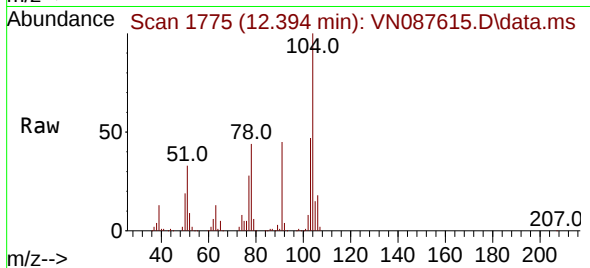
Tgt Ion:104 Resp: 191104

Ion Ratio Lower Upper

104 100

78 53.0 43.8 65.8

103 54.9 43.1 64.7



#70

Isopropylbenzene

Concen: 19.159 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.006 min

Lab File: VN087615.D

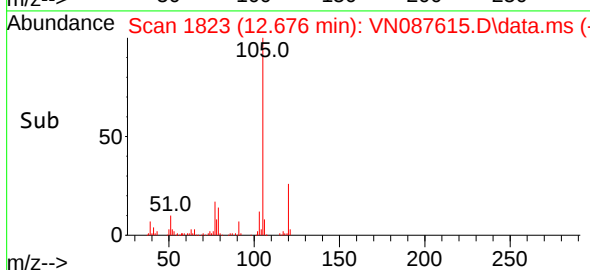
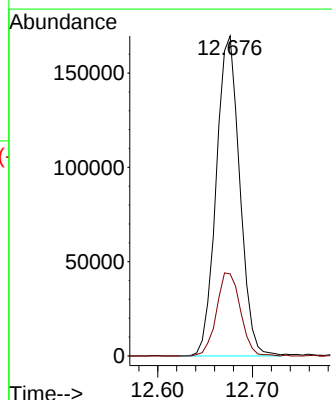
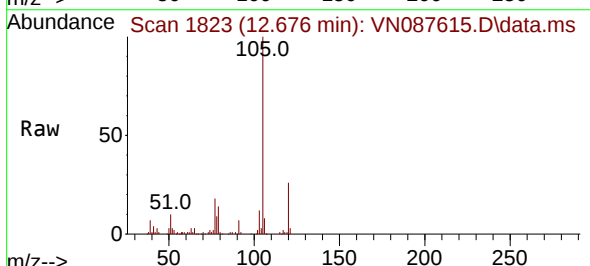
Acq: 21 Aug 2025 10:04

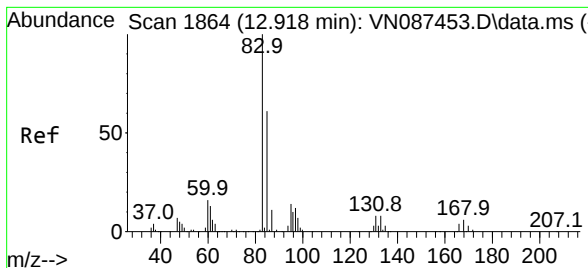
Tgt Ion:105 Resp: 293048

Ion Ratio Lower Upper

105 100

120 26.2 17.5 32.5

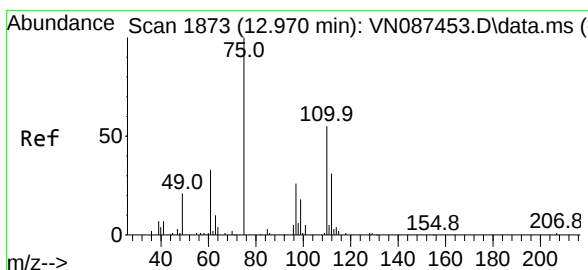
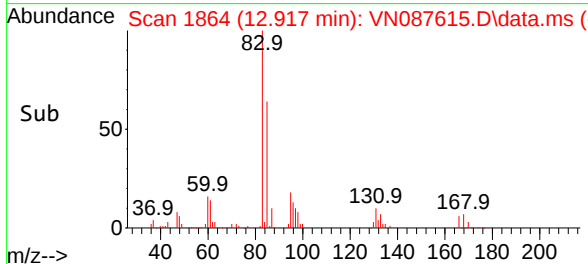
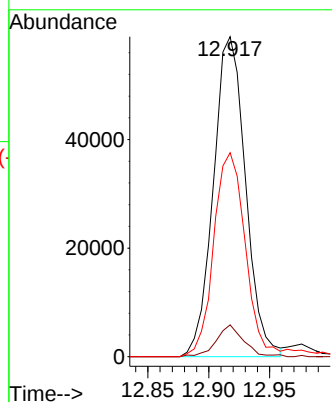
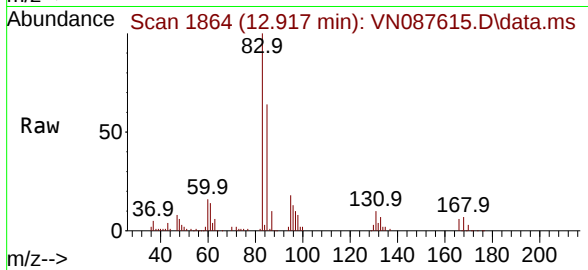




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.697 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN087615.D
 Acq: 21 Aug 2025 10:04

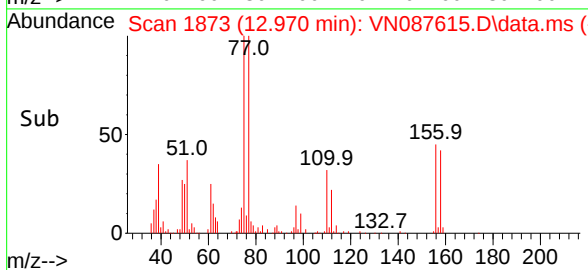
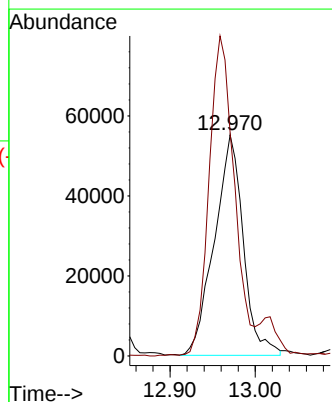
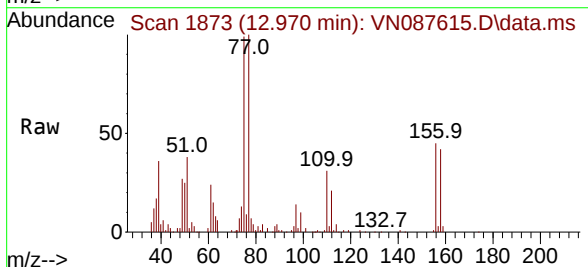
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

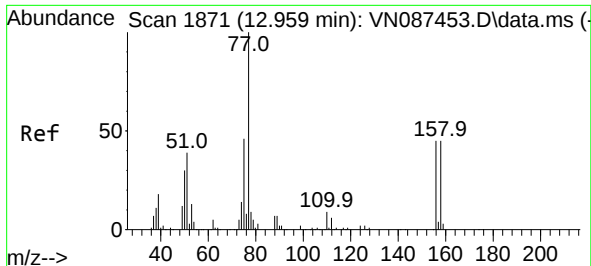
Tgt Ion: 83 Resp: 108471
 Ion Ratio Lower Upper
 83 100
 131 8.3 4.8 14.3
 85 62.3 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 26.517 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087615.D
 Acq: 21 Aug 2025 10:04

Tgt Ion: 75 Resp: 129465
 Ion Ratio Lower Upper
 75 100
 77 126.4 0.0 385.0

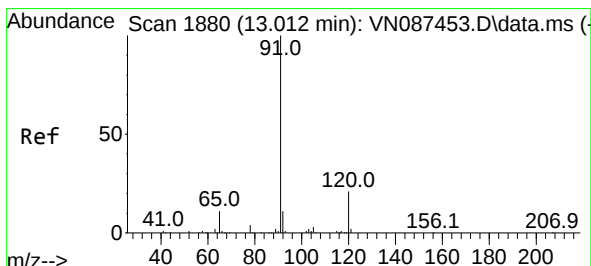
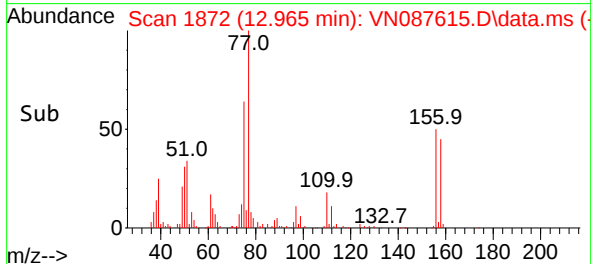
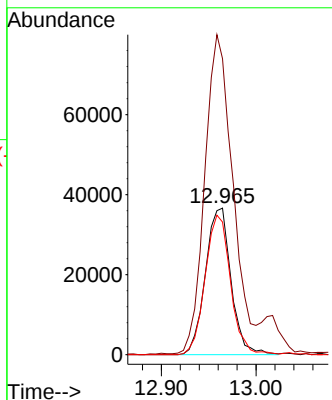
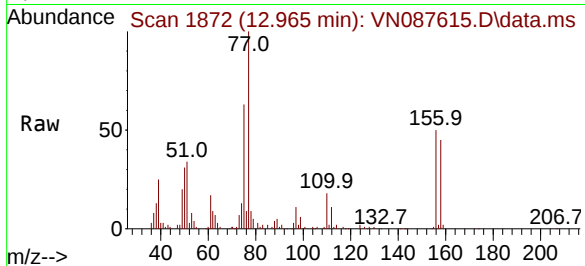




#73
Bromobenzene
Concen: 19.381 ug/l
RT: 12.965 min Scan# 1872
Delta R.T. 0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

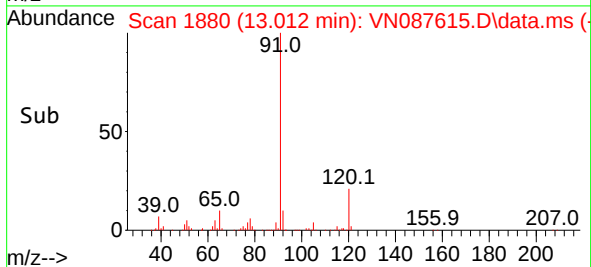
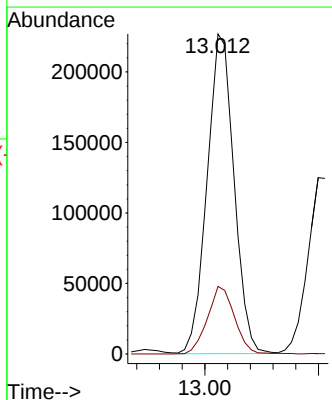
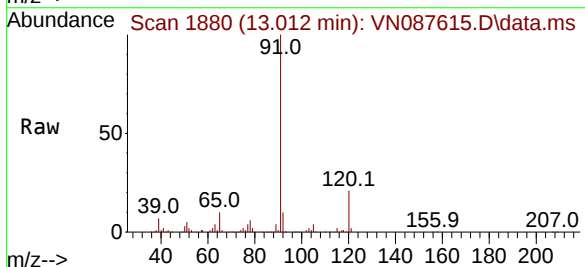
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

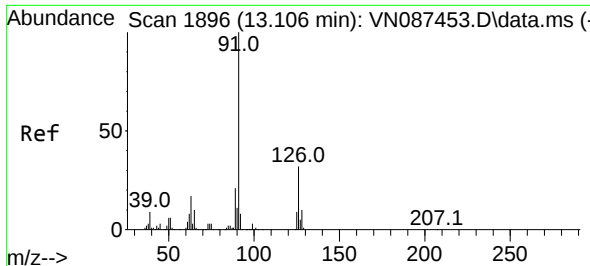
Tgt Ion:156 Resp: 68724
Ion Ratio Lower Upper
156 100
77 238.2 0.0 506.6
158 93.4 0.0 193.6



#74
n-propylbenzene
Concen: 19.551 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 91 Resp: 373471
Ion Ratio Lower Upper
91 100
120 21.2 0.0 41.8

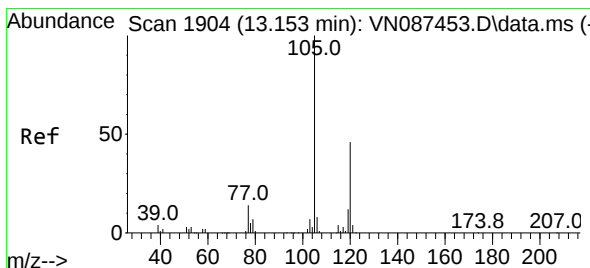
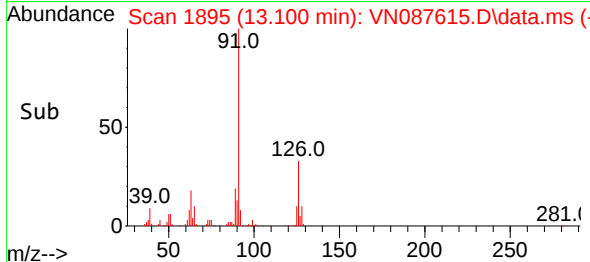
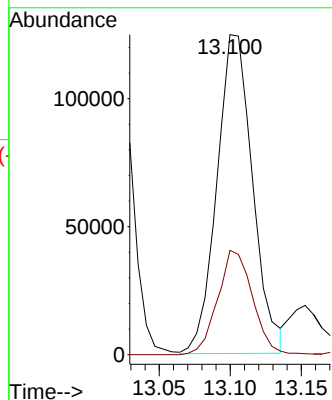
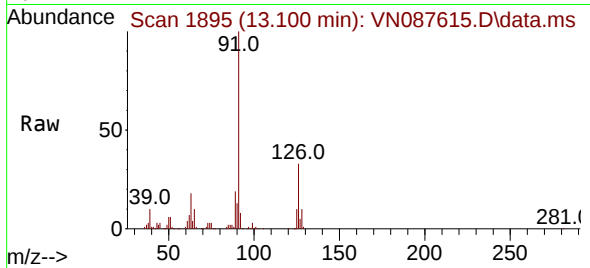




#75
2-Chlorotoluene
Concen: 18.582 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

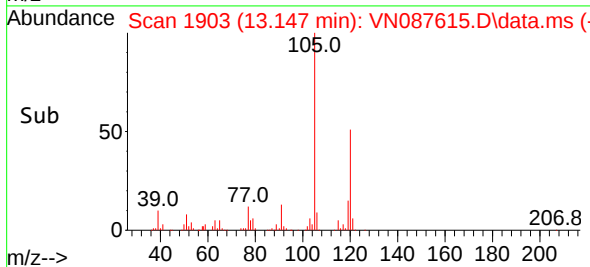
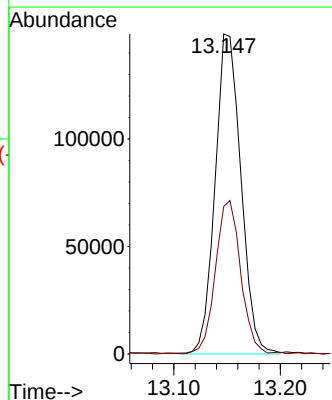
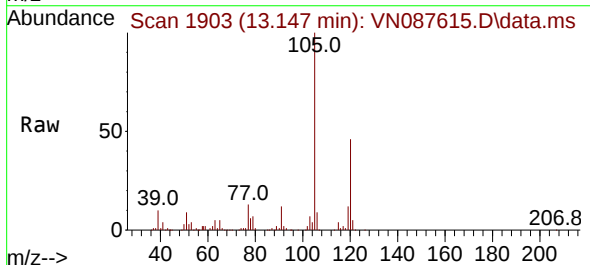
Instrument :
MSVOA_N
ClientSampleId :
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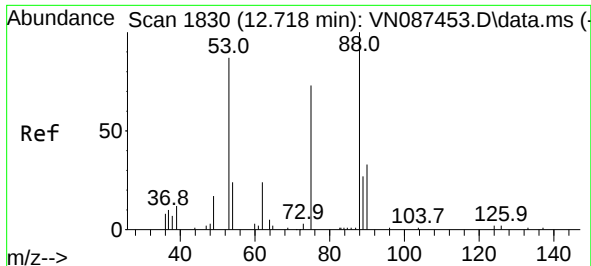
Tgt Ion: 91 Resp: 218349
Ion Ratio Lower Upper
91 100
126 31.9 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 19.152 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 105 Resp: 250823
Ion Ratio Lower Upper
105 100
120 46.7 0.0 91.2

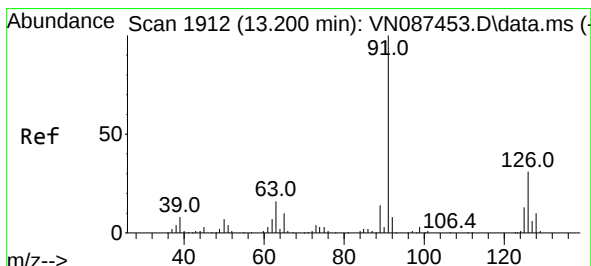
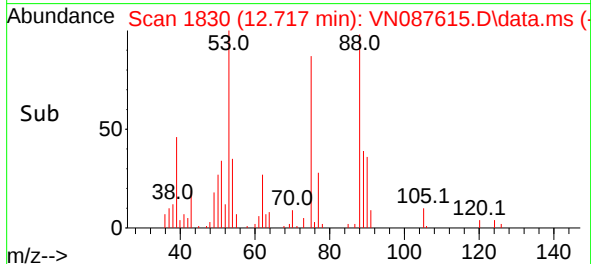
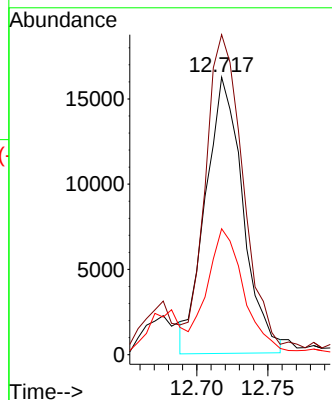
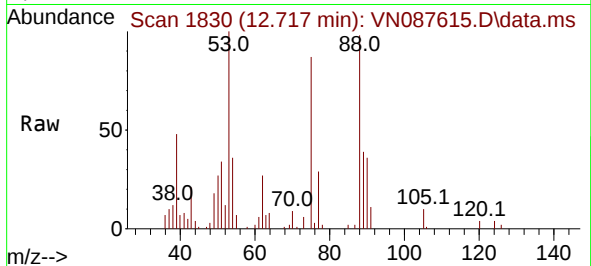




#77
t-1,4-Dichloro-2-butene
Concen: 16.069 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

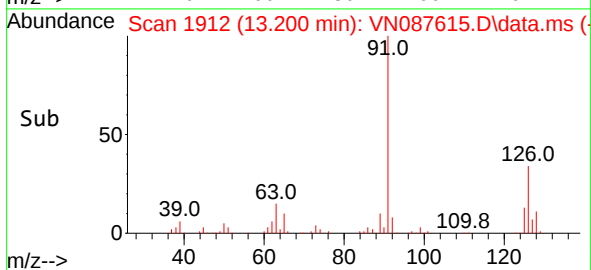
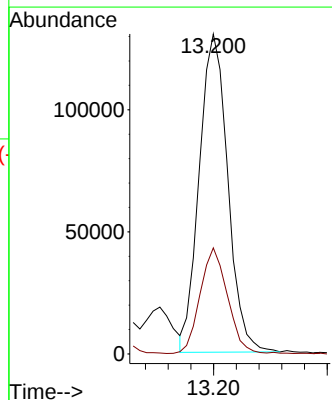
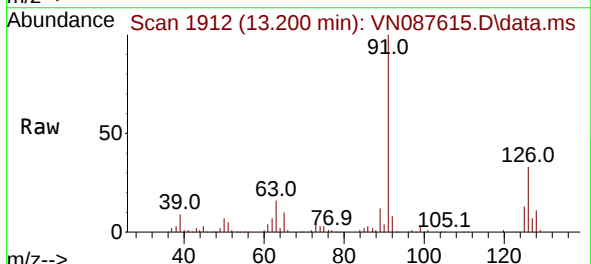
Instrument :
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ClientSampleId :
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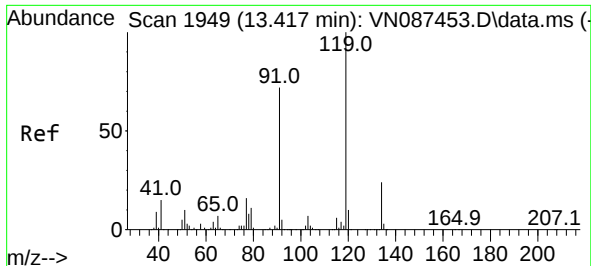
Tgt Ion: 75 Resp: 29699
Ion Ratio Lower Upper
75 100
53 118.0 59.0 176.8
89 45.6 22.1 66.5



#78
4-Chlorotoluene
Concen: 19.086 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 91 Resp: 227280
Ion Ratio Lower Upper
91 100
126 32.1 0.0 63.2

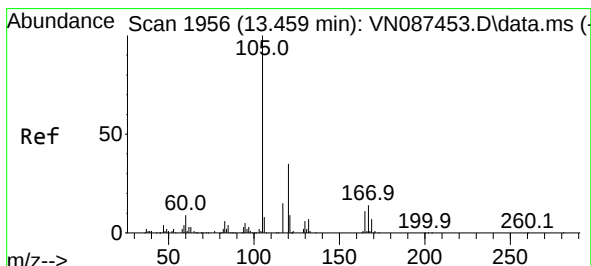
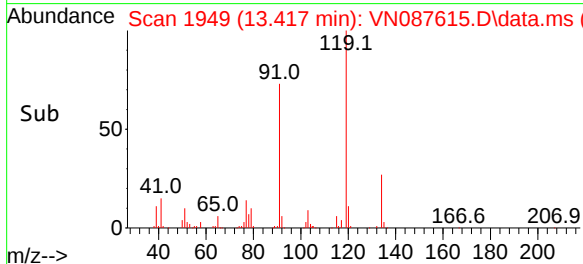
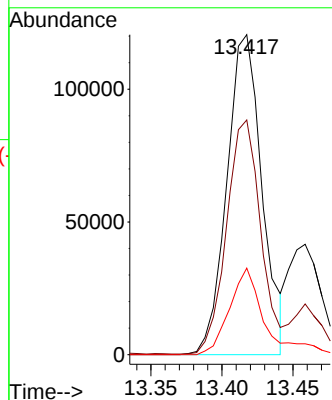
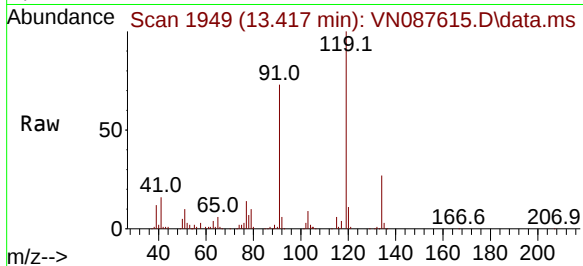




#79
tert-butylbenzene
Concen: 18.822 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

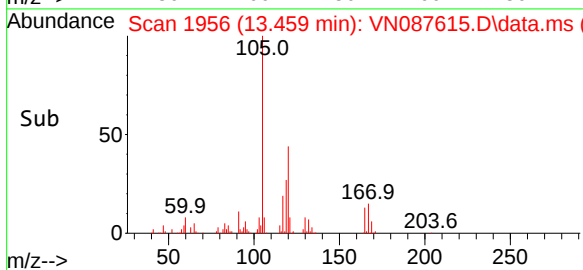
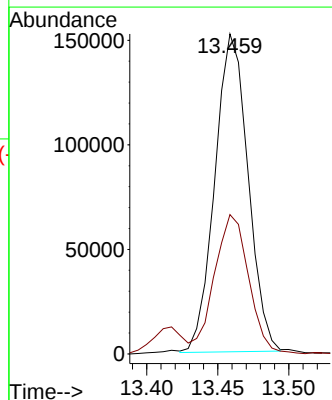
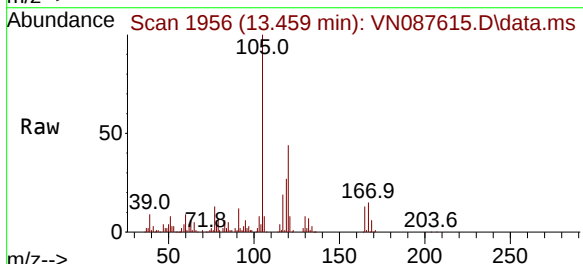
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

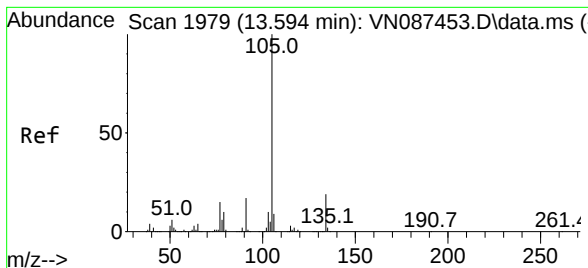
Tgt Ion:119 Resp: 207837
Ion Ratio Lower Upper
119 100
91 70.8 0.0 141.6
134 23.8 0.0 45.6



#80
1,2,4-Trimethylbenzene
Concen: 18.862 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion:105 Resp: 246837
Ion Ratio Lower Upper
105 100
120 45.2 0.0 87.2

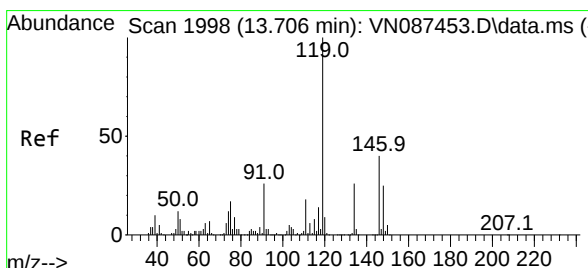
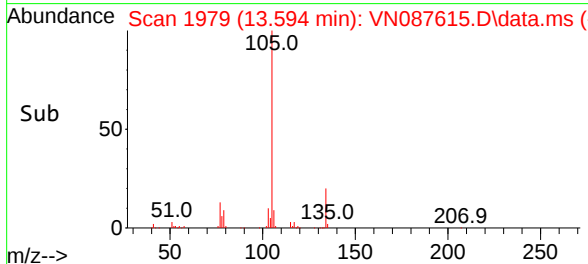
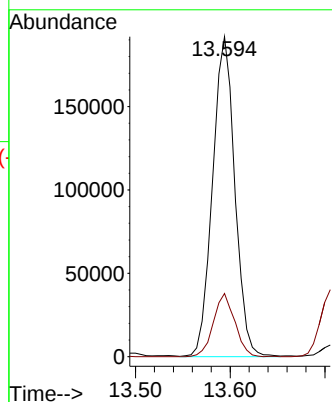
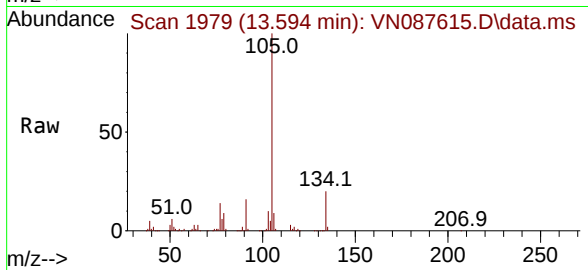




#81
 sec-Butylbenzene
 Concen: 19.551 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087615.D
 Acq: 21 Aug 2025 10:04

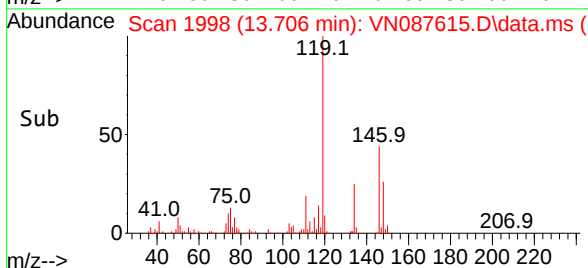
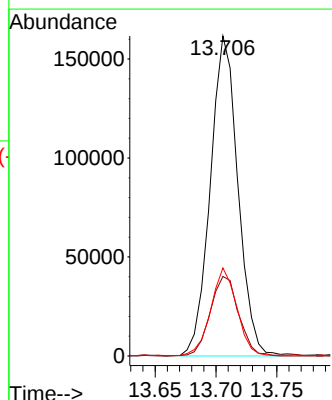
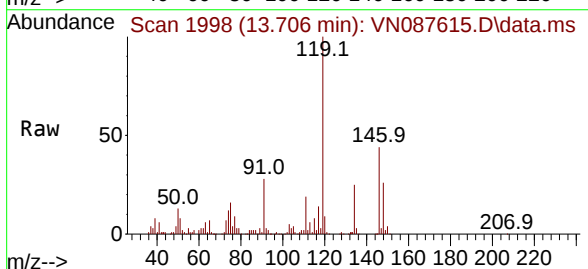
Instrument :
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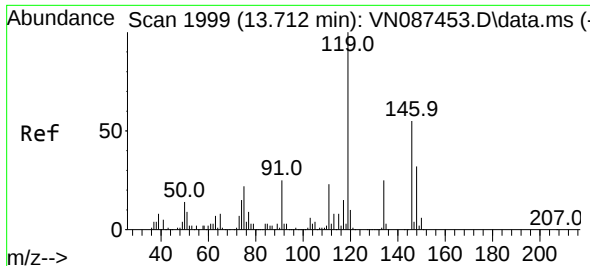
Tgt Ion:105 Resp: 314280
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 37.6



#82
 p-Isopropyltoluene
 Concen: 19.124 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087615.D
 Acq: 21 Aug 2025 10:04

Tgt Ion:119 Resp: 255242
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 51.4
 91 25.8 0.0 52.0

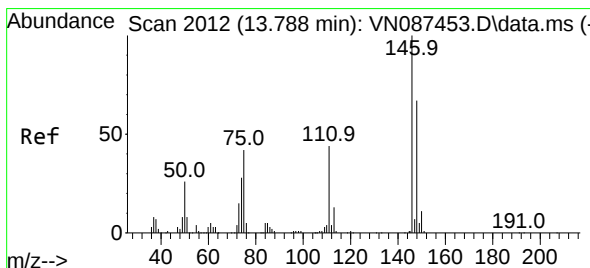
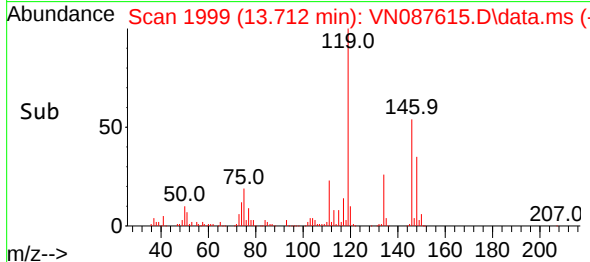
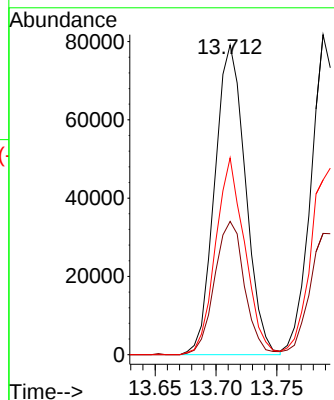
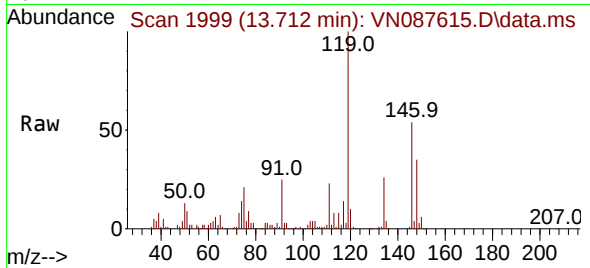




#83
 1,3-Dichlorobenzene
 Concen: 20.624 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087615.D
 Acq: 21 Aug 2025 10:04

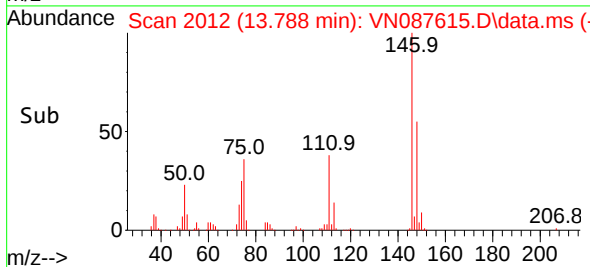
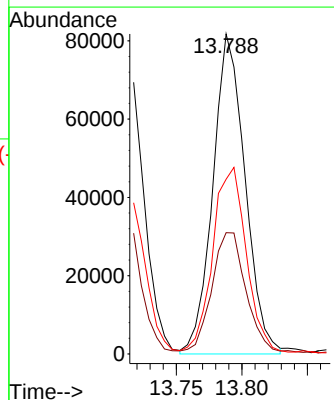
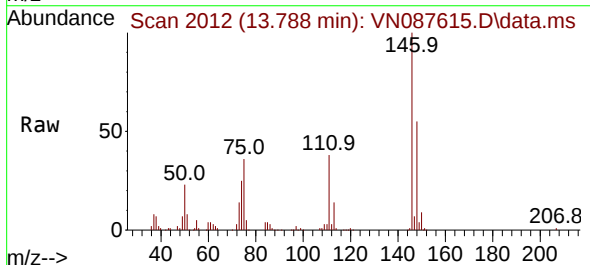
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

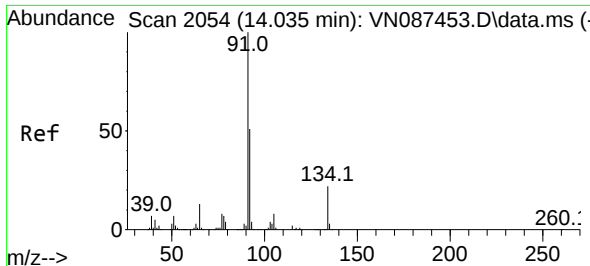
Tgt Ion:146 Resp: 139255
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.9 65.5
 148 60.4 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 20.396 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087615.D
 Acq: 21 Aug 2025 10:04

Tgt Ion:146 Resp: 139621
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.1 63.1
 148 61.1 31.4 94.3

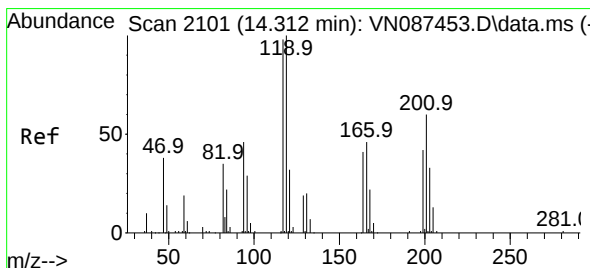
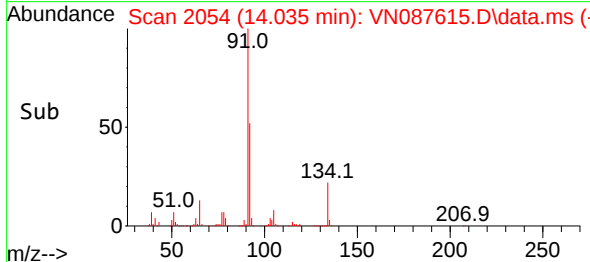
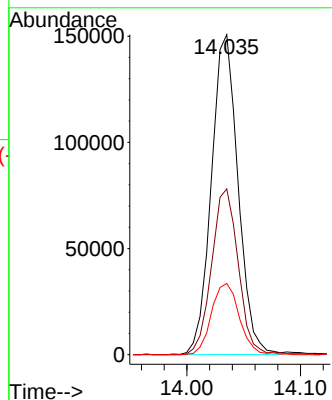
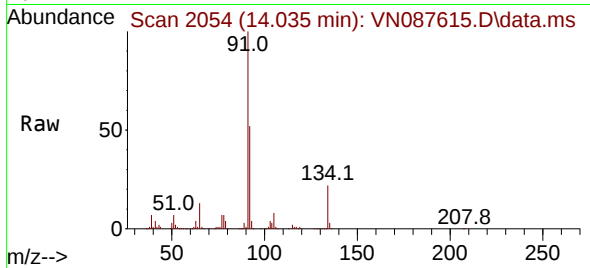




#85
n-Butylbenzene
Concen: 18.855 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

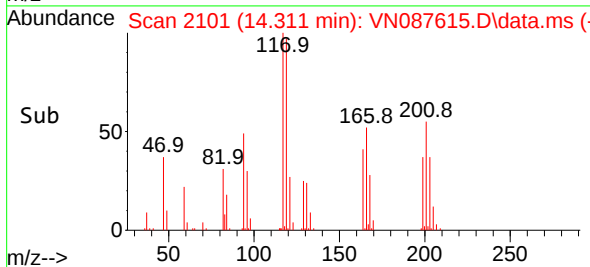
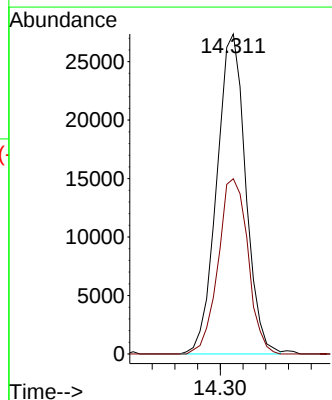
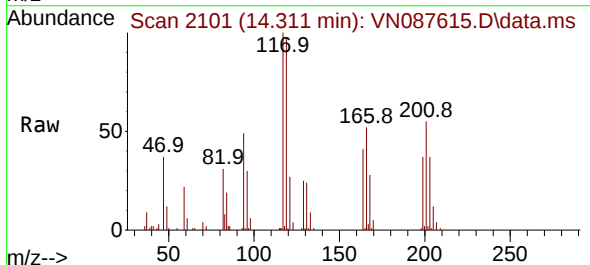
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

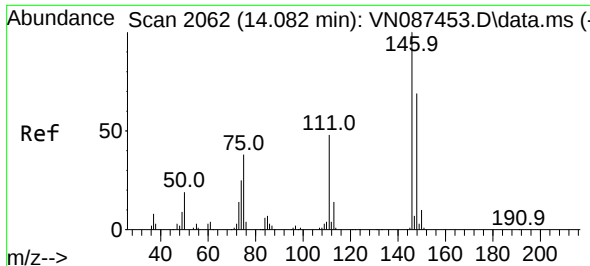
Tgt Ion: 91 Resp: 246221
Ion Ratio Lower Upper
91 100
92 51.3 0.0 106.6
134 23.1 0.0 44.4



#86
Hexachloroethane
Concen: 18.559 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 117 Resp: 48371
Ion Ratio Lower Upper
117 100
201 56.3 29.1 87.4

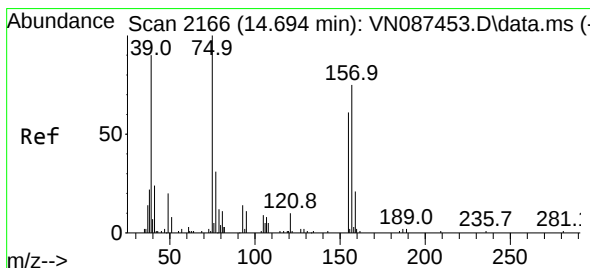
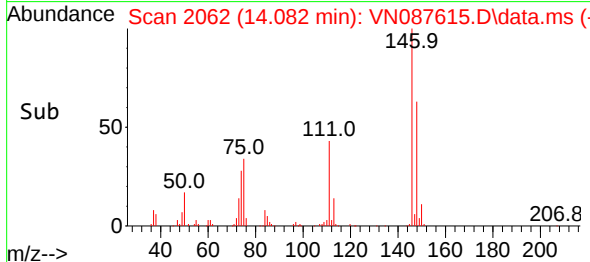
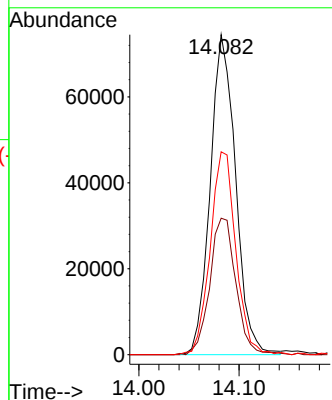
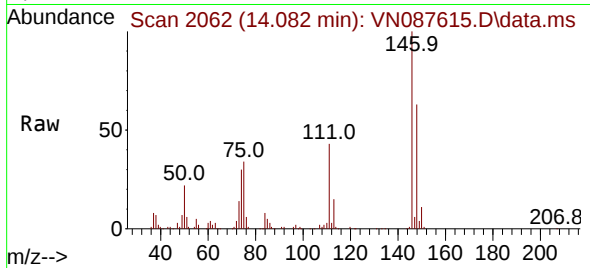




#87
1,2-Dichlorobenzene
Concen: 20.321 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

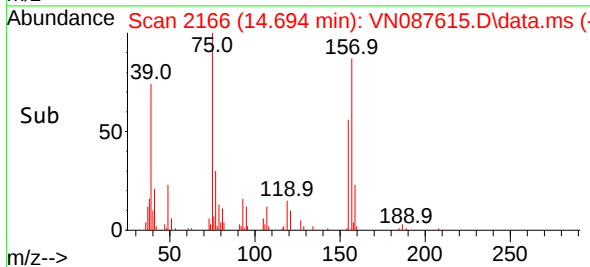
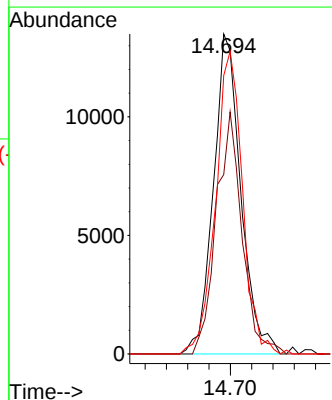
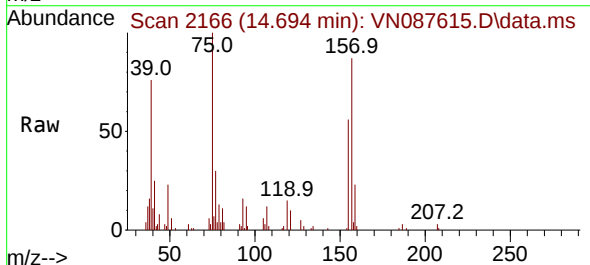
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

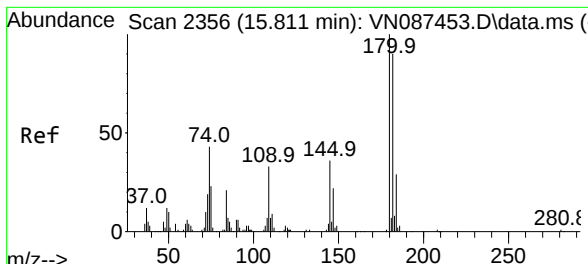
Tgt Ion:146 Resp: 130977
Ion Ratio Lower Upper
146 100
111 43.6 22.9 68.7
148 63.8 31.6 94.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.163 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion: 75 Resp: 24115
Ion Ratio Lower Upper
75 100
155 71.2 55.7 83.5
157 91.4 65.8 98.6

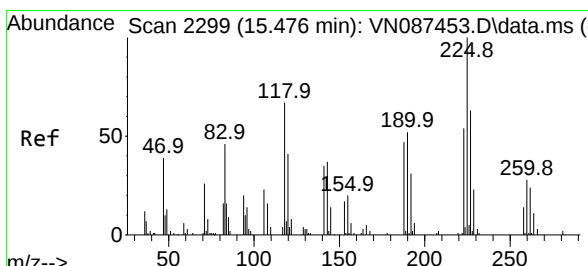
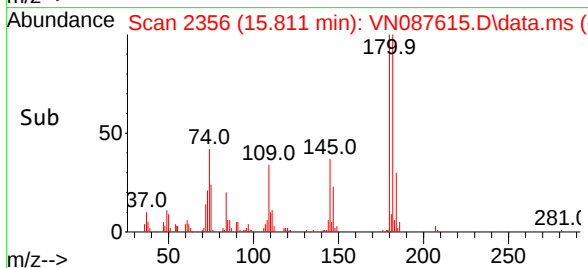
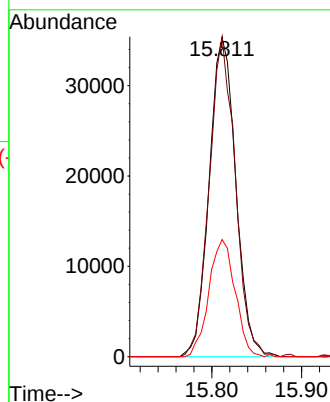
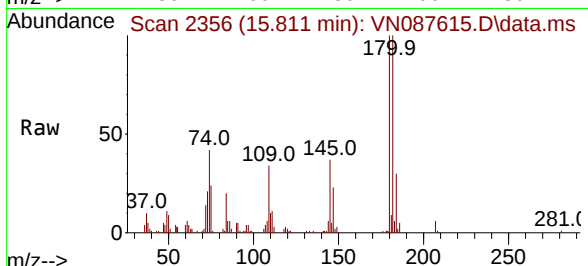




#89
1,2,4-Trichlorobenzene
Concen: 18.908 ug/l
RT: 15.811 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

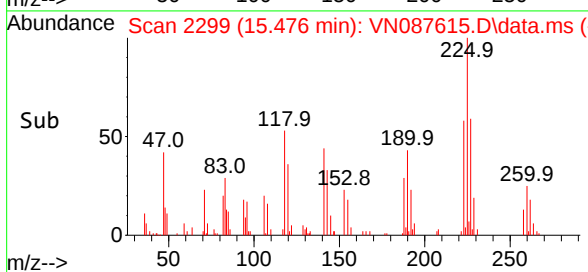
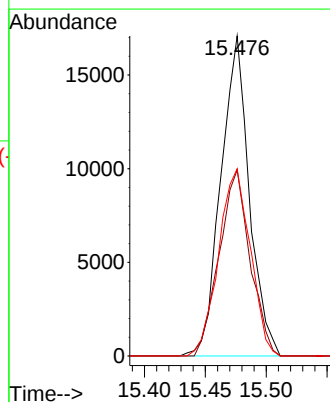
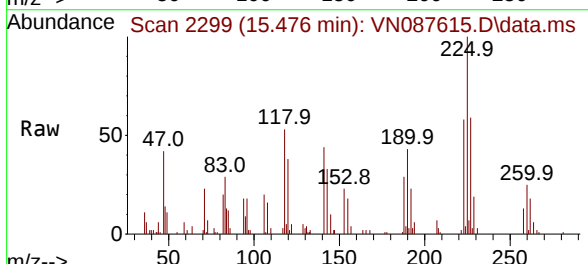
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

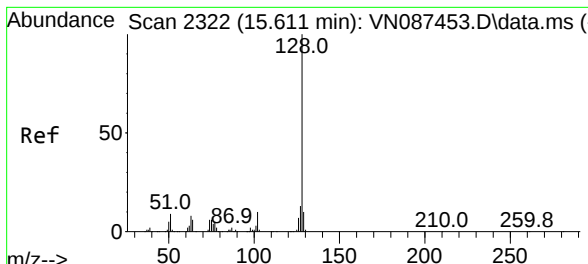
Tgt Ion:180 Resp: 72831
Ion Ratio Lower Upper
180 100
182 97.5 75.0 112.4
145 36.1 28.6 43.0



#90
Hexachlorobutadiene
Concen: 18.516 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN087615.D
Acq: 21 Aug 2025 10:04

Tgt Ion:225 Resp: 27734
Ion Ratio Lower Upper
225 100
223 63.1 0.0 116.0
227 65.4 0.0 127.0

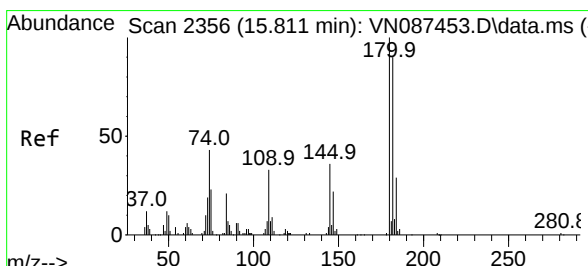
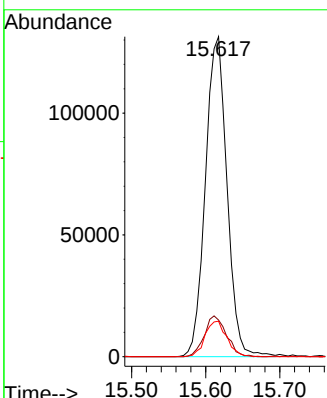
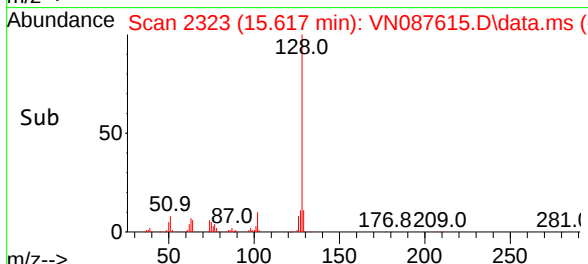
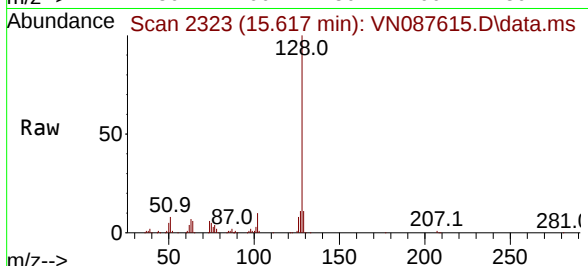




#91
 Naphthalene
 Concen: 18.123 ug/l
 RT: 15.617 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087615.D
 Acq: 21 Aug 2025 10:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:	128	Resp:	266178
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.2	8.9	13.3



#92
 1,2,3-Trichlorobenzene
 Concen: 18.908 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. -0.000 min
 Lab File: VN087615.D
 Acq: 21 Aug 2025 10:04

Tgt Ion:	180	Resp:	72831
Ion	Ratio	Lower	Upper
180	100		
182	97.5	0.0	187.4
145	36.1	0.0	71.6

