

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041425\
 Data File : VN086275.D
 Acq On : 14 Apr 2025 17:38
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Apr 15 03:14:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	34095	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	201530	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	181024	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	96579	29.042	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.800%		
60) 4-Bromofluorobenzene	12.847	95	107218	29.749	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.167%		
63) Toluene-d8	10.565	98	301204	29.473	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.233%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53870	19.720	ug/l	96
3) Chloromethane	2.359	50	58350	15.454	ug/l	99
4) Vinyl Chloride	2.518	62	68621	19.081	ug/l	100
5) Bromomethane	2.965	94	26778	14.927	ug/l	99
6) Chloroethane	3.124	64	43417	19.118	ug/l	97
7) Trichlorofluoromethane	3.500	101	76929	19.719	ug/l	97
8) Diethyl Ether	3.959	74	33858	18.819	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	46905	19.498	ug/l	98
10) 1,1-Dichloroethene	4.342	96	49188	18.946	ug/l	99
11) Methyl Iodide	4.589	142	41101	13.774	ug/l	99
12) Methyl Acetate	5.024	43	71326	19.455	ug/l	98
13) Acrolein	4.183	56	44607	107.038	ug/l	96
14) Acrylonitrile	5.712	53	140719	90.919	ug/l	98
15) Acetone	4.424	58	35733	91.054	ug/l	89
16) Carbon Disulfide	4.712	76	142636	19.160	ug/l	98
17) Allyl chloride	5.024	41	82244	18.176	ug/l	98
18) Methylene Chloride	5.271	84	56334	19.031	ug/l	90
19) trans-1,2-Dichloroethene	5.789	96	50592	18.500	ug/l	94
20) Diisopropyl ether	6.671	45	184260	18.941	ug/l	98
21) 1,1-Dichloroethane	6.565	63	101448	19.546	ug/l	99
22) cis-1,2-Dichloroethene	7.483	96	62843	19.291	ug/l	99
23) tert-Butyl Alcohol	5.518	59	56187	87.613	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	179850	19.196	ug/l	99
25) Chloroform	7.959	83	99390	20.082	ug/l	98
26) Cyclohexane	8.253	56	91442	18.832	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	70772	19.603	ug/l	99
30) 2-Butanone	7.477	43	186885	93.421	ug/l	99
31) 2,2-Dichloropropane	7.488	77	86945	19.565	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	84878	20.438	ug/l	99
33) Carbon Tetrachloride	8.365	117	67982	20.484	ug/l	96
34) Benzene	8.606	78	230800	20.095	ug/l	96
35) Methacrylonitrile	7.771	41	41899	18.579	ug/l	98
36) 1,2-Dichloroethane	8.665	62	73575	20.471	ug/l	98
37) Trichloroethene	9.353	130	53549	19.323	ug/l	97
38) Methylcyclohexane	9.594	83	82854	18.713	ug/l	100
39) 1,2-Dichloropropane	9.618	63	57003	19.945	ug/l	96
40) Dibromomethane	9.706	93	37302	20.209	ug/l	97
41) Bromodichloromethane	9.882	83	78824	19.878	ug/l	96
42) Vinyl Acetate	6.600	43	674636	99.073	ug/l	99

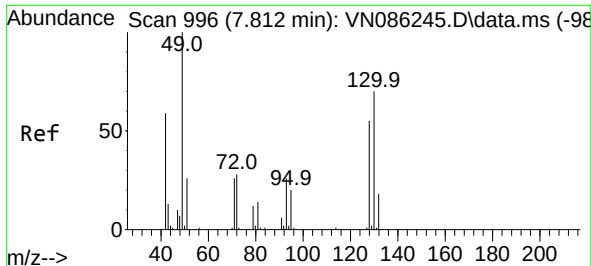
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041425\
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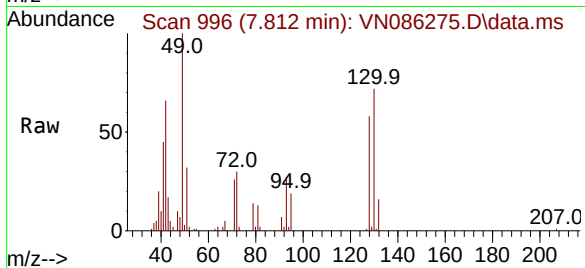
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	76059	18.850	ug/l	98
44) Isopropyl Acetate	8.682	43	134628	17.985	ug/l	96
45) 1,4-Dioxane	9.688	88	23416	393.391	ug/l #	94
46) Methyl methacrylate	9.677	41	62973	19.093	ug/l	93
47) n-amyl Acetate	12.488	43	121005	20.388	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	88571	19.757	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	94652	19.949	ug/l	99
50) 1,1,2-Trichloroethane	11.012	97	52544	20.296	ug/l	98
51) Ethyl methacrylate	10.871	69	95527	19.856	ug/l	100
52) 1,3-Dichloropropane	11.159	76	93899	20.349	ug/l	99
53) Dibromochloromethane	11.359	129	57755	20.395	ug/l	99
54) 1,2-Dibromoethane	11.465	107	53031	20.292	ug/l	99
55) 2-Chloroethyl vinyl ether	10.153	63	221351	121.759	ug/l	99
56) Bromoform	12.576	173	37771	20.387	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	391338	95.263	ug/l	99
59) 2-Hexanone	11.194	43	285815	93.436	ug/l	99
61) Tetrachloroethene	11.100	164	50766	18.990	ug/l	95
62) Toluene	10.624	91	247900	20.417	ug/l	99
64) Chlorobenzene	11.888	112	150402	20.275	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	51728	21.130	ug/l	99
66) Ethyl Benzene	11.959	91	274082	20.355	ug/l	99
67) m/p-Xylenes	12.070	106	205474	41.038	ug/l	99
68) o-Xylene	12.394	106	102718	20.857	ug/l	99
69) Styrene	12.406	104	171277	20.622	ug/l	98
70) Isopropylbenzene	12.694	105	251651	20.724	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	77217	22.341	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	102227	28.414	ug/l	62
73) Bromobenzene	12.976	156	57330	21.312	ug/l	94
74) n-propylbenzene	13.035	91	295376	20.600	ug/l	100
75) 2-Chlorotoluene	13.123	91	185617	20.596	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	204477	20.499	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	29794	17.960	ug/l	98
78) 4-Chlorotoluene	13.217	91	184248	20.470	ug/l	100
79) tert-butylbenzene	13.435	119	175515	20.335	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	205501	20.317	ug/l	100
81) sec-Butylbenzene	13.612	105	241580	20.065	ug/l	99
82) p-Isopropyltoluene	13.723	119	200525	19.965	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	104528	20.906	ug/l	100
84) 1,4-Dichlorobenzene	13.806	146	102938	20.523	ug/l	99
85) n-Butylbenzene	14.053	91	172367	19.024	ug/l	98
86) Hexachloroethane	14.329	117	33717	19.901	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	102545	20.772	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	15139	19.231	ug/l	98
89) 1,2,4-Trichlorobenzene	15.835	180	45876	19.099	ug/l	99
90) Hexachlorobutadiene	15.500	225	19250	18.562	ug/l	97
91) Naphthalene	15.635	128	170963	18.052	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	45876	19.099	ug/l	99

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

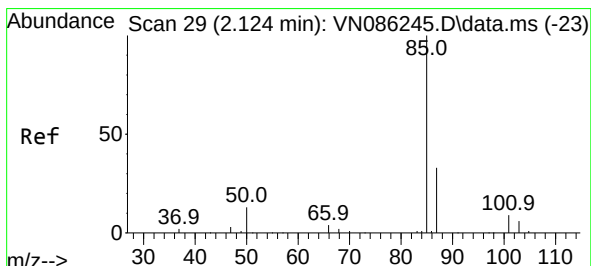
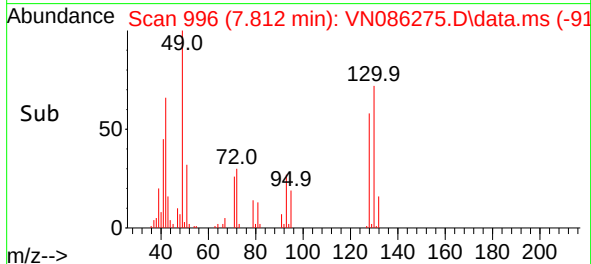
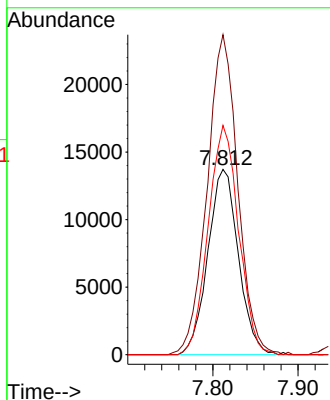


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086275.D
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VSTDCCC020EC

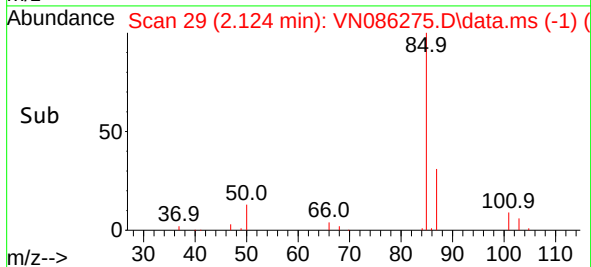
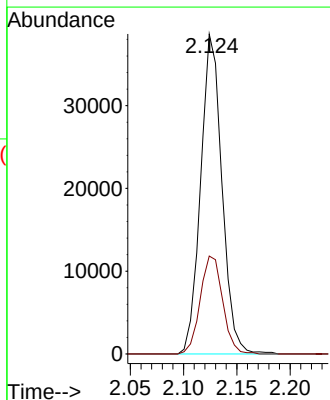
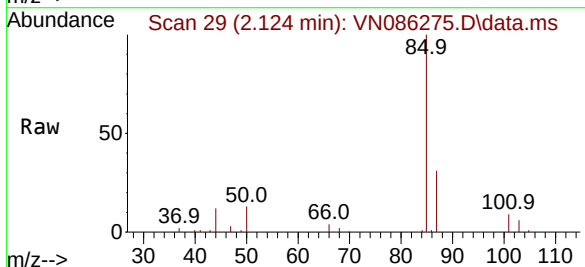


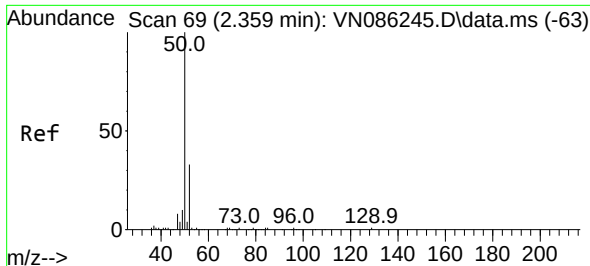
Tgt Ion	Ratio	Lower	Upper
128	100		
49	173.3	0.0	452.5
130	123.7	0.0	315.0



#2
Dichlorodifluoromethane
Concen: 19.720 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.6	16.3	48.9

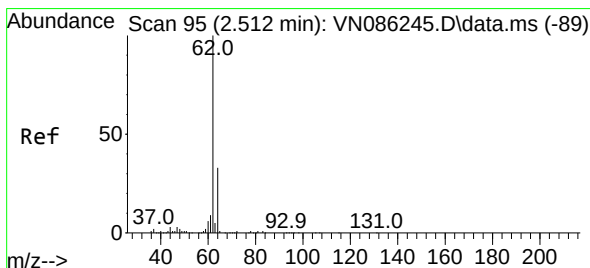
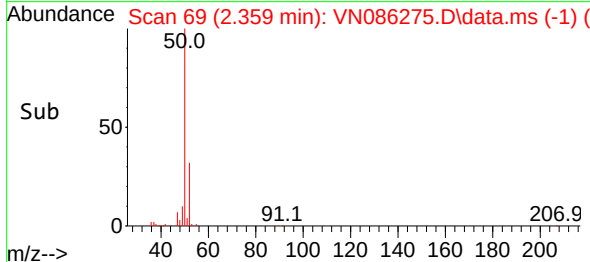
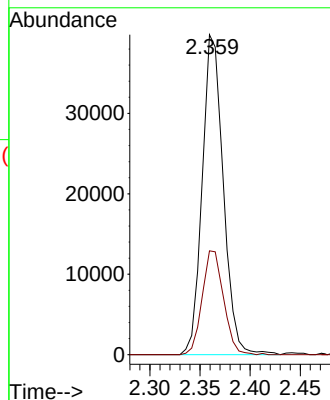
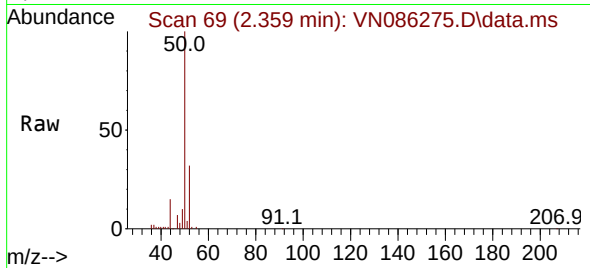




#3
Chloromethane
Concen: 15.454 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

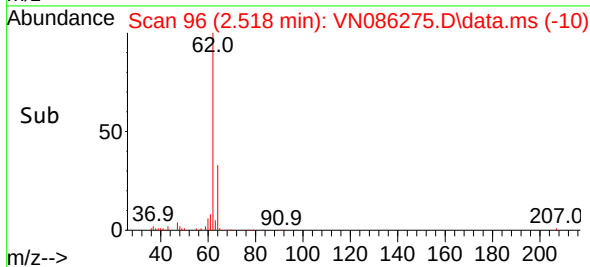
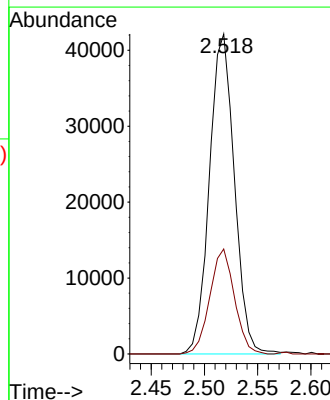
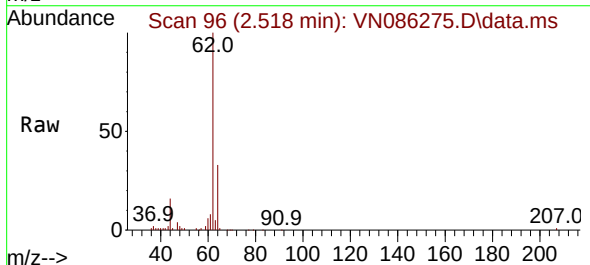
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ClientSampleId :
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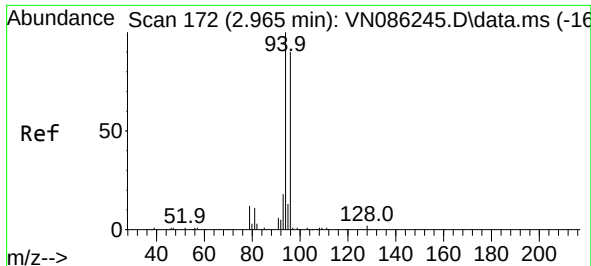
Tgt Ion: 50 Resp: 58350
Ion Ratio Lower Upper
50 100
52 32.4 26.4 39.6



#4
Vinyl Chloride
Concen: 19.081 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 62 Resp: 68621
Ion Ratio Lower Upper
62 100
64 32.8 26.3 39.5

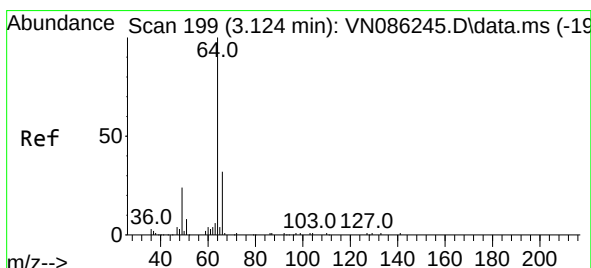
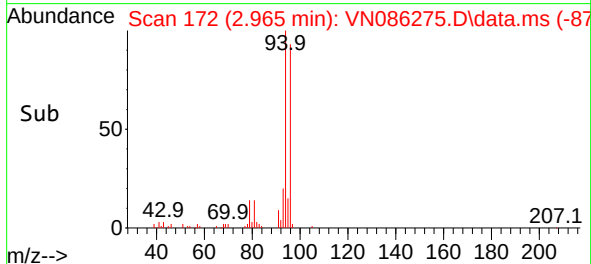
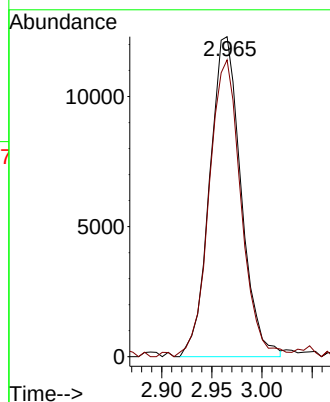
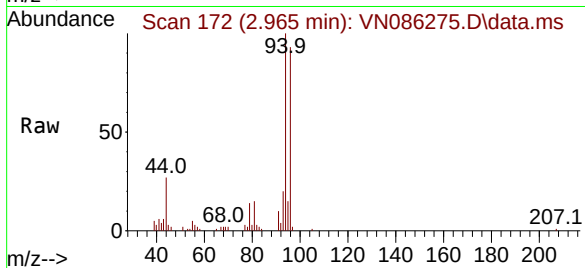




#5
Bromomethane
Concen: 14.927 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

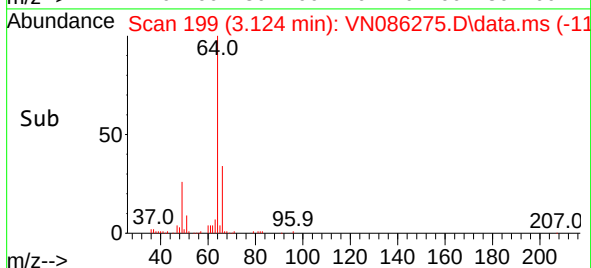
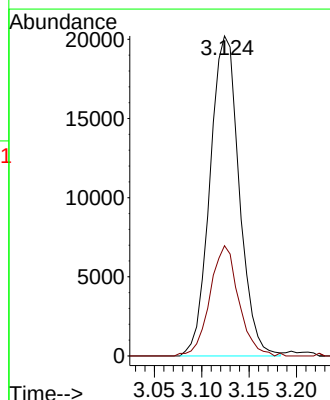
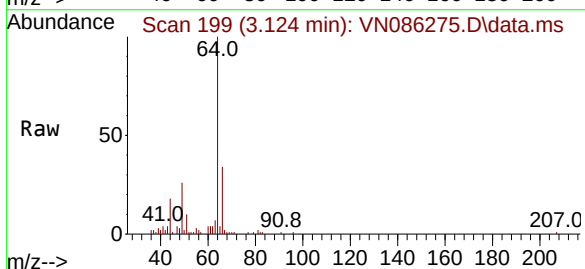
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ClientSampleId :
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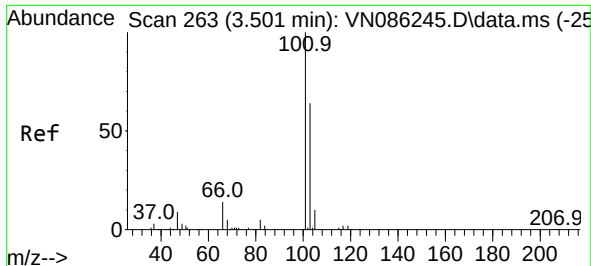
Tgt Ion: 94 Resp: 26778
Ion Ratio Lower Upper
94 100
96 91.4 72.2 108.2



#6
Chloroethane
Concen: 19.118 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 64 Resp: 43417
Ion Ratio Lower Upper
64 100
66 33.7 25.7 38.5

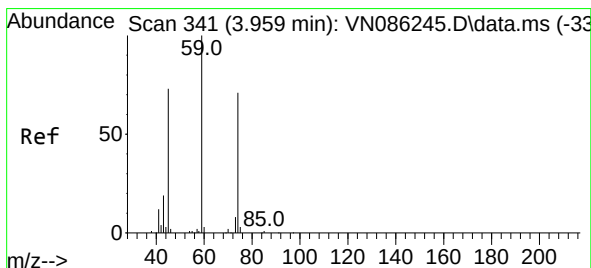
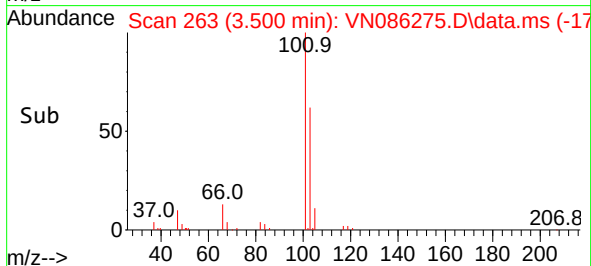
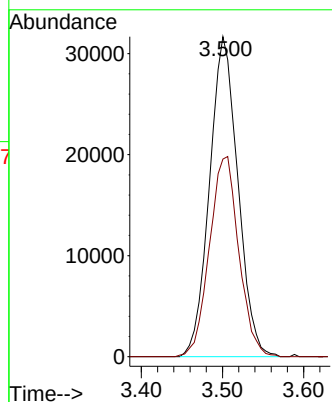
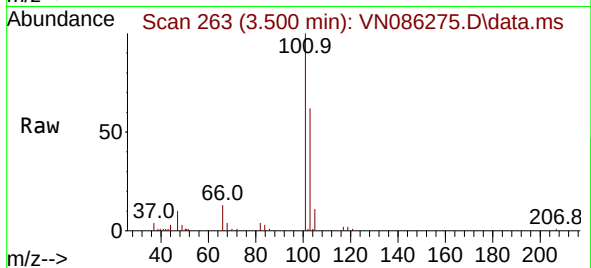




#7
 Trichlorofluoromethane
 Concen: 19.719 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086275.D
 Acq: 14 Apr 2025 17:38

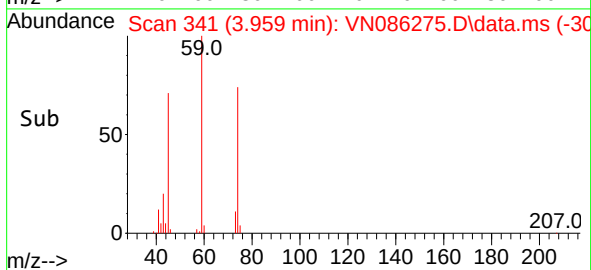
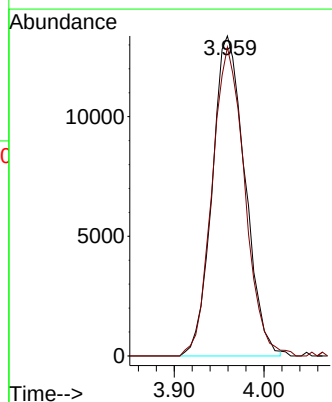
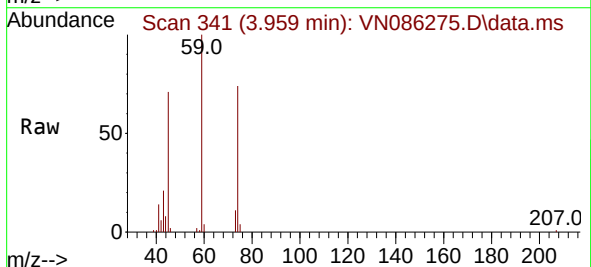
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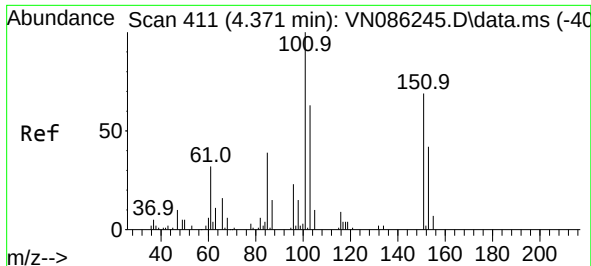
Tgt Ion:101 Resp: 76929
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.2 76.8



#8
 Diethyl Ether
 Concen: 18.819 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086275.D
 Acq: 14 Apr 2025 17:38

Tgt Ion: 74 Resp: 33858
 Ion Ratio Lower Upper
 74 100
 45 96.4 19.2 173.2

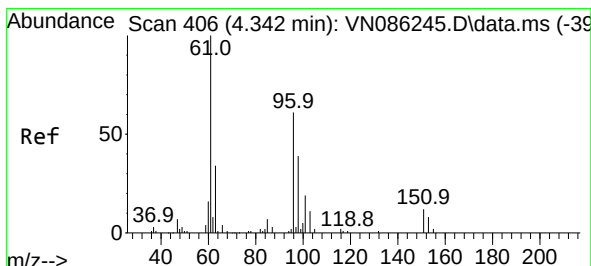
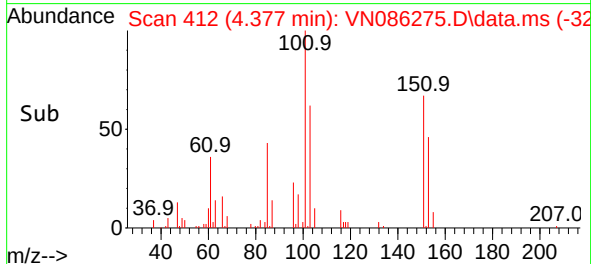
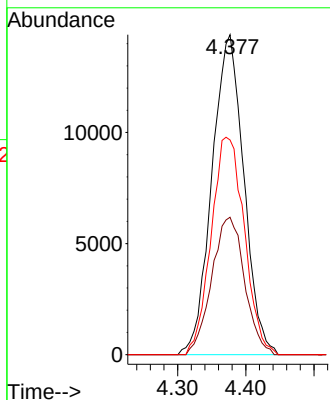
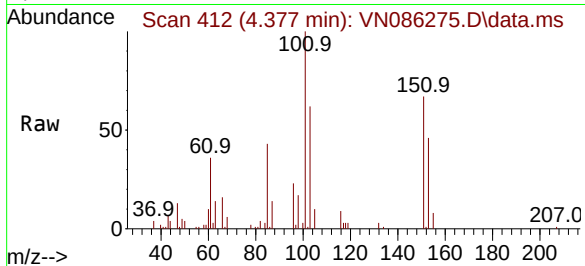




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.498 ug/l
 RT: 4.377 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VN086275.D
 Acq: 14 Apr 2025 17:38

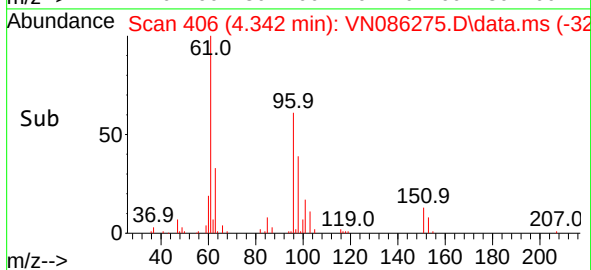
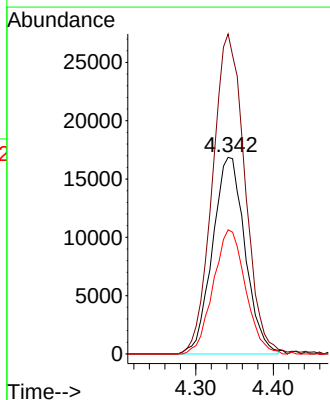
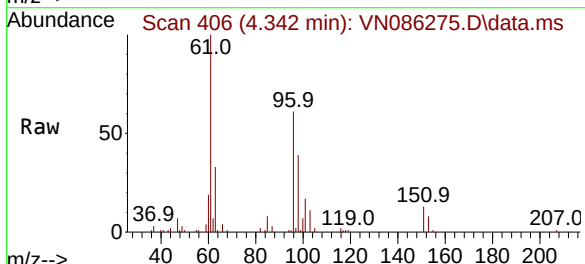
Instrument :
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 ClientSampleId :
 VSTDCCC020EC

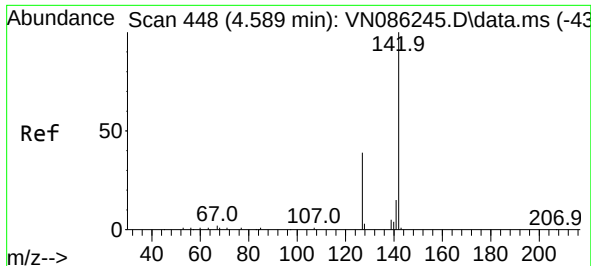
Tgt Ion:101 Resp: 46905
 Ion Ratio Lower Upper
 101 100
 85 44.2 0.0 93.0
 151 70.7 0.0 138.6



#10
 1,1-Dichloroethene
 Concen: 18.946 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN086275.D
 Acq: 14 Apr 2025 17:38

Tgt Ion: 96 Resp: 49188
 Ion Ratio Lower Upper
 96 100
 61 162.7 131.1 196.7
 98 63.1 51.6 77.4

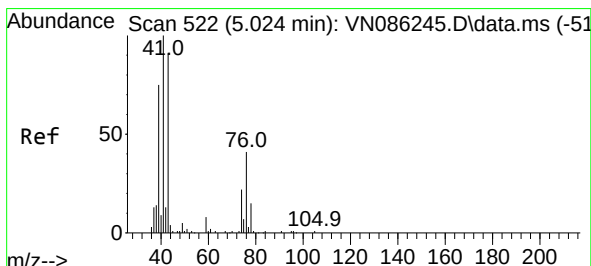
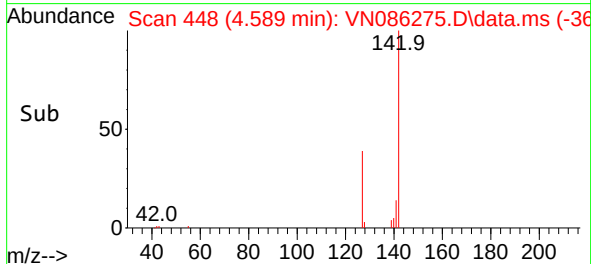
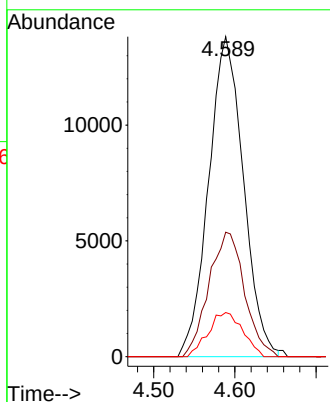
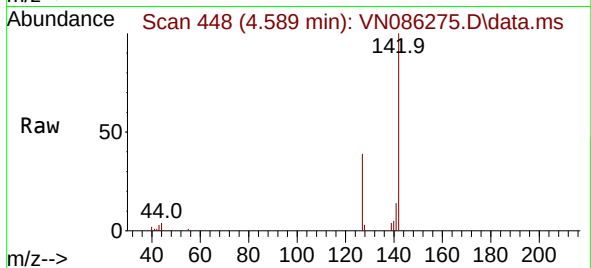




#11
Methyl Iodide
Concen: 13.774 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

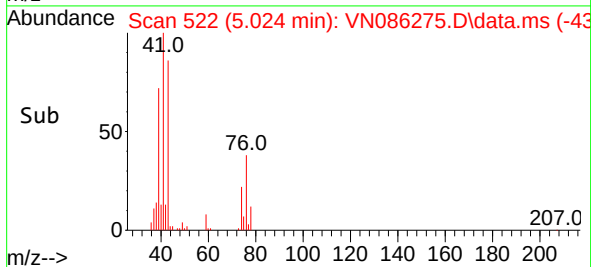
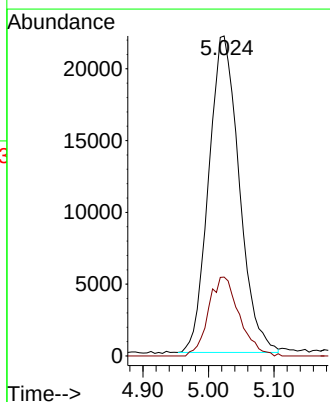
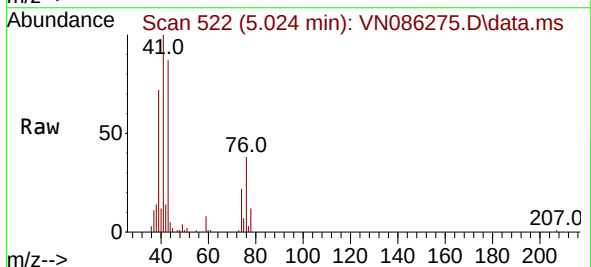
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

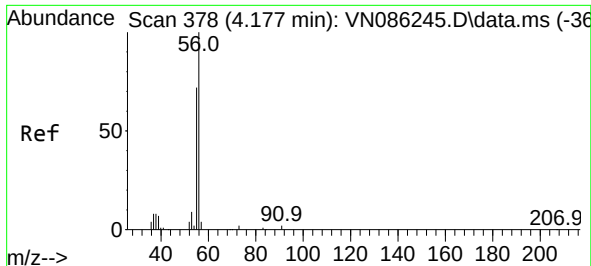
Tgt Ion:142 Resp: 41101
Ion Ratio Lower Upper
142 100
127 39.3 19.6 58.8
141 13.9 7.3 21.9



#12
Methyl Acetate
Concen: 19.455 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 43 Resp: 71326
Ion Ratio Lower Upper
43 100
74 24.7 19.1 28.7

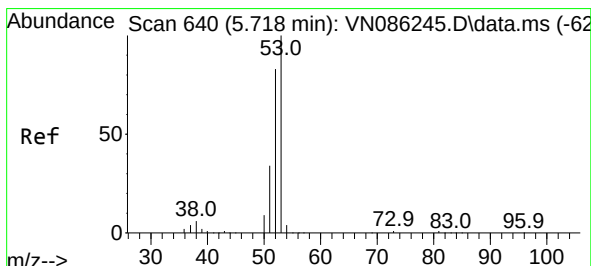
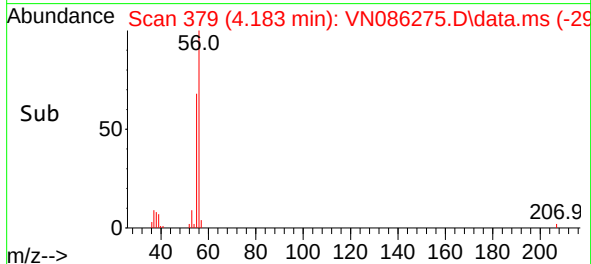
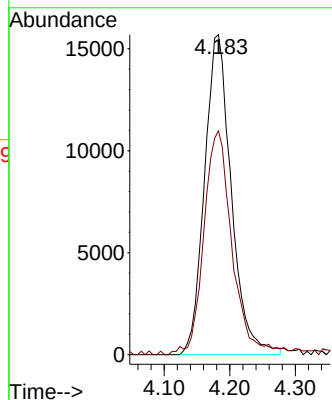
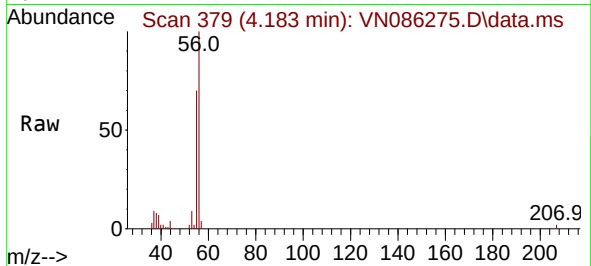




#13
Acrolein
Concen: 107.038 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

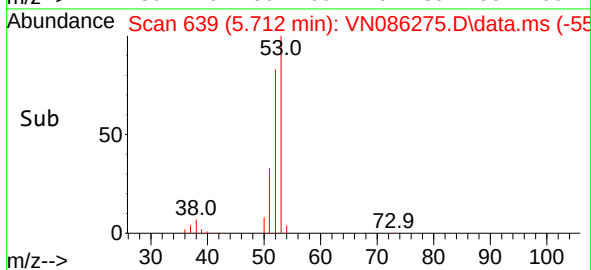
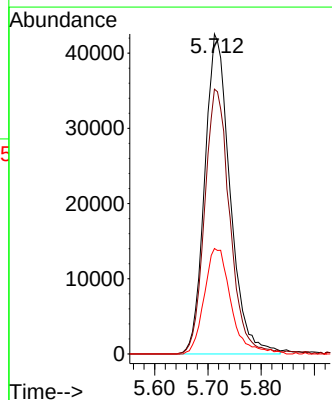
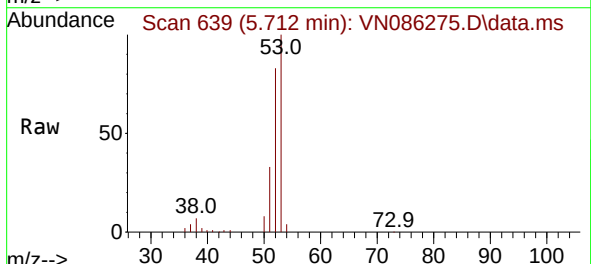
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

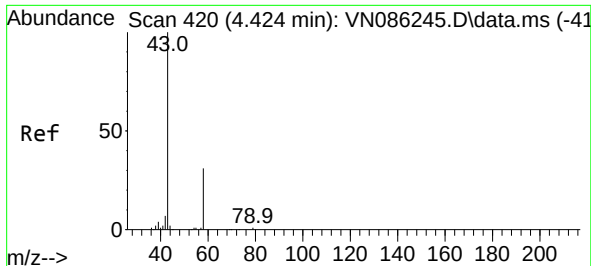
Tgt Ion: 56 Resp: 44607
Ion Ratio Lower Upper
56 100
55 67.1 56.5 84.7



#14
Acrylonitrile
Concen: 90.919 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 53 Resp: 140719
Ion Ratio Lower Upper
53 100
52 82.2 40.2 120.6
51 34.3 17.5 52.6





#15

Acetone

Concen: 91.054 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

Instrument :

MSVOA_N

ClientSampleId :

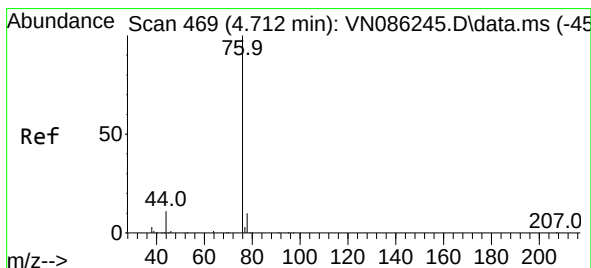
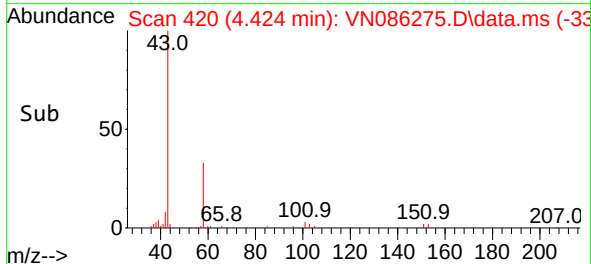
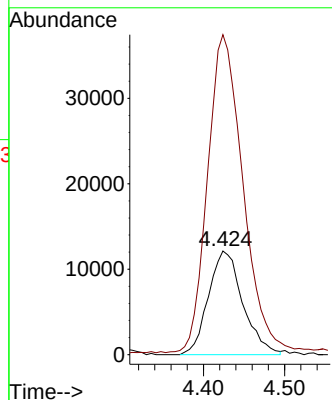
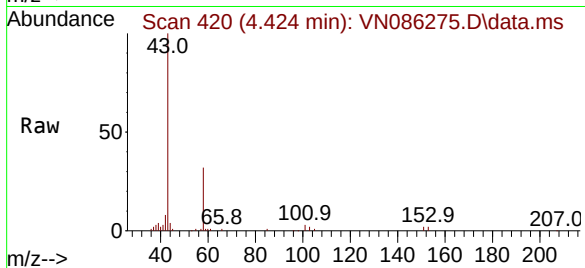
VSTDCCC020EC

Tgt Ion: 58 Resp: 35733

Ion Ratio Lower Upper

58 100

43 304.6 261.8 392.8



#16

Carbon Disulfide

Concen: 19.160 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN086275.D

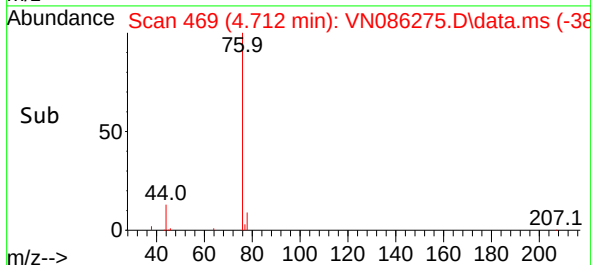
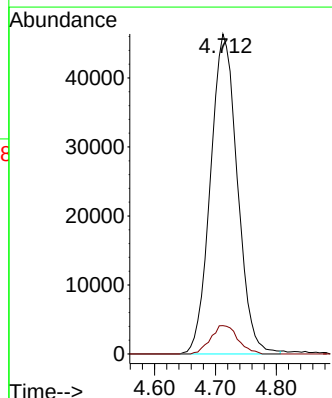
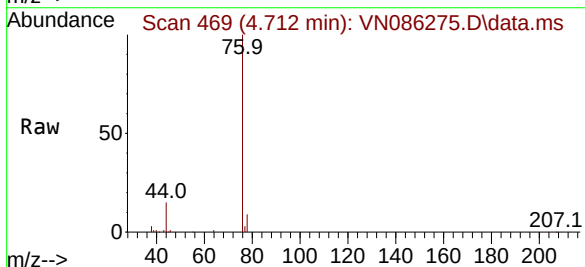
Acq: 14 Apr 2025 17:38

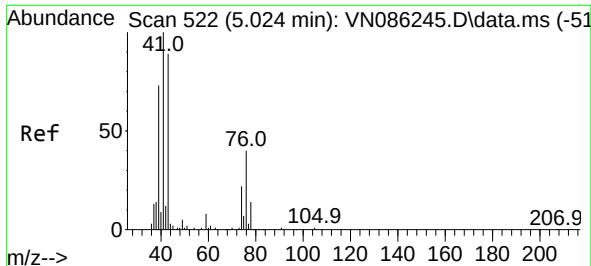
Tgt Ion: 76 Resp: 142636

Ion Ratio Lower Upper

76 100

78 8.9 7.7 11.5

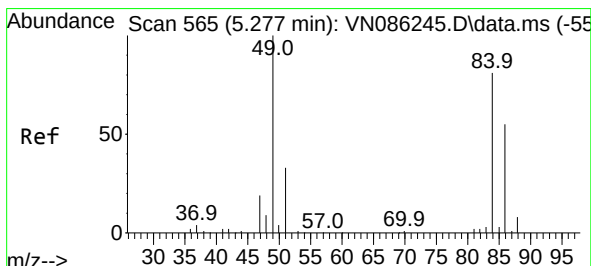
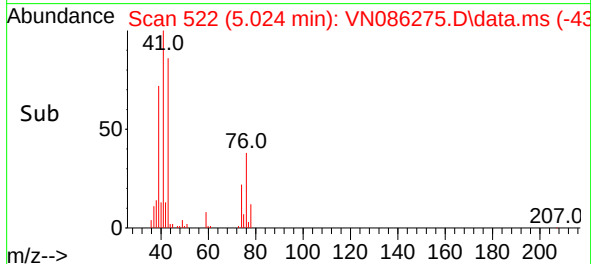
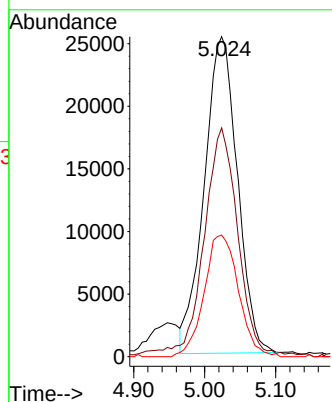
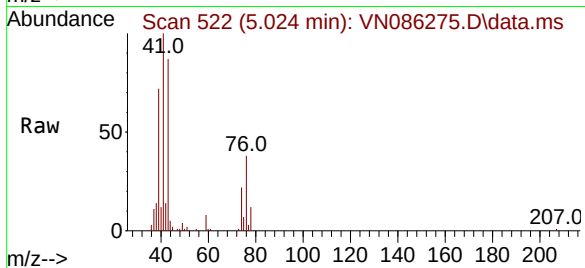




#17
 Allyl chloride
 Concen: 18.176 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN086275.D
 Acq: 14 Apr 2025 17:38

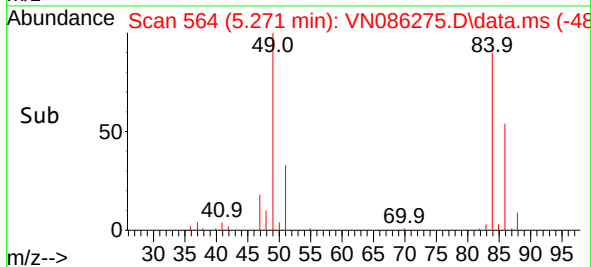
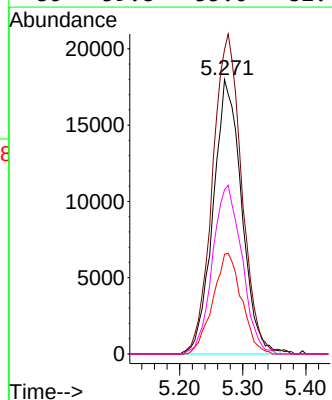
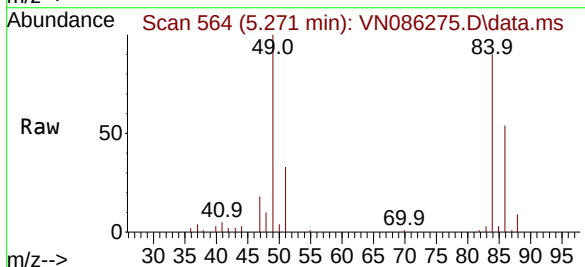
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

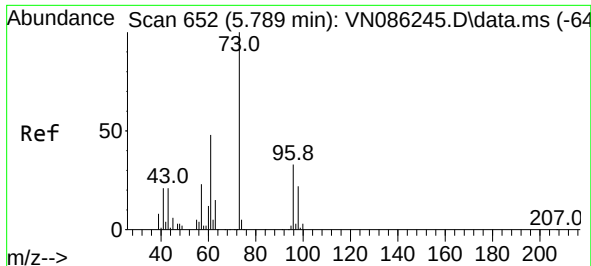
Tgt Ion: 41 Resp: 82244
 Ion Ratio Lower Upper
 41 100
 39 71.0 34.4 103.2
 76 38.5 18.8 56.3



#18
 Methylene Chloride
 Concen: 19.031 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN086275.D
 Acq: 14 Apr 2025 17:38

Tgt Ion: 84 Resp: 56334
 Ion Ratio Lower Upper
 84 100
 49 110.8 99.1 148.7
 51 36.3 32.3 48.5
 86 59.8 55.0 82.4





#19

trans-1,2-Dichloroethene

Concen: 18.500 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

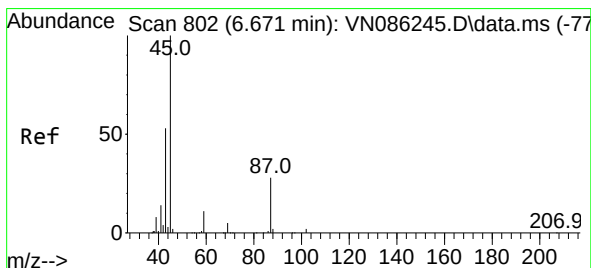
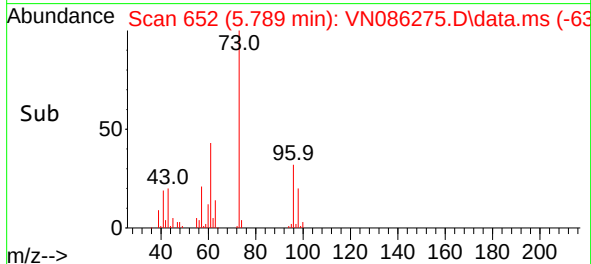
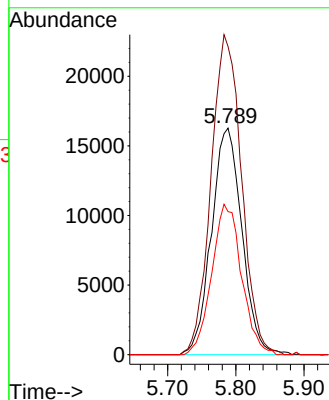
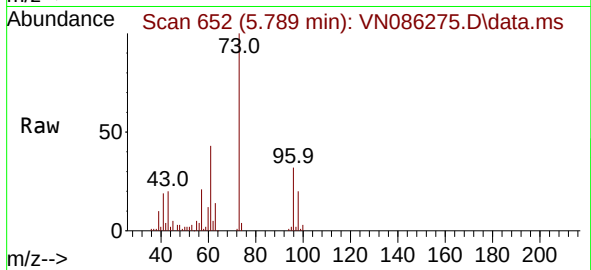
Tgt Ion: 96 Resp: 50592

Ion Ratio Lower Upper

96 100

61 136.0 115.9 173.9

98 63.1 52.1 78.1



#20

Diisopropyl ether

Concen: 18.941 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

Tgt Ion: 45 Resp: 184260

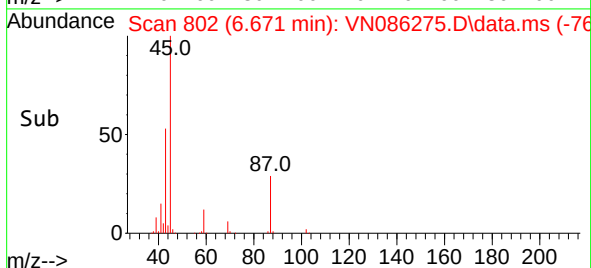
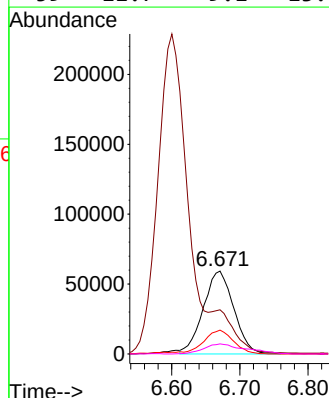
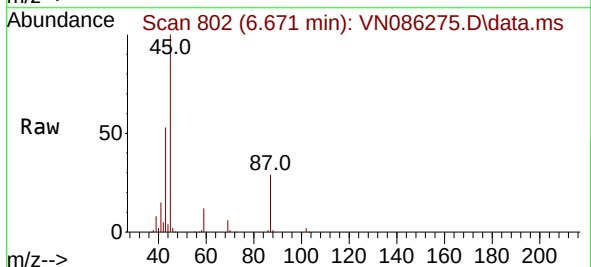
Ion Ratio Lower Upper

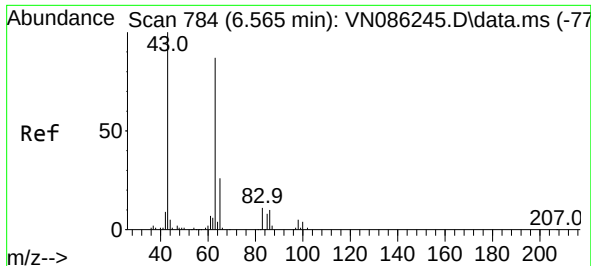
45 100

43 51.9 42.3 63.5

87 29.0 22.2 33.4

59 11.7 9.1 13.7





#21

1,1-Dichloroethane

Concen: 19.546 ug/l

RT: 6.565 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

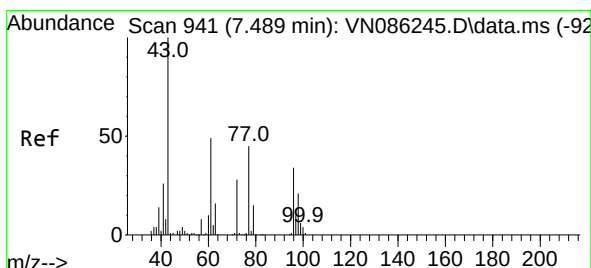
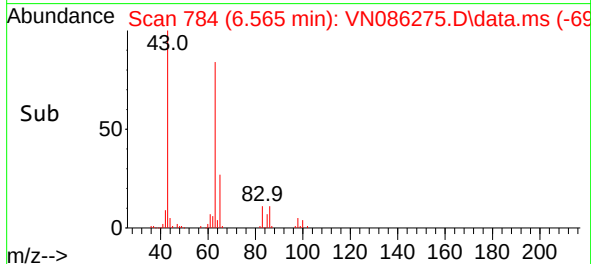
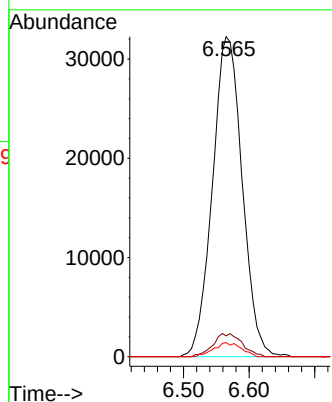
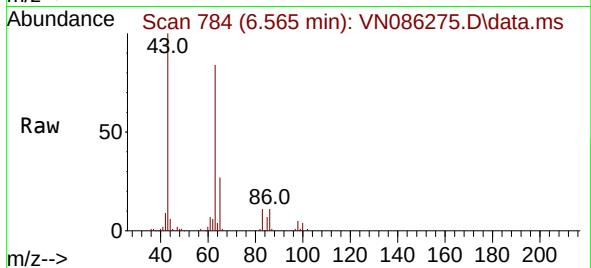
Tgt Ion: 63 Resp: 101448

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.3

100 4.4 2.3 6.9



#22

cis-1,2-Dichloroethene

Concen: 19.291 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.006 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

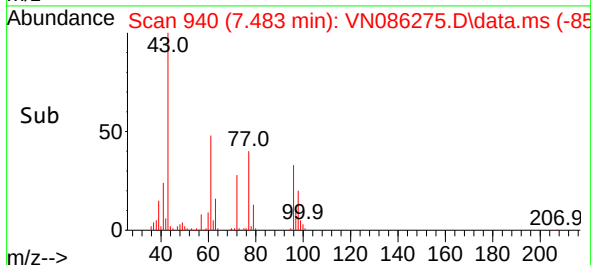
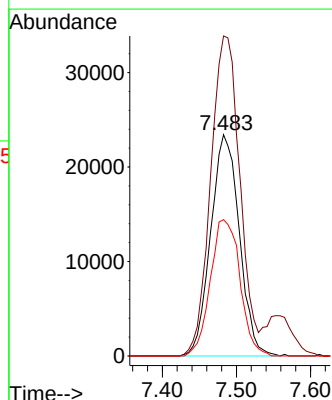
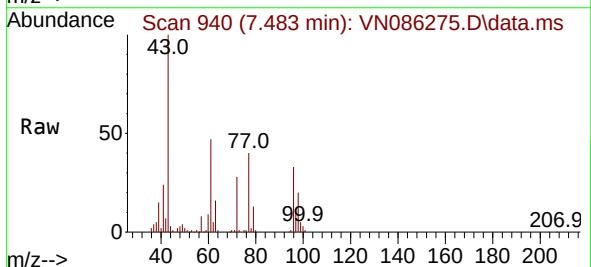
Tgt Ion: 96 Resp: 62843

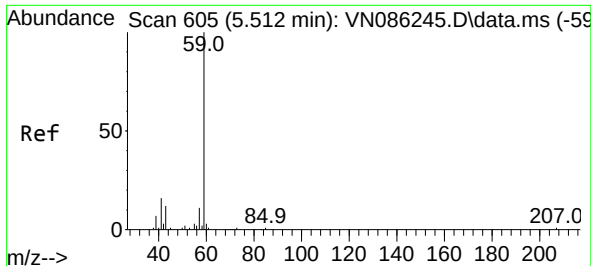
Ion Ratio Lower Upper

96 100

61 147.2 119.5 179.3

98 63.7 51.0 76.6

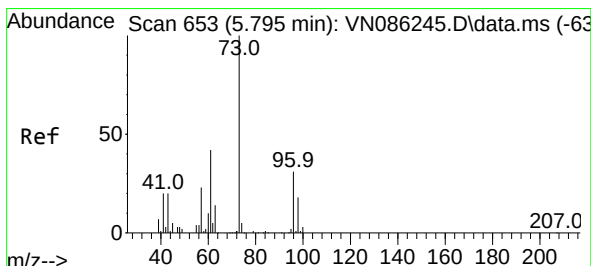
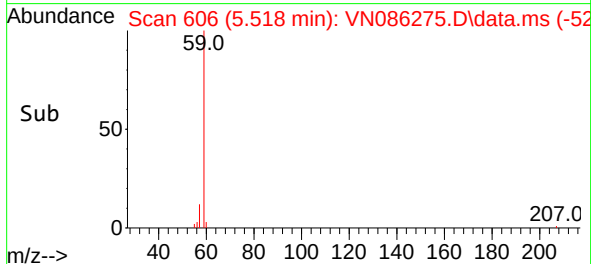
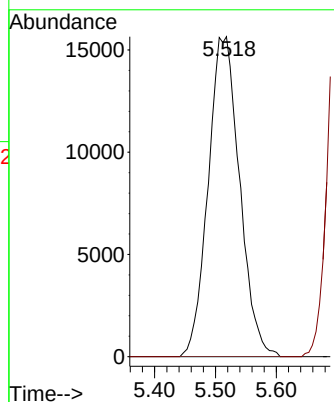
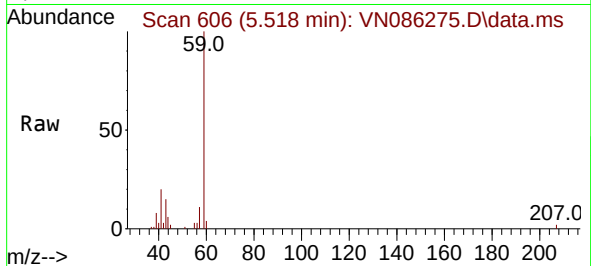




#23
tert-Butyl Alcohol
Concen: 87.613 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

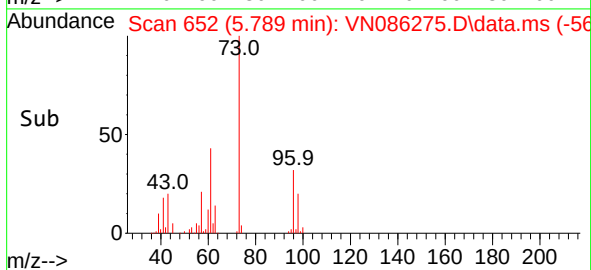
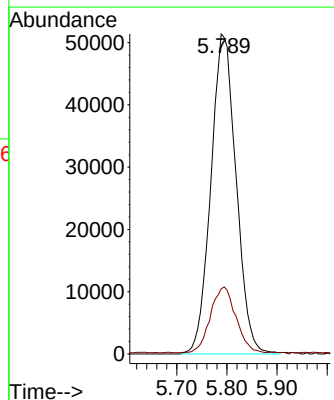
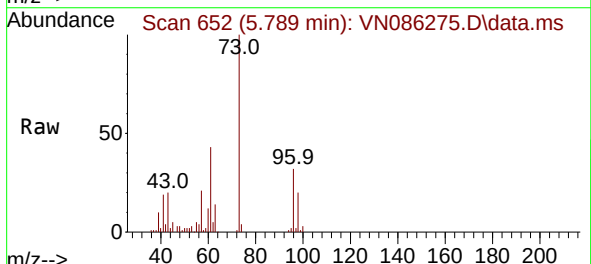
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

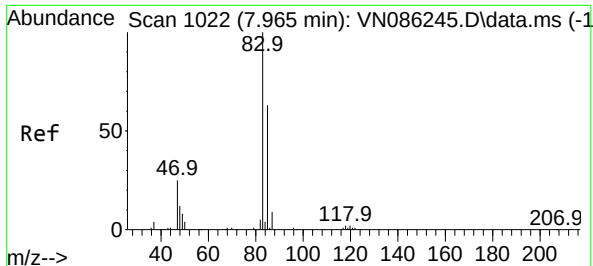
Tgt Ion: 59 Resp: 56187
Ion Ratio Lower Upper
59 100
52 205.8 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 19.196 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 73 Resp: 179850
Ion Ratio Lower Upper
73 100
43 20.6 16.8 25.2

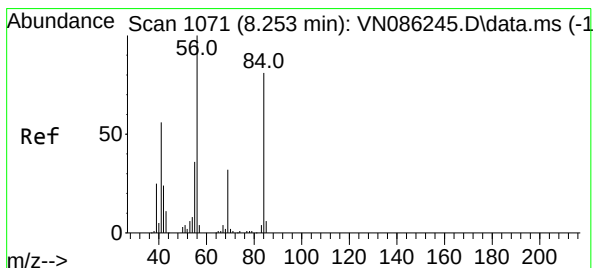
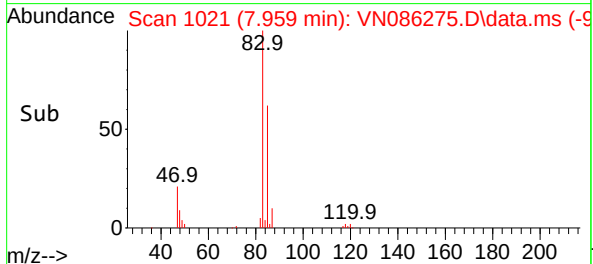
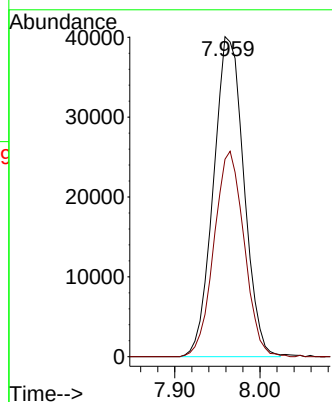
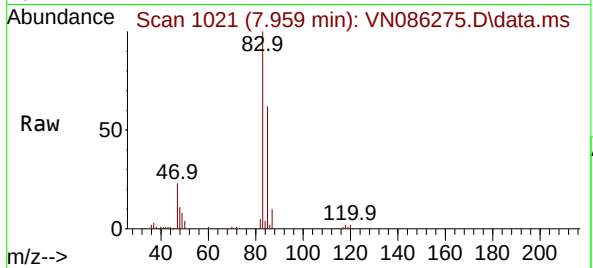




#25
Chloroform
Concen: 20.082 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

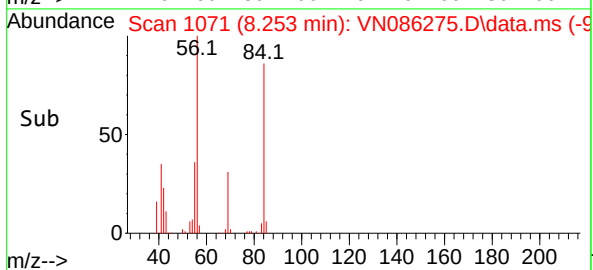
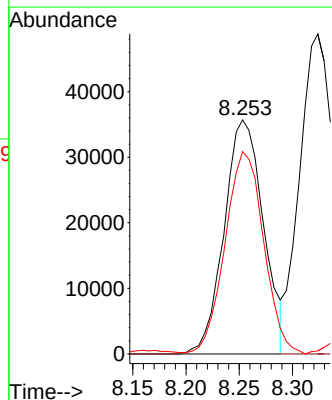
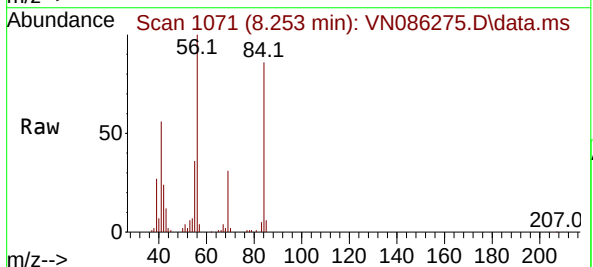
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

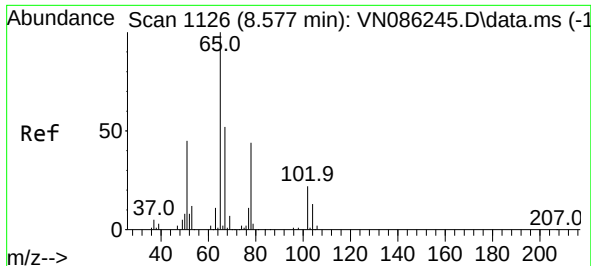
Tgt Ion: 83 Resp: 99390
Ion Ratio Lower Upper
83 100
85 61.7 50.5 75.7



#26
Cyclohexane
Concen: 18.832 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 56 Resp: 91442
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.0 69.0 103.4

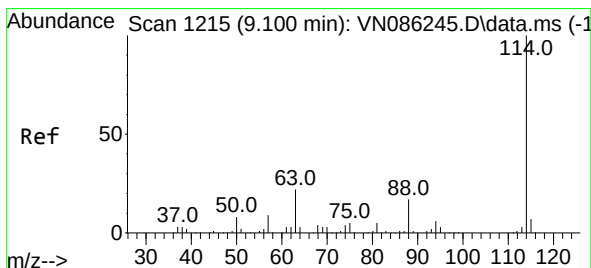
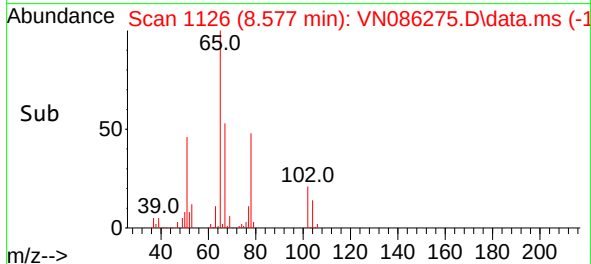
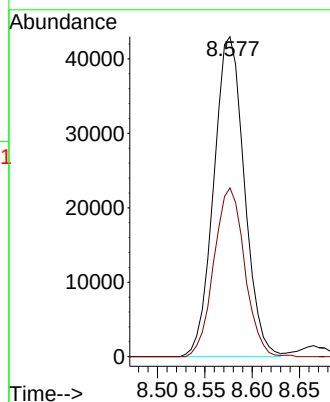
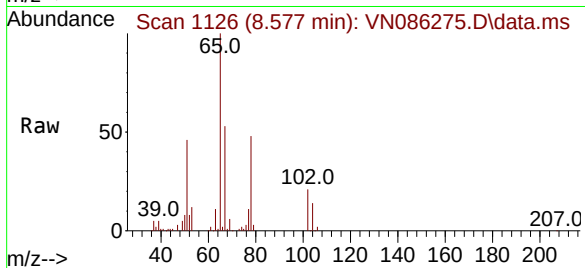




#27
1,2-Dichloroethane-d4
Concen: 29.042 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

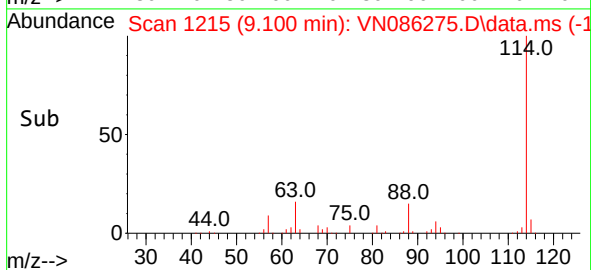
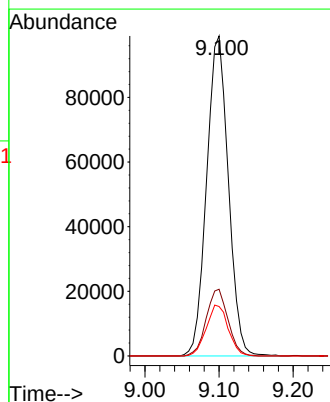
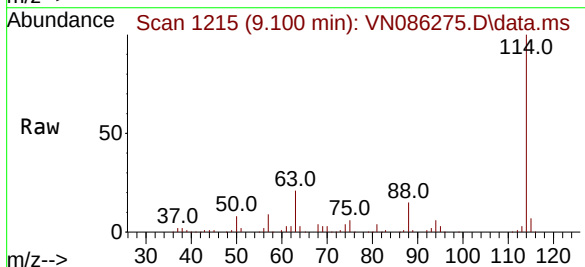
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

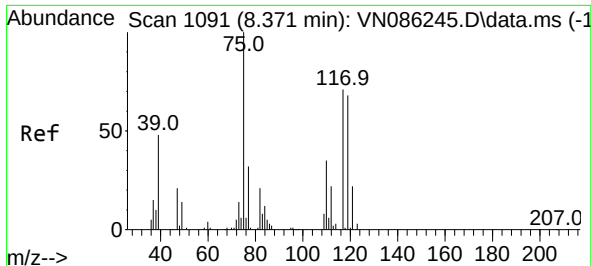
Tgt Ion: 65 Resp: 96579
Ion Ratio Lower Upper
65 100
67 52.8 43.4 65.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 114 Resp: 201530
Ion Ratio Lower Upper
114 100
63 20.8 17.8 26.6
88 16.0 13.4 20.2

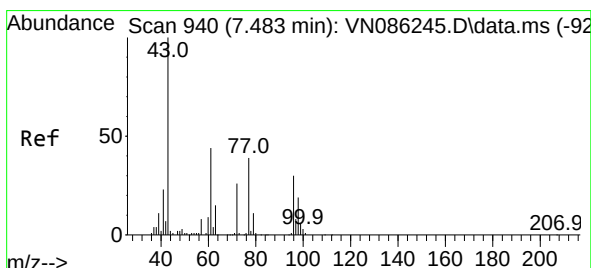
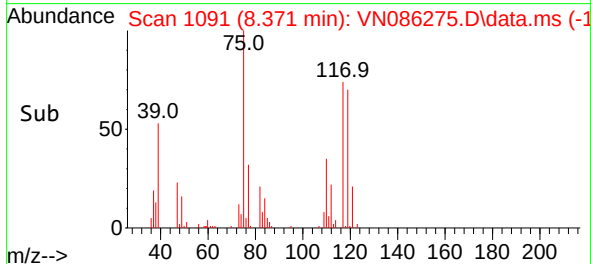
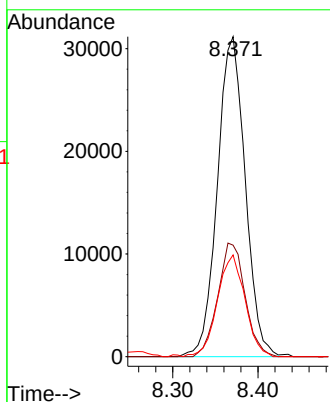
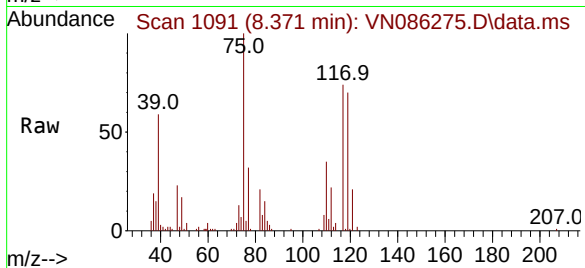




#29
1,1-Dichloropropene
Concen: 19.603 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

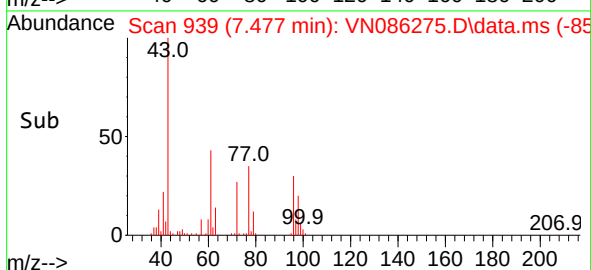
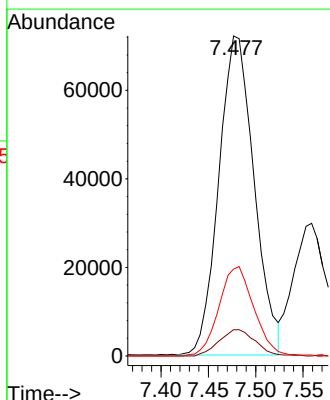
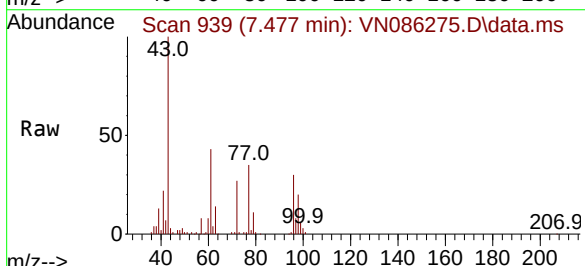
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

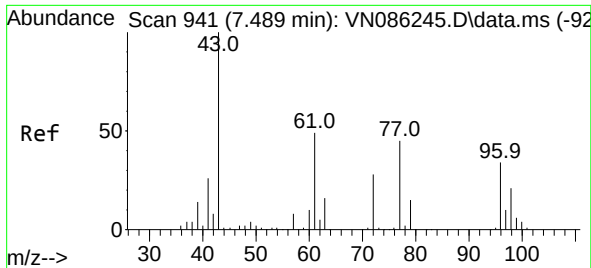
Tgt Ion: 75 Resp: 70772
Ion Ratio Lower Upper
75 100
110 34.8 0.0 68.6
77 31.4 0.0 63.8



#30
2-Butanone
Concen: 93.421 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 43 Resp: 186885
Ion Ratio Lower Upper
43 100
57 8.5 6.4 9.6
72 27.7 21.5 32.3

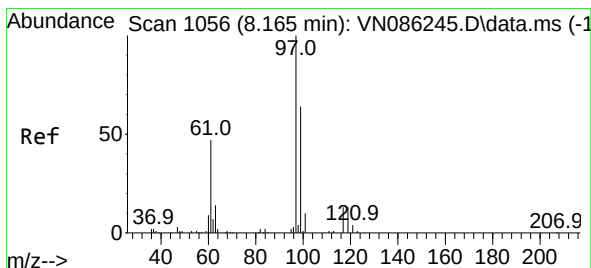
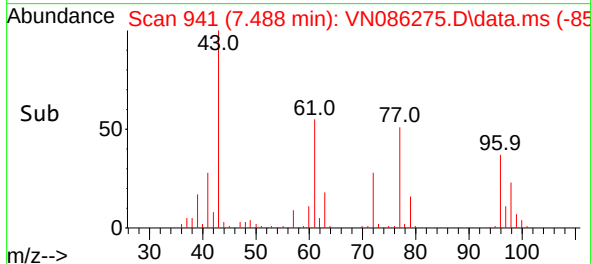
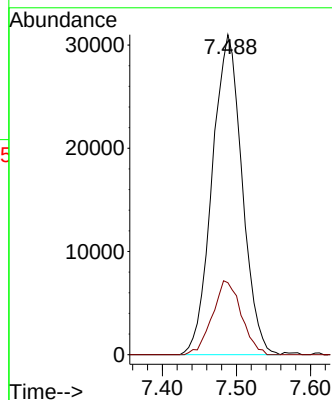
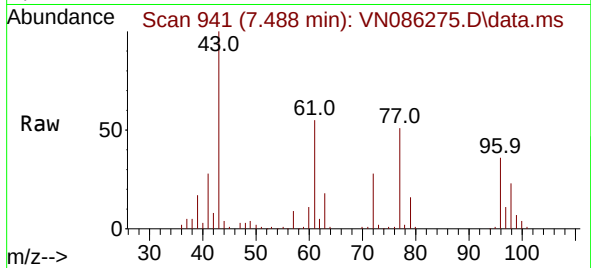




#31
2,2-Dichloropropane
Concen: 19.565 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

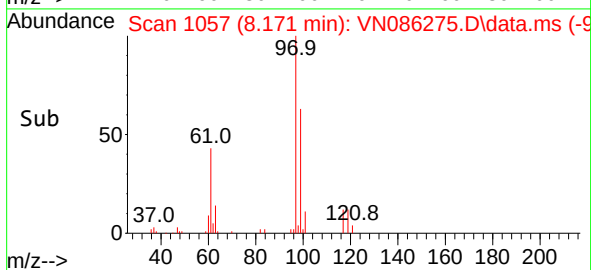
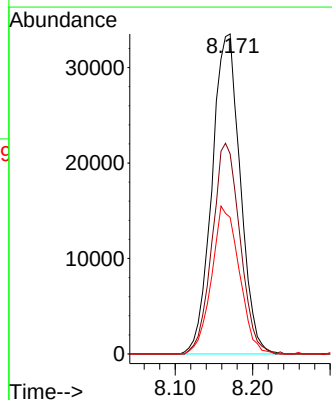
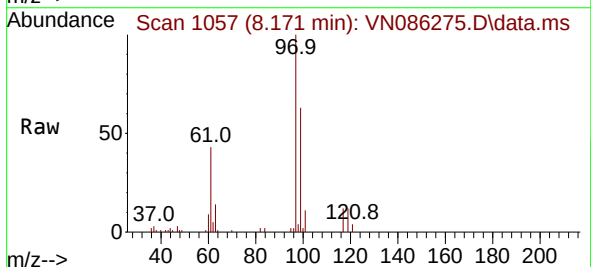
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

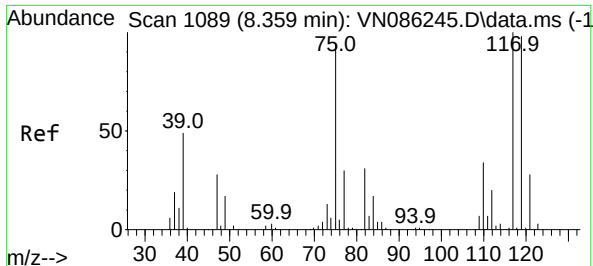
Tgt Ion: 77 Resp: 86945
Ion Ratio Lower Upper
77 100
97 22.3 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 20.438 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 97 Resp: 84878
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.2
61 45.2 37.0 55.6

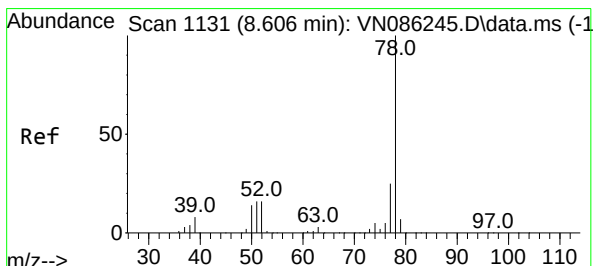
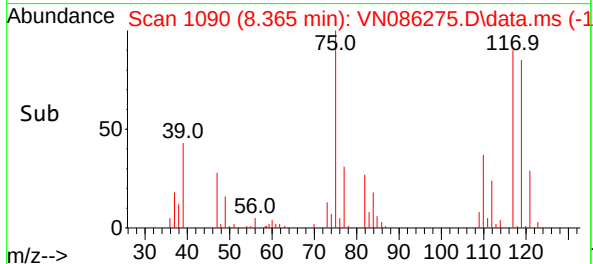
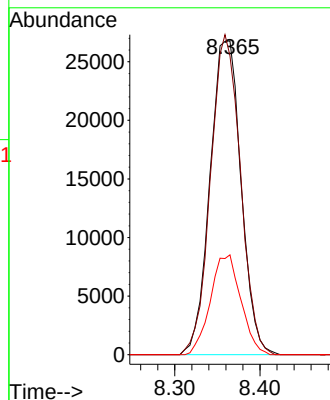
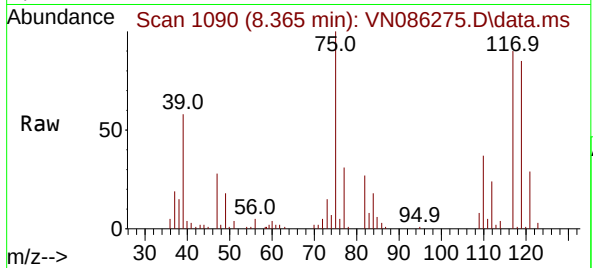




#33
Carbon Tetrachloride
Concen: 20.484 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

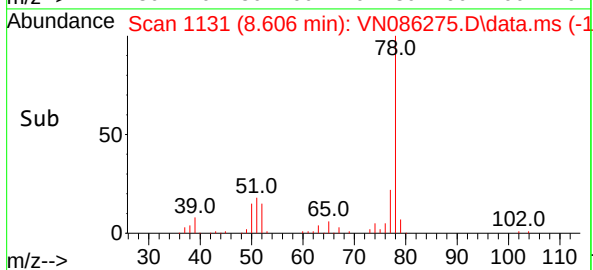
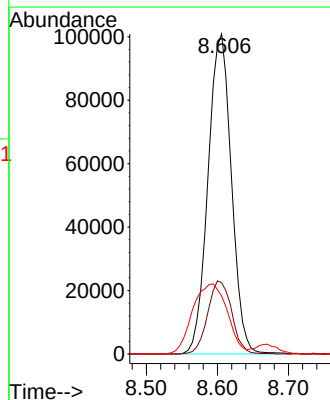
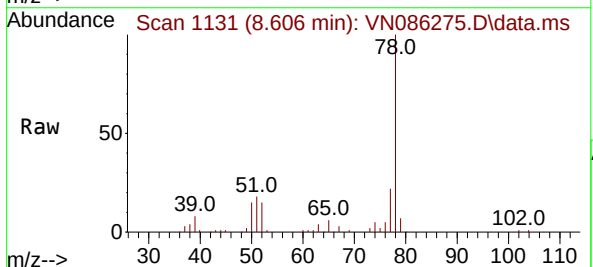
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

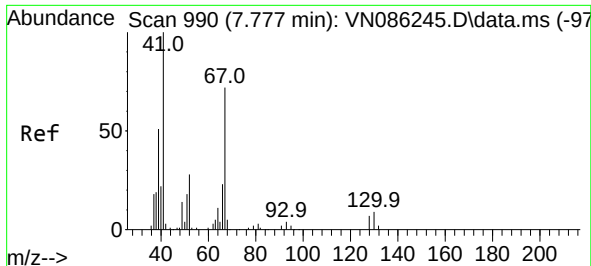
Tgt Ion:117 Resp: 67982
Ion Ratio Lower Upper
117 100
119 95.2 78.3 117.5
121 31.8 22.5 33.7



#34
Benzene
Concen: 20.095 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 78 Resp: 230800
Ion Ratio Lower Upper
78 100
77 22.3 20.0 30.0
51 16.9 12.9 19.3

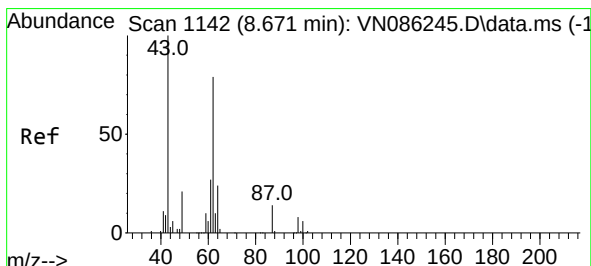
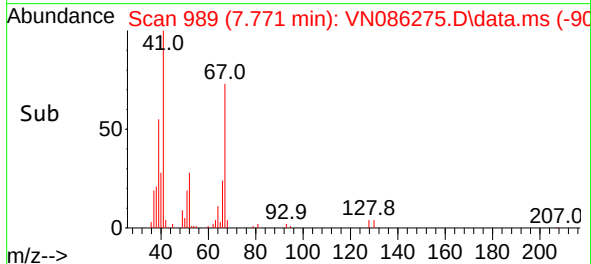
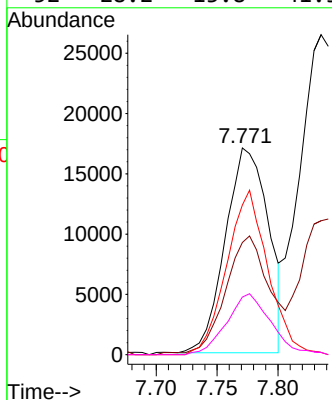
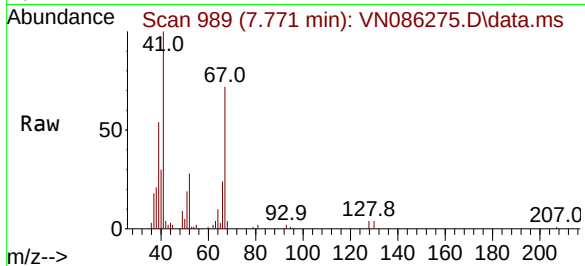




#35
Methacrylonitrile
Concen: 18.579 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

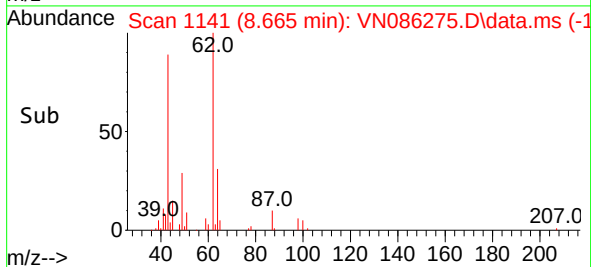
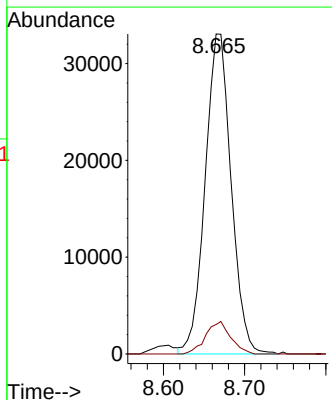
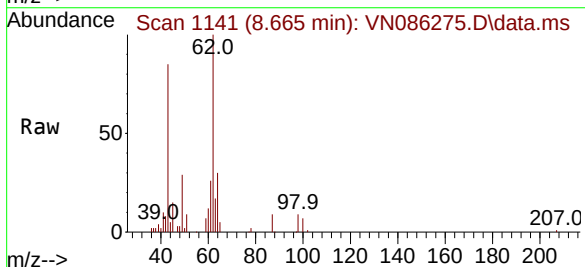
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

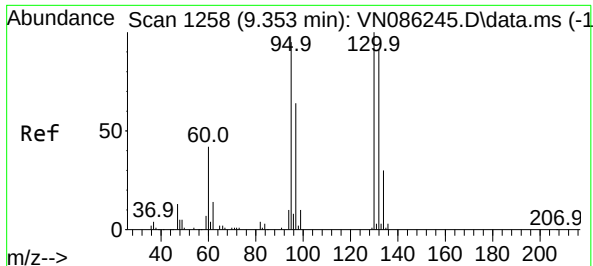
Tgt Ion:	41	Resp:	41899
Ion	Ratio	Lower	Upper
41	100		
39	53.7	25.8	77.3
67	73.0	36.0	108.0
52	28.2	13.8	41.3



#36
1,2-Dichloroethane
Concen: 20.471 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion:	62	Resp:	73575
Ion	Ratio	Lower	Upper
62	100		
98	9.8	8.6	12.8





#37

Trichloroethene

Concen: 19.323 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

Instrument :

MSVOA_N

ClientSampleId :

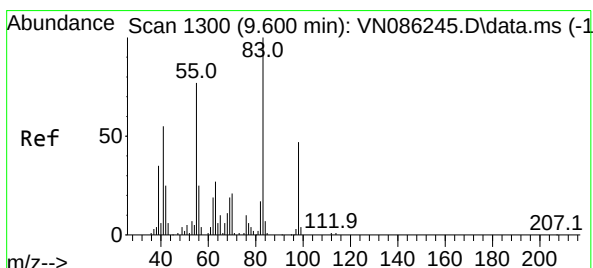
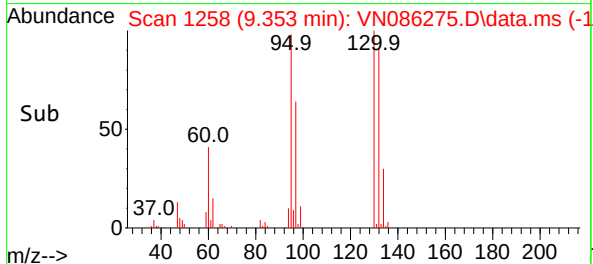
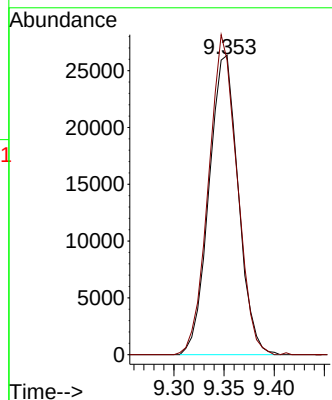
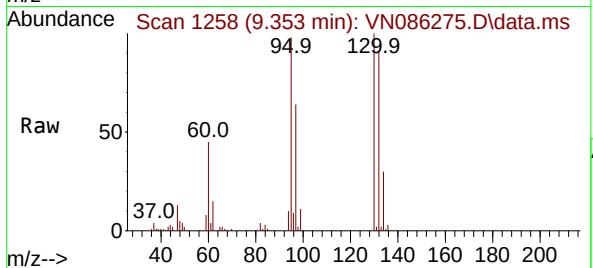
VSTDCCC020EC

Tgt Ion:130 Resp: 53549

Ion Ratio Lower Upper

130 100

95 98.4 76.4 114.6



#38

Methylcyclohexane

Concen: 18.713 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

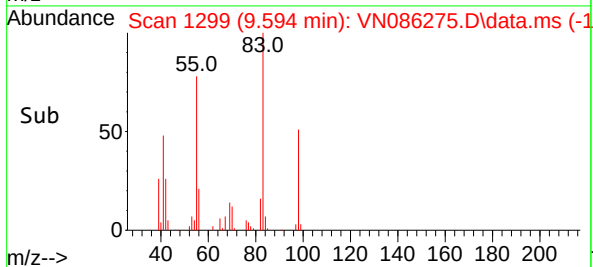
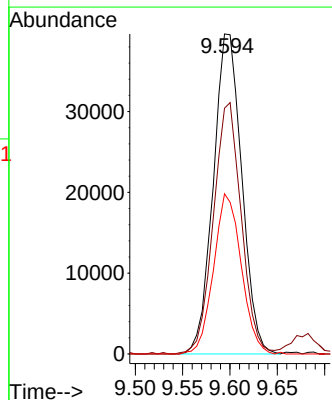
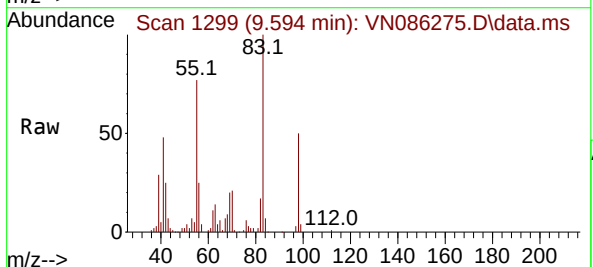
Tgt Ion: 83 Resp: 82854

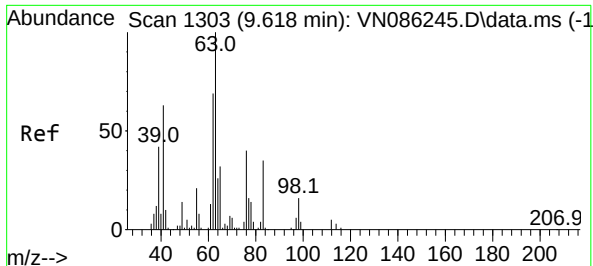
Ion Ratio Lower Upper

83 100

55 77.0 38.5 115.5

98 48.7 24.4 73.2





#39

1,2-Dichloropropane

Concen: 19.945 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

Instrument :

MSVOA_N

ClientSampleId :

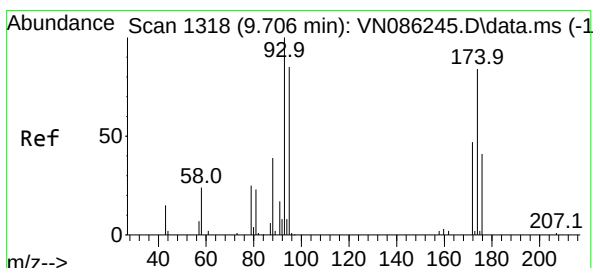
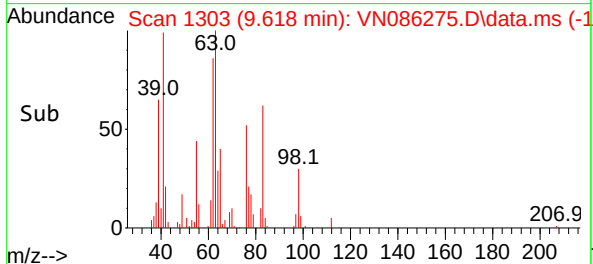
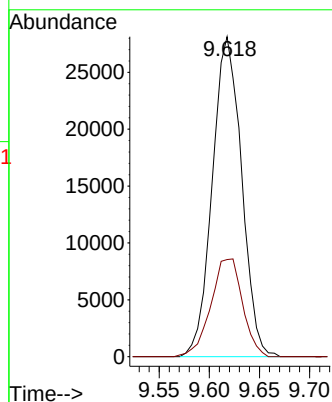
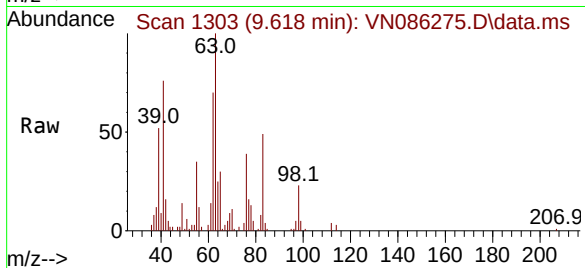
VSTDCCC020EC

Tgt Ion: 63 Resp: 57003

Ion Ratio Lower Upper

63 100

65 30.4 26.0 39.0



#40

Dibromomethane

Concen: 20.209 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

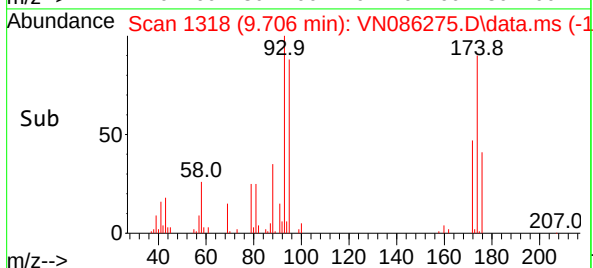
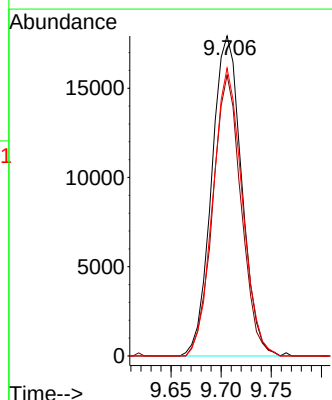
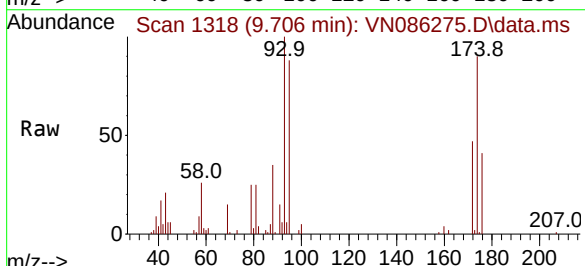
Tgt Ion: 93 Resp: 37302

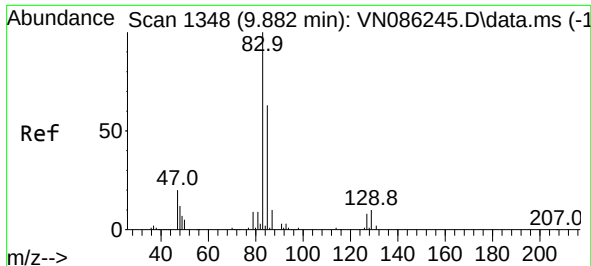
Ion Ratio Lower Upper

93 100

95 82.8 0.0 169.0

174 87.6 0.0 168.0

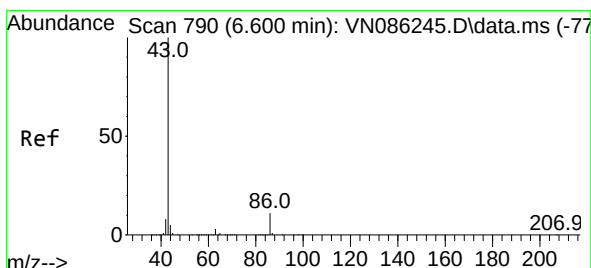
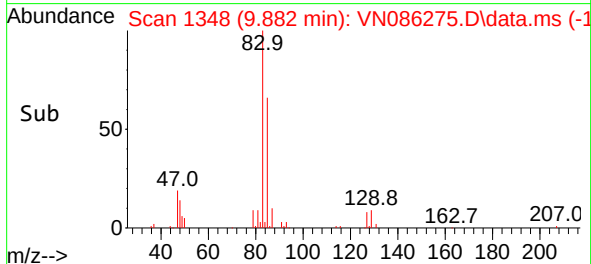
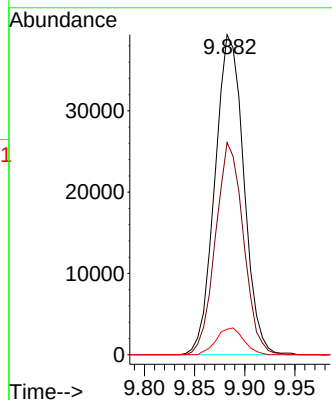
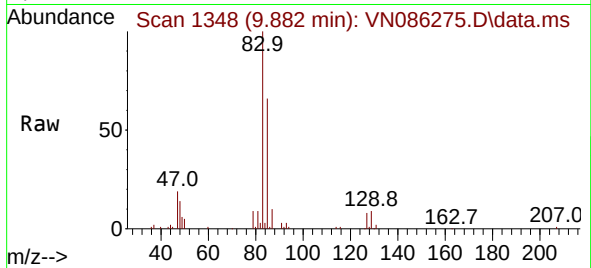




#41
Bromodichloromethane
Concen: 19.878 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

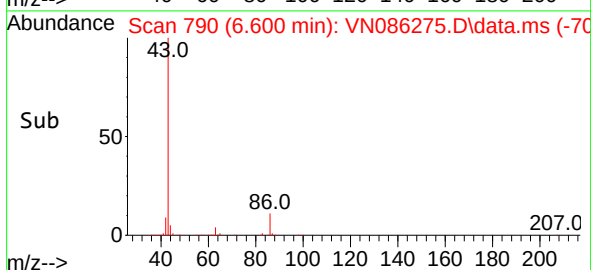
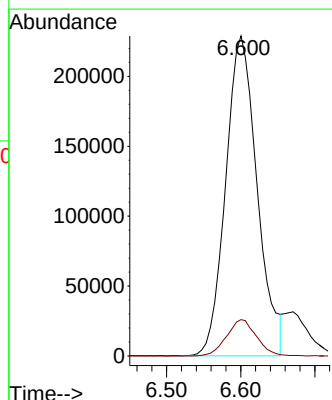
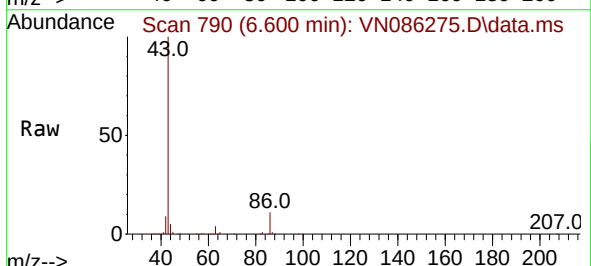
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

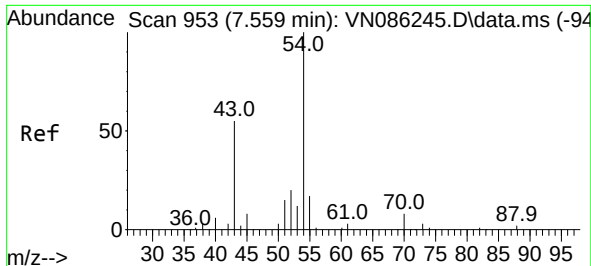
Tgt Ion: 83 Resp: 78824
Ion Ratio Lower Upper
83 100
85 66.3 50.2 75.2
127 7.9 6.2 9.4



#42
Vinyl Acetate
Concen: 99.073 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 43 Resp: 674636
Ion Ratio Lower Upper
43 100
86 10.8 8.4 12.6

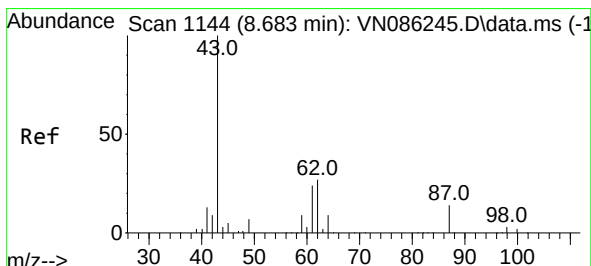
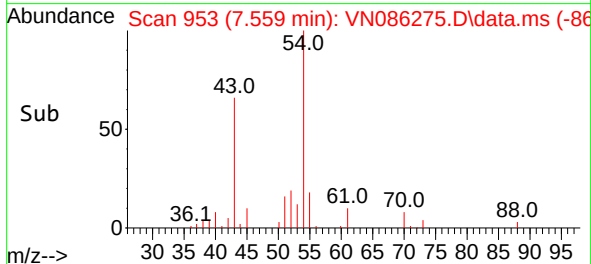
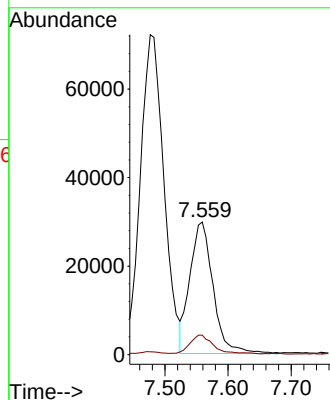
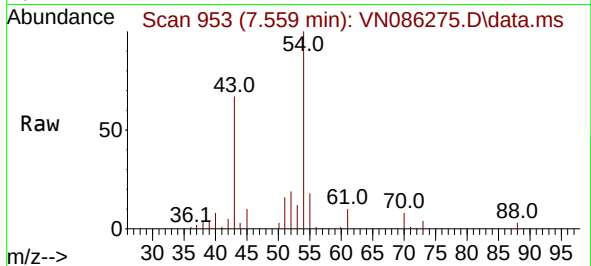




#43
Ethyl Acetate
Concen: 18.850 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

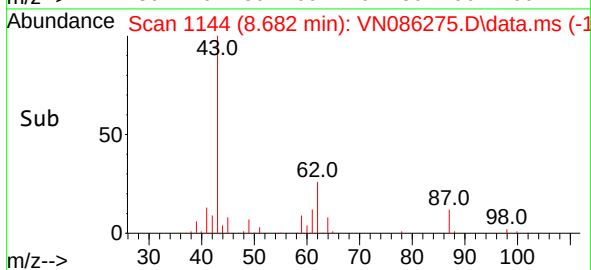
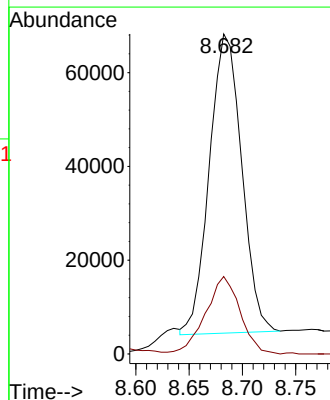
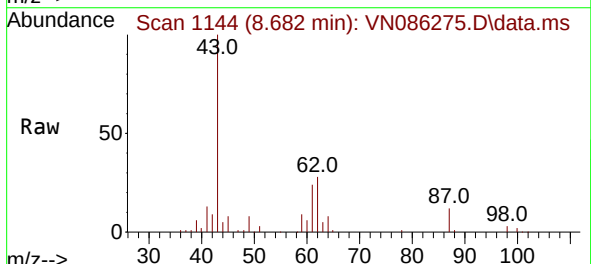
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

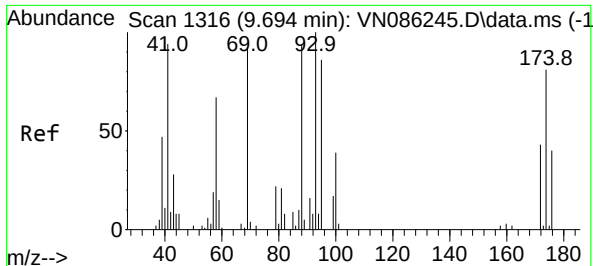
Tgt Ion: 43 Resp: 76059
Ion Ratio Lower Upper
43 100
45 13.1 11.2 16.8



#44
Isopropyl Acetate
Concen: 17.985 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 43 Resp: 134628
Ion Ratio Lower Upper
43 100
61 27.6 20.5 30.7





#45

1,4-Dioxane

Concen: 393.391 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

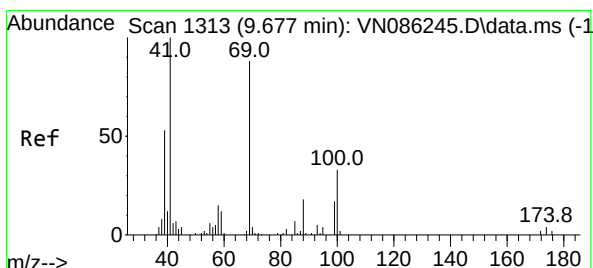
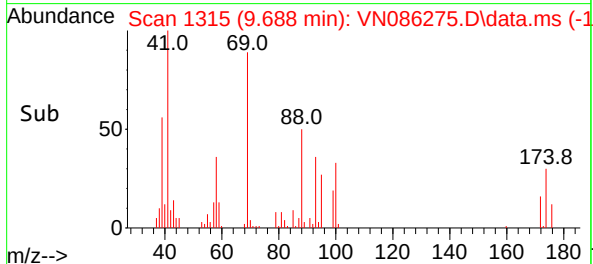
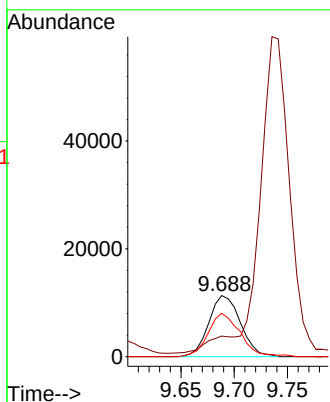
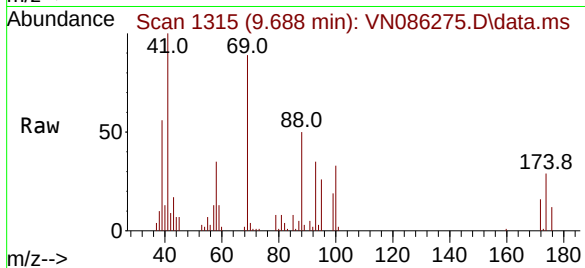
Tgt Ion: 88 Resp: 23416

Ion Ratio Lower Upper

88 100

43 25.9 14.4 21.6#

58 72.2 59.8 89.8



#46

Methyl methacrylate

Concen: 19.093 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

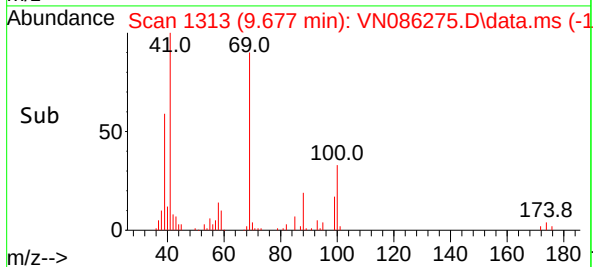
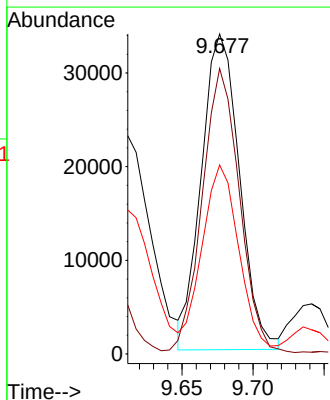
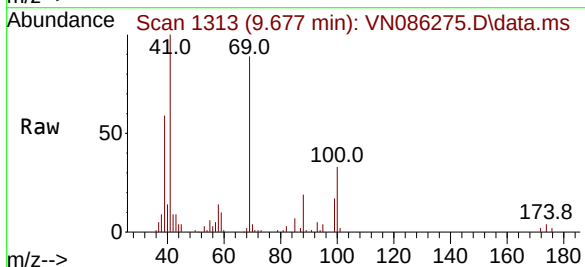
Tgt Ion: 41 Resp: 62973

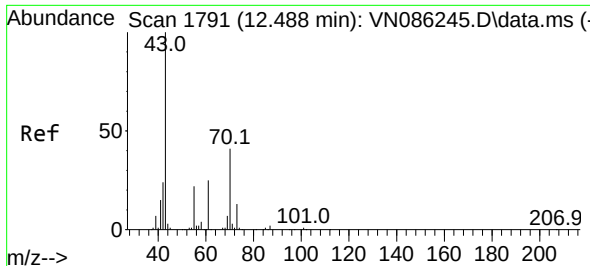
Ion Ratio Lower Upper

41 100

69 91.9 43.2 129.6

39 59.2 26.4 79.0

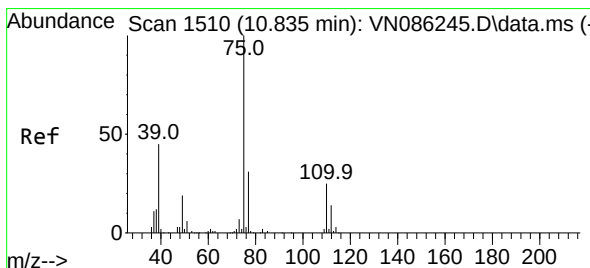
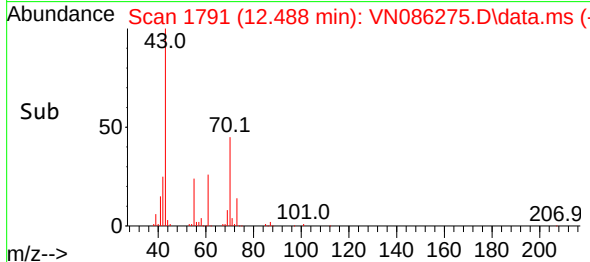
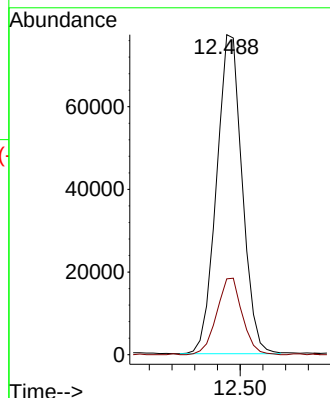
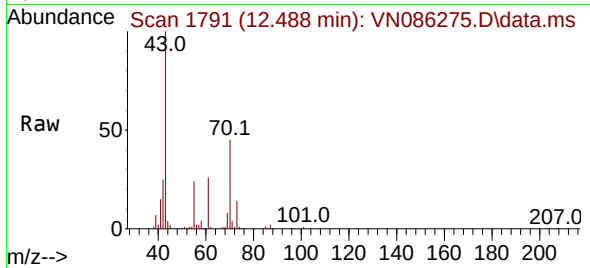




#47
n-amy1 Acetate
Concen: 20.388 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

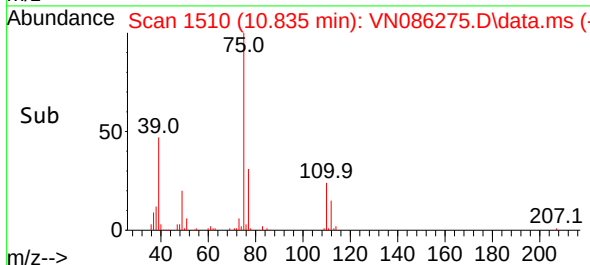
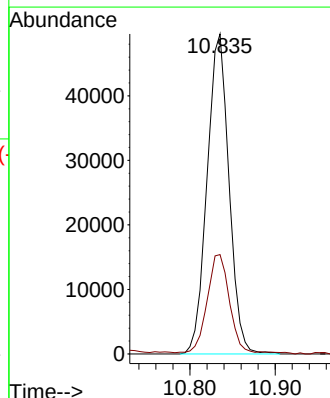
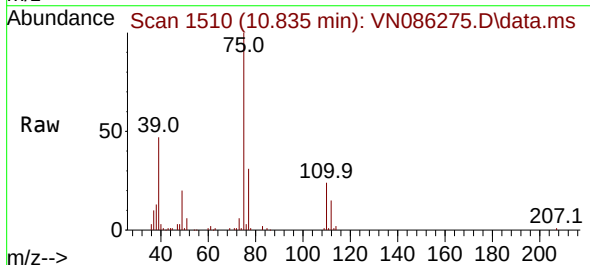
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

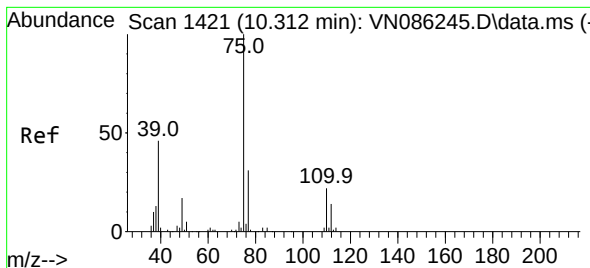
Tgt Ion: 43 Resp: 121005
Ion Ratio Lower Upper
43 100
55 23.9 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 19.757 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 75 Resp: 88571
Ion Ratio Lower Upper
75 100
77 30.6 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 19.949 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

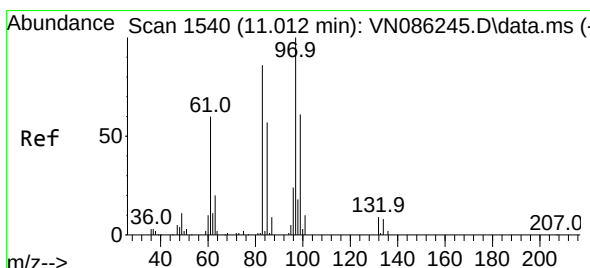
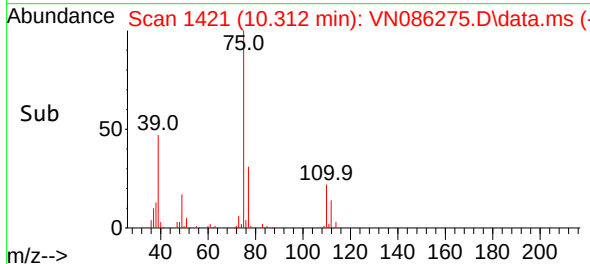
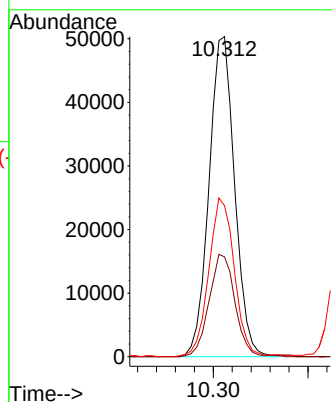
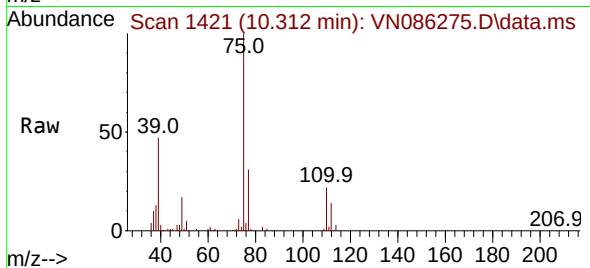
Tgt Ion: 75 Resp: 94652

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4

39 46.8 36.7 55.1



#50

1,1,2-Trichloroethane

Concen: 20.296 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

Tgt Ion: 97 Resp: 52544

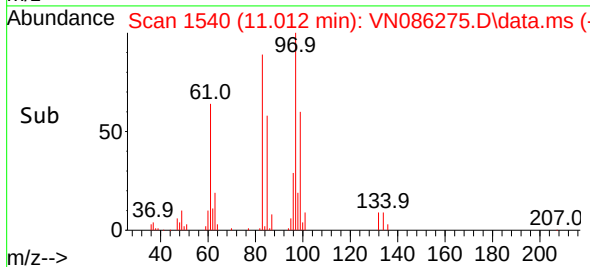
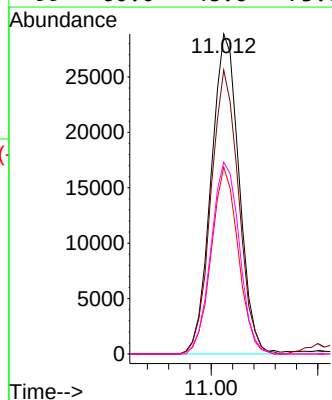
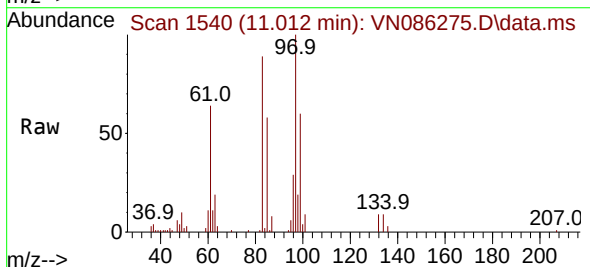
Ion Ratio Lower Upper

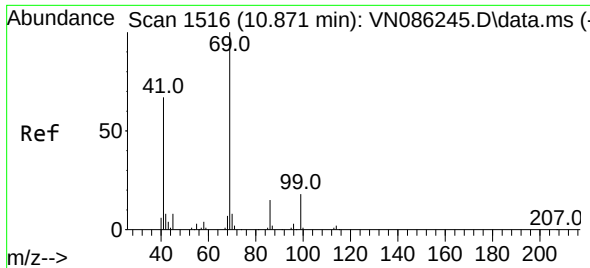
97 100

83 88.7 68.6 103.0

85 58.3 45.9 68.9

99 60.0 48.6 73.0

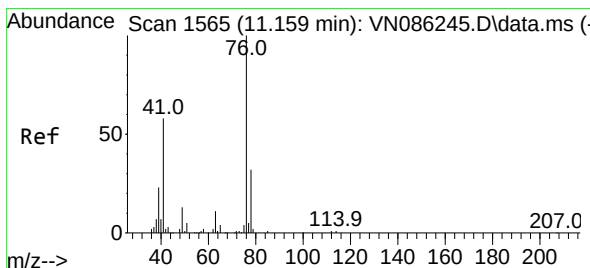
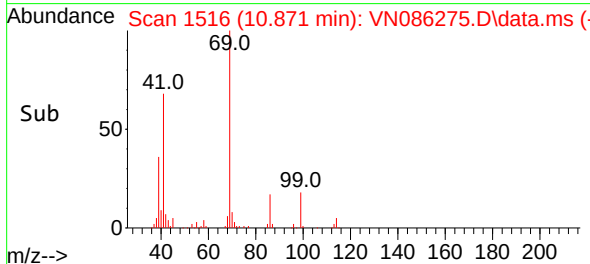
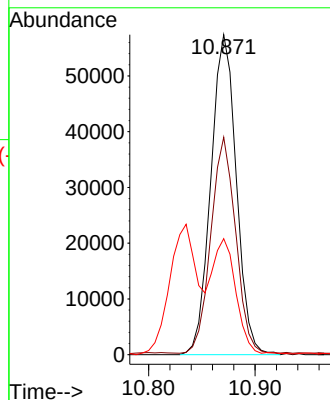
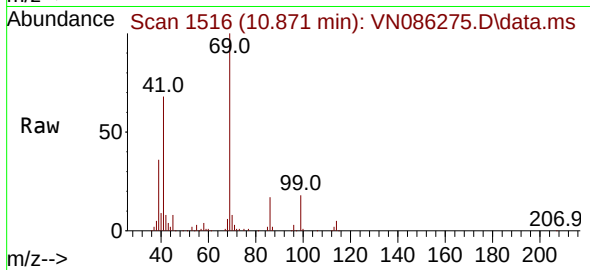




#51
Ethyl methacrylate
Concen: 19.856 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

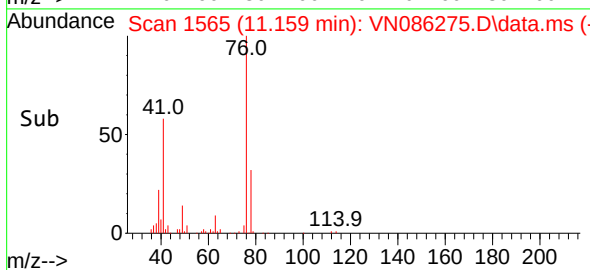
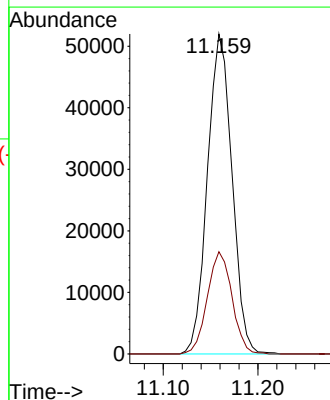
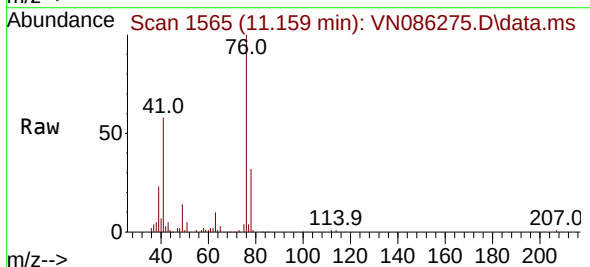
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

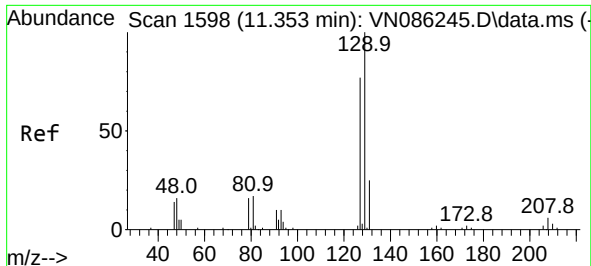
Tgt Ion: 69 Resp: 95527
Ion Ratio Lower Upper
69 100
41 67.5 33.6 100.6
39 35.8 17.8 53.4



#52
1,3-Dichloropropane
Concen: 20.349 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 76 Resp: 93899
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.6

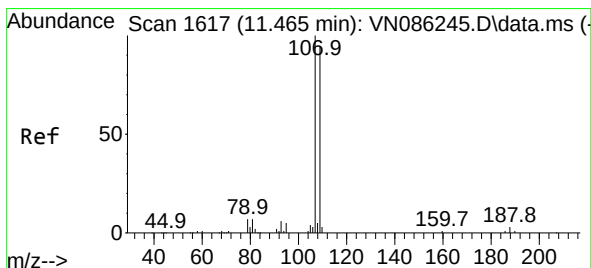
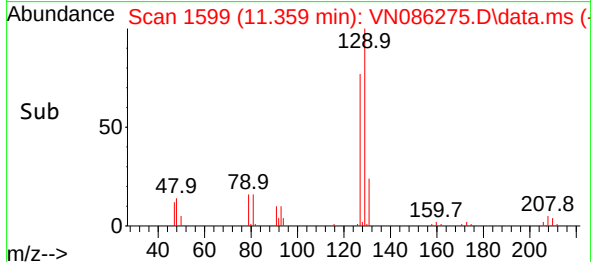
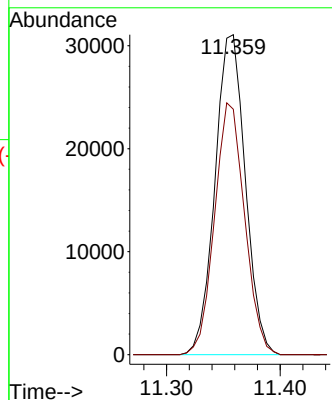
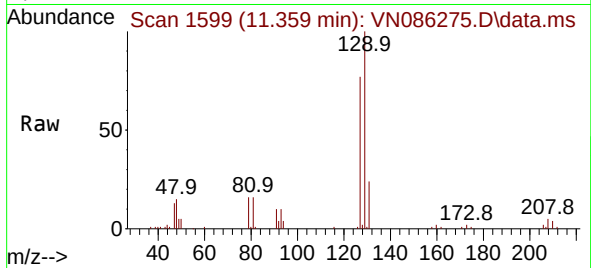




#53
Dibromochloromethane
Concen: 20.395 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

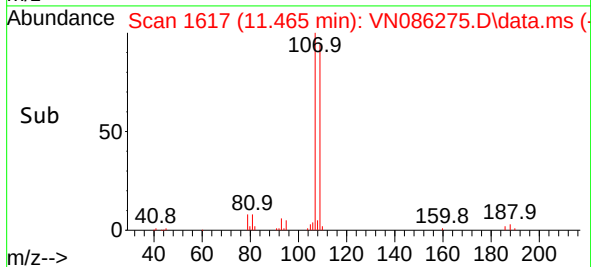
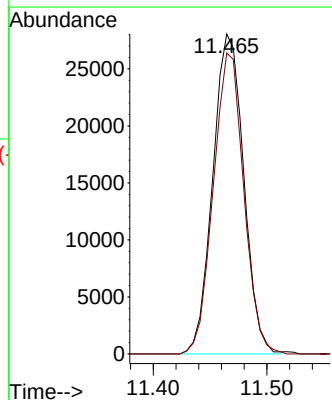
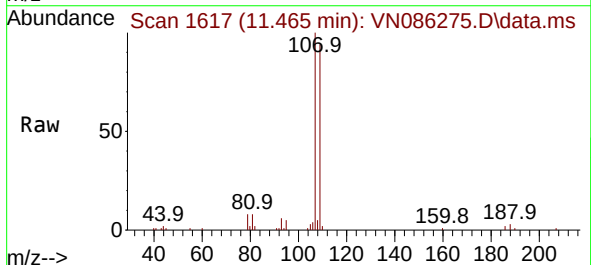
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

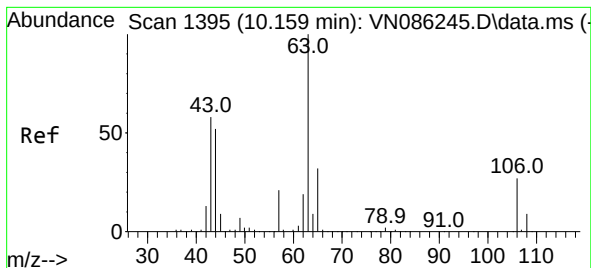
Tgt Ion:129 Resp: 57755
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5



#54
1,2-Dibromoethane
Concen: 20.292 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion:107 Resp: 53031
Ion Ratio Lower Upper
107 100
109 92.6 75.2 112.8

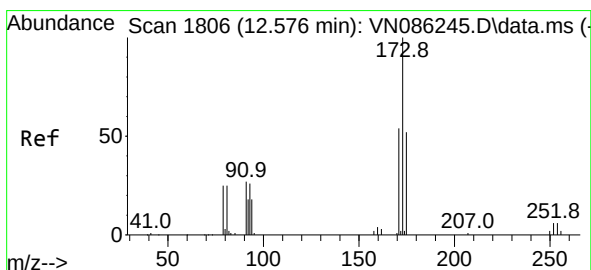
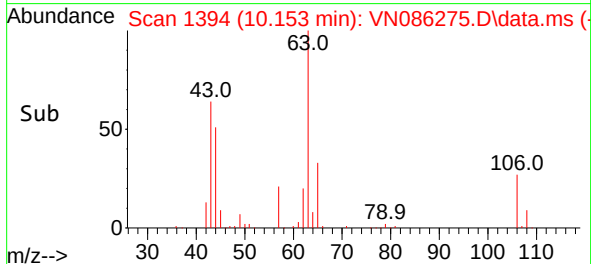
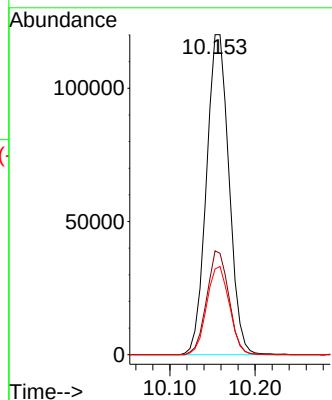
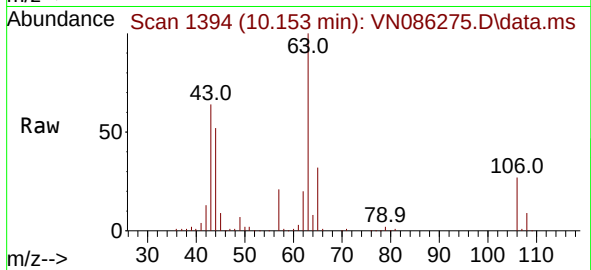




#55
2-Chloroethyl vinyl ether
Concen: 121.759 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

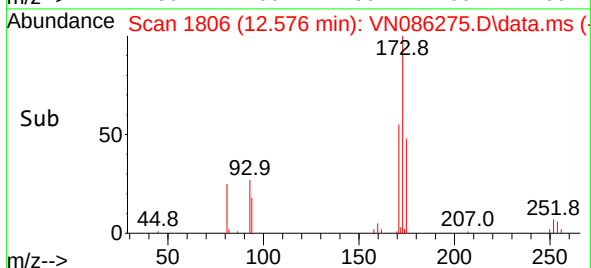
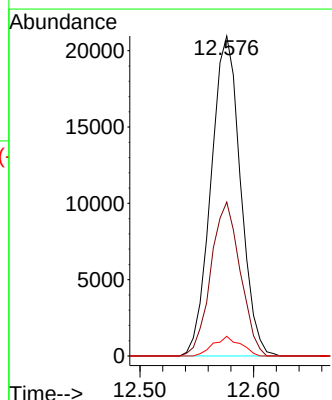
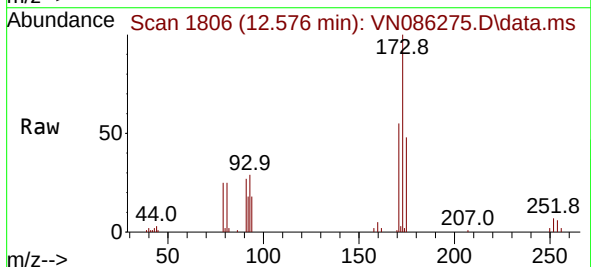
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

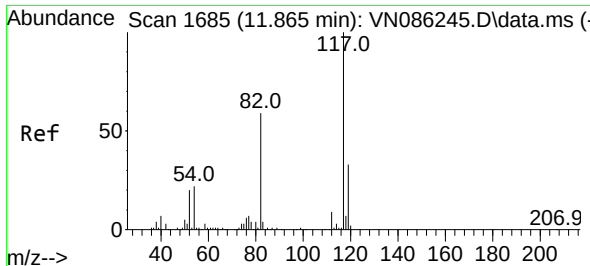
Tgt Ion: 63 Resp: 221351
Ion Ratio Lower Upper
63 100
65 31.7 25.8 38.8
106 27.7 21.8 32.8



#56
Bromoform
Concen: 20.387 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 173 Resp: 37771
Ion Ratio Lower Upper
173 100
175 47.9 38.2 57.4
254 5.6 4.5 6.7

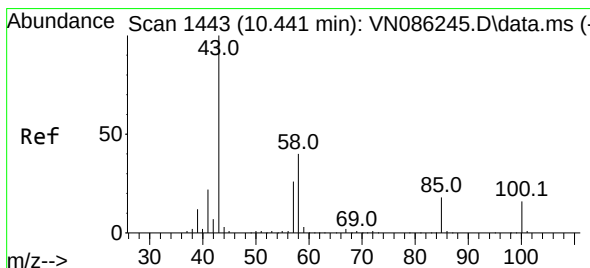
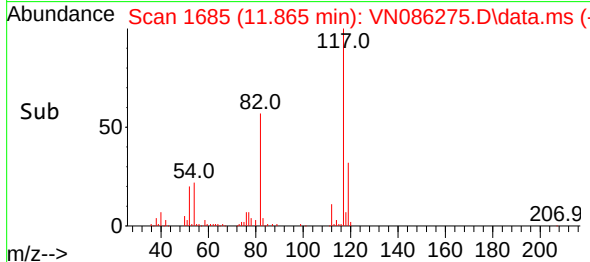
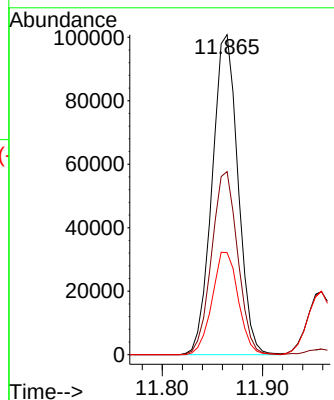
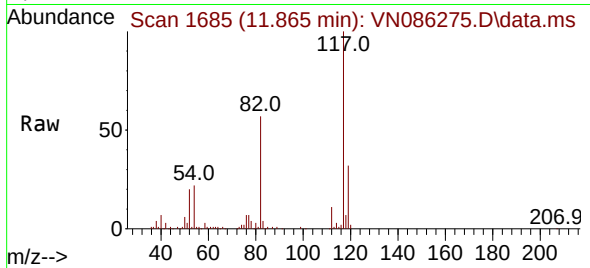




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

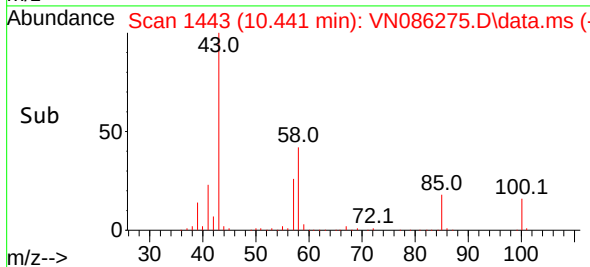
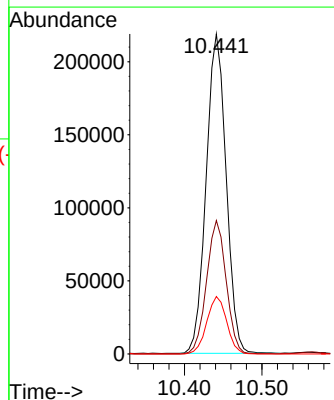
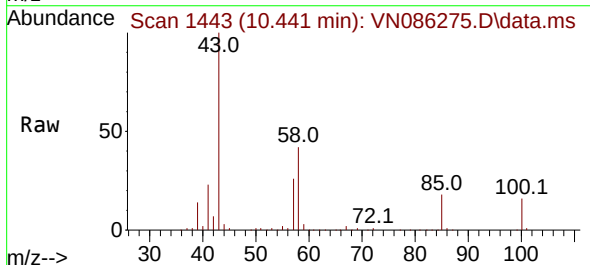
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

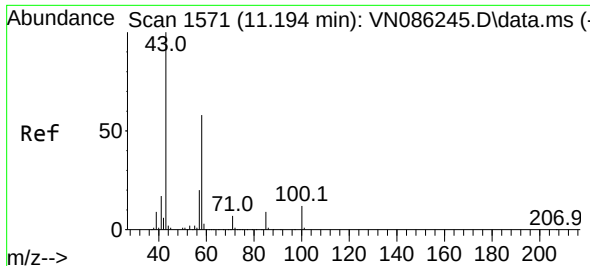
Tgt Ion:117 Resp: 181024
Ion Ratio Lower Upper
117 100
82 57.6 47.3 70.9
119 32.4 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 95.263 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 43 Resp: 391338
Ion Ratio Lower Upper
43 100
58 41.2 32.5 48.7
85 17.9 14.4 21.6

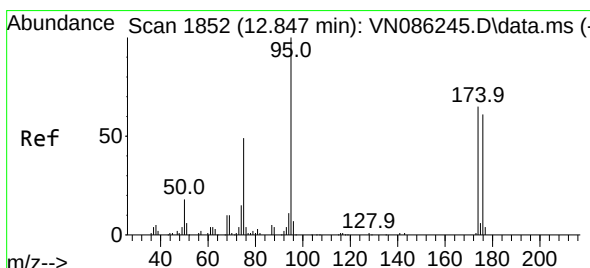
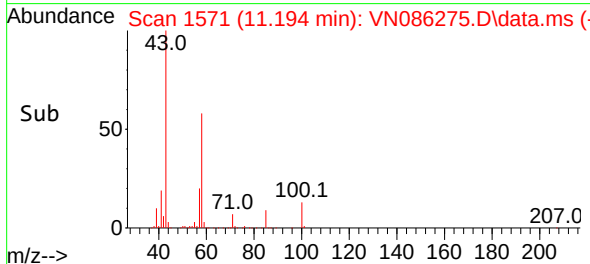
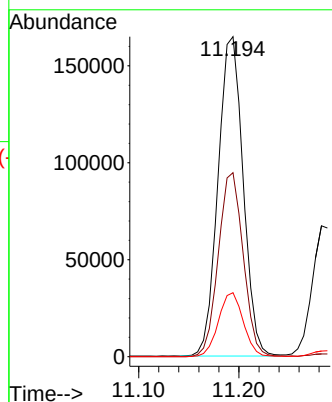
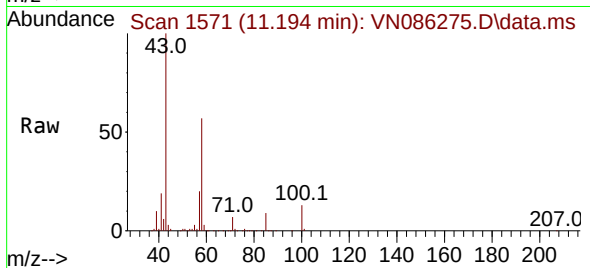




#59
2-Hexanone
Concen: 93.436 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

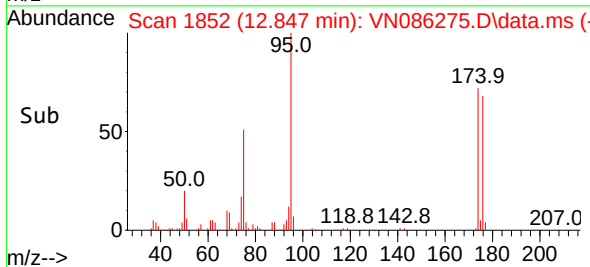
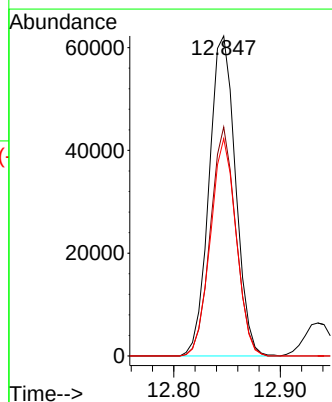
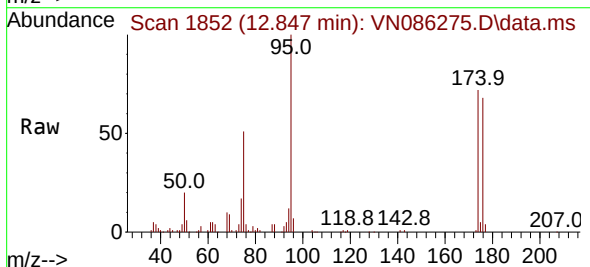
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

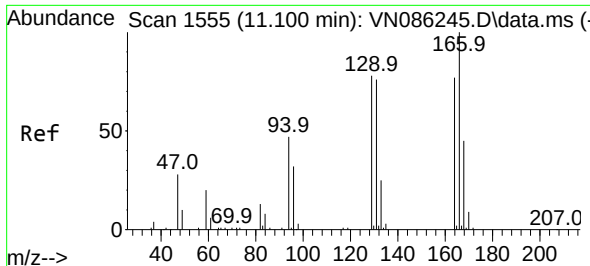
Tgt Ion: 43 Resp: 285815
Ion Ratio Lower Upper
43 100
58 57.2 45.3 67.9
57 19.9 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 29.749 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 95 Resp: 107218
Ion Ratio Lower Upper
95 100
174 68.5 52.7 79.1
176 66.1 49.8 74.8

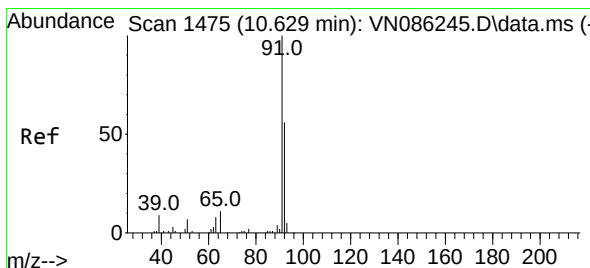
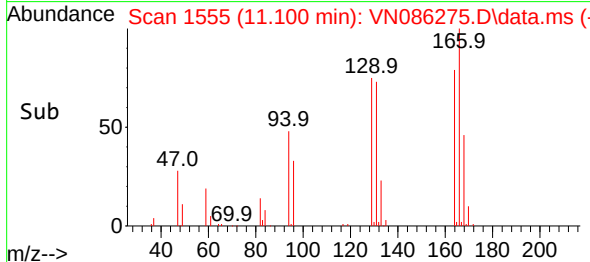
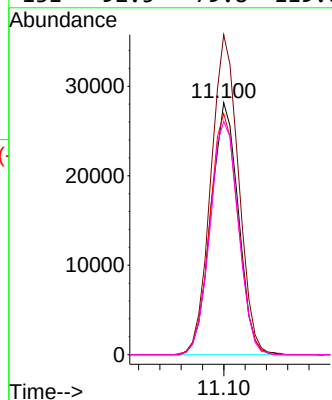
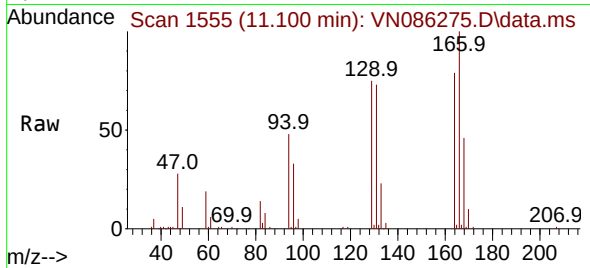




#61
Tetrachloroethene
Concen: 18.990 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

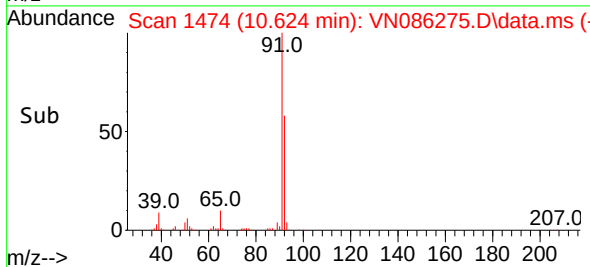
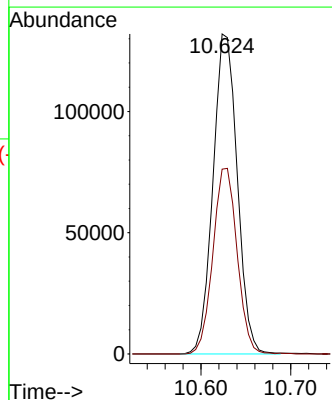
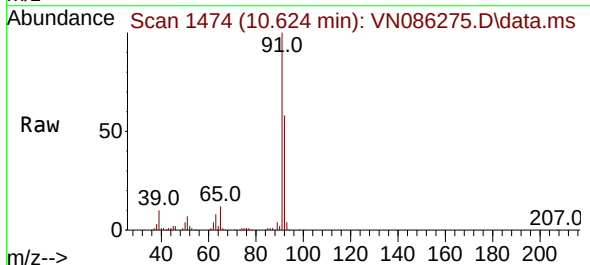
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

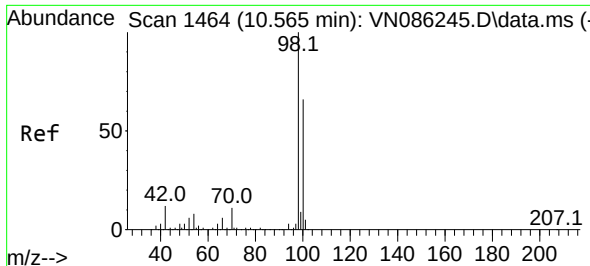
Tgt Ion:164 Resp: 50766
Ion Ratio Lower Upper
164 100
166 126.9 104.5 156.7
129 95.7 81.7 122.5
131 92.5 79.8 119.6



#62
Toluene
Concen: 20.417 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 91 Resp: 247900
Ion Ratio Lower Upper
91 100
92 57.8 46.8 70.2

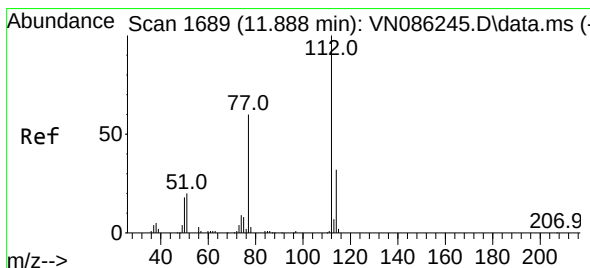
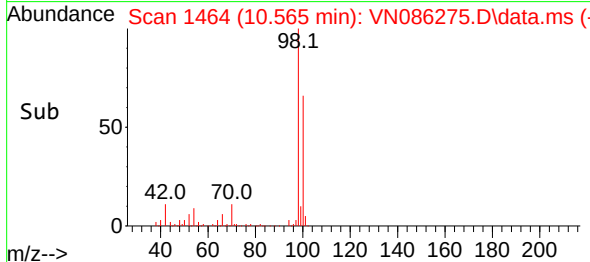
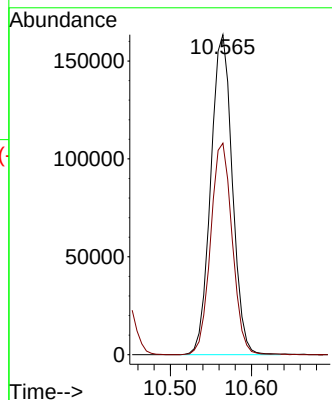
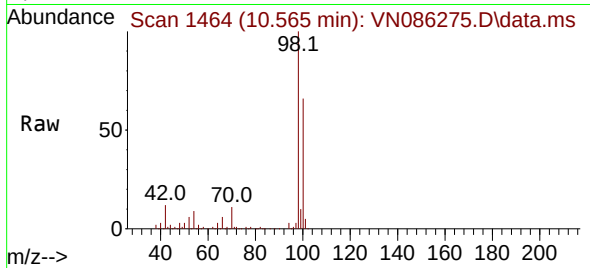




#63
Toluene-d8
Concen: 29.473 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

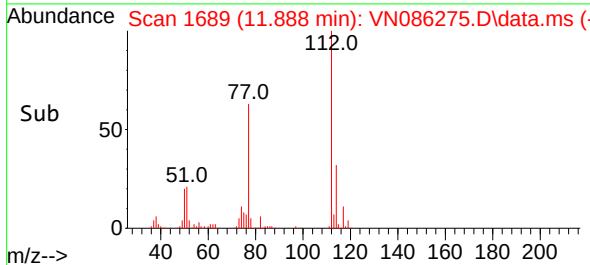
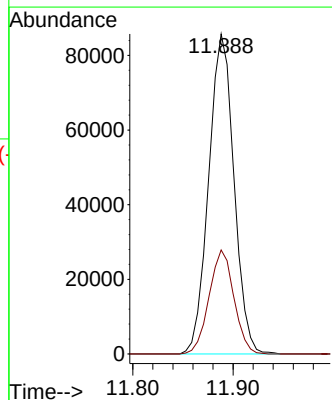
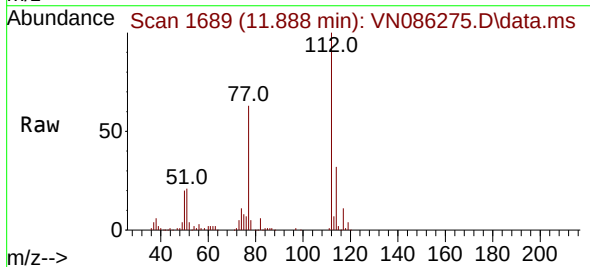
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

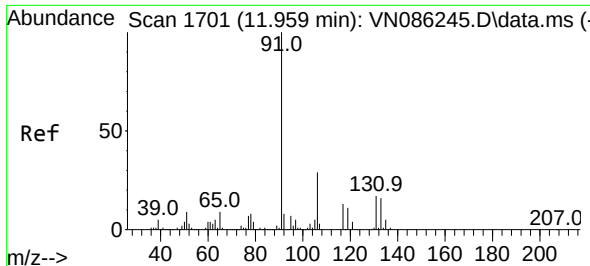
Tgt Ion: 98 Resp: 301204
Ion Ratio Lower Upper
98 100
100 66.2 52.3 78.5



#64
Chlorobenzene
Concen: 20.275 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 112 Resp: 150402
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

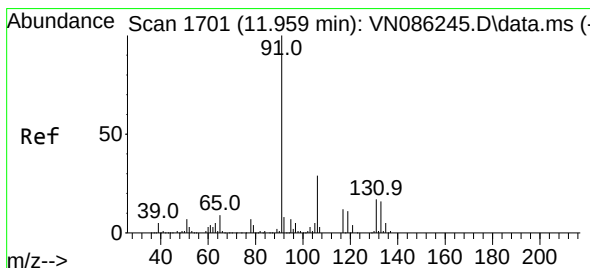
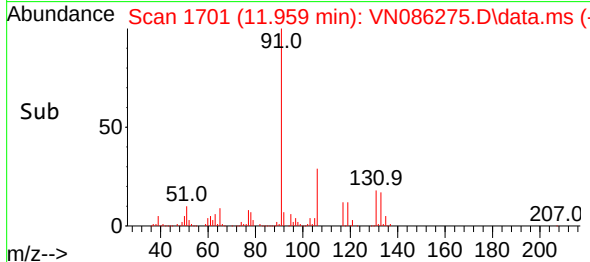
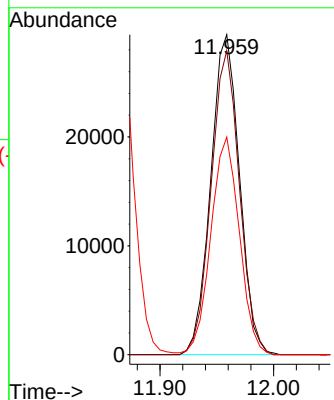
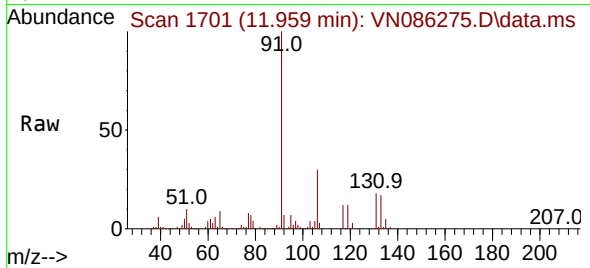




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.130 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086275.D
 Acq: 14 Apr 2025 17:38

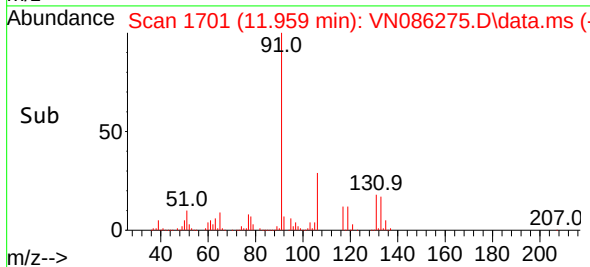
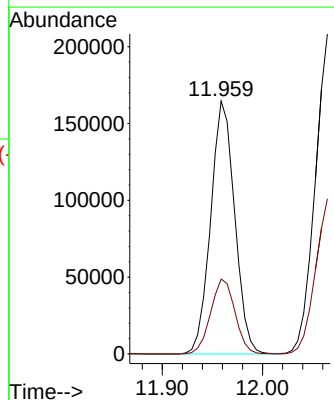
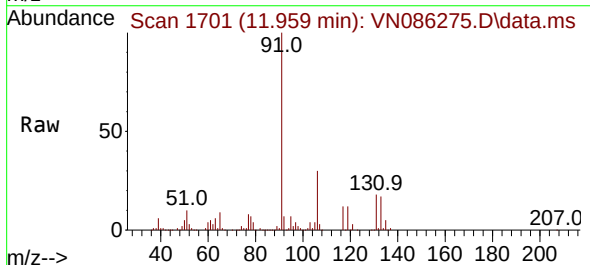
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

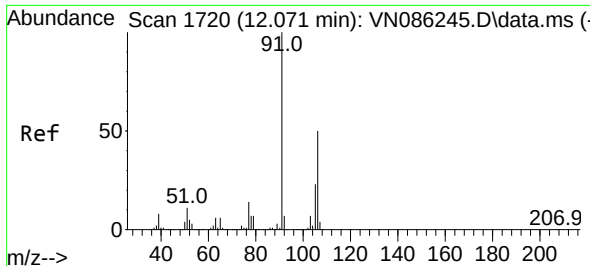
Tgt Ion:131 Resp: 51728
 Ion Ratio Lower Upper
 131 100
 133 93.8 0.0 190.4
 119 67.4 0.0 135.6



#66
 Ethyl Benzene
 Concen: 20.355 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086275.D
 Acq: 14 Apr 2025 17:38

Tgt Ion: 91 Resp: 274082
 Ion Ratio Lower Upper
 91 100
 106 29.6 23.4 35.0

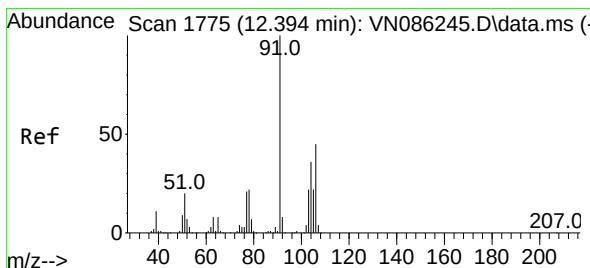
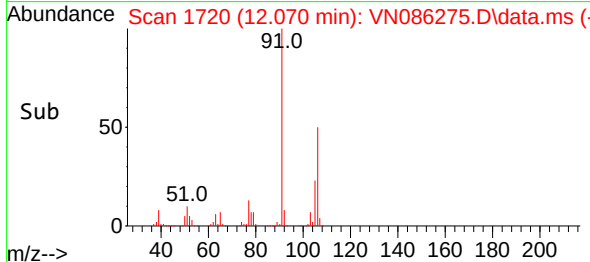
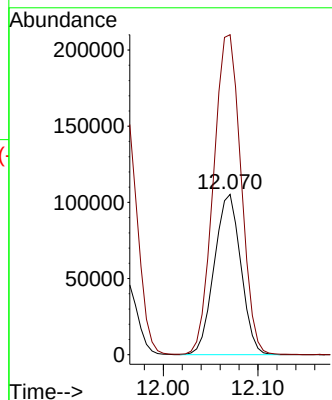
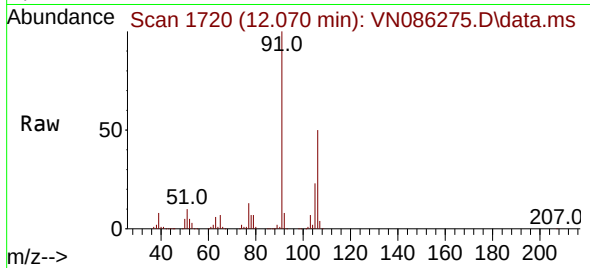




#67
m/p-Xylenes
Concen: 41.038 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

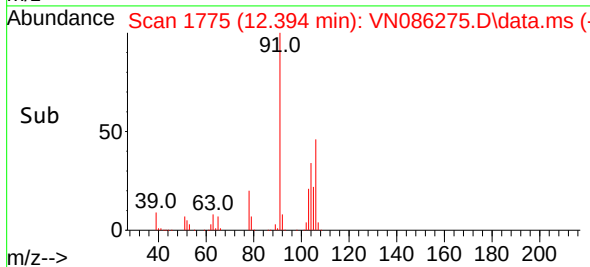
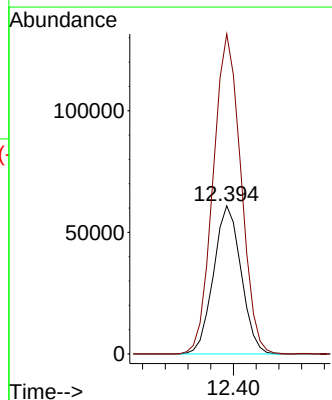
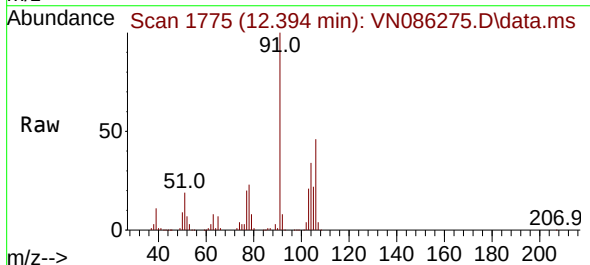
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

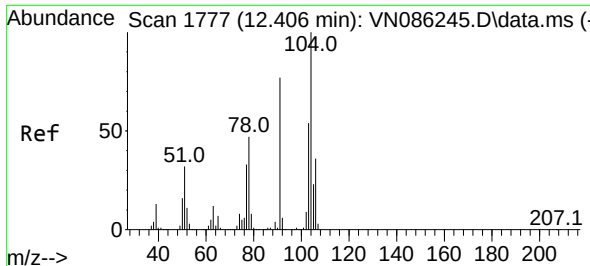
Tgt Ion:106 Resp: 205474
Ion Ratio Lower Upper
106 100
91 206.4 164.5 246.7



#68
o-Xylene
Concen: 20.857 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion:106 Resp: 102718
Ion Ratio Lower Upper
106 100
91 217.5 109.8 329.4

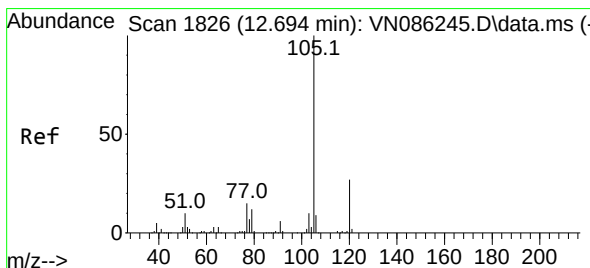
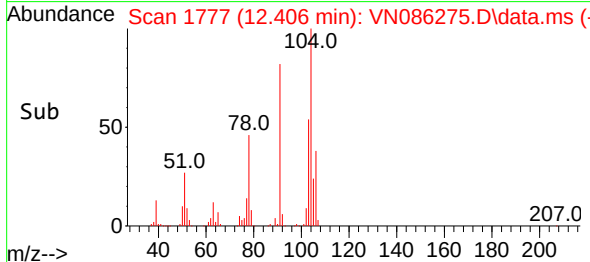
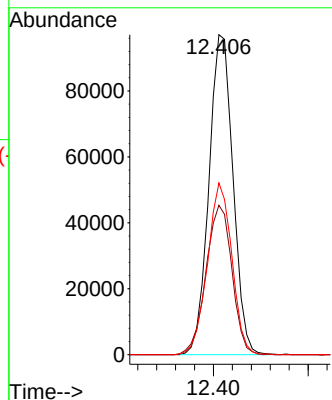
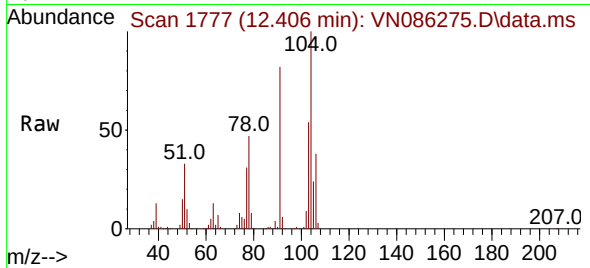




#69
Styrene
Concen: 20.622 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

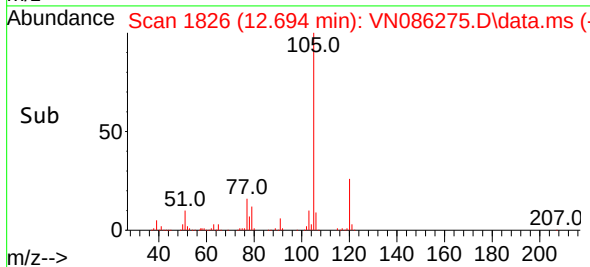
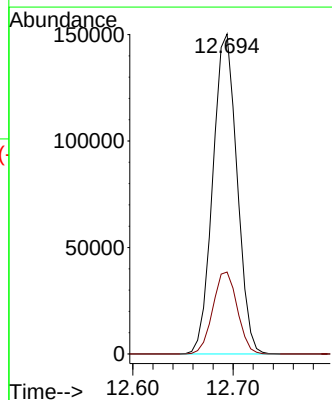
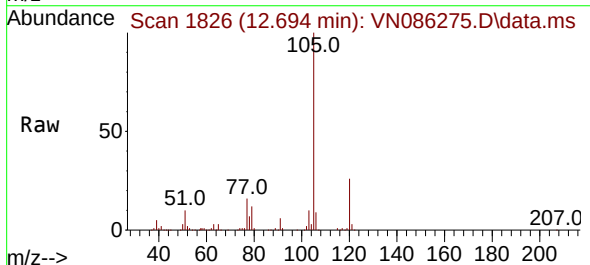
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

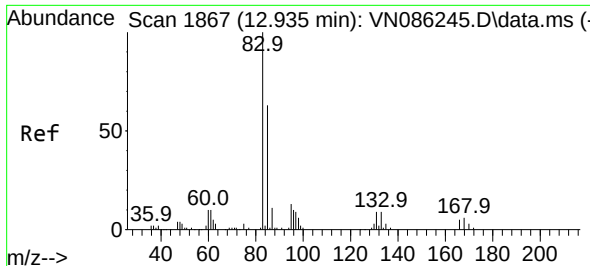
Tgt Ion:104 Resp: 171277
Ion Ratio Lower Upper
104 100
78 50.3 41.4 62.0
103 54.5 44.2 66.4



#70
Isopropylbenzene
Concen: 20.724 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion:105 Resp: 251651
Ion Ratio Lower Upper
105 100
120 25.9 18.3 34.1

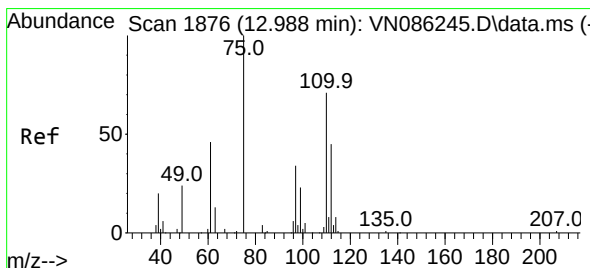
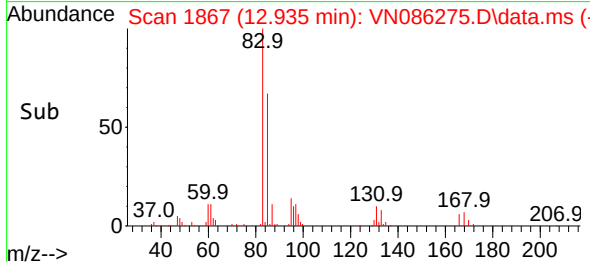
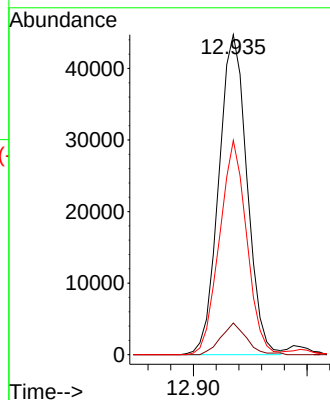
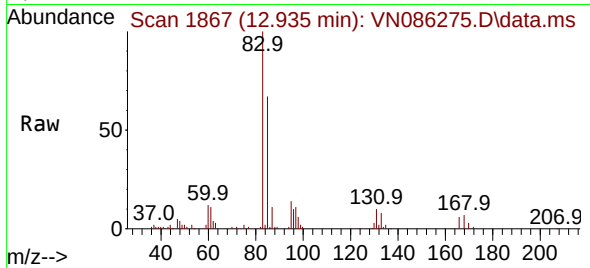




#71
1,1,2,2-Tetrachloroethane
Concen: 22.341 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

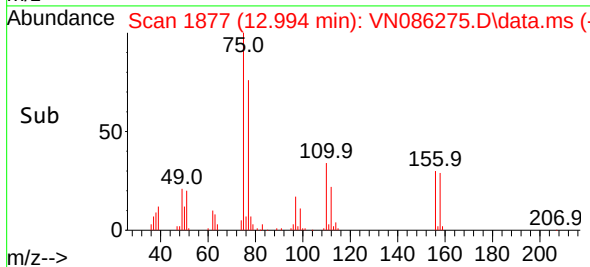
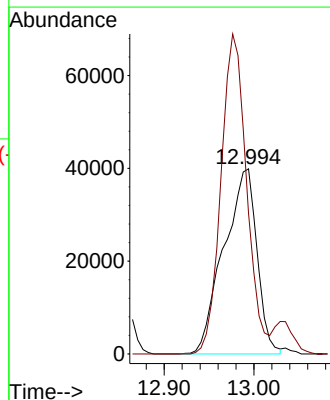
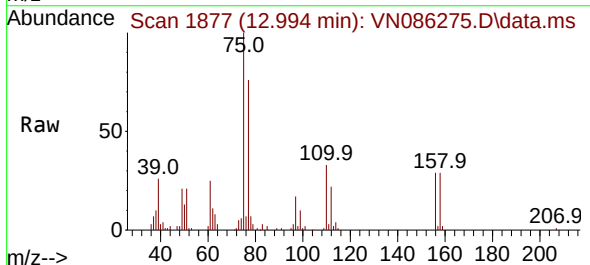
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

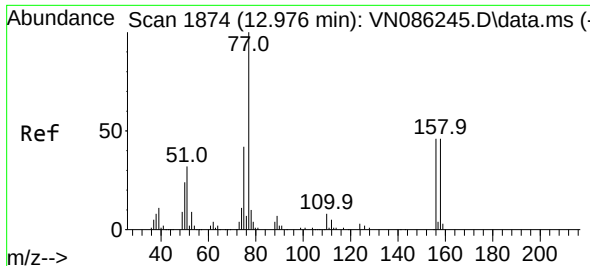
Tgt Ion: 83 Resp: 77217
Ion Ratio Lower Upper
83 100
131 8.9 4.8 14.3
85 64.5 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 28.414 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 75 Resp: 102227
Ion Ratio Lower Upper
75 100
77 134.1 0.0 380.0

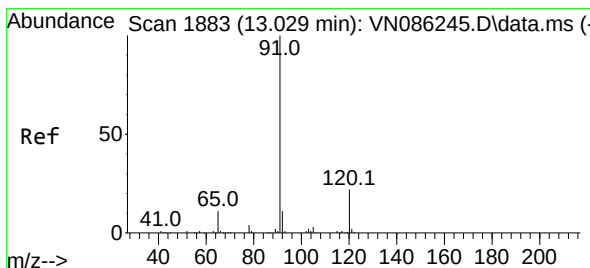
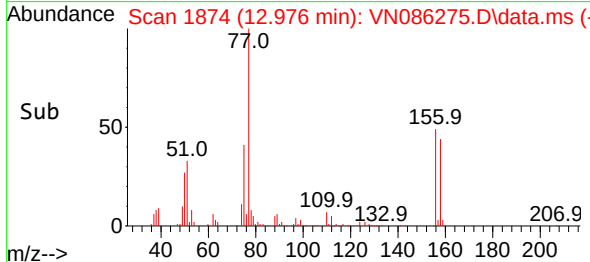
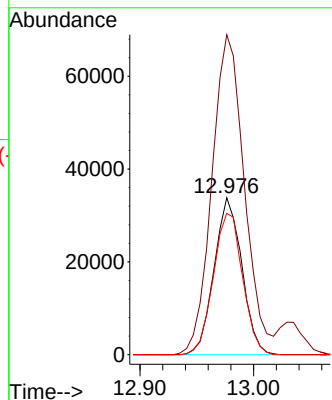
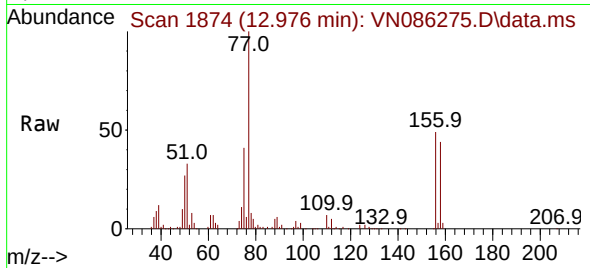




#73
Bromobenzene
Concen: 21.312 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

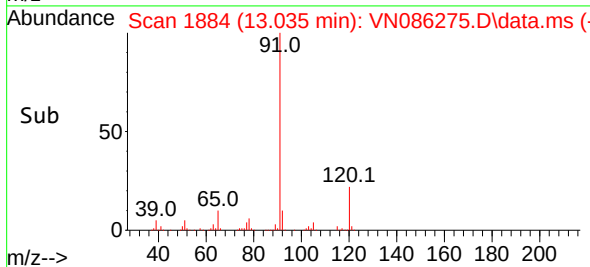
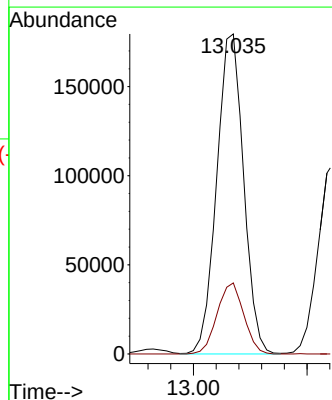
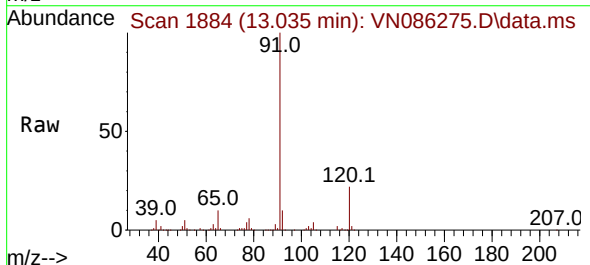
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

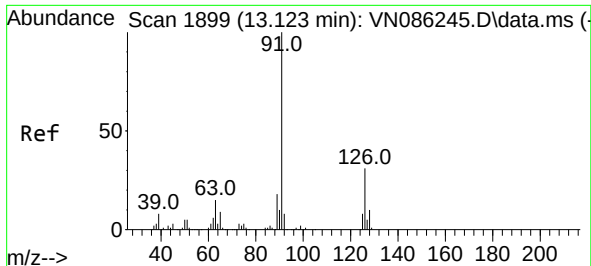
Tgt Ion:156 Resp: 57330
Ion Ratio Lower Upper
156 100
77 239.2 0.0 505.2
158 95.0 0.0 195.0



#74
n-propylbenzene
Concen: 20.600 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 91 Resp: 295376
Ion Ratio Lower Upper
91 100
120 21.9 0.0 44.0

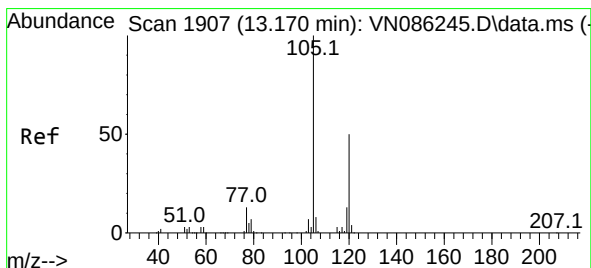
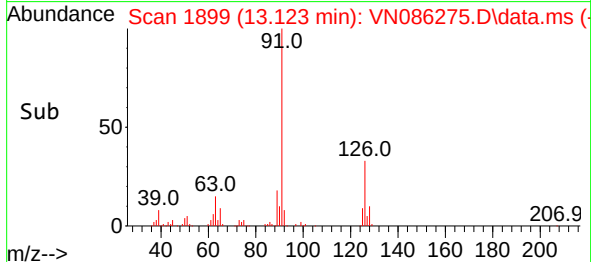
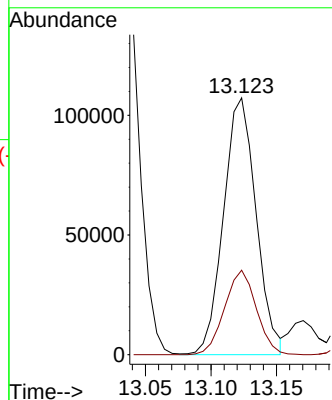
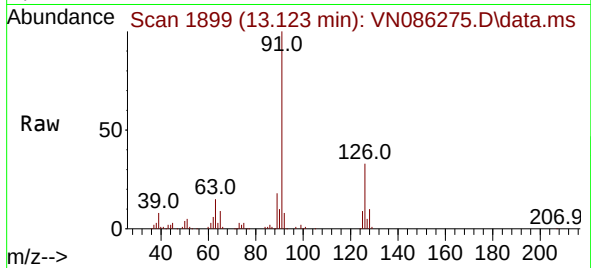




#75
2-Chlorotoluene
Concen: 20.596 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

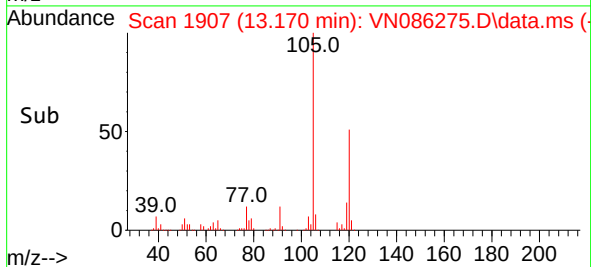
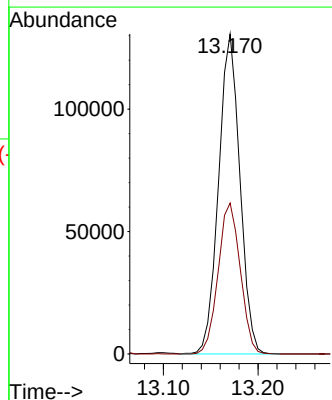
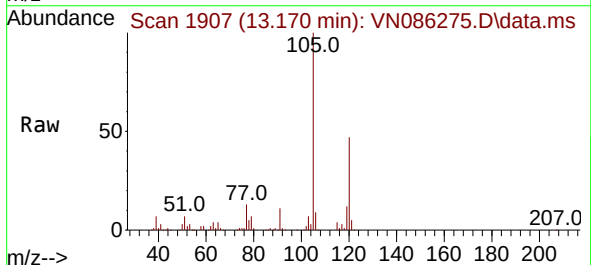
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

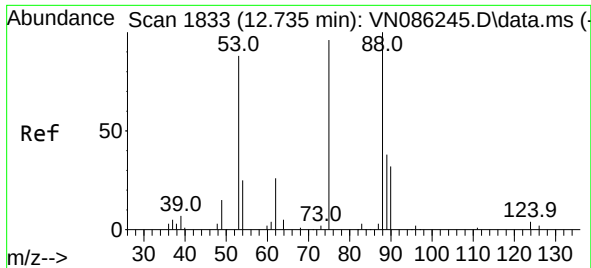
Tgt Ion: 91 Resp: 185617
Ion Ratio Lower Upper
91 100
126 32.0 0.0 63.4



#76
1,3,5-Trimethylbenzene
Concen: 20.499 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 105 Resp: 204477
Ion Ratio Lower Upper
105 100
120 48.9 0.0 98.0

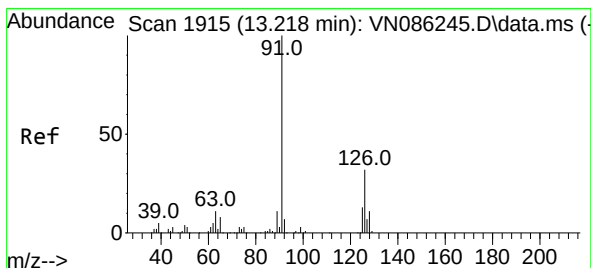
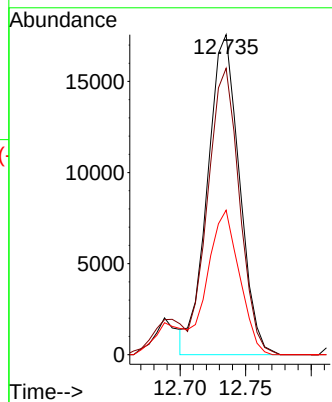
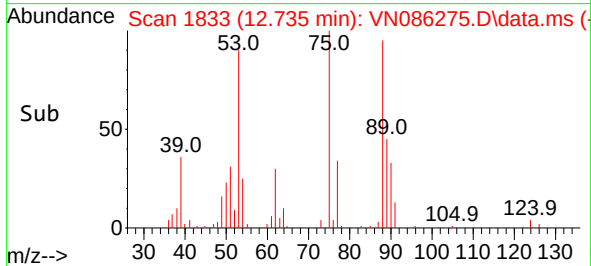
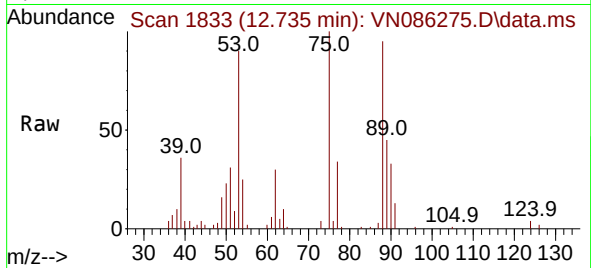




#77
t-1,4-Dichloro-2-butene
Concen: 17.960 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

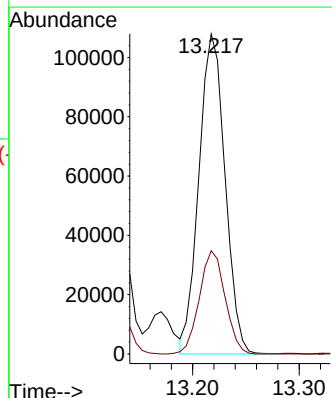
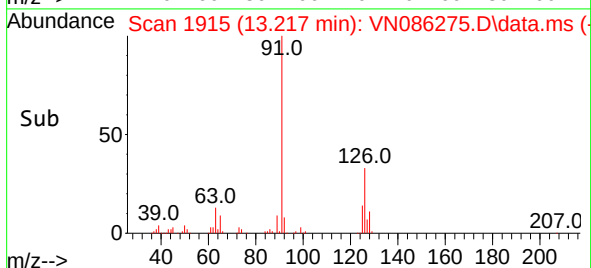
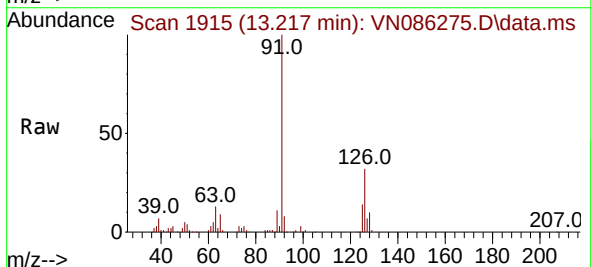
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

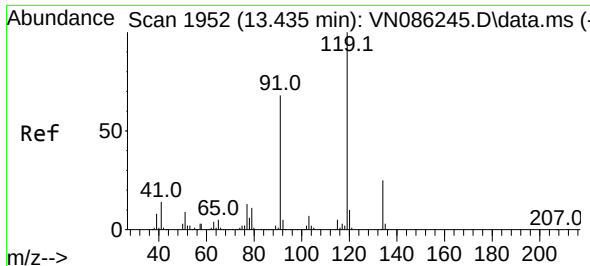
Tgt Ion: 75 Resp: 29794
Ion Ratio Lower Upper
75 100
53 89.5 46.4 139.2
89 45.1 22.5 67.5



#78
4-Chlorotoluene
Concen: 20.470 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 91 Resp: 184248
Ion Ratio Lower Upper
91 100
126 31.6 0.0 63.2

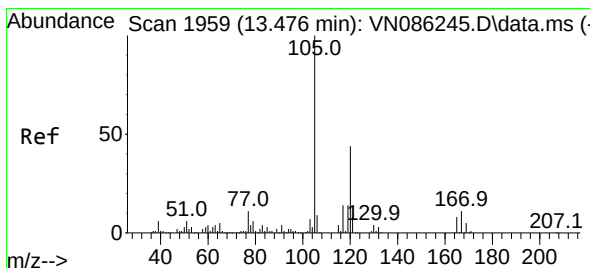
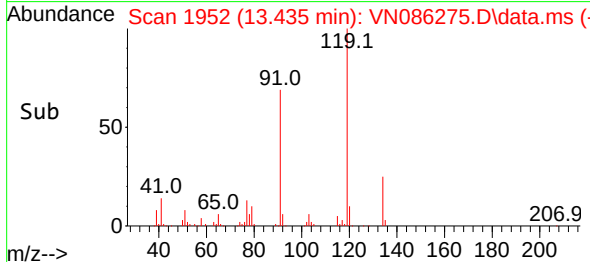
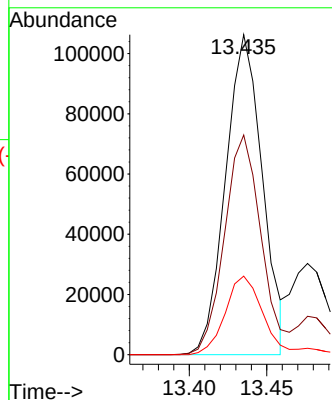
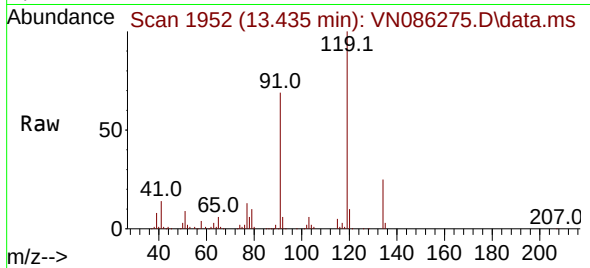




#79
tert-butylbenzene
Concen: 20.335 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

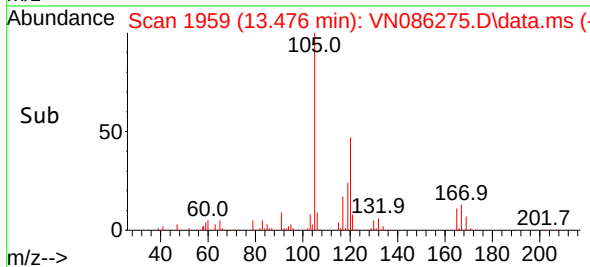
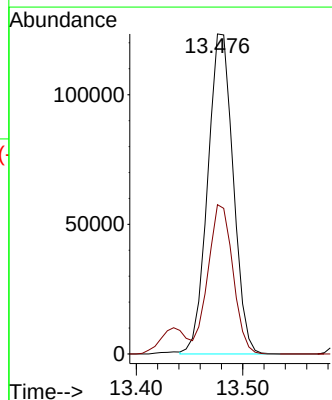
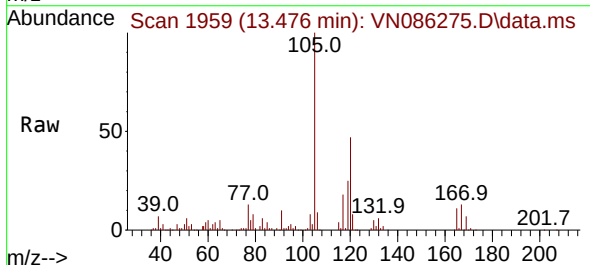
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

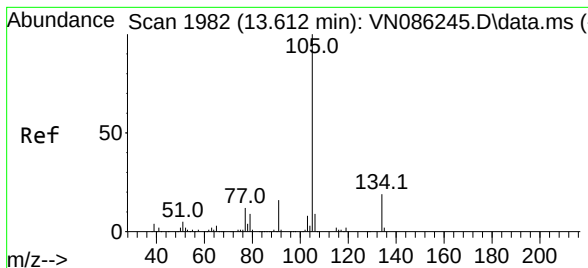
Tgt Ion:119 Resp: 175515
Ion Ratio Lower Upper
119 100
91 68.9 0.0 136.6
134 24.6 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 20.317 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion:105 Resp: 205501
Ion Ratio Lower Upper
105 100
120 45.4 0.0 91.0

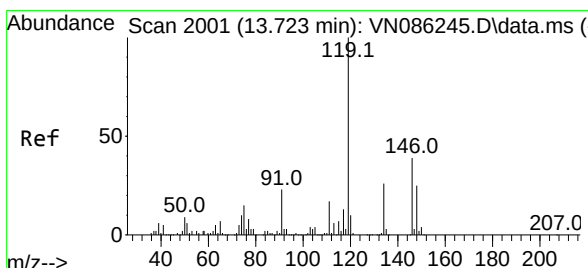
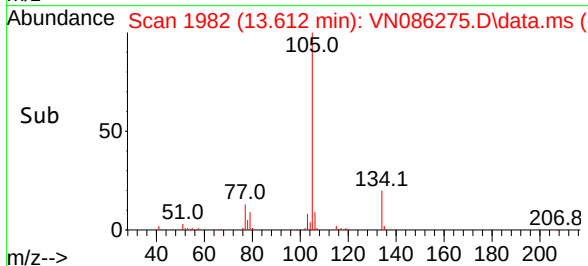
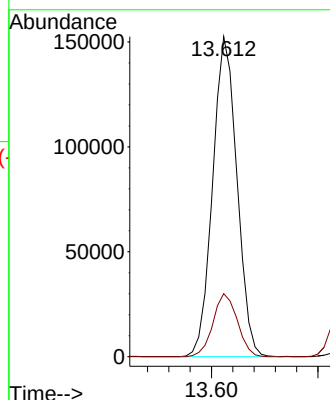
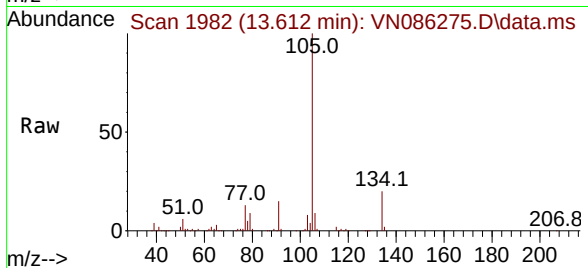




#81
 sec-Butylbenzene
 Concen: 20.065 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086275.D
 Acq: 14 Apr 2025 17:38

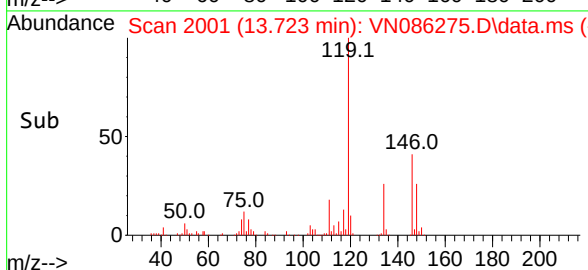
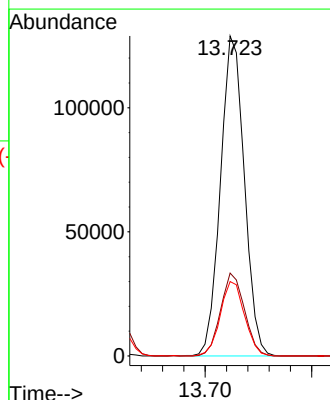
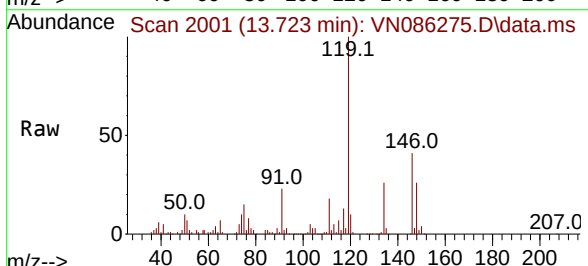
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

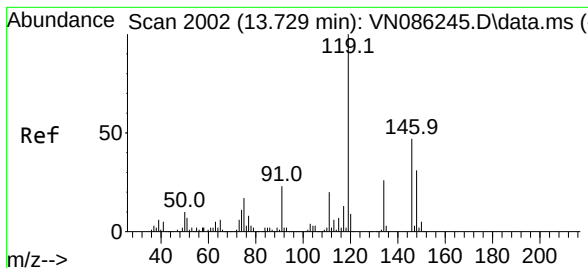
Tgt Ion:105 Resp: 241580
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 19.965 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086275.D
 Acq: 14 Apr 2025 17:38

Tgt Ion:119 Resp: 200525
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.6
 91 23.7 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 20.906 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

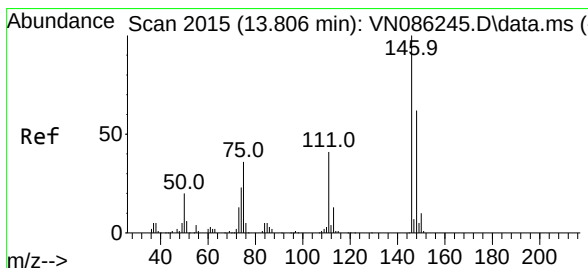
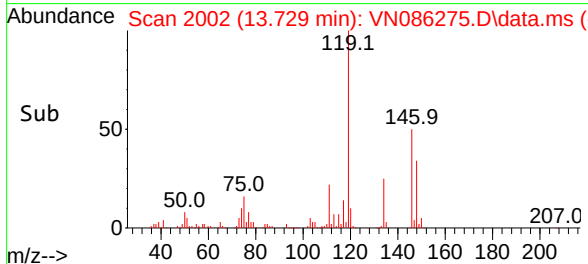
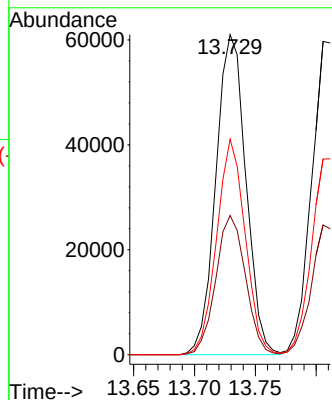
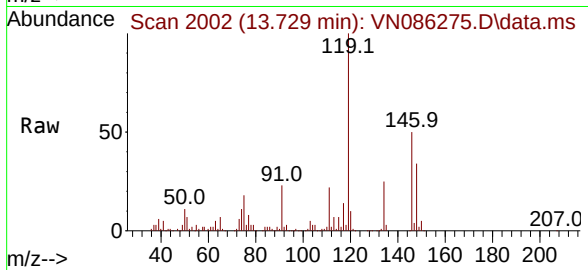
Tgt Ion:146 Resp: 104528

Ion Ratio Lower Upper

146 100

111 43.1 21.7 65.1

148 64.1 32.3 96.8



#84

1,4-Dichlorobenzene

Concen: 20.523 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. -0.000 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

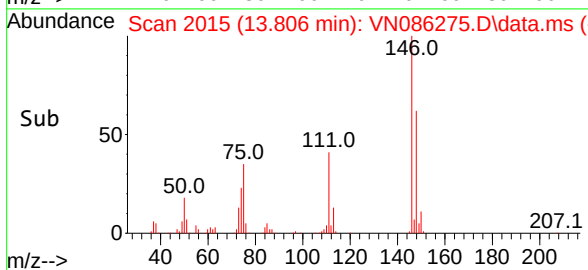
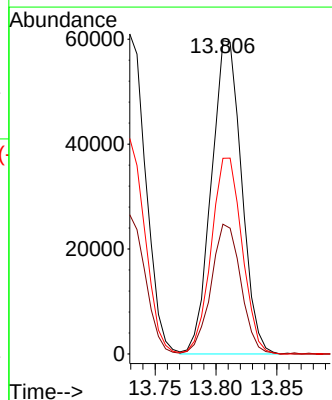
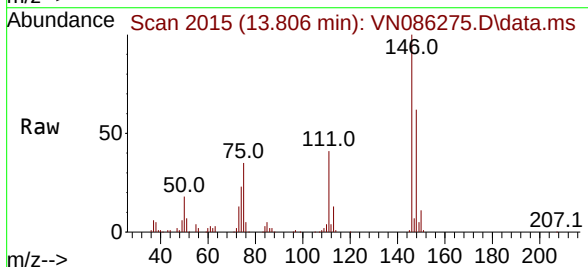
Tgt Ion:146 Resp: 102938

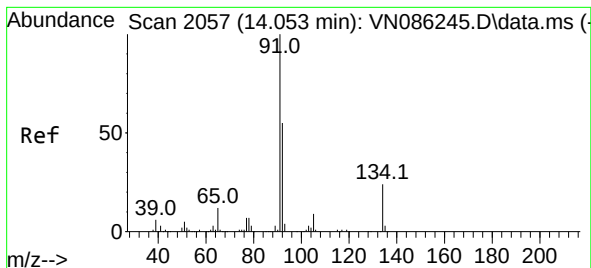
Ion Ratio Lower Upper

146 100

111 40.9 20.8 62.4

148 63.9 31.9 95.5





#85

n-Butylbenzene

Concen: 19.024 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

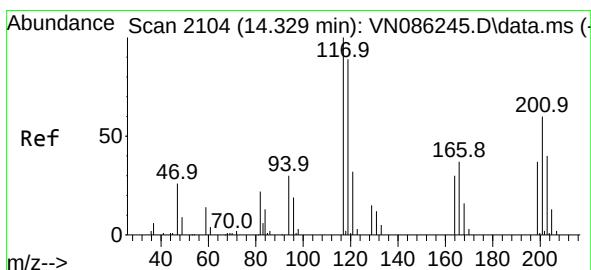
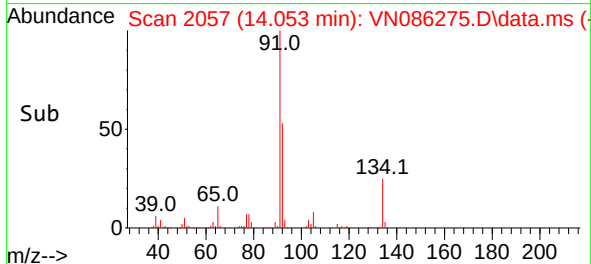
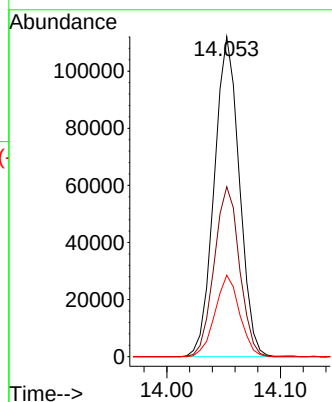
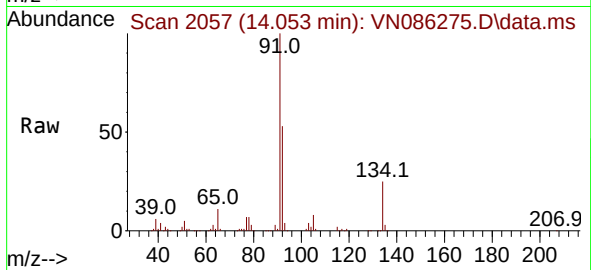
Tgt Ion: 91 Resp: 172367

Ion Ratio Lower Upper

91 100

92 53.4 0.0 109.4

134 24.9 0.0 48.2



#86

Hexachloroethane

Concen: 19.901 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN086275.D

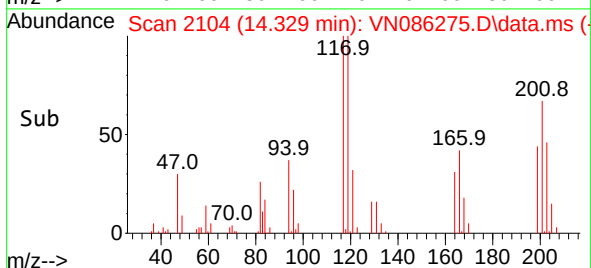
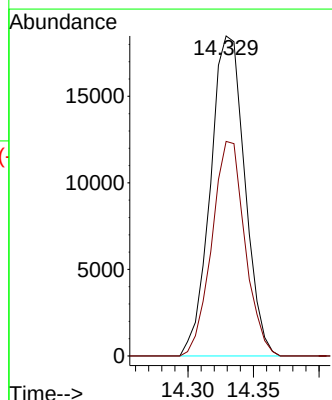
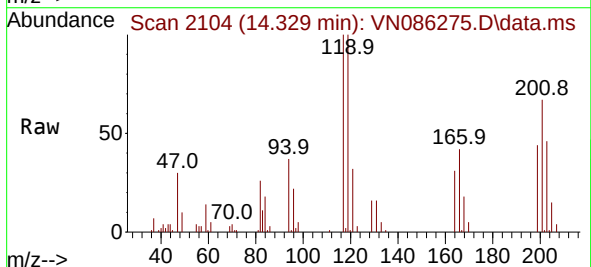
Acq: 14 Apr 2025 17:38

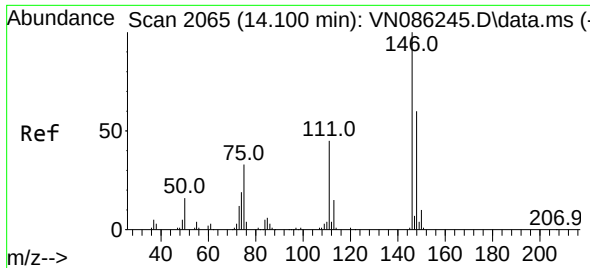
Tgt Ion: 117 Resp: 33717

Ion Ratio Lower Upper

117 100

201 64.5 30.9 92.8

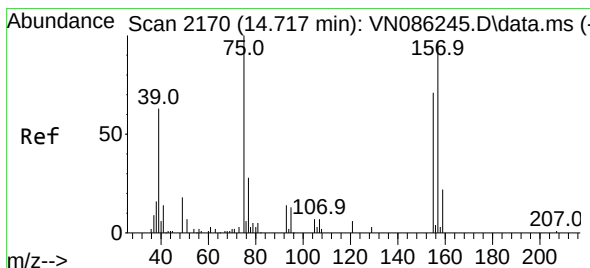
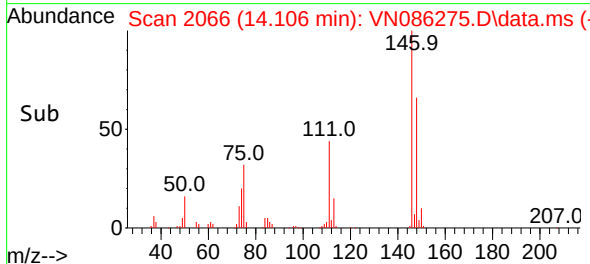
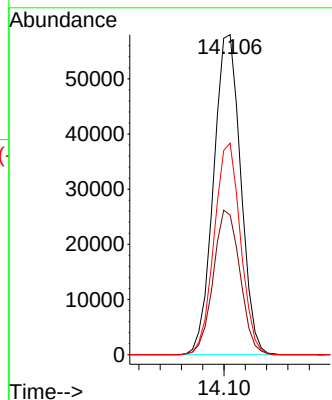
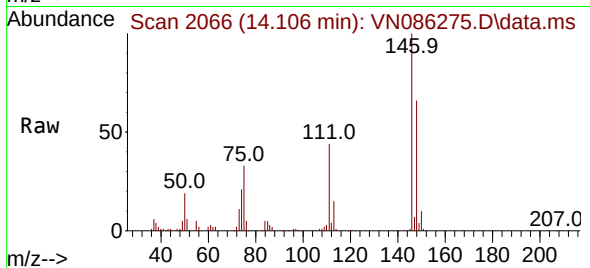




#87
1,2-Dichlorobenzene
Concen: 20.772 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

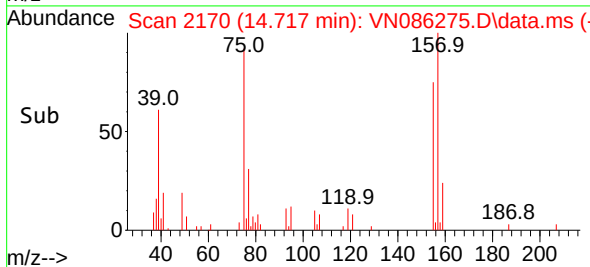
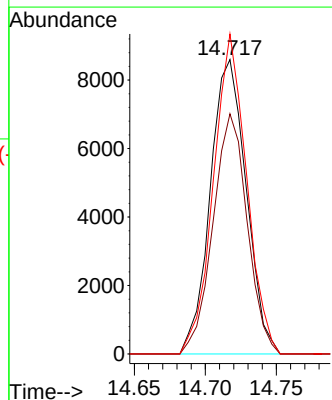
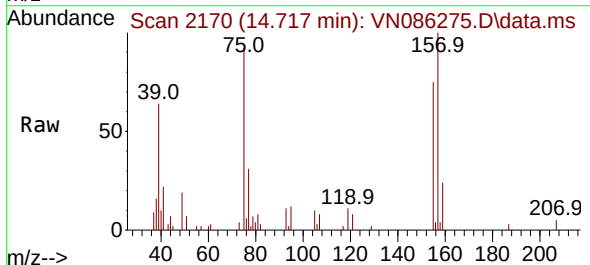
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

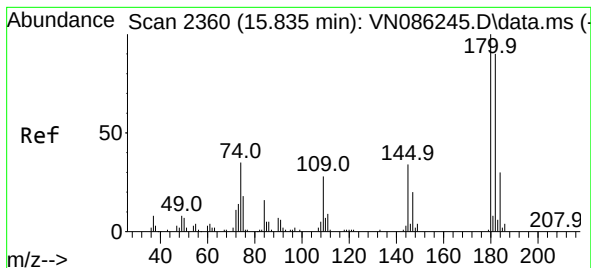
Tgt Ion:146 Resp: 102545
Ion Ratio Lower Upper
146 100
111 44.6 22.7 68.0
148 64.3 31.8 95.3



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.231 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion: 75 Resp: 15139
Ion Ratio Lower Upper
75 100
155 77.6 60.3 90.5
157 100.3 79.0 118.4





#89

1,2,4-Trichlorobenzene

Concen: 19.099 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

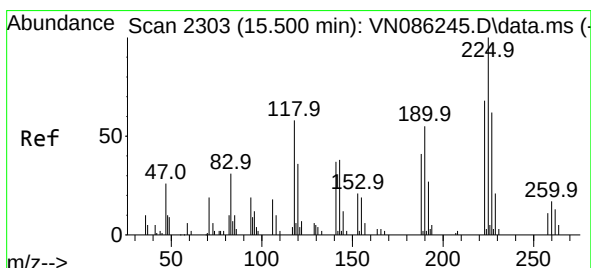
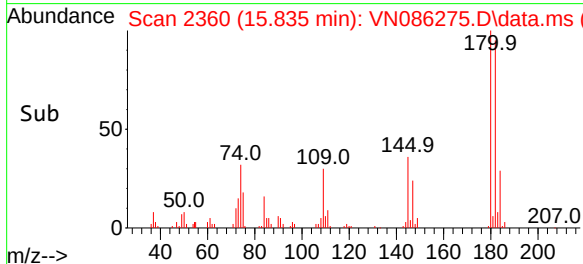
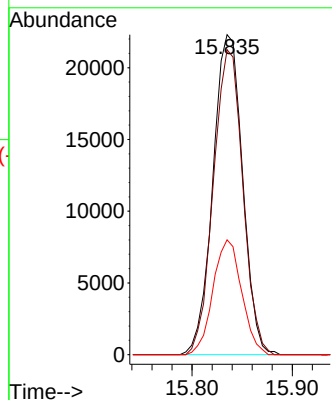
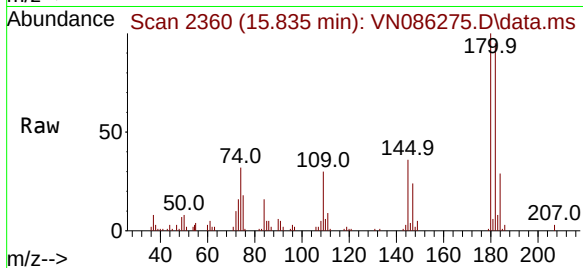
Tgt Ion:180 Resp: 45876

Ion Ratio Lower Upper

180 100

182 94.3 75.1 112.7

145 34.6 27.1 40.7



#90

Hexachlorobutadiene

Concen: 18.562 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086275.D

Acq: 14 Apr 2025 17:38

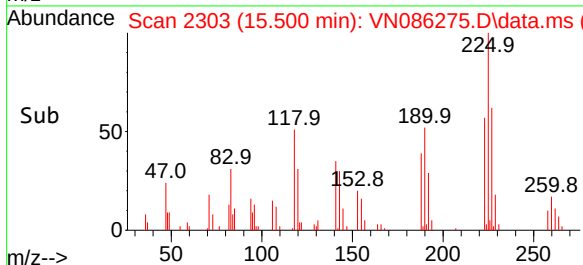
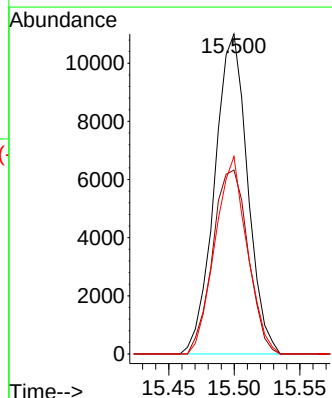
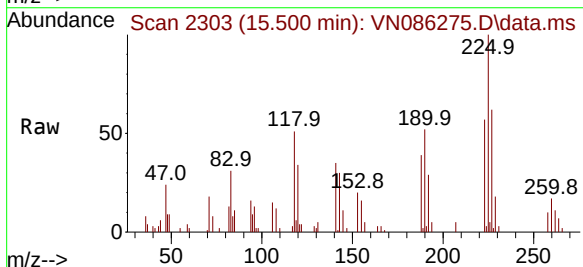
Tgt Ion:225 Resp: 19250

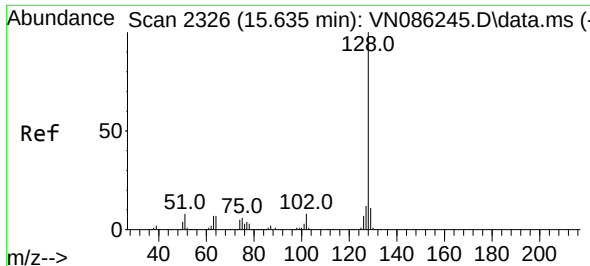
Ion Ratio Lower Upper

225 100

223 61.6 0.0 130.0

227 60.1 0.0 123.2

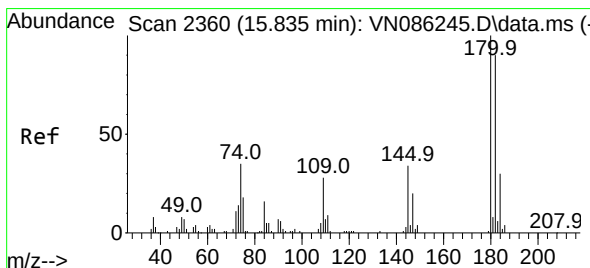
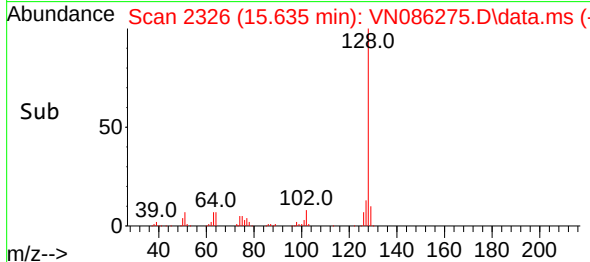
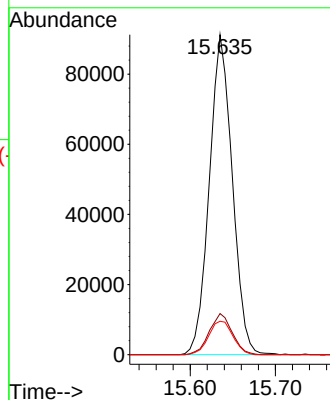
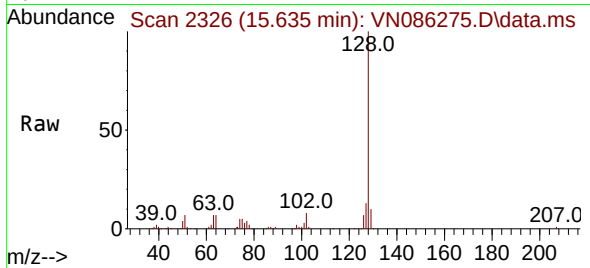




#91
Naphthalene
Concen: 18.052 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 170963
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.1 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 19.099 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086275.D
Acq: 14 Apr 2025 17:38

Tgt Ion:180 Resp: 45876
Ion Ratio Lower Upper
180 100
182 94.3 0.0 187.8
145 34.6 0.0 67.8

