

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041125\
 Data File : VN086245.D
 Acq On : 11 Apr 2025 12:16
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Apr 12 00:20:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 00:09:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	30974	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	185020	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	163907	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	89958	29.776	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.267%		
60) 4-Bromofluorobenzene	12.847	95	97314	29.820	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.400%		
63) Toluene-d8	10.565	98	281589	30.431	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.433%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	48008	19.345	ug/l	100
3) Chloromethane	2.359	50	63879	18.624	ug/l	100
4) Vinyl Chloride	2.512	62	62095	19.006	ug/l	100
5) Bromomethane	2.965	94	30452	18.686	ug/l	100
6) Chloroethane	3.124	64	38415	18.620	ug/l	100
7) Trichlorofluoromethane	3.501	101	66215	18.683	ug/l	100
8) Diethyl Ether	3.959	74	30487	18.653	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	41257	18.878	ug/l	100
10) 1,1-Dichloroethene	4.342	96	44299	18.782	ug/l	100
11) Methyl Iodide	4.589	142	50856	18.760	ug/l	100
12) Methyl Acetate	5.024	43	61331	18.414	ug/l	100
13) Acrolein	4.177	56	27873	73.623	ug/l	100
14) Acrylonitrile	5.718	53	132407	94.169	ug/l	100
15) Acetone	4.424	58	33967	95.196	ug/l	95
16) Carbon Disulfide	4.712	76	129547	19.155	ug/l	100
17) Allyl chloride	5.024	41	76657	18.648	ug/l	100
18) Methylene Chloride	5.277	84	49299	18.333	ug/l	100
19) trans-1,2-Dichloroethene	5.789	96	45854	21.553	ug/l	100
20) Diisopropyl ether	6.671	45	167099	18.905	ug/l	100
21) 1,1-Dichloroethane	6.565	63	89726	19.030	ug/l	100
22) cis-1,2-Dichloroethene	7.489	96	55538	18.766	ug/l	100
23) tert-Butyl Alcohol	5.512	59	56269	96.582	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	158818	18.690	ug/l	100
25) Chloroform	7.965	83	84511	18.796	ug/l	100
26) Cyclohexane	8.253	56	81442	18.462	ug/l #	100
29) 1,1-Dichloropropene	8.371	75	63403	19.129	ug/l	100
30) 2-Butanone	7.483	43	178630	97.263	ug/l	100
31) 2,2-Dichloropropane	7.489	77	78733	19.298	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	72230	18.945	ug/l	100
33) Carbon Tetrachloride	8.359	117	58240	19.114	ug/l	100
34) Benzene	8.606	78	201431	19.103	ug/l	100
35) Methacrylonitrile	7.777	41	39241	18.953	ug/l	100
36) 1,2-Dichloroethane	8.671	62	63104	19.124	ug/l	100
37) Trichloroethene	9.353	130	48886	19.215	ug/l	100
38) Methylcyclohexane	9.600	83	75994	18.695	ug/l	100
39) 1,2-Dichloropropane	9.618	63	49925	19.028	ug/l	100
40) Dibromomethane	9.706	93	32130	18.960	ug/l	100
41) Bromodichloromethane	9.882	83	69713	19.149	ug/l	100
42) Vinyl Acetate	6.600	43	616622	98.633	ug/l	100

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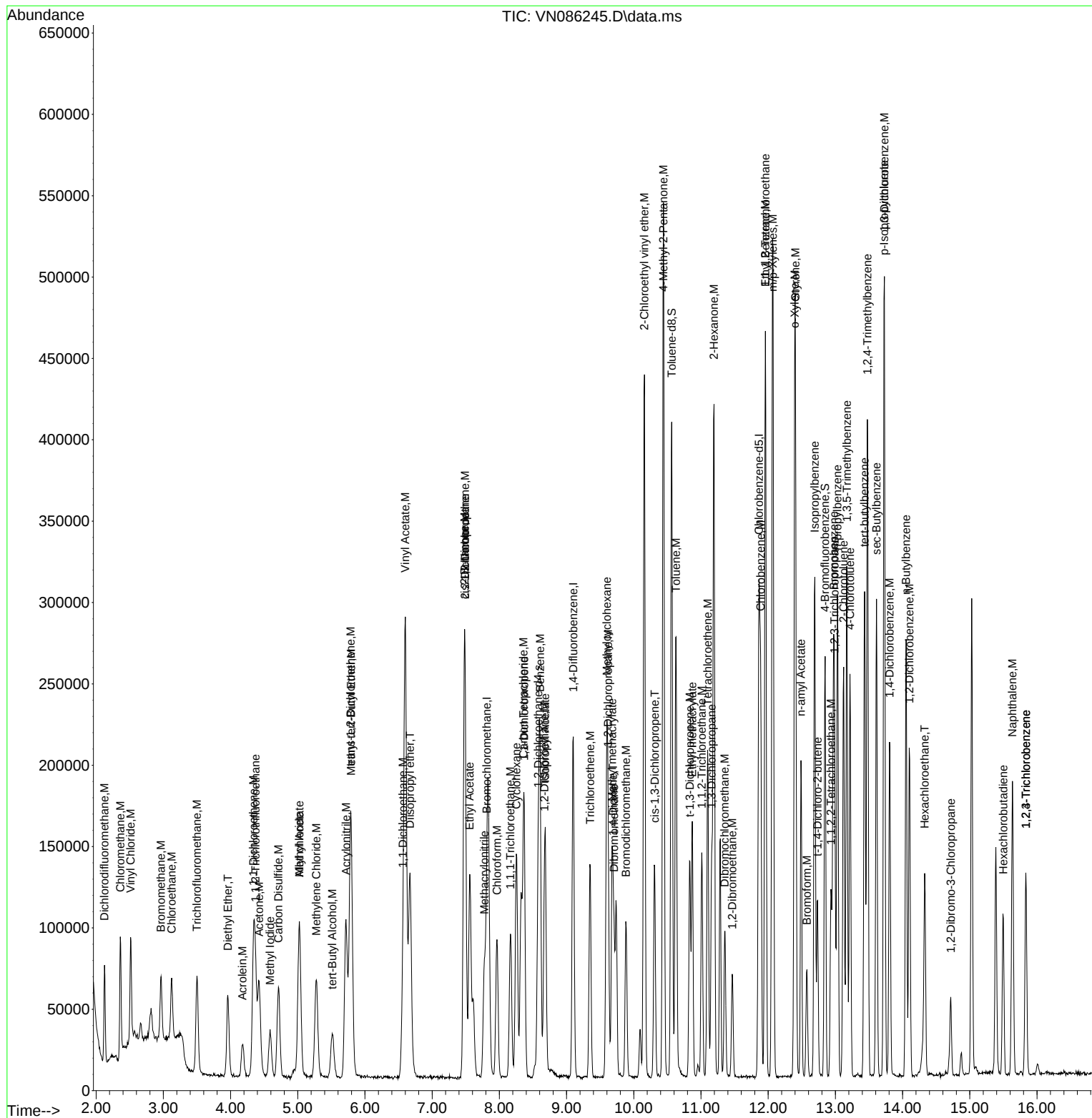
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	72635	19.607	ug/l	100
44) Isopropyl Acetate	8.683	43	129543	18.850	ug/l	100
45) 1,4-Dioxane	9.694	88	21134	386.736	ug/l	100
46) Methyl methacrylate	9.677	41	58112	19.192	ug/l	100
47) n-amyl Acetate	12.488	43	101635	18.304	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	78104	18.977	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	83505	19.170	ug/l	100
50) 1,1,2-Trichloroethane	11.012	97	45892	19.308	ug/l	100
51) Ethyl methacrylate	10.871	69	84042	19.027	ug/l	100
52) 1,3-Dichloropropane	11.159	76	79960	18.875	ug/l	100
53) Dibromochloromethane	11.353	129	49892	19.190	ug/l	100
54) 1,2-Dibromoethane	11.465	107	45668	19.034	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	199584	119.582	ug/l	100
56) Bromoform	12.576	173	32612	19.173	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	366576	98.554	ug/l	100
59) 2-Hexanone	11.194	43	271384	97.984	ug/l	100
61) Tetrachloroethene	11.100	164	46313	19.134	ug/l	100
62) Toluene	10.629	91	212088	19.292	ug/l	100
64) Chlorobenzene	11.888	112	128877	19.188	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	42656	19.244	ug/l	100
66) Ethyl Benzene	11.959	91	233805	19.177	ug/l	100
67) m/p-Xylenes	12.071	106	172384	38.024	ug/l	100
68) o-Xylene	12.394	106	85173	19.101	ug/l	100
69) Styrene	12.406	104	141327	18.793	ug/l	100
70) Isopropylbenzene	12.694	105	209526	19.057	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	60936	19.472	ug/l	100
72) 1,2,3-Trichloropropane	12.988	75	91862	20.734	ug/l	58
73) Bromobenzene	12.976	156	46561	19.116	ug/l	100
74) n-propylbenzene	13.029	91	243573	18.707	ug/l	100
75) 2-Chlorotoluene	13.123	91	154341	18.914	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	172014	19.046	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	28529	18.993	ug/l	100
78) 4-Chlorotoluene	13.218	91	151091	18.539	ug/l	100
79) tert-butylbenzene	13.435	119	147428	18.865	ug/l	100
80) 1,2,4-Trimethylbenzene	13.476	105	174827	19.089	ug/l	100
81) sec-Butylbenzene	13.612	105	208583	19.134	ug/l	100
82) p-Isopropyltoluene	13.723	119	173120	19.037	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	84482	18.662	ug/l	100
84) 1,4-Dichlorobenzene	13.806	146	84947	18.705	ug/l	100
85) n-Butylbenzene	14.053	91	155208	18.919	ug/l	100
86) Hexachloroethane	14.329	117	29008	18.910	ug/l	100
87) 1,2-Dichlorobenzene	14.100	146	85009	19.018	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	14031	19.684	ug/l	100
89) 1,2,4-Trichlorobenzene	15.835	180	43895	20.183	ug/l	100
90) Hexachlorobutadiene	15.500	225	18215	19.398	ug/l	100
91) Naphthalene	15.635	128	169118	19.722	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	43895	20.183	ug/l	100

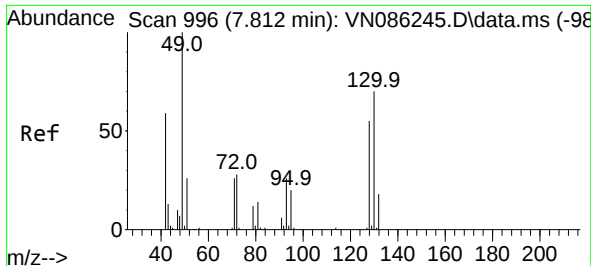
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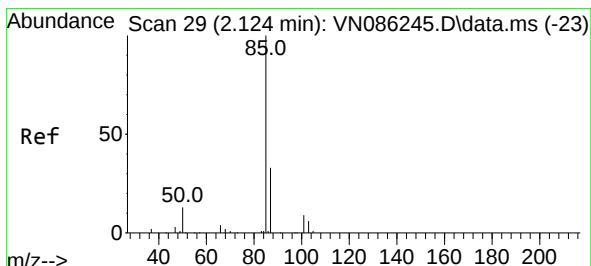
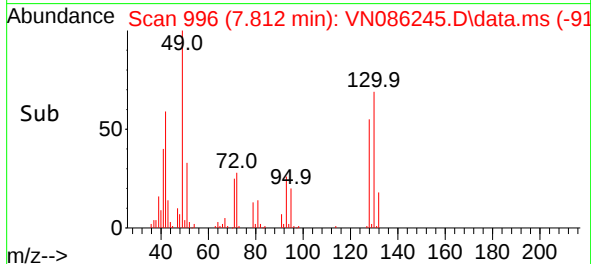
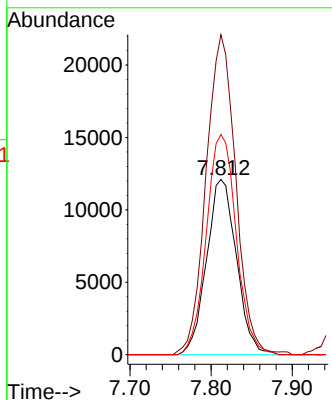
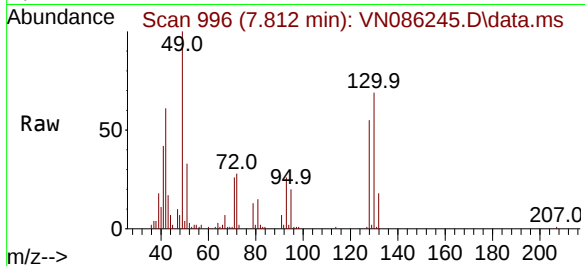




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
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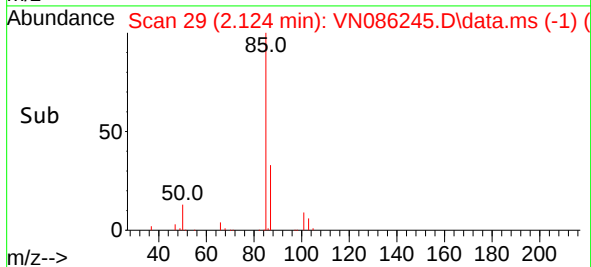
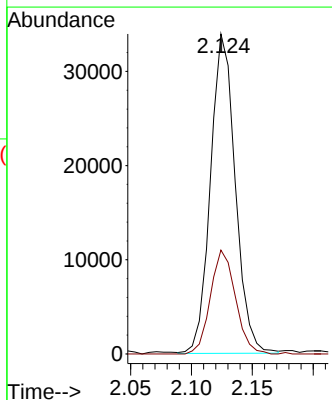
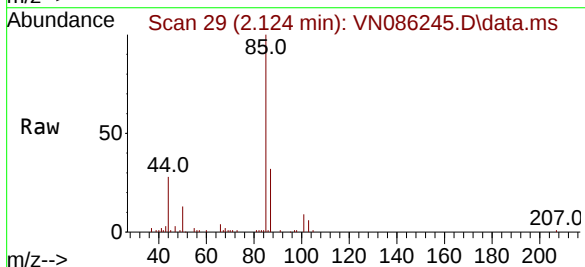
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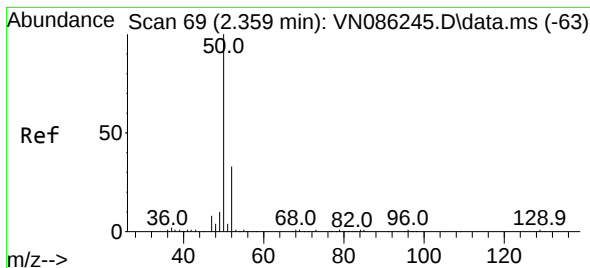
Tgt Ion:128 Resp: 30974
Ion Ratio Lower Upper
128 100
49 181.0 0.0 452.5
130 126.0 0.0 315.0



#2
Dichlorodifluoromethane
Concen: 19.345 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 85 Resp: 48008
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9





#3

Chloromethane

Concen: 18.624 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

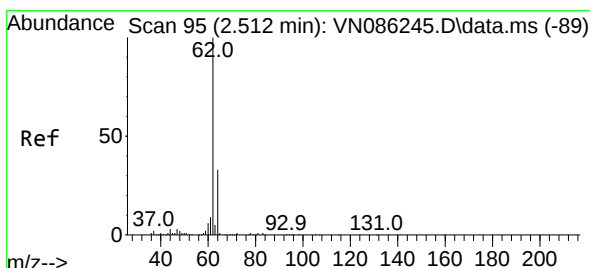
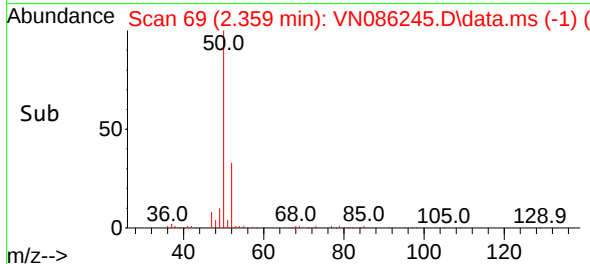
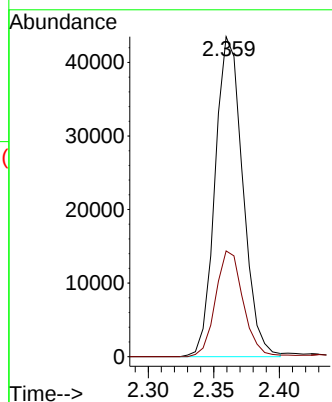
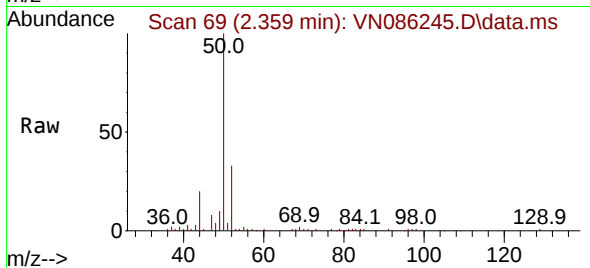
VSTDICCC020

Tgt Ion: 50 Resp: 63879

Ion Ratio Lower Upper

50 100

52 33.0 26.4 39.6



#4

Vinyl Chloride

Concen: 19.006 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN086245.D

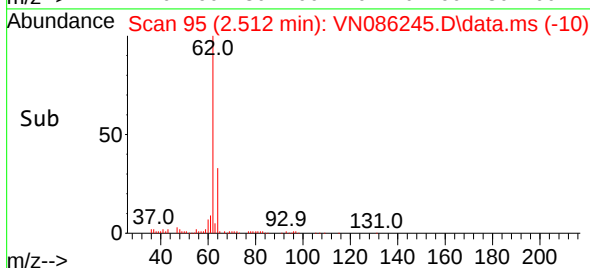
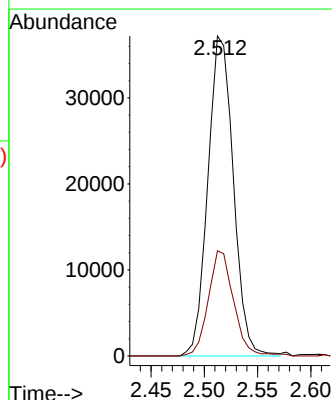
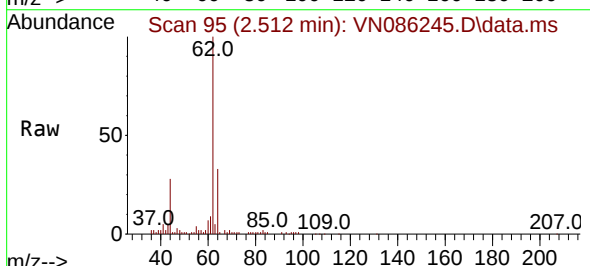
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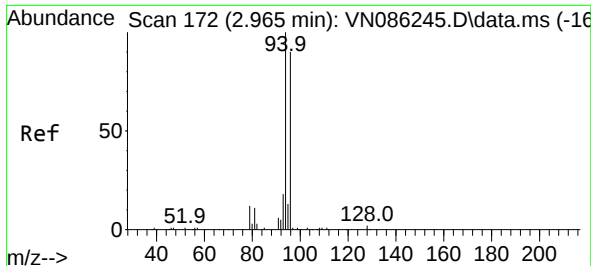
Tgt Ion: 62 Resp: 62095

Ion Ratio Lower Upper

62 100

64 32.9 26.3 39.5

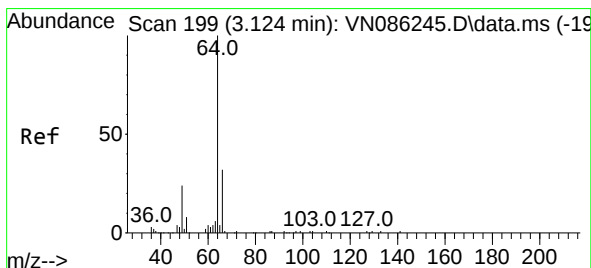
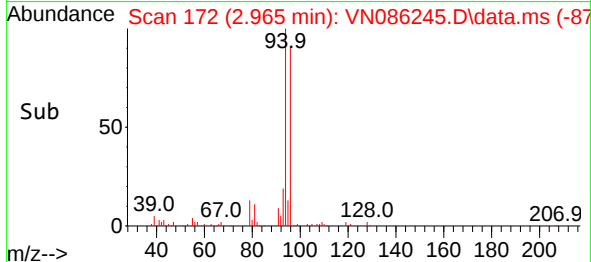
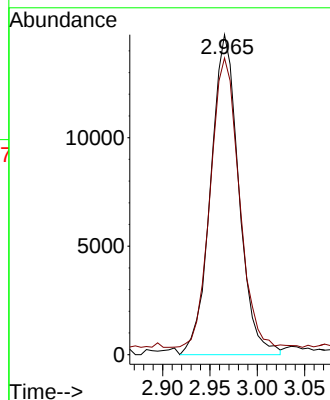
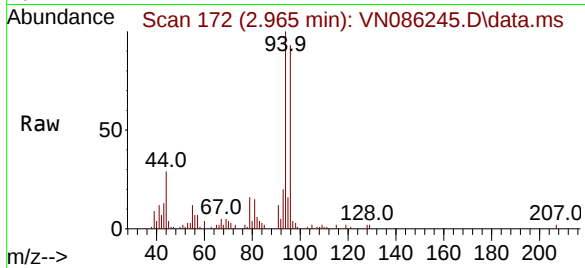




#5
Bromomethane
Concen: 18.686 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086245.D
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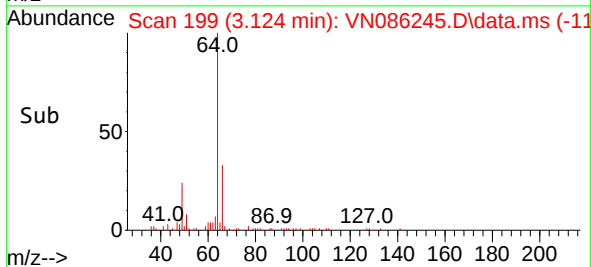
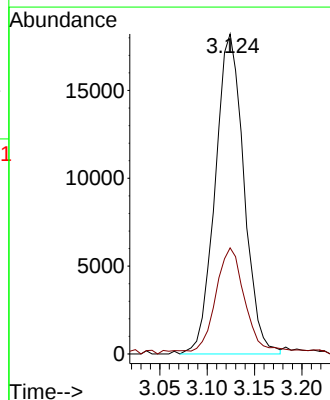
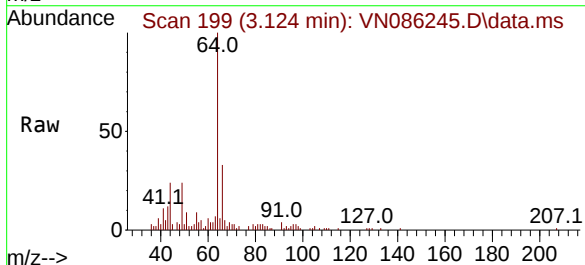
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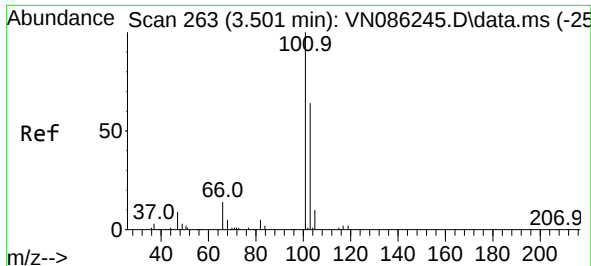
Tgt Ion: 94 Resp: 30452
Ion Ratio Lower Upper
94 100
96 90.2 72.2 108.2



#6
Chloroethane
Concen: 18.620 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 64 Resp: 38415
Ion Ratio Lower Upper
64 100
66 32.1 25.7 38.5

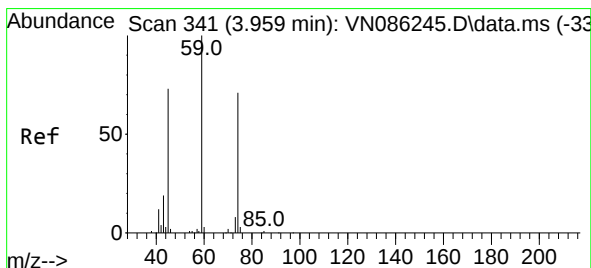
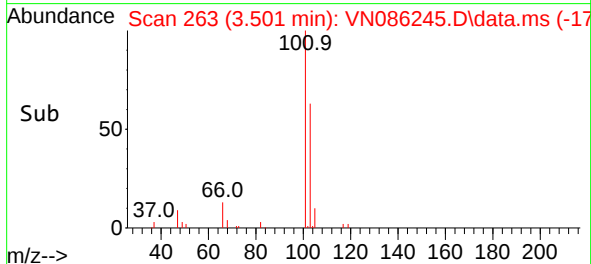
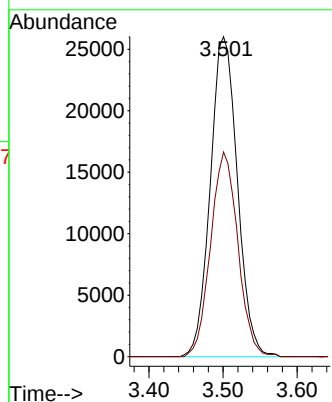
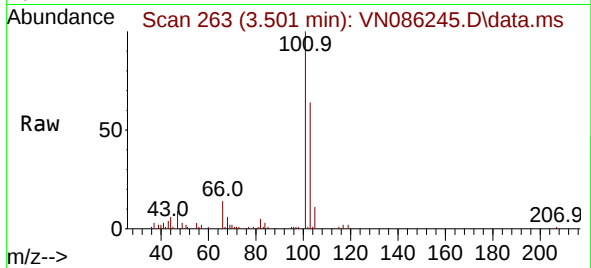




#7
 Trichlorofluoromethane
 Concen: 18.683 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086245.D
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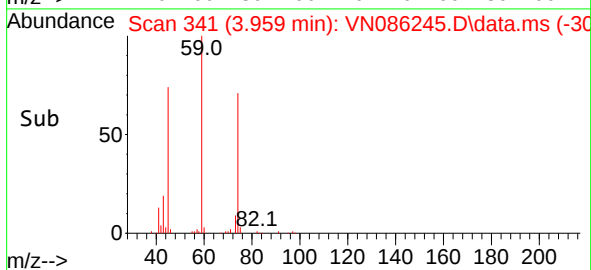
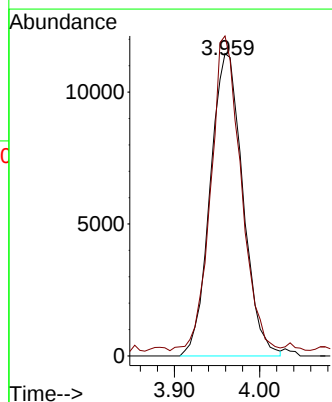
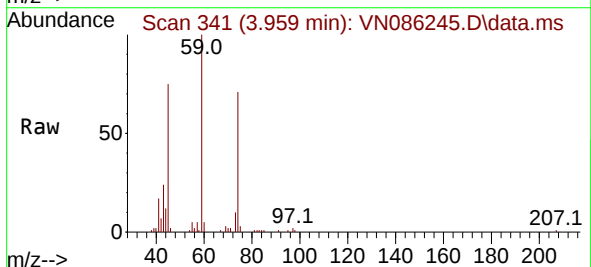
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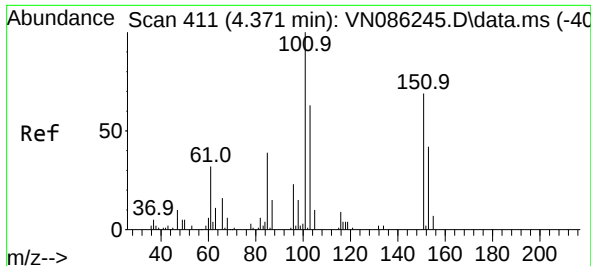
Tgt Ion:101 Resp: 66215
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.2 76.8



#8
 Diethyl Ether
 Concen: 18.653 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086245.D
 Acq: 11 Apr 2025 12:16

Tgt Ion: 74 Resp: 30487
 Ion Ratio Lower Upper
 74 100
 45 96.2 19.2 173.2

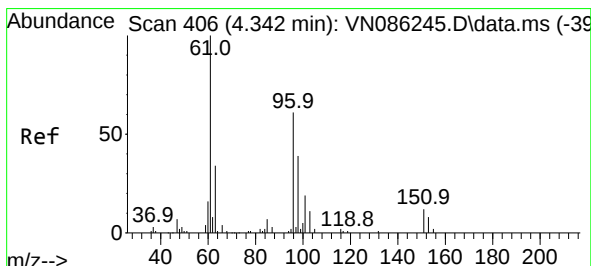
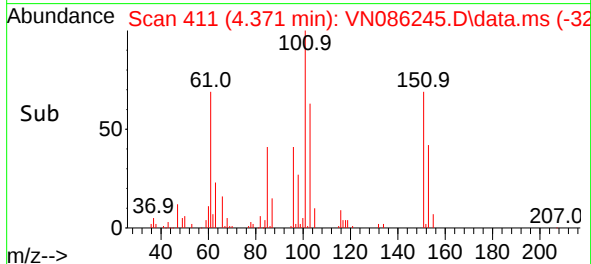
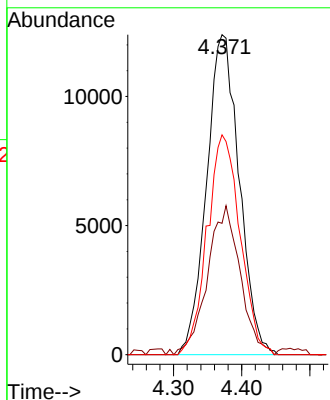
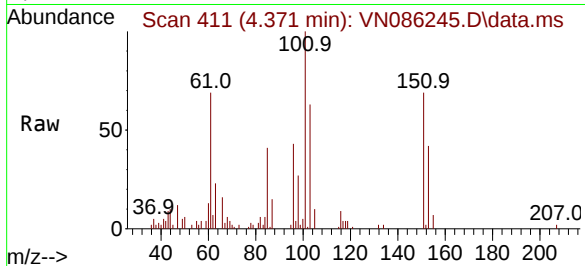




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.878 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
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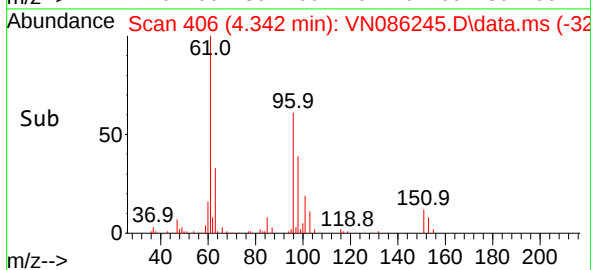
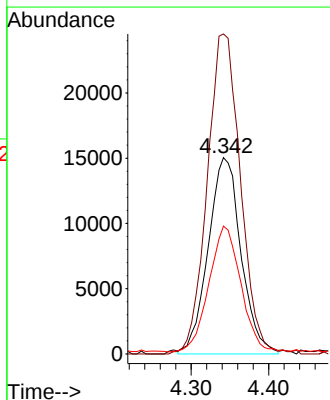
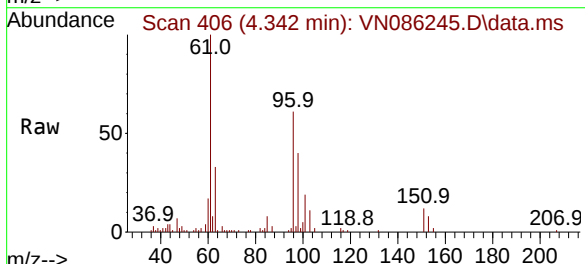
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ClientSampleId :
VSTDICCC020

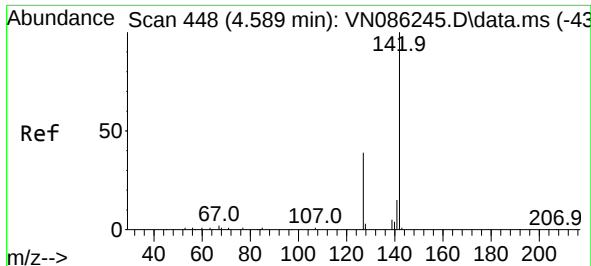
Tgt Ion:101 Resp: 41257
Ion Ratio Lower Upper
101 100
85 46.5 0.0 93.0
151 69.3 0.0 138.6



#10
1,1-Dichloroethene
Concen: 18.782 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 96 Resp: 44299
Ion Ratio Lower Upper
96 100
61 163.9 131.1 196.7
98 64.5 51.6 77.4

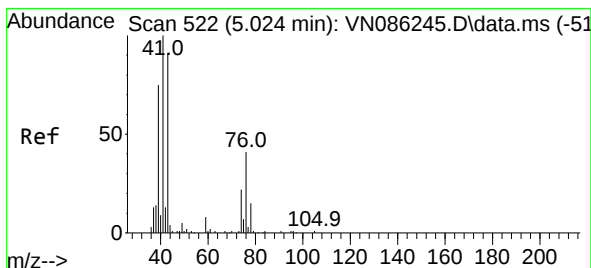
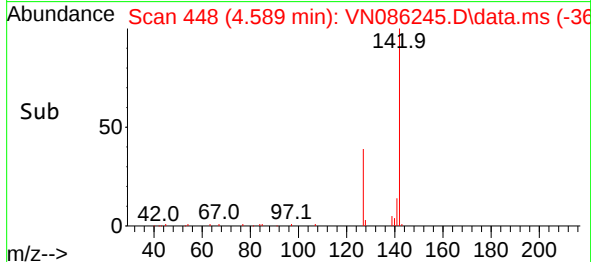
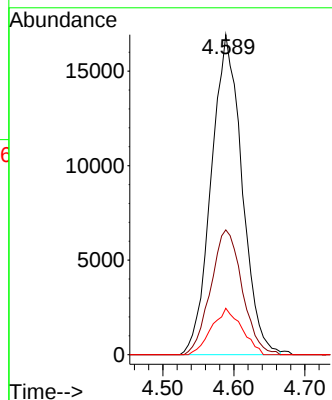
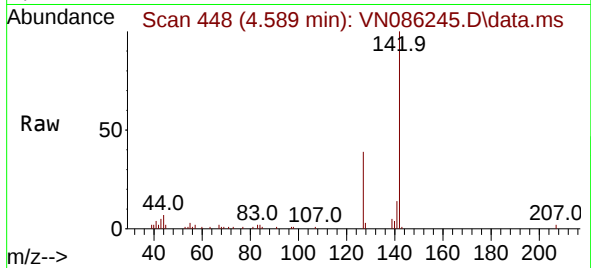




#11
Methyl Iodide
Concen: 18.760 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

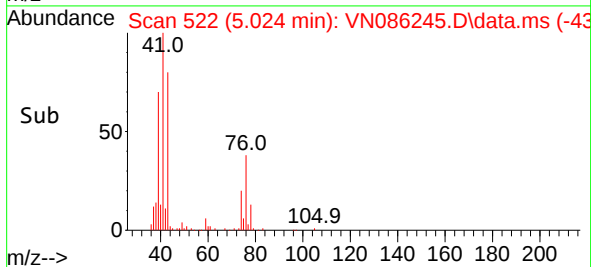
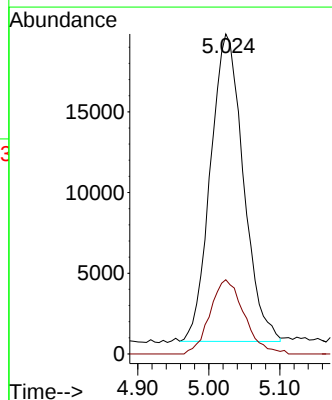
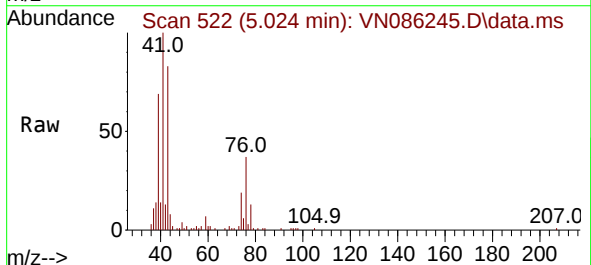
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

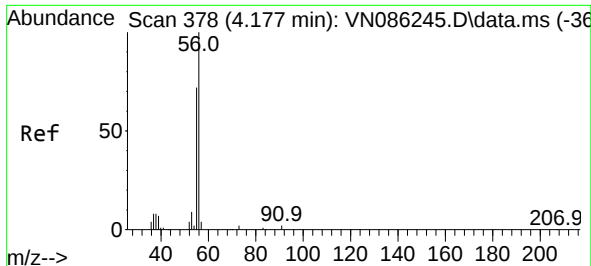
Tgt Ion:142 Resp: 50856
Ion Ratio Lower Upper
142 100
127 39.2 19.6 58.8
141 14.6 7.3 21.9



#12
Methyl Acetate
Concen: 18.414 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 43 Resp: 61331
Ion Ratio Lower Upper
43 100
74 23.9 19.1 28.7

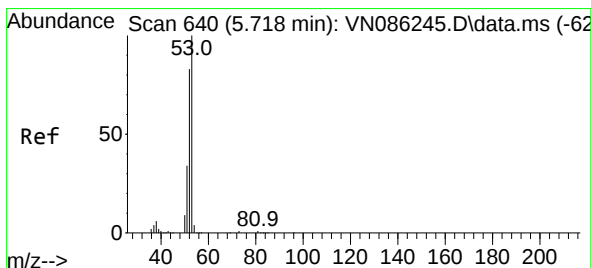
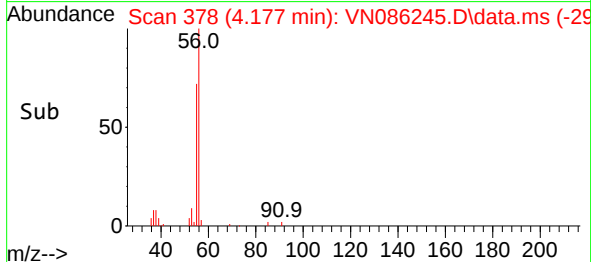
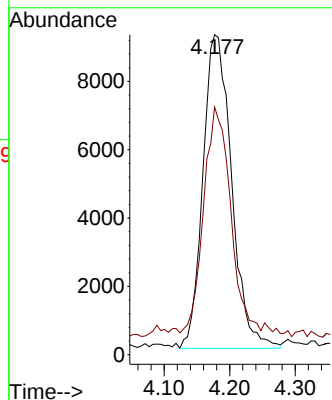
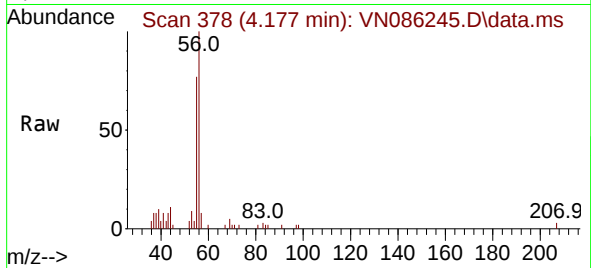




#13
Acrolein
Concen: 73.623 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

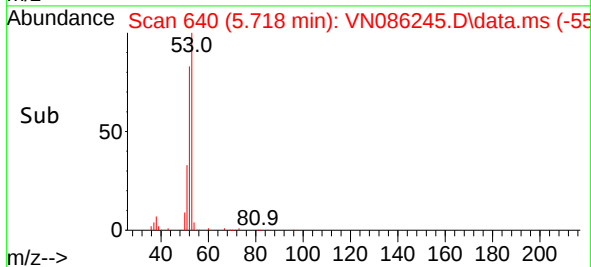
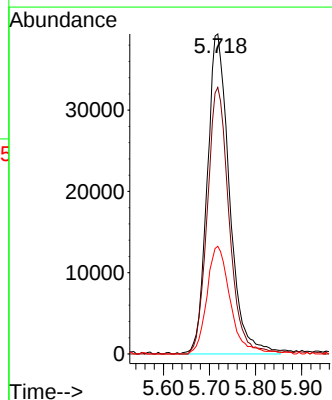
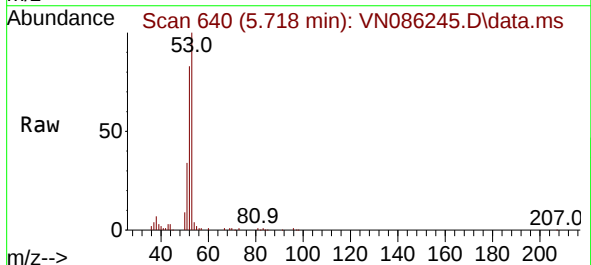
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

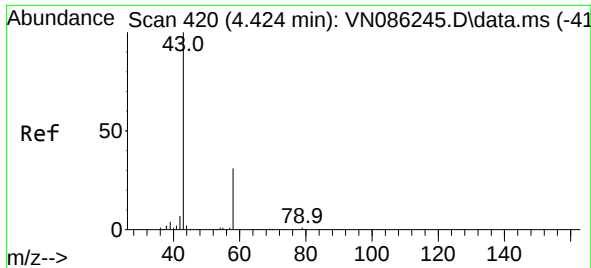
Tgt Ion: 56 Resp: 27873
Ion Ratio Lower Upper
56 100
55 70.6 56.5 84.7



#14
Acrylonitrile
Concen: 94.169 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 53 Resp: 132407
Ion Ratio Lower Upper
53 100
52 80.4 40.2 120.6
51 35.1 17.5 52.6





#15

Acetone

Concen: 95.196 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

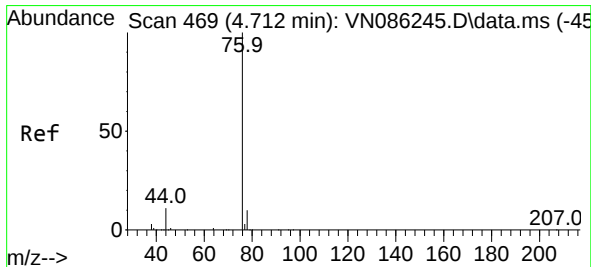
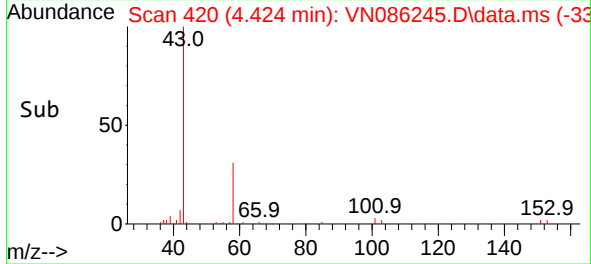
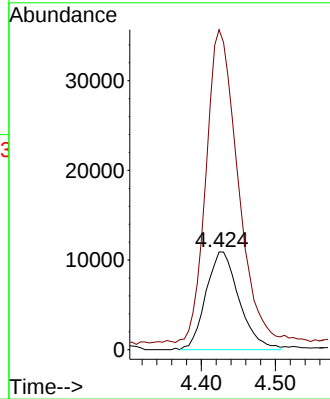
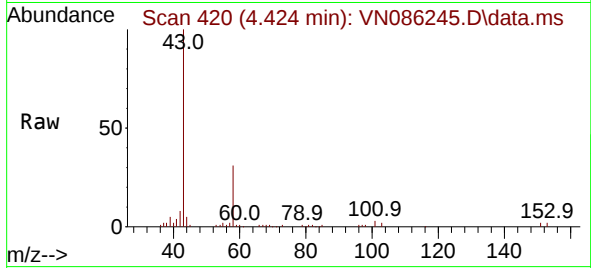
VSTDICCC020

Tgt Ion: 58 Resp: 33967

Ion Ratio Lower Upper

58 100

43 317.0 261.8 392.8



#16

Carbon Disulfide

Concen: 19.155 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN086245.D

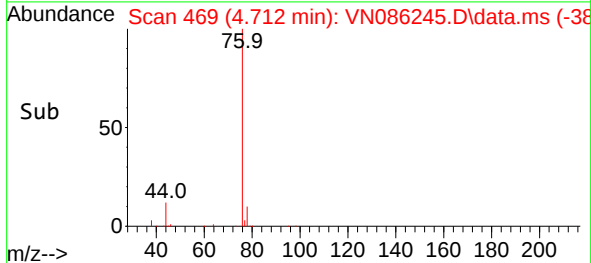
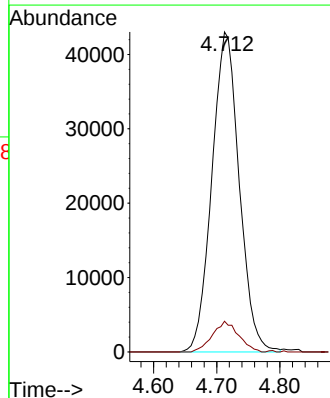
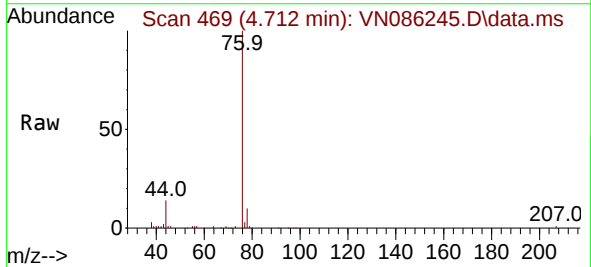
Acq: 11 Apr 2025 12:16

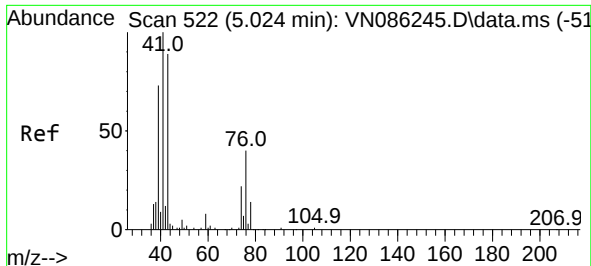
Tgt Ion: 76 Resp: 129547

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5

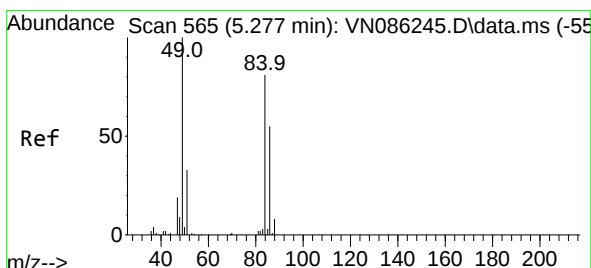
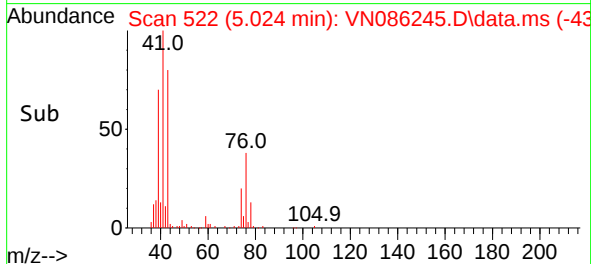
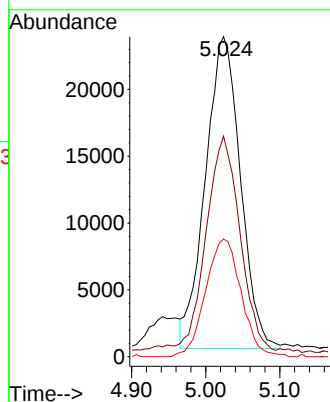
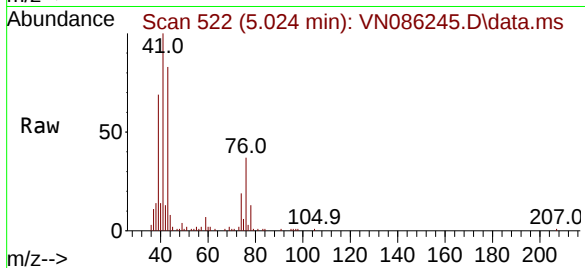




#17
Allyl chloride
Concen: 18.648 ug/l
RT: 5.024 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

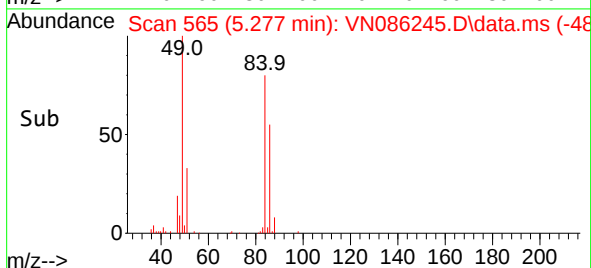
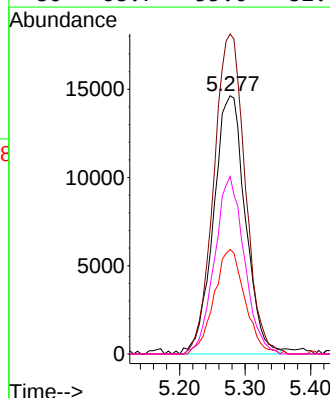
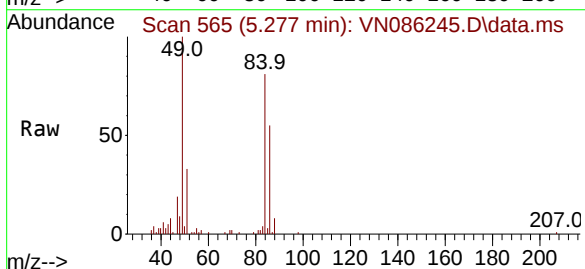
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

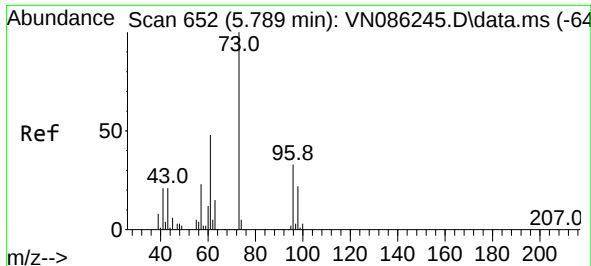
Tgt Ion:	41	Resp:	76657
Ion	Ratio	Lower	Upper
41	100		
39	68.8	34.4	103.2
76	37.5	18.8	56.3



#18
Methylene Chloride
Concen: 18.333 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion:	84	Resp:	49299
Ion	Ratio	Lower	Upper
84	100		
49	123.9	99.1	148.7
51	40.4	32.3	48.5
86	68.7	55.0	82.4





#19

trans-1,2-Dichloroethene

Concen: 21.553 ug/l

RT: 5.789 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

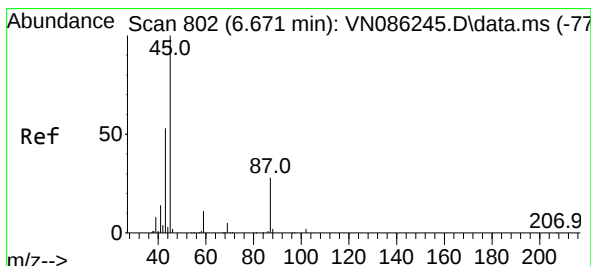
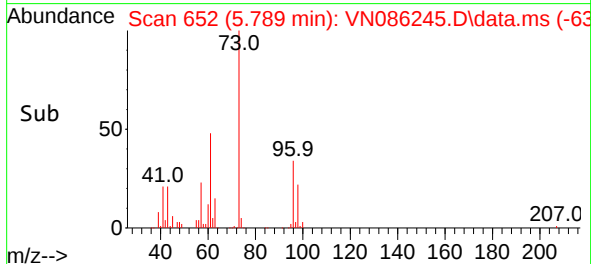
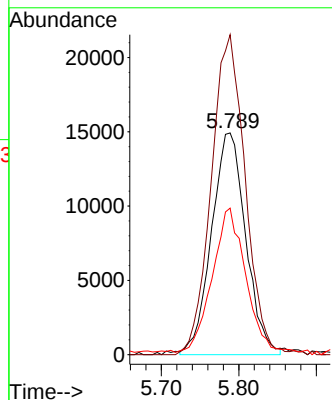
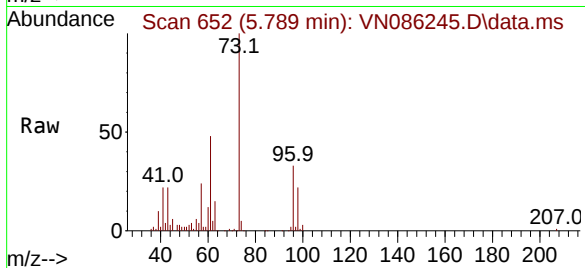
Tgt Ion: 96 Resp: 45854

Ion Ratio Lower Upper

96 100

61 144.9 115.9 173.9

98 65.1 52.1 78.1



#20

Diisopropyl ether

Concen: 18.905 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

Tgt Ion: 45 Resp: 167099

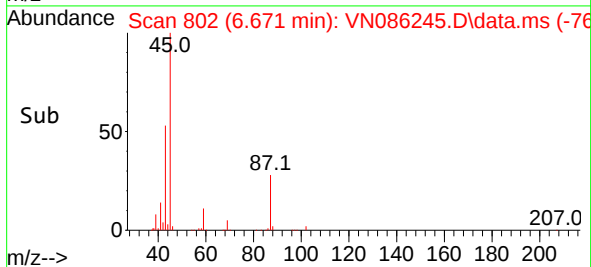
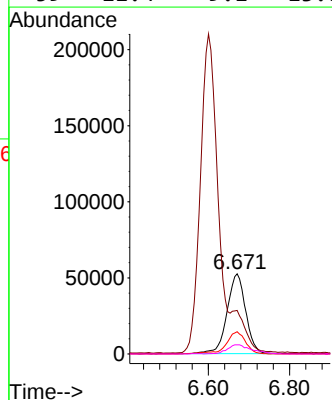
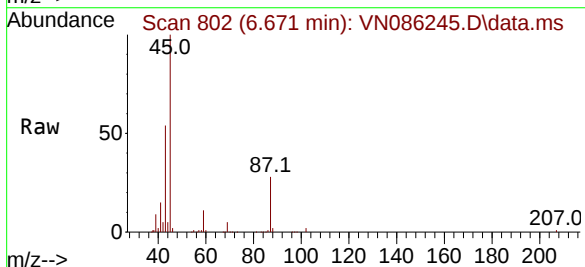
Ion Ratio Lower Upper

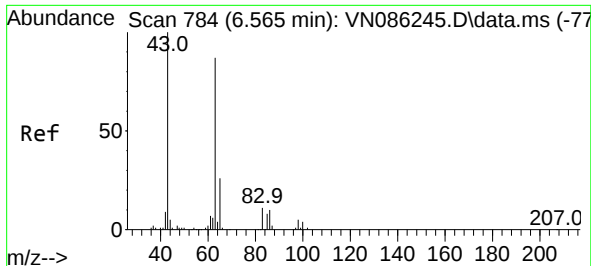
45 100

43 52.9 42.3 63.5

87 27.8 22.2 33.4

59 11.4 9.1 13.7

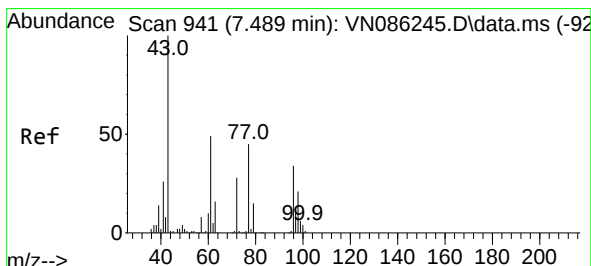
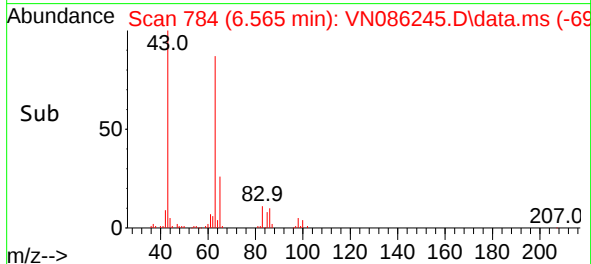
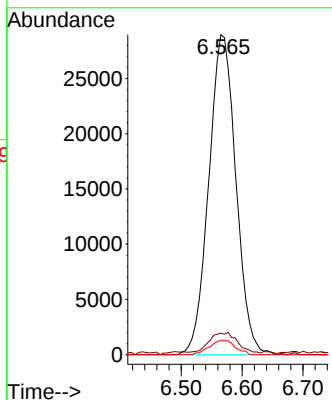
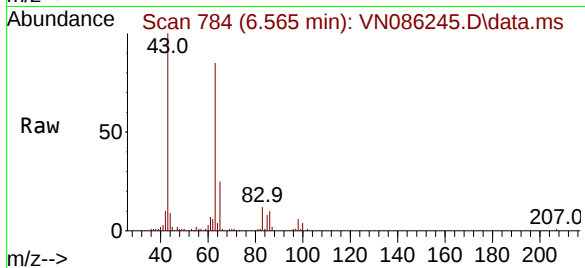




#21
 1,1-Dichloroethane
 Concen: 19.030 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086245.D
 Acq: 11 Apr 2025 12:16

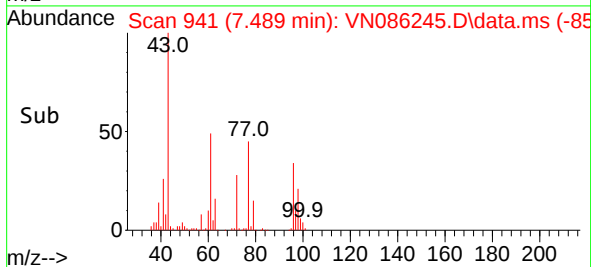
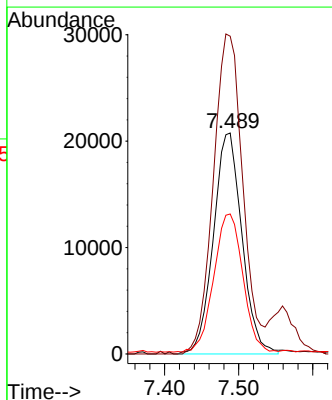
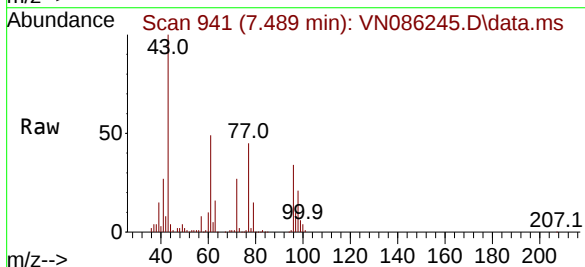
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

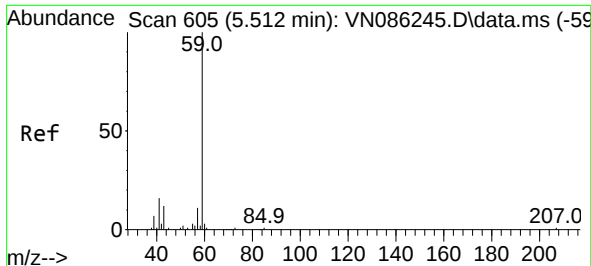
Tgt Ion:	63	Resp:	89726
Ion Ratio	Lower	Upper	
63	100		
98	6.2	3.1	9.3
100	4.6	2.3	6.9



#22
 cis-1,2-Dichloroethene
 Concen: 18.766 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN086245.D
 Acq: 11 Apr 2025 12:16

Tgt Ion:	96	Resp:	55538
Ion Ratio	Lower	Upper	
96	100		
61	149.4	119.5	179.3
98	63.8	51.0	76.6

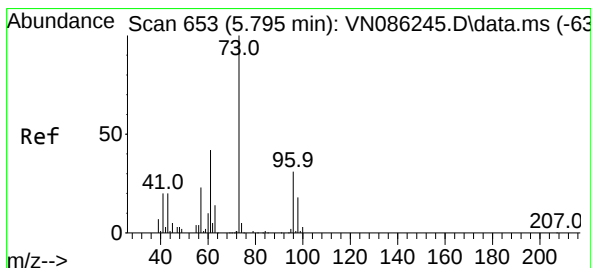
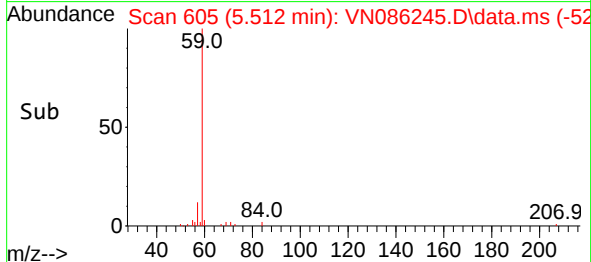
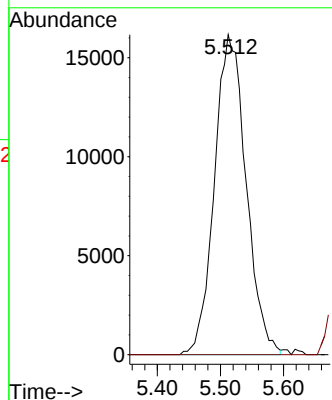
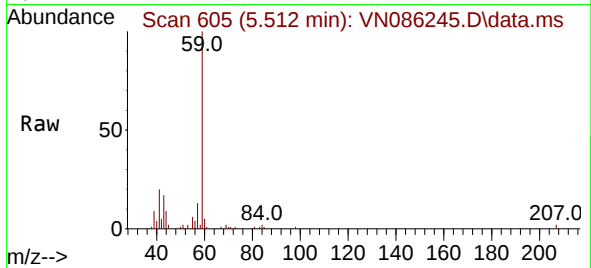




#23
tert-Butyl Alcohol
Concen: 96.582 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

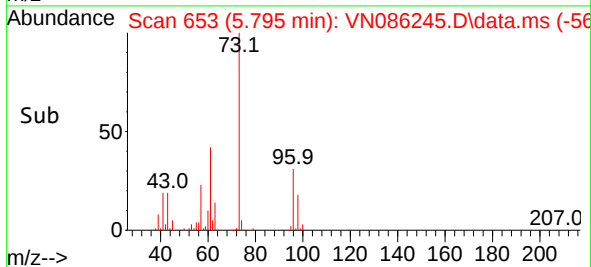
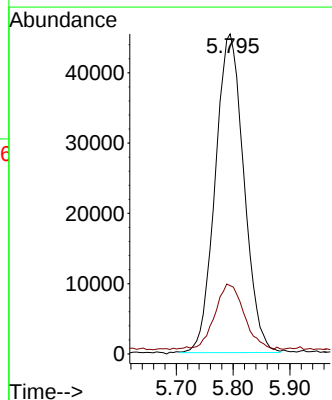
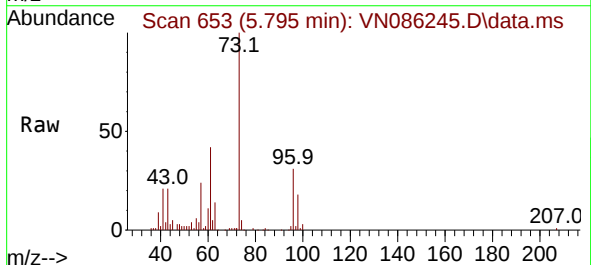
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

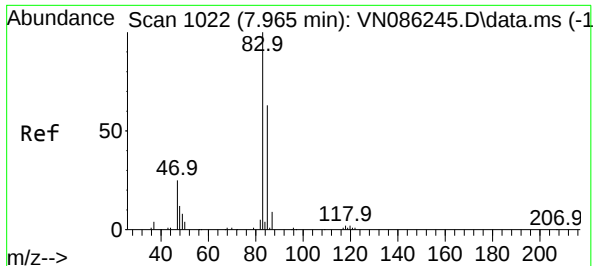
Tgt Ion: 59 Resp: 56269
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.690 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 73 Resp: 158818
Ion Ratio Lower Upper
73 100
43 21.0 16.8 25.2

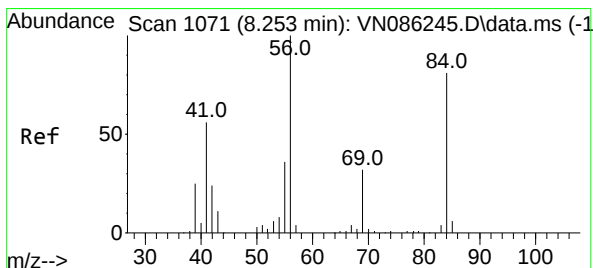
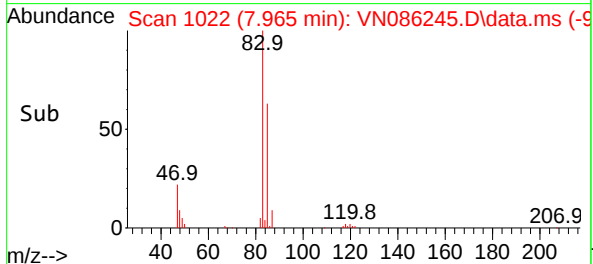
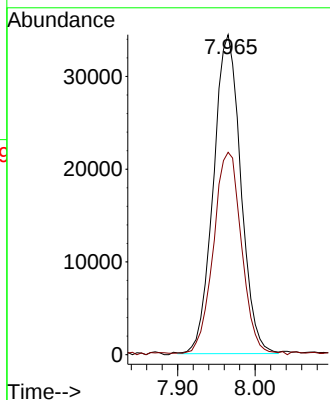
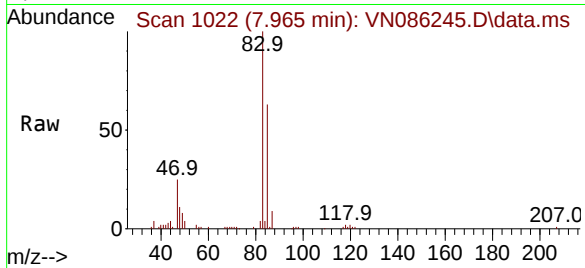




#25
Chloroform
Concen: 18.796 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

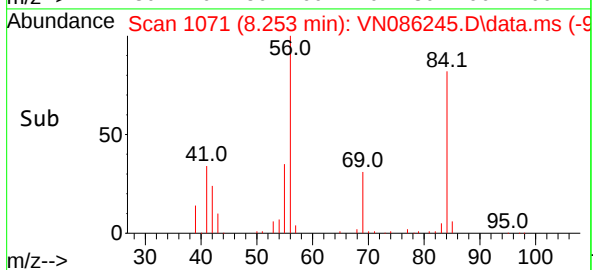
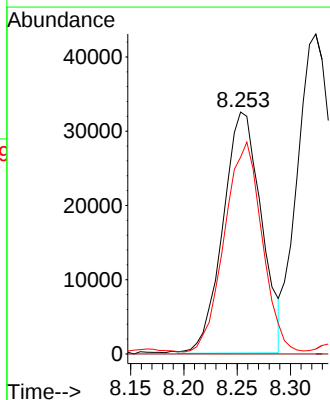
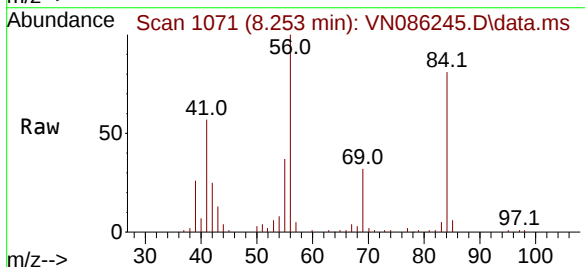
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

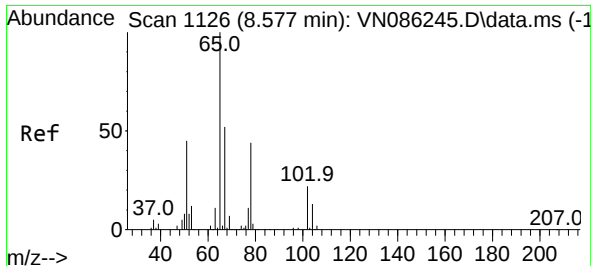
Tgt Ion: 83 Resp: 84511
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7



#26
Cyclohexane
Concen: 18.462 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 56 Resp: 81442
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.2 69.0 103.4

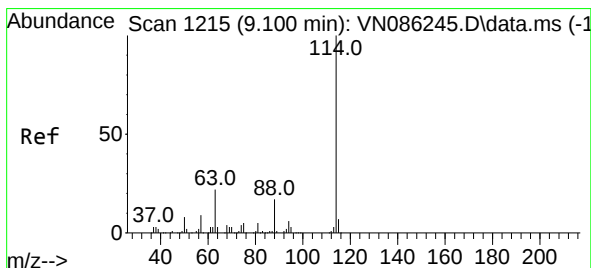
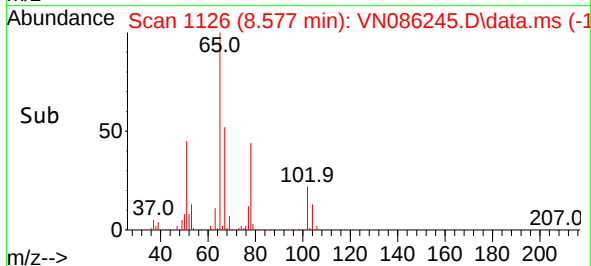
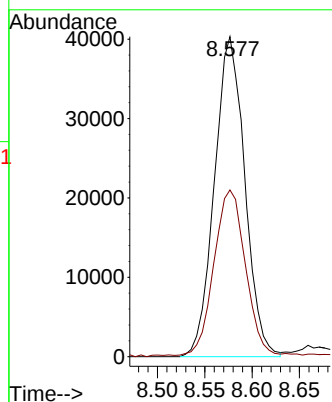
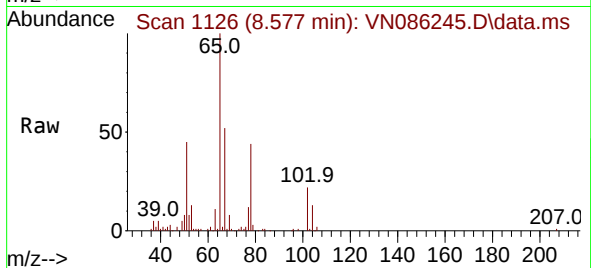




#27
1,2-Dichloroethane-d4
Concen: 29.776 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

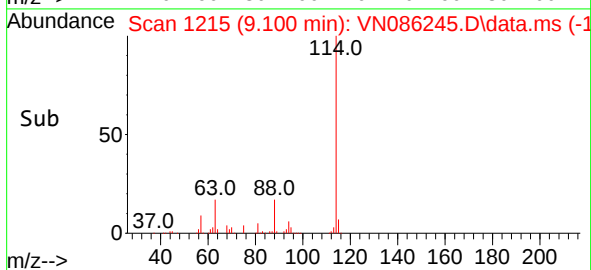
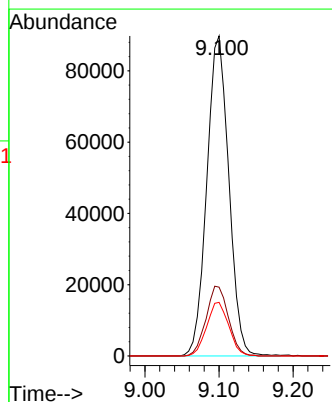
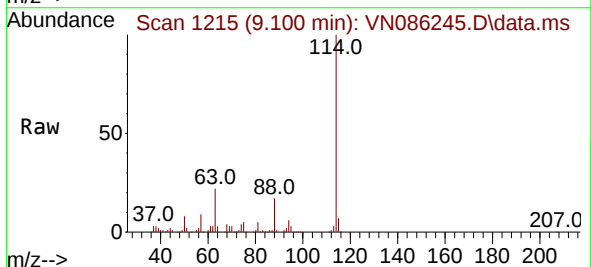
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

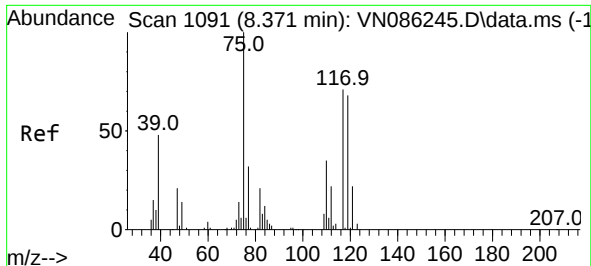
Tgt Ion: 65 Resp: 89958
Ion Ratio Lower Upper
65 100
67 54.3 43.4 65.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 114 Resp: 185020
Ion Ratio Lower Upper
114 100
63 22.2 17.8 26.6
88 16.8 13.4 20.2





#29

1,1-Dichloropropene

Concen: 19.129 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

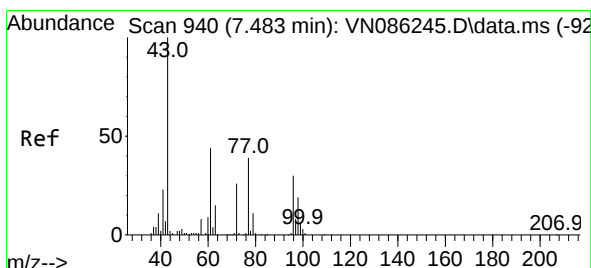
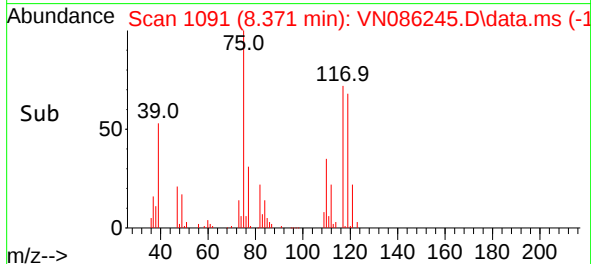
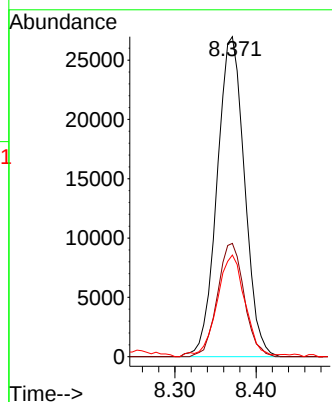
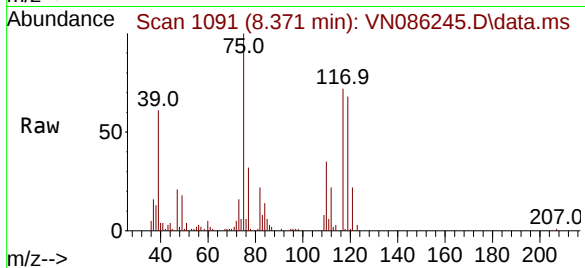
Tgt Ion: 75 Resp: 63403

Ion Ratio Lower Upper

75 100

110 34.3 0.0 68.6

77 31.9 0.0 63.8



#30

2-Butanone

Concen: 97.263 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

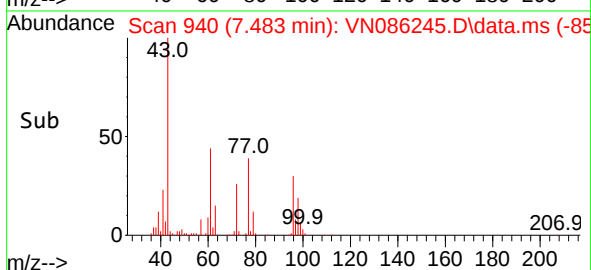
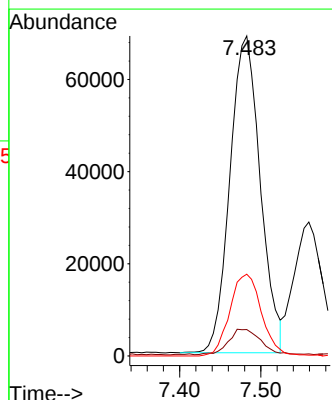
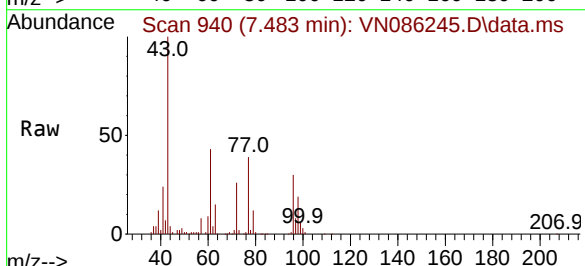
Tgt Ion: 43 Resp: 178630

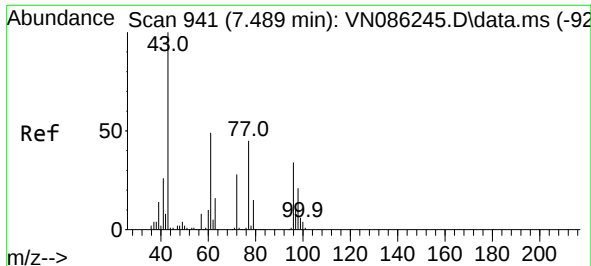
Ion Ratio Lower Upper

43 100

57 8.0 6.4 9.6

72 26.9 21.5 32.3





#31

2,2-Dichloropropane

Concen: 19.298 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

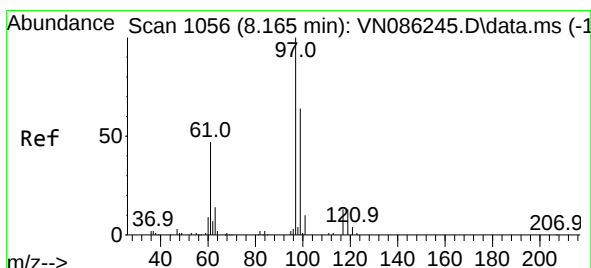
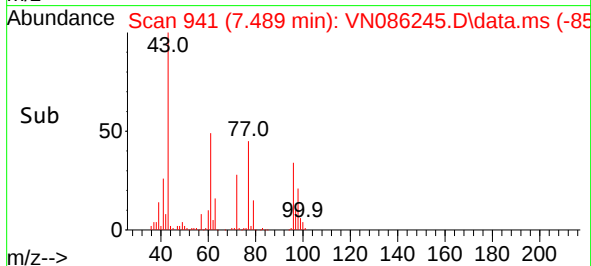
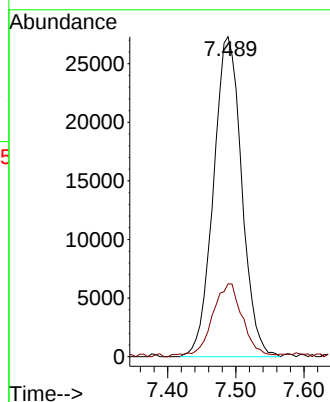
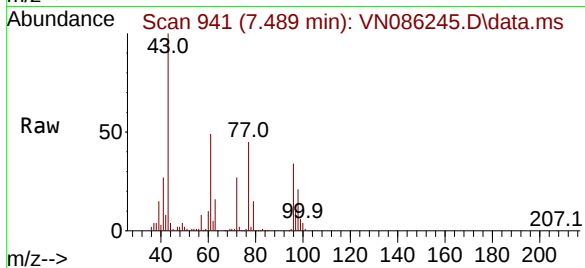
VSTDICCC020

Tgt Ion: 77 Resp: 78733

Ion Ratio Lower Upper

77 100

97 23.5 18.8 28.2



#32

1,1,1-Trichloroethane

Concen: 18.945 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

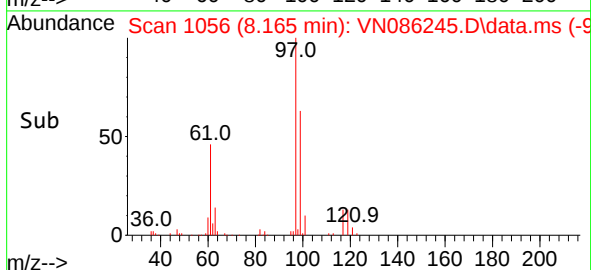
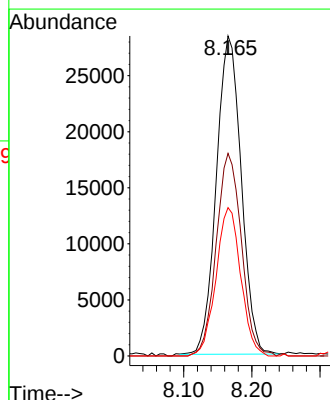
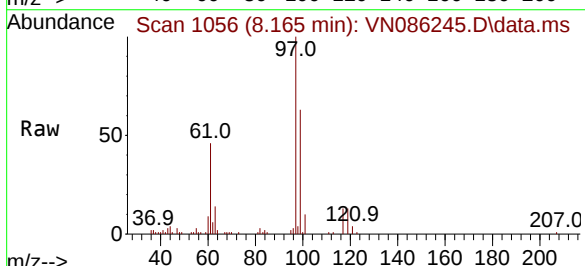
Tgt Ion: 97 Resp: 72230

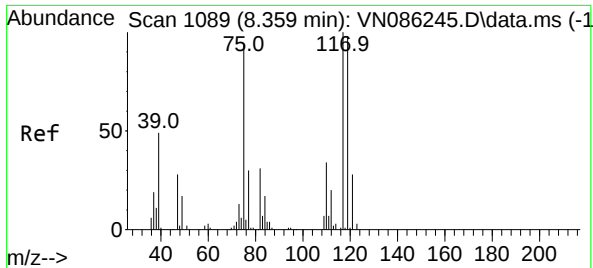
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.2

61 46.3 37.0 55.6

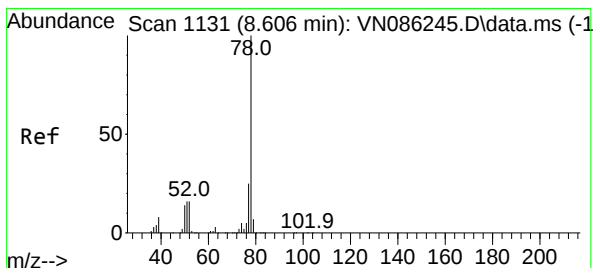
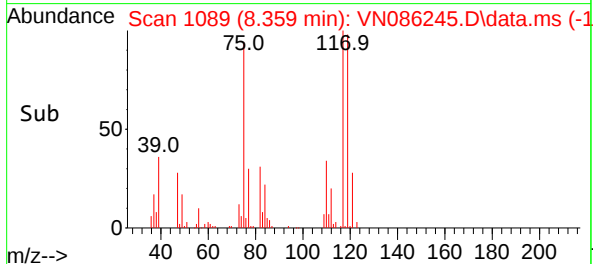
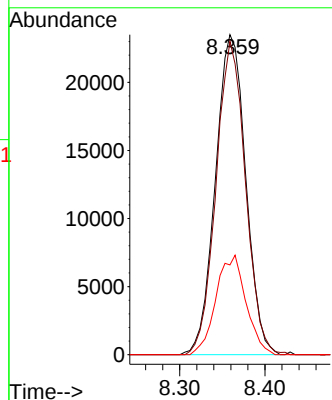
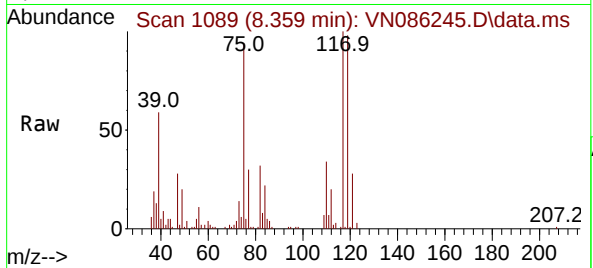




#33
Carbon Tetrachloride
Concen: 19.114 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

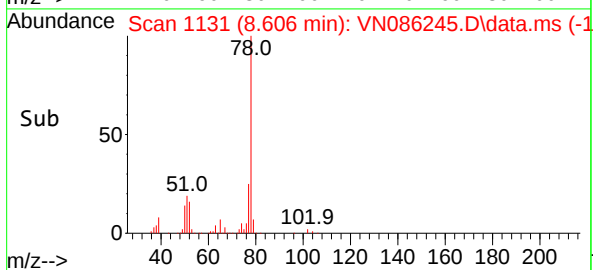
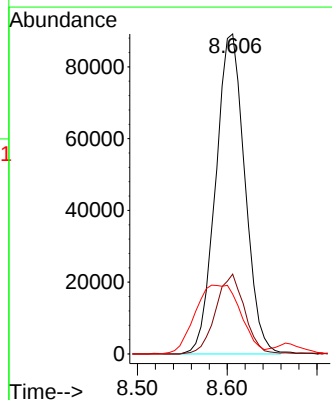
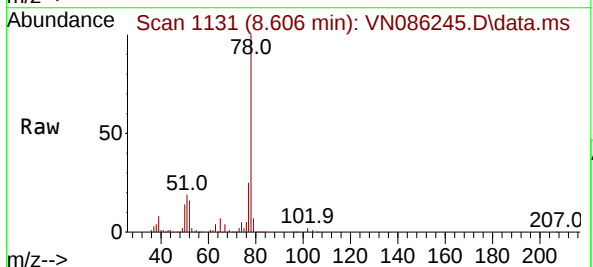
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

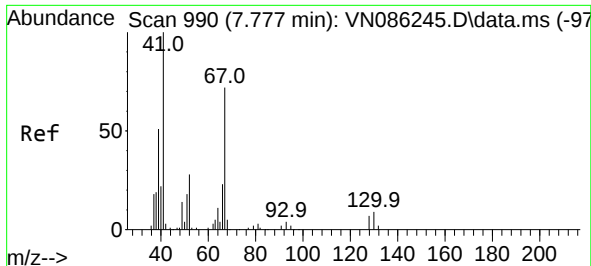
Tgt Ion:117 Resp: 58240
Ion Ratio Lower Upper
117 100
119 97.9 78.3 117.5
121 28.1 22.5 33.7



#34
Benzene
Concen: 19.103 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 78 Resp: 201431
Ion Ratio Lower Upper
78 100
77 25.0 20.0 30.0
51 16.1 12.9 19.3

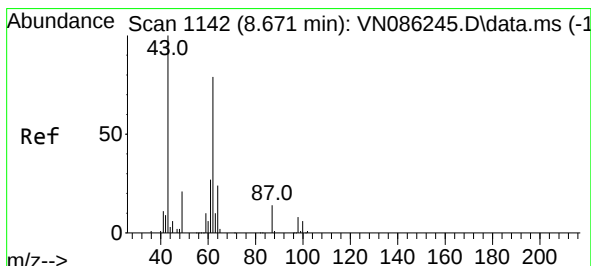
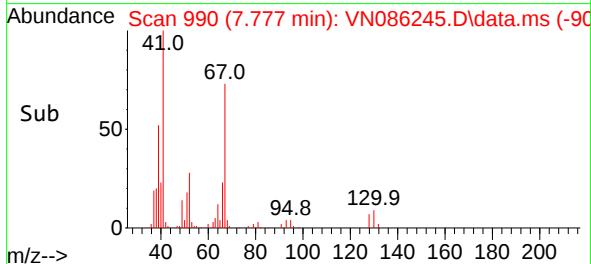
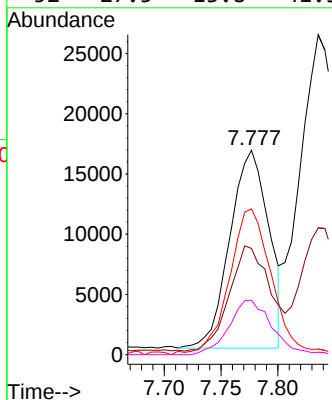
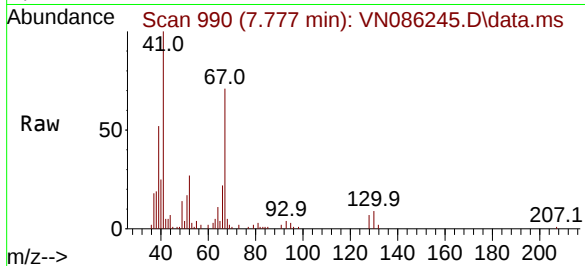




#35
Methacrylonitrile
Concen: 18.953 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

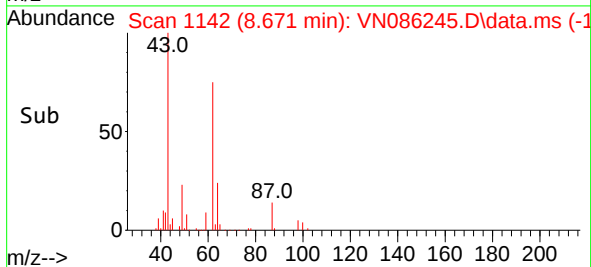
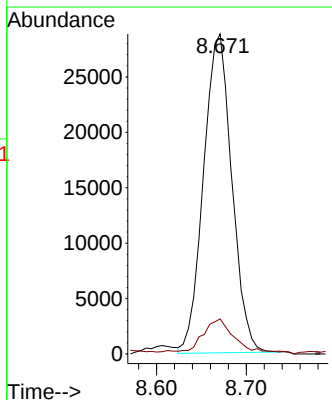
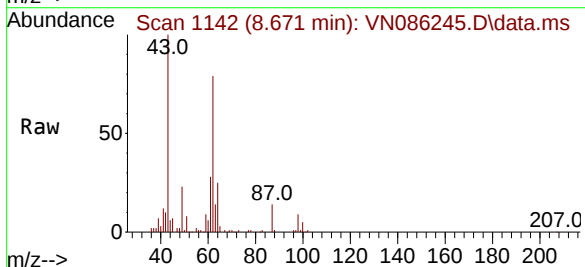
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

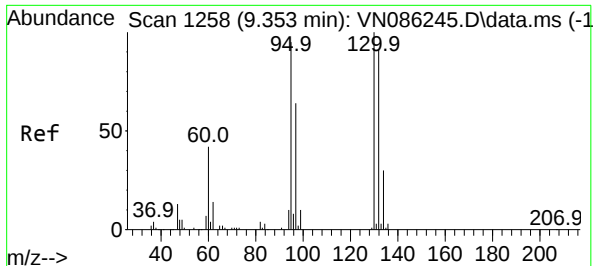
Tgt Ion:	41	Resp:	39241
Ion	Ratio	Lower	Upper
41	100		
39	51.5	25.8	77.3
67	72.0	36.0	108.0
52	27.5	13.8	41.3



#36
1,2-Dichloroethane
Concen: 19.124 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion:	62	Resp:	63104
Ion	Ratio	Lower	Upper
62	100		
98	10.7	8.6	12.8





#37

Trichloroethene

Concen: 19.215 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

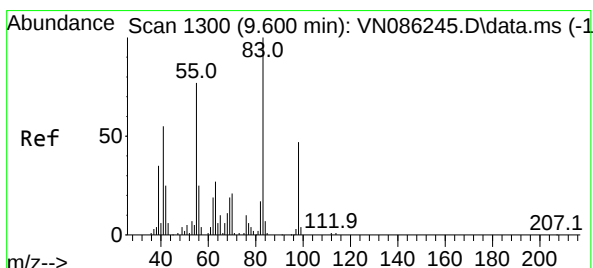
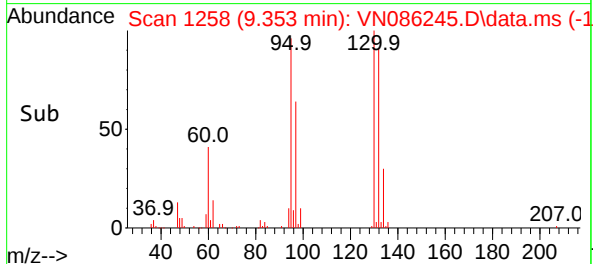
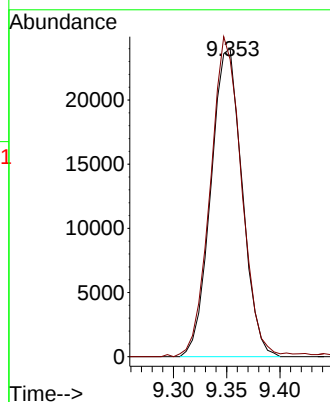
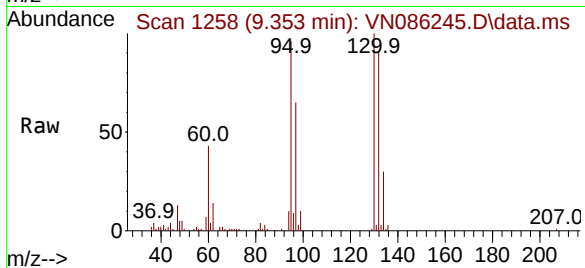
VSTDICCC020

Tgt Ion:130 Resp: 48886

Ion Ratio Lower Upper

130 100

95 95.5 76.4 114.6



#38

Methylcyclohexane

Concen: 18.695 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

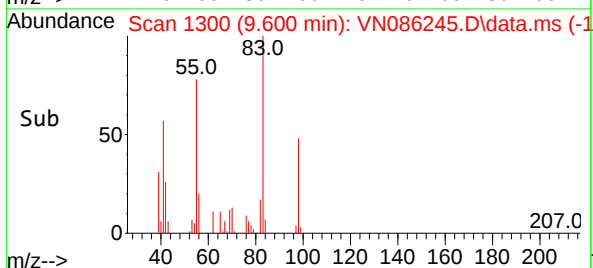
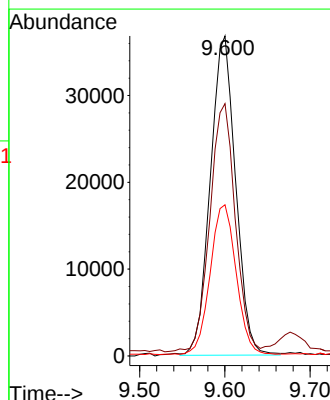
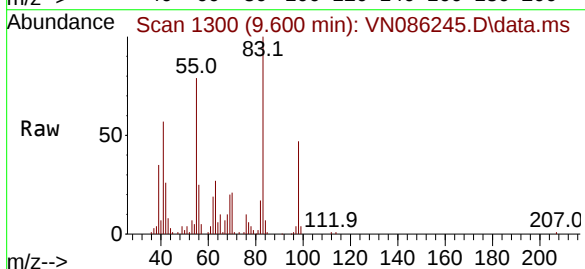
Tgt Ion: 83 Resp: 75994

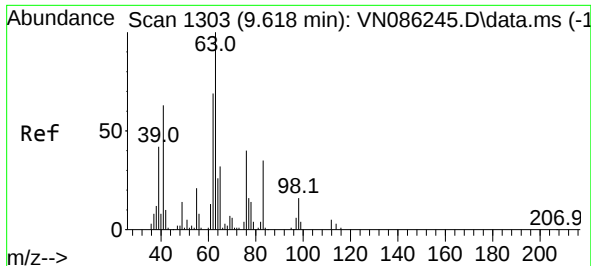
Ion Ratio Lower Upper

83 100

55 77.0 38.5 115.5

98 48.8 24.4 73.2





#39

1,2-Dichloropropane

Concen: 19.028 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

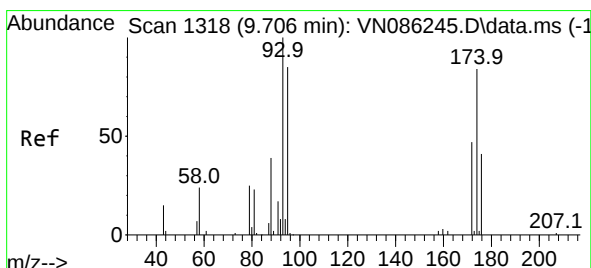
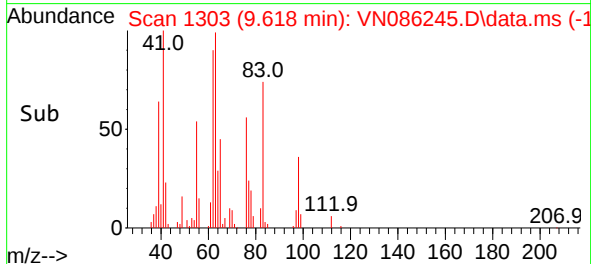
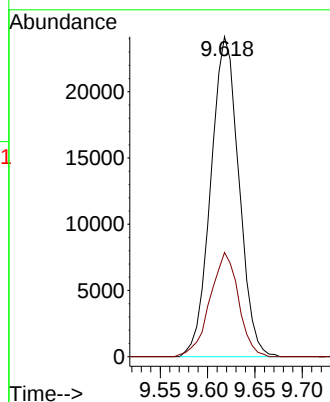
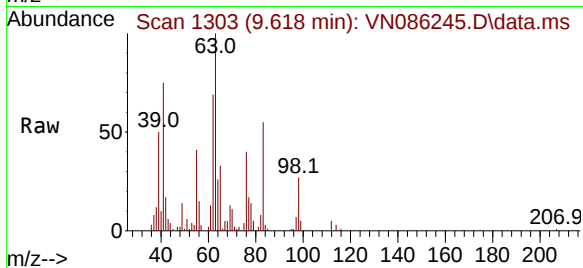
VSTDICCC020

Tgt Ion: 63 Resp: 49925

Ion Ratio Lower Upper

63 100

65 32.5 26.0 39.0



#40

Dibromomethane

Concen: 18.960 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

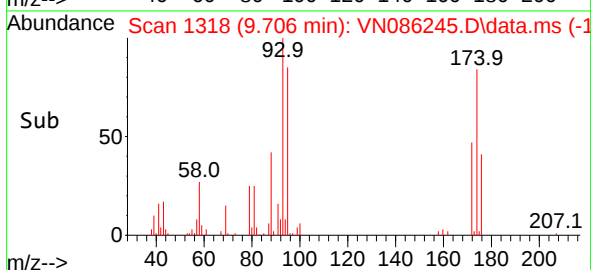
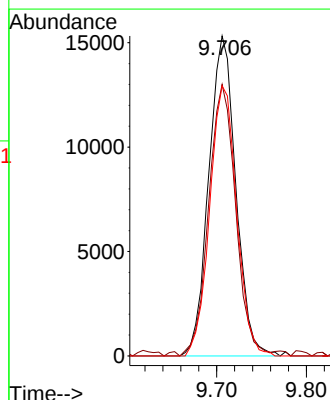
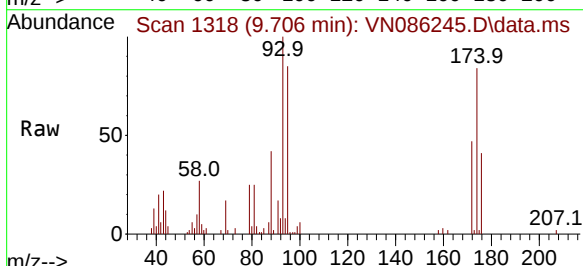
Tgt Ion: 93 Resp: 32130

Ion Ratio Lower Upper

93 100

95 84.5 0.0 169.0

174 84.0 0.0 168.0

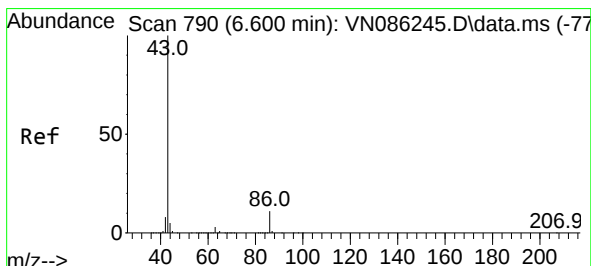
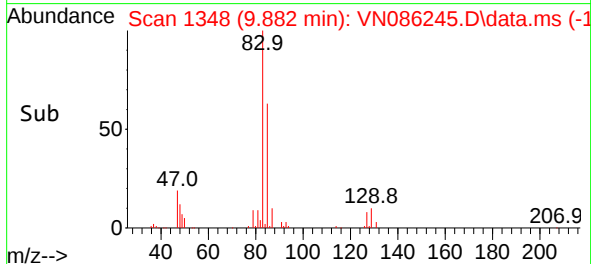
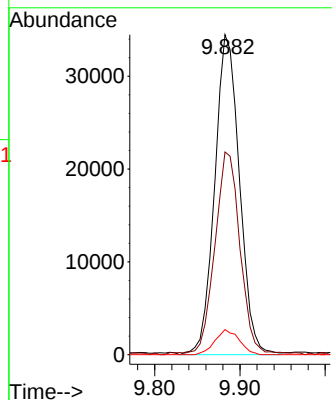
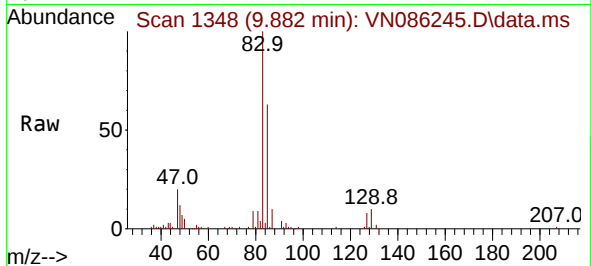




#41
Bromodichloromethane
Concen: 19.149 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

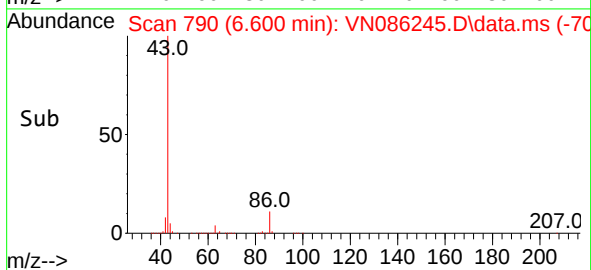
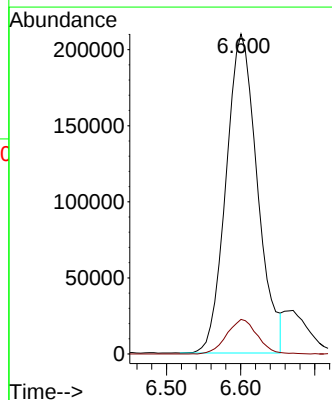
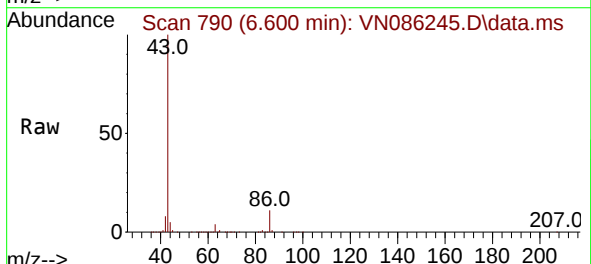
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

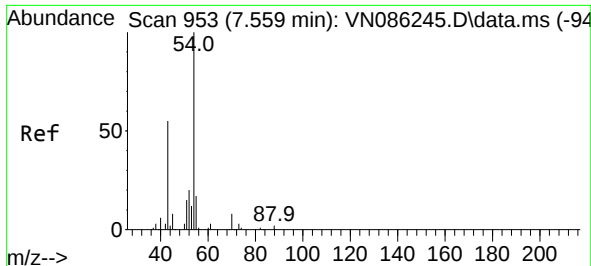
Tgt Ion: 83 Resp: 69713
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.2
127 7.8 6.2 9.4



#42
Vinyl Acetate
Concen: 98.633 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 43 Resp: 616622
Ion Ratio Lower Upper
43 100
86 10.5 8.4 12.6

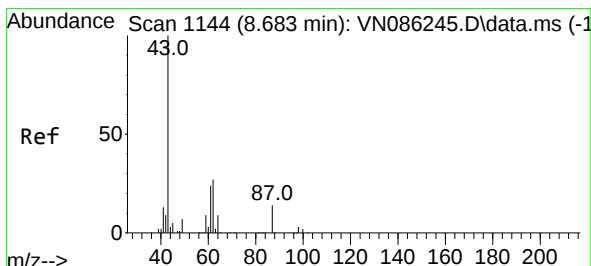
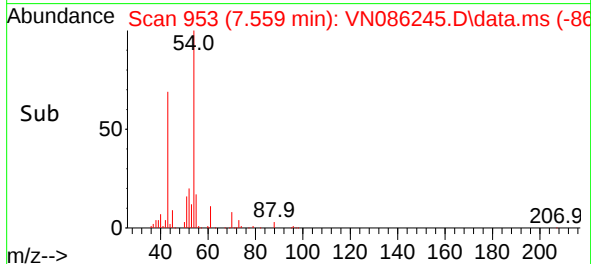
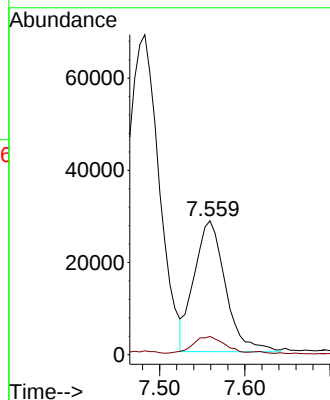
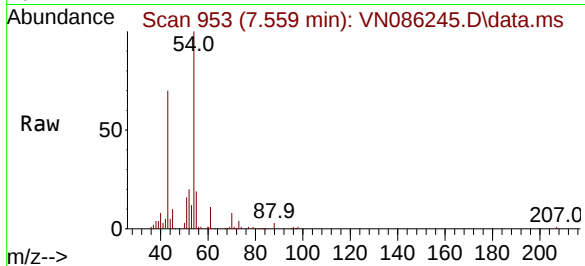




#43
Ethyl Acetate
Concen: 19.607 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

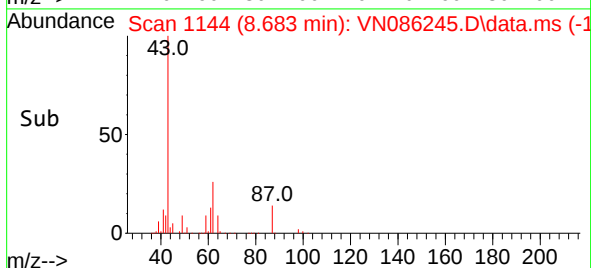
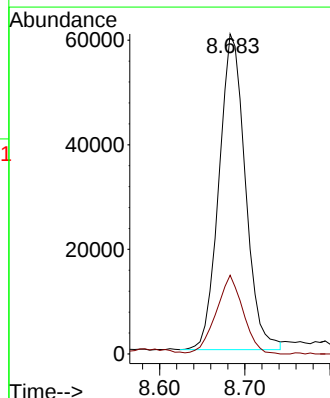
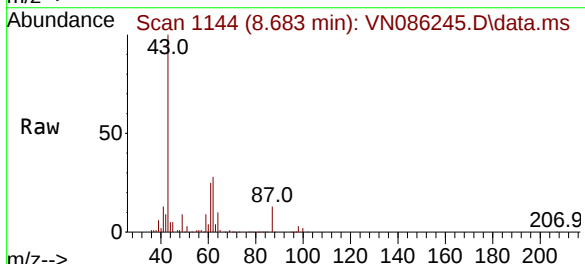
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

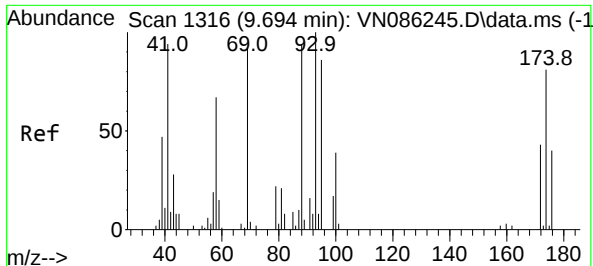
Tgt Ion: 43 Resp: 72635
Ion Ratio Lower Upper
43 100
45 14.0 11.2 16.8



#44
Isopropyl Acetate
Concen: 18.850 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 43 Resp: 129543
Ion Ratio Lower Upper
43 100
61 25.6 20.5 30.7

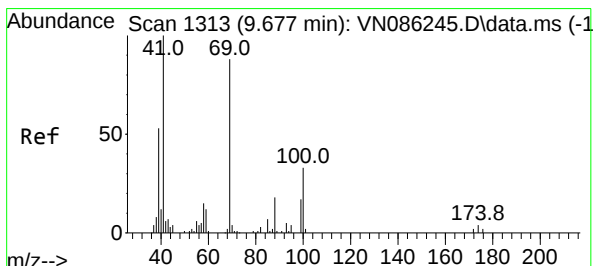
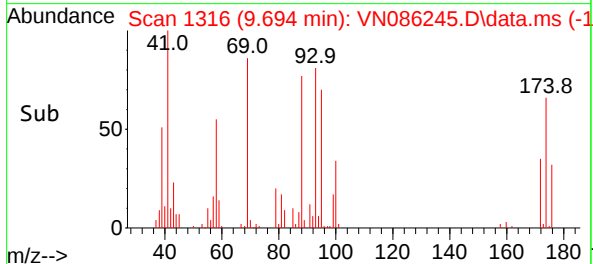
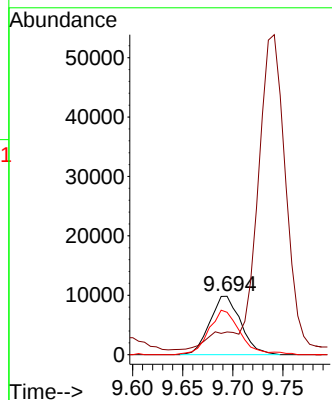
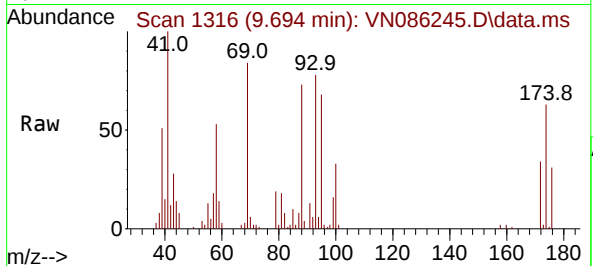




#45
1,4-Dioxane
Concen: 386.736 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

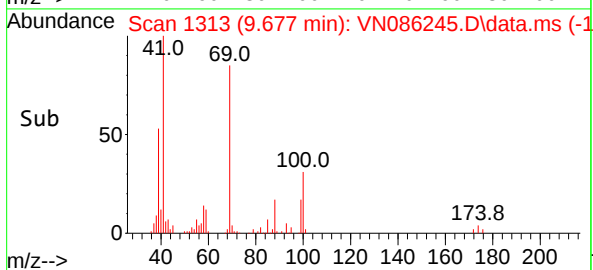
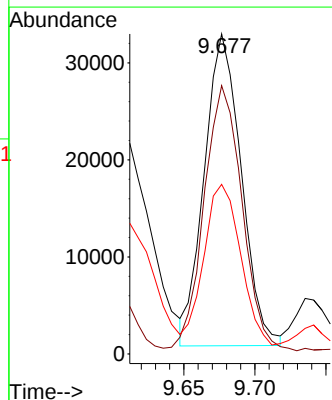
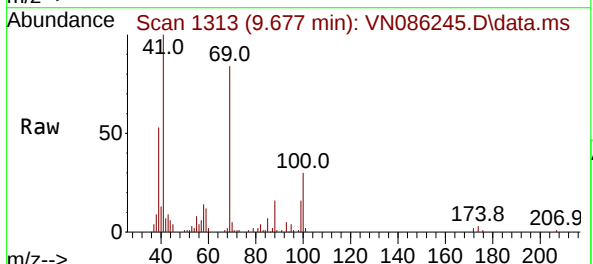
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

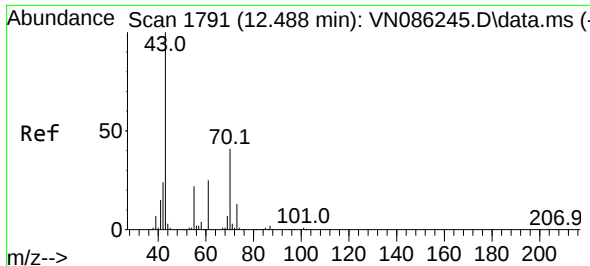
Tgt Ion: 88 Resp: 21134
Ion Ratio Lower Upper
88 100
43 18.0 14.4 21.6
58 74.8 59.8 89.8



#46
Methyl methacrylate
Concen: 19.192 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 41 Resp: 58112
Ion Ratio Lower Upper
41 100
69 86.4 43.2 129.6
39 52.7 26.4 79.0

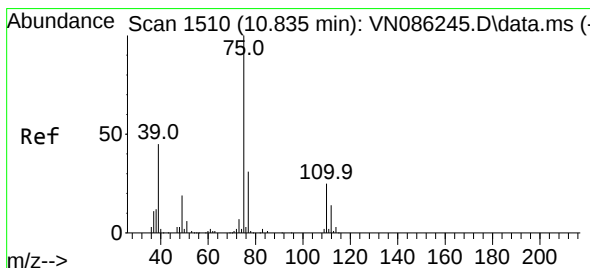
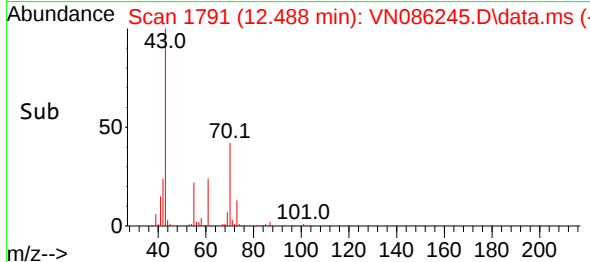
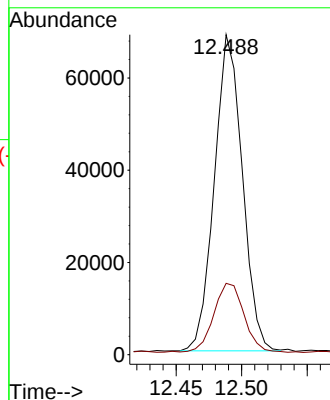
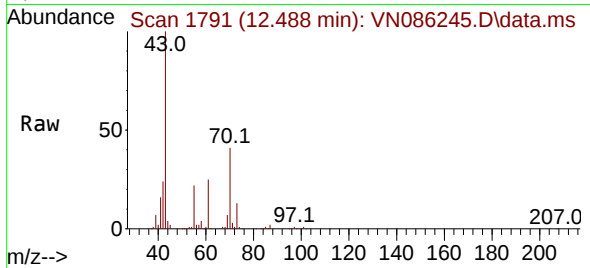




#47
n-amy1 Acetate
Concen: 18.304 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

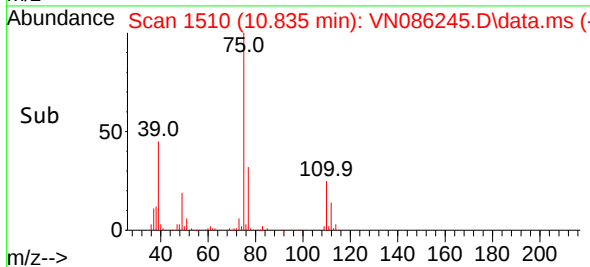
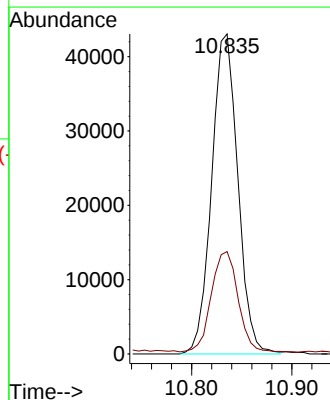
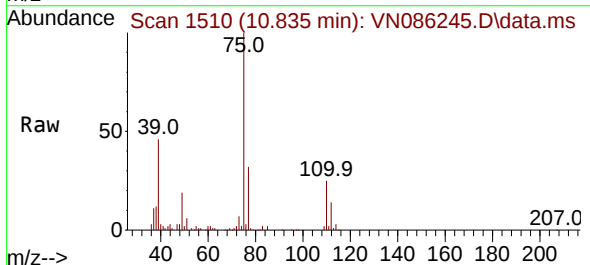
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

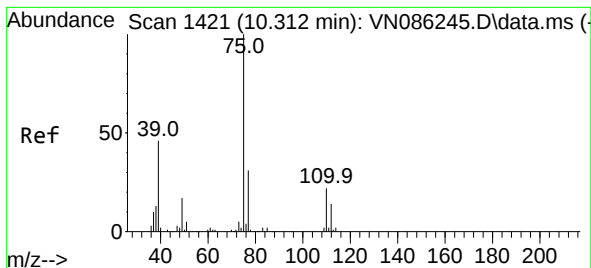
Tgt Ion: 43 Resp: 101635
Ion Ratio Lower Upper
43 100
55 23.7 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 18.977 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 75 Resp: 78104
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 19.170 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

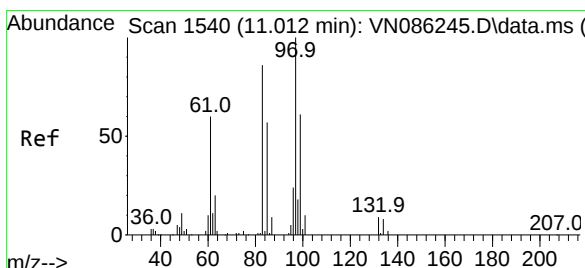
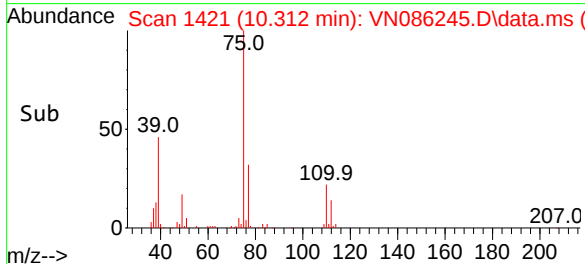
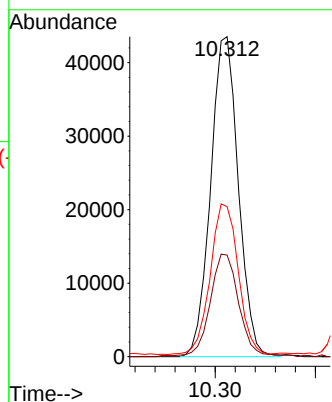
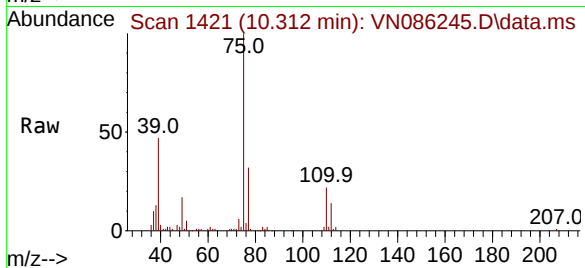
Tgt Ion: 75 Resp: 83505

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4

39 45.9 36.7 55.1



#50

1,1,2-Trichloroethane

Concen: 19.308 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

Tgt Ion: 97 Resp: 45892

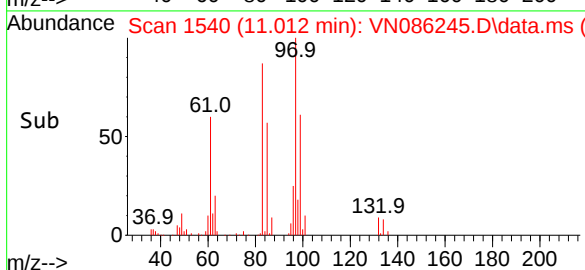
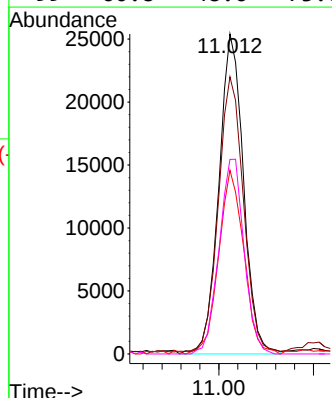
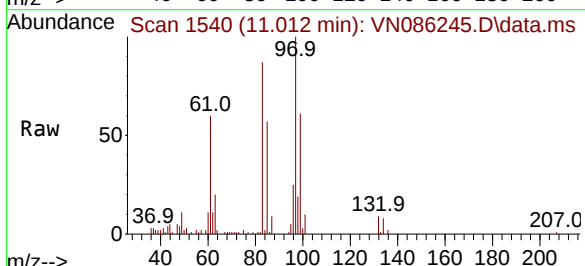
Ion Ratio Lower Upper

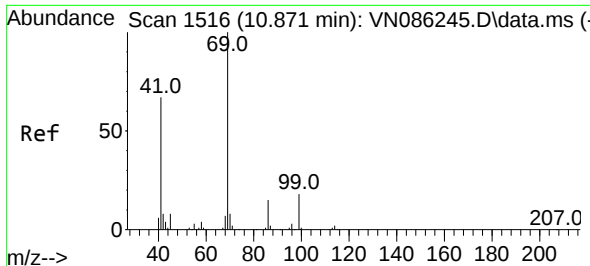
97 100

83 85.8 68.6 103.0

85 57.4 45.9 68.9

99 60.8 48.6 73.0

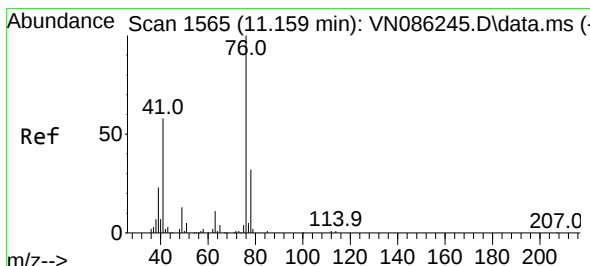
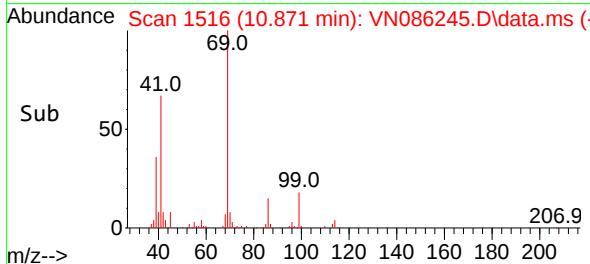
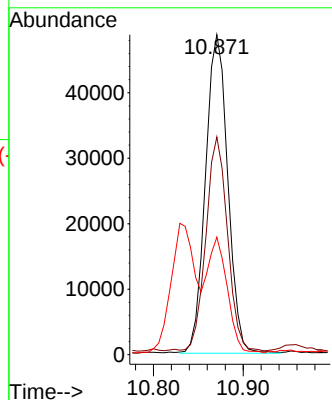
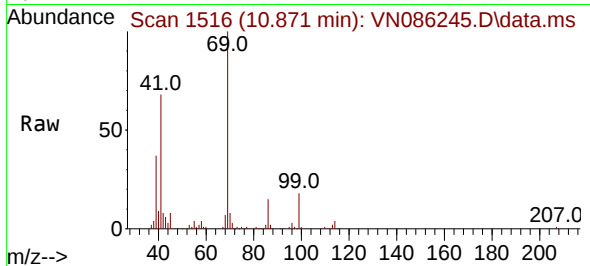




#51
Ethyl methacrylate
Concen: 19.027 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

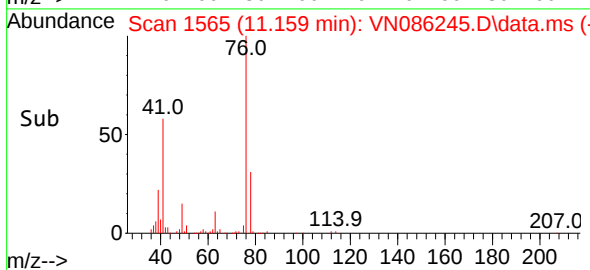
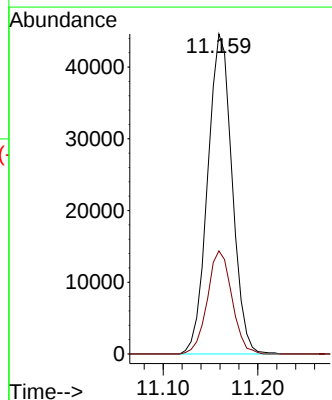
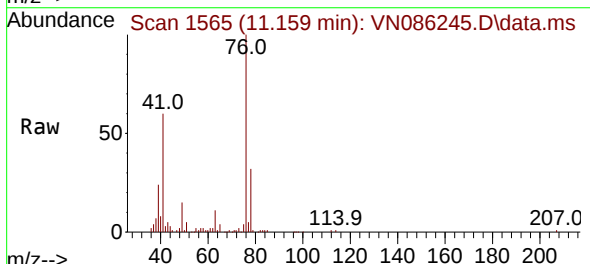
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

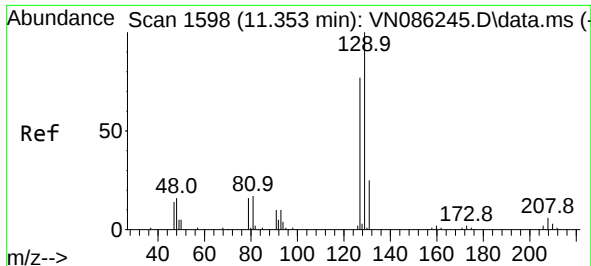
Tgt Ion: 69 Resp: 84042
Ion Ratio Lower Upper
69 100
41 67.1 33.6 100.6
39 35.6 17.8 53.4



#52
1,3-Dichloropropane
Concen: 18.875 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 76 Resp: 79960
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.6

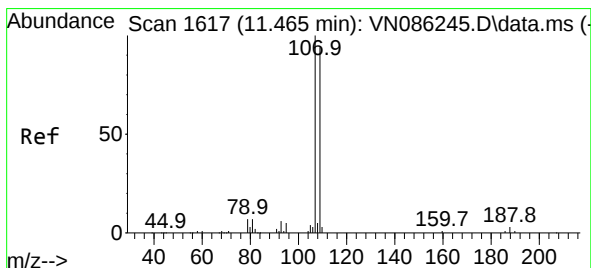
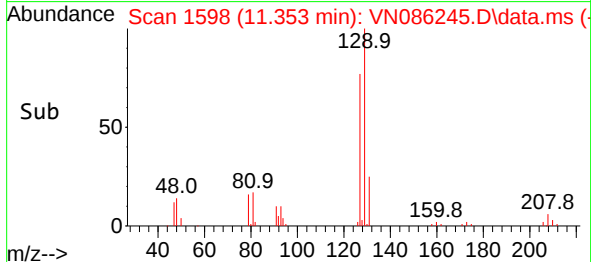
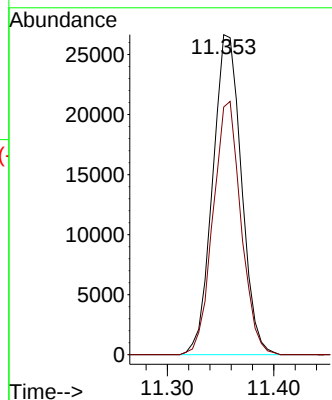
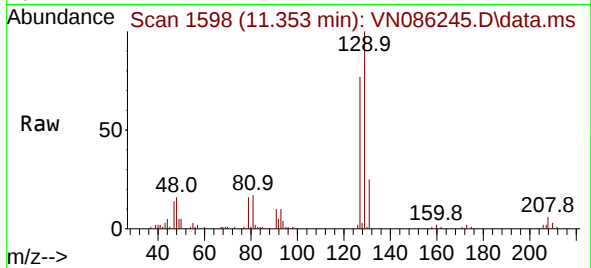




#53
Dibromochloromethane
Concen: 19.190 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

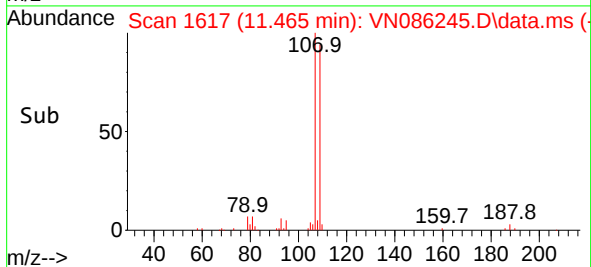
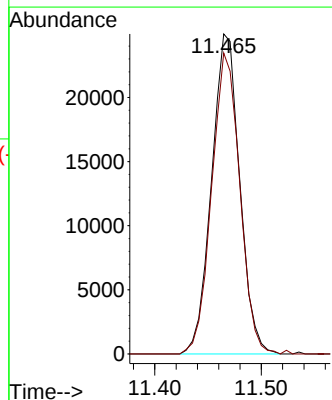
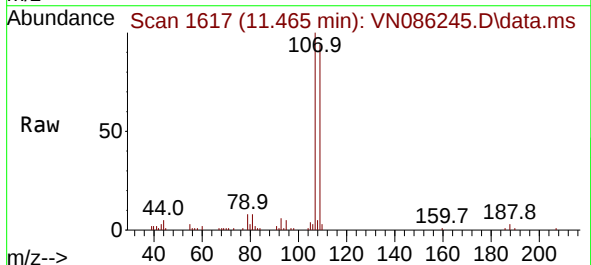
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

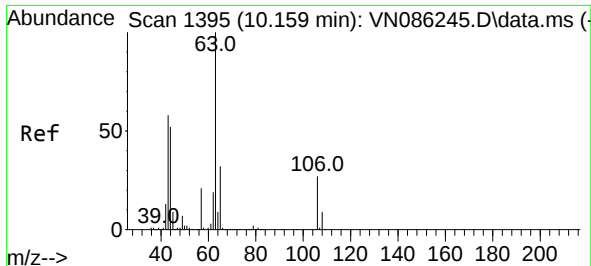
Tgt Ion:129 Resp: 49892
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5



#54
1,2-Dibromoethane
Concen: 19.034 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion:107 Resp: 45668
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

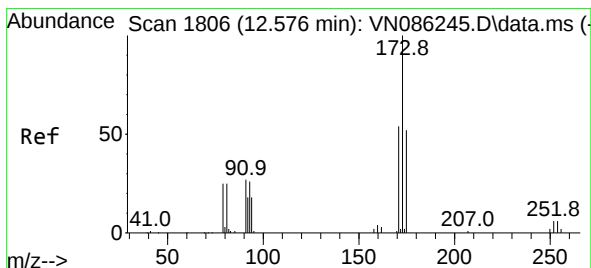
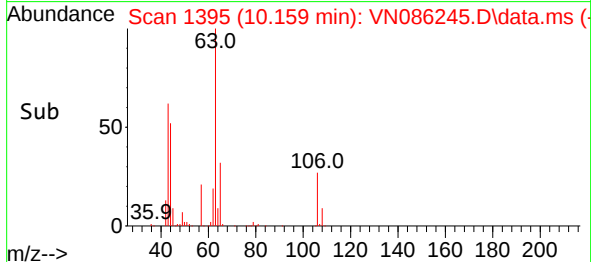
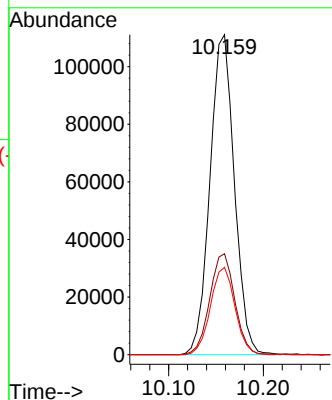
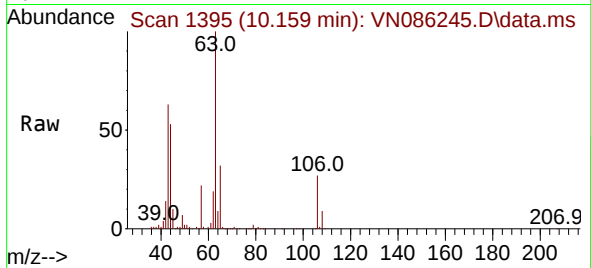




#55
2-Chloroethyl vinyl ether
Concen: 119.582 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

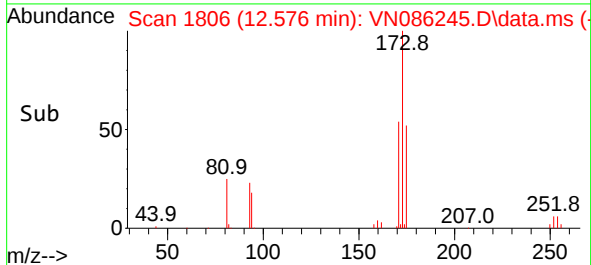
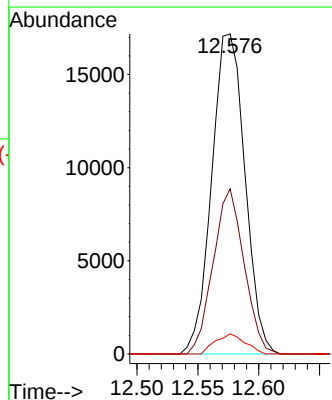
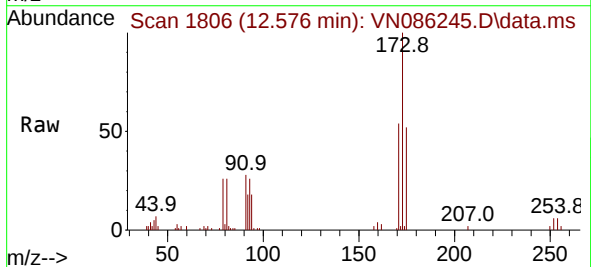
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

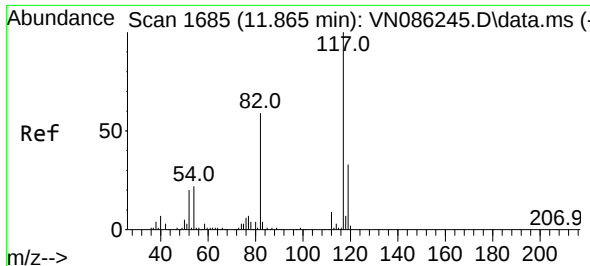
Tgt Ion: 63 Resp: 199584
Ion Ratio Lower Upper
63 100
65 32.3 25.8 38.8
106 27.3 21.8 32.8



#56
Bromoform
Concen: 19.173 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 173 Resp: 32612
Ion Ratio Lower Upper
173 100
175 47.8 38.2 57.4
254 5.6 4.5 6.7

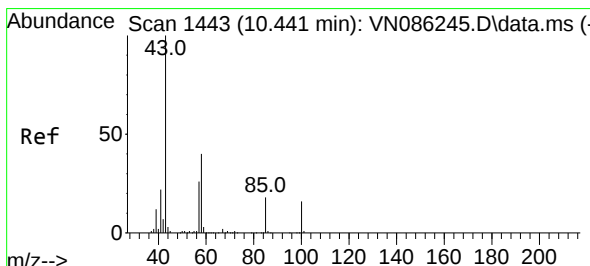
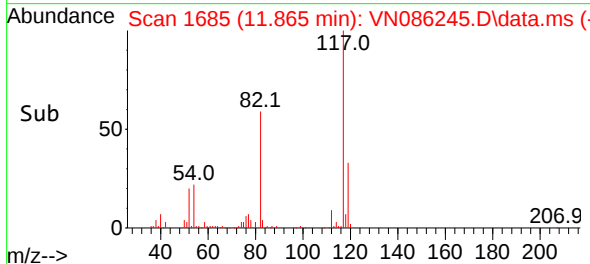
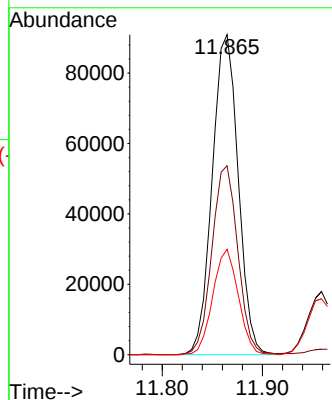
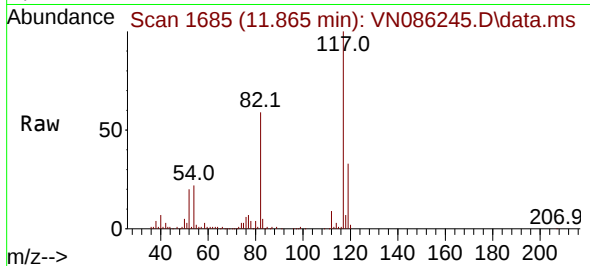




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

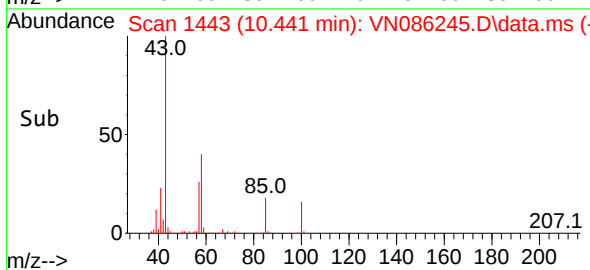
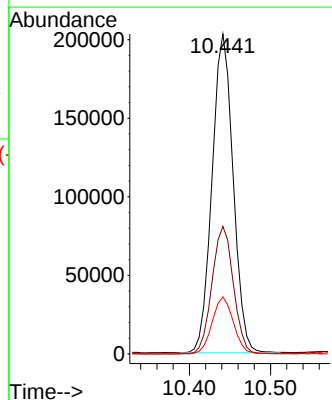
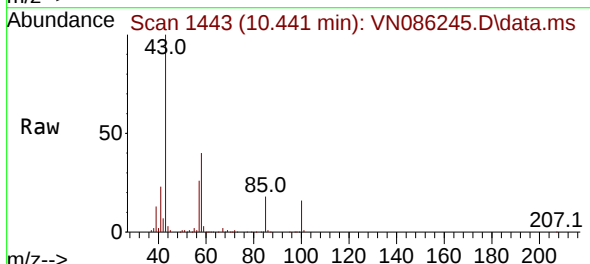
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

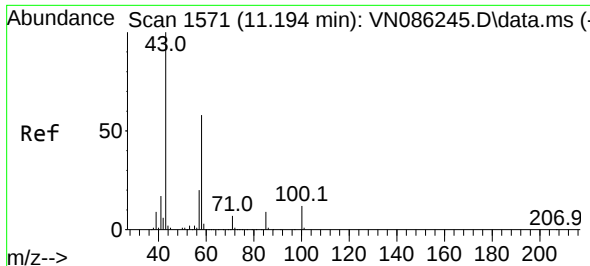
Tgt Ion:117 Resp: 163907
Ion Ratio Lower Upper
117 100
82 59.1 47.3 70.9
119 32.4 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 98.554 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 43 Resp: 366576
Ion Ratio Lower Upper
43 100
58 40.6 32.5 48.7
85 18.0 14.4 21.6

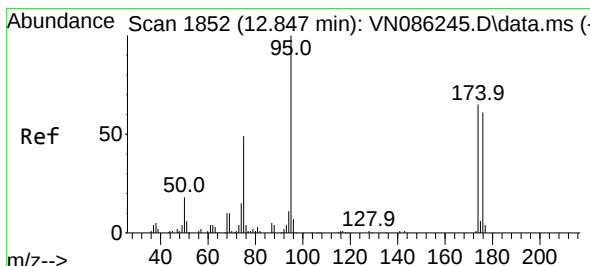
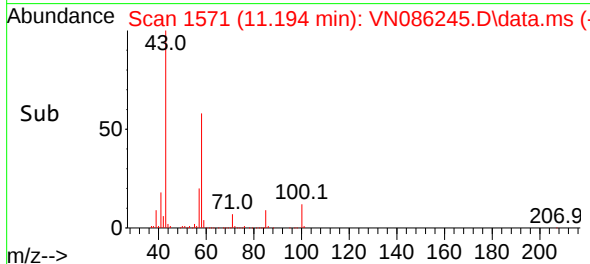
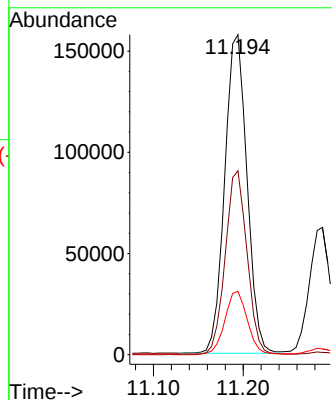
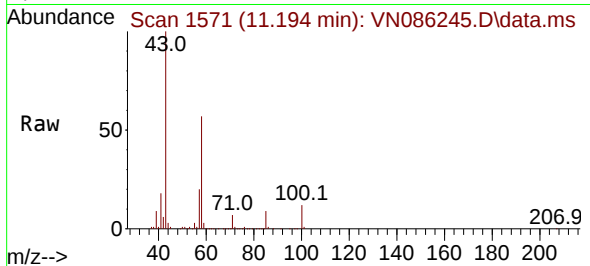




#59
2-Hexanone
Concen: 97.984 ug/l
RT: 11.194 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

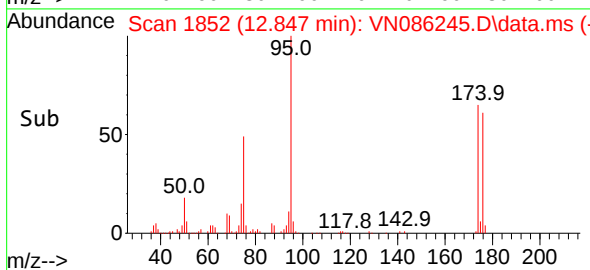
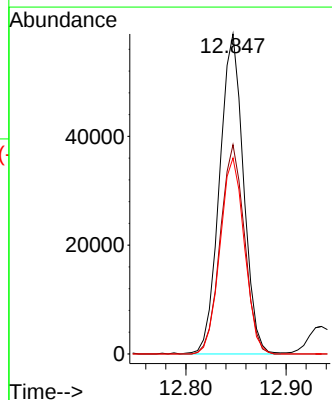
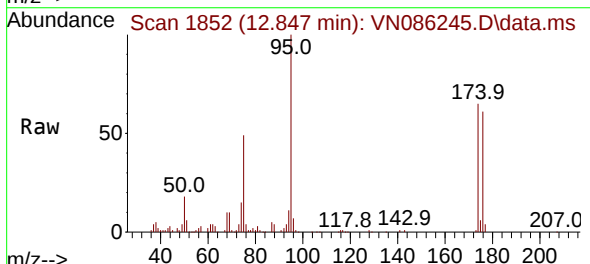
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

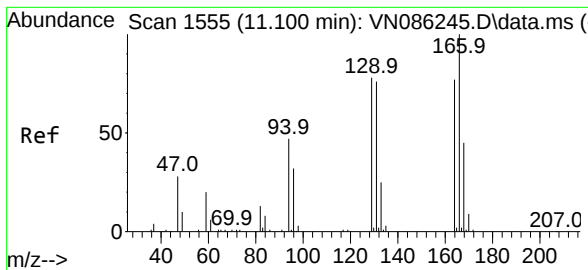
Tgt Ion: 43 Resp: 271384
Ion Ratio Lower Upper
43 100
58 56.6 45.3 67.9
57 19.7 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 29.820 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 95 Resp: 97314
Ion Ratio Lower Upper
95 100
174 65.9 52.7 79.1
176 62.3 49.8 74.8

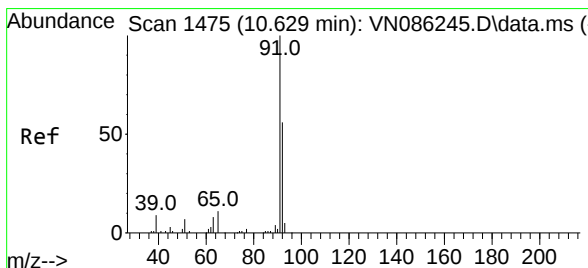
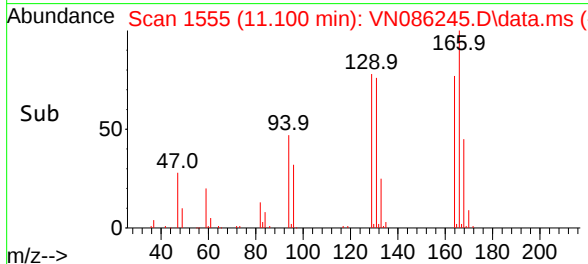
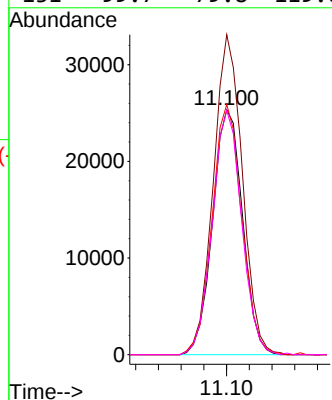
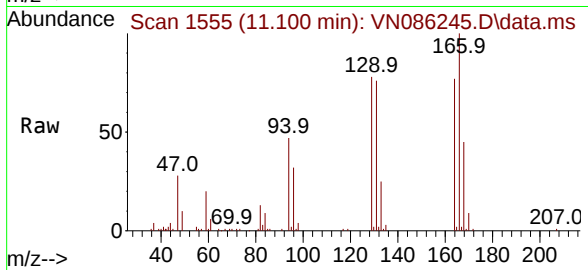




#61
Tetrachloroethene
Concen: 19.134 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

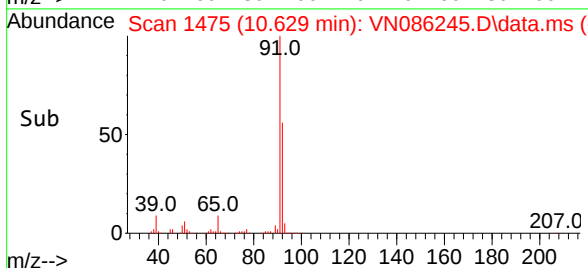
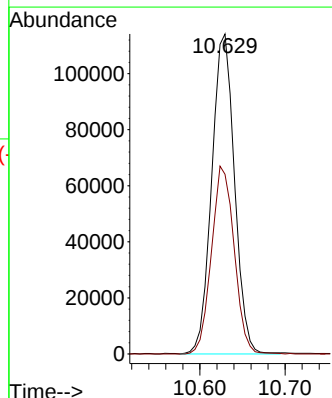
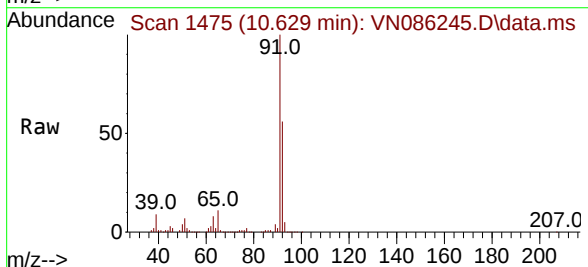
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

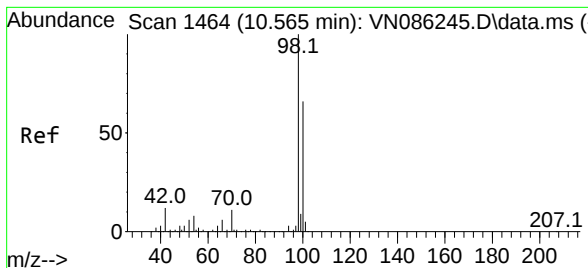
Tgt Ion:164 Resp: 46313
Ion Ratio Lower Upper
164 100
166 130.6 104.5 156.7
129 102.1 81.7 122.5
131 99.7 79.8 119.6



#62
Toluene
Concen: 19.292 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 91 Resp: 212088
Ion Ratio Lower Upper
91 100
92 58.5 46.8 70.2





#63

Toluene-d8

Concen: 30.431 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

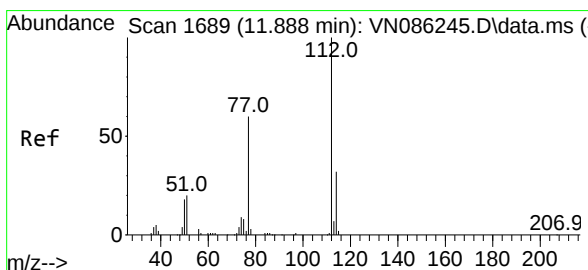
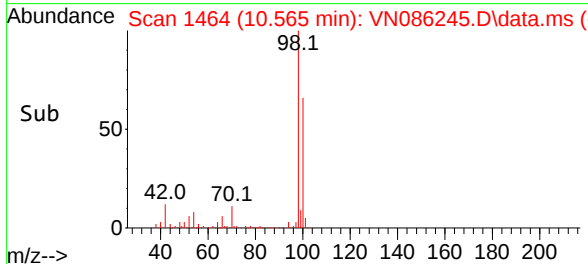
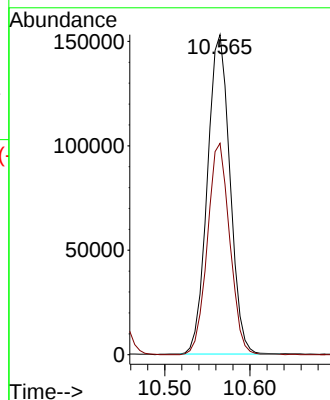
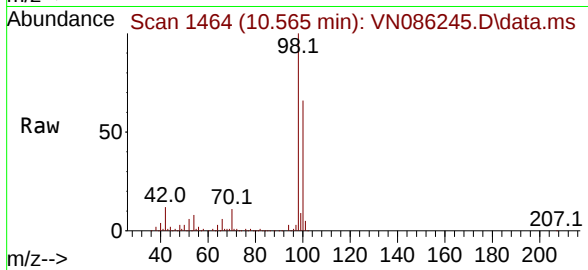
VSTDICCC020

Tgt Ion: 98 Resp: 281589

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#64

Chlorobenzene

Concen: 19.188 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN086245.D

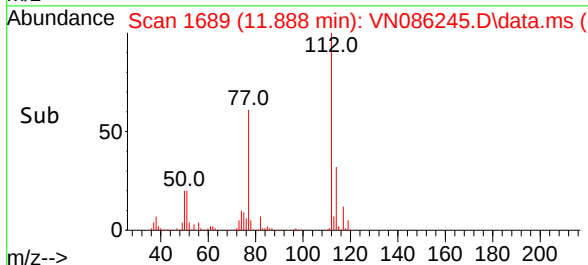
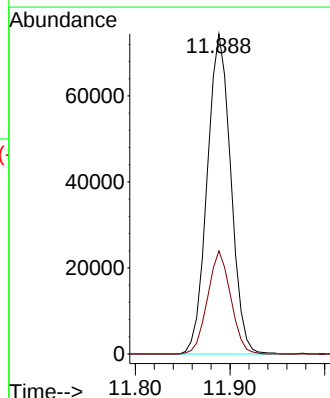
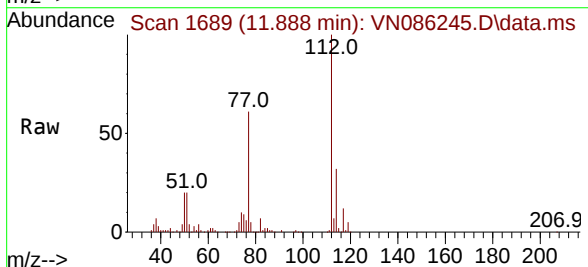
Acq: 11 Apr 2025 12:16

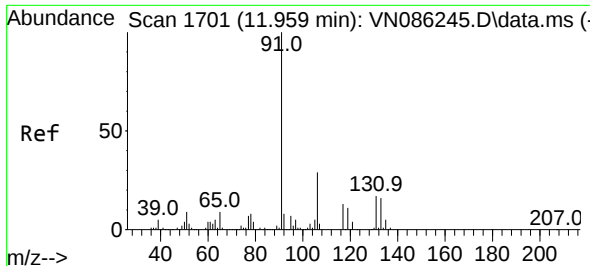
Tgt Ion: 112 Resp: 128877

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6

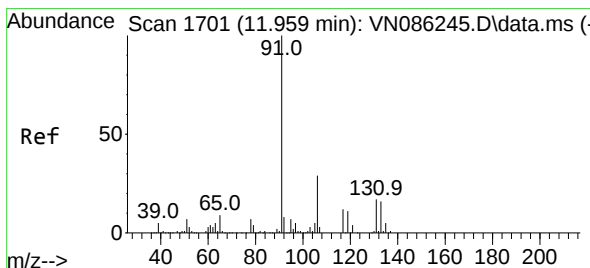
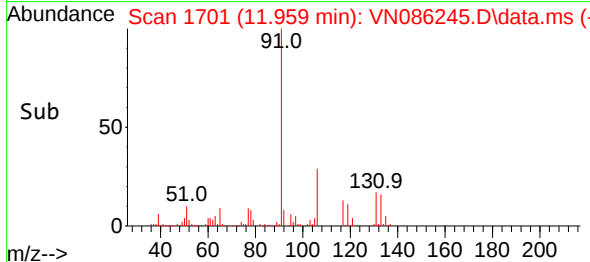
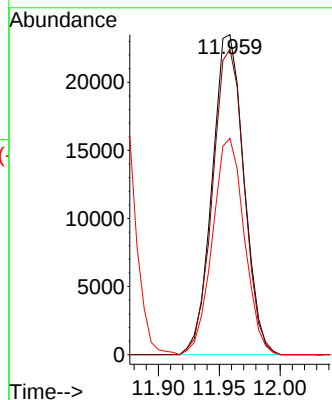
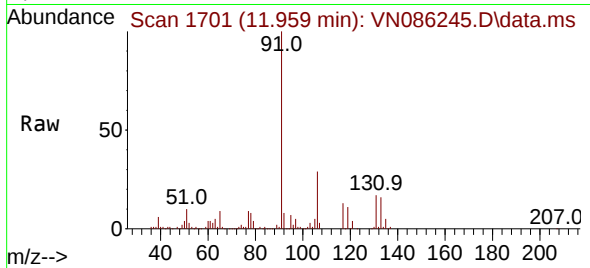




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.244 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086245.D
 Acq: 11 Apr 2025 12:16

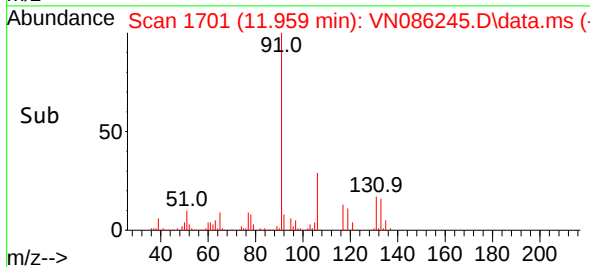
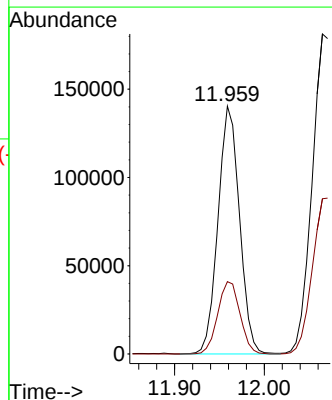
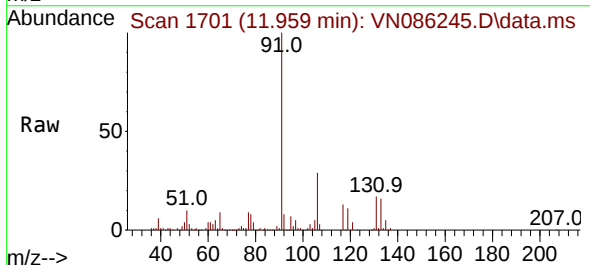
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

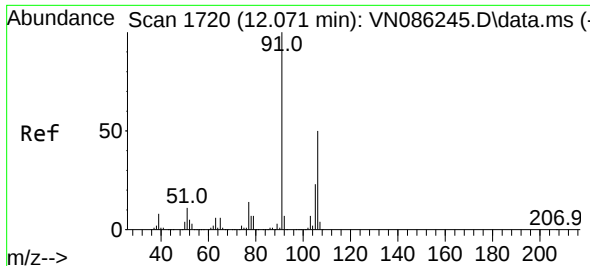
Tgt Ion:131 Resp: 42656
 Ion Ratio Lower Upper
 131 100
 133 95.2 0.0 190.4
 119 67.8 0.0 135.6



#66
 Ethyl Benzene
 Concen: 19.177 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086245.D
 Acq: 11 Apr 2025 12:16

Tgt Ion: 91 Resp: 233805
 Ion Ratio Lower Upper
 91 100
 106 29.2 23.4 35.0

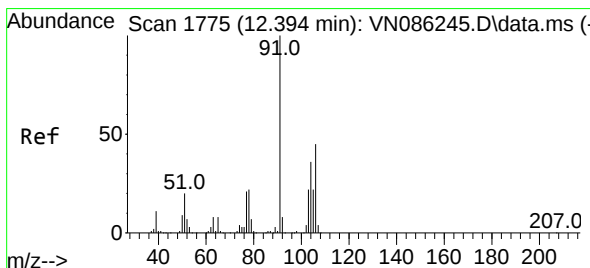
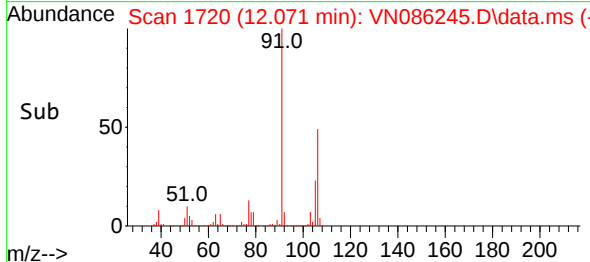
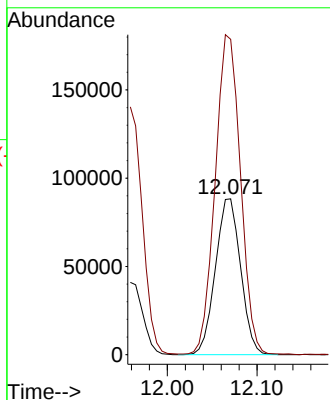
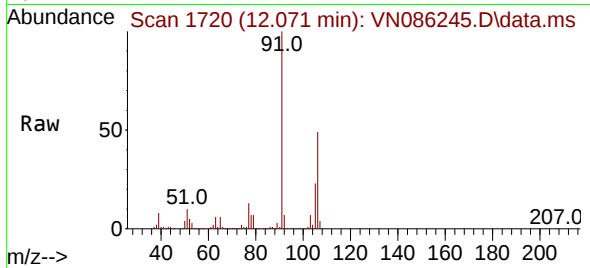




#67
m/p-Xylenes
Concen: 38.024 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

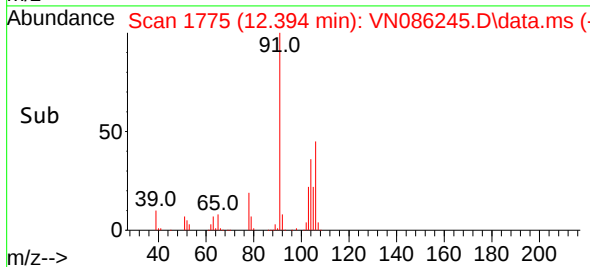
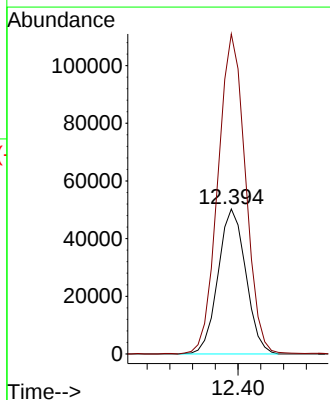
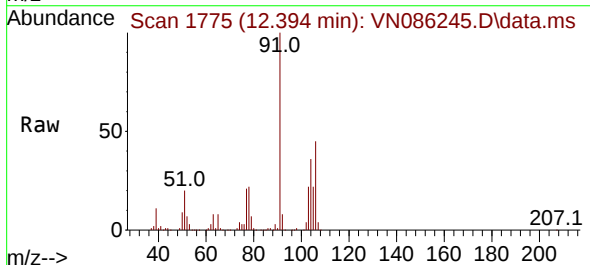
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

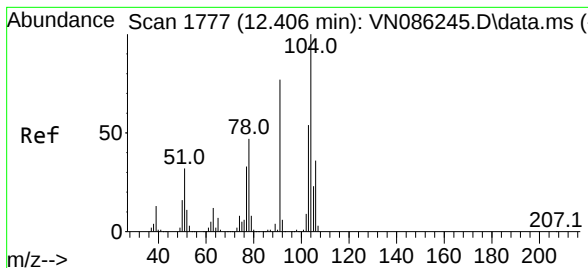
Tgt Ion:106 Resp: 172384
Ion Ratio Lower Upper
106 100
91 205.6 164.5 246.7



#68
o-Xylene
Concen: 19.101 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion:106 Resp: 85173
Ion Ratio Lower Upper
106 100
91 219.6 109.8 329.4





#69

Styrene

Concen: 18.793 ug/l

RT: 12.406 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

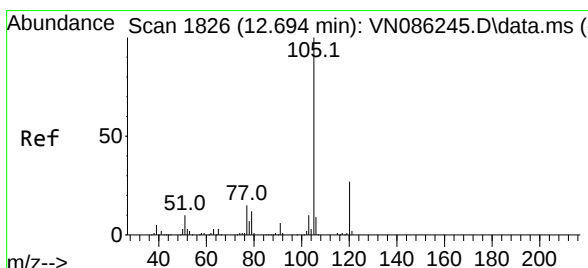
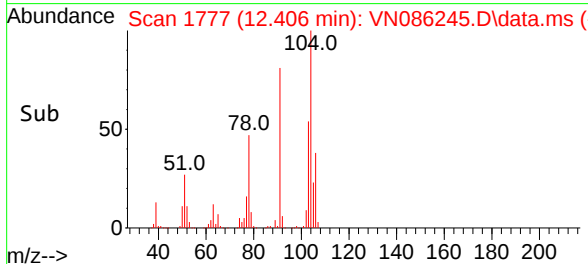
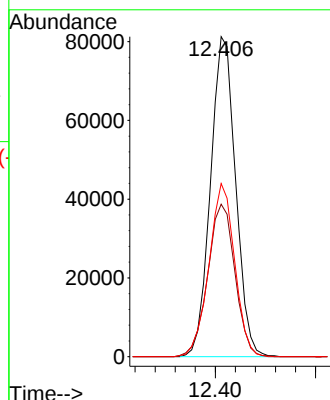
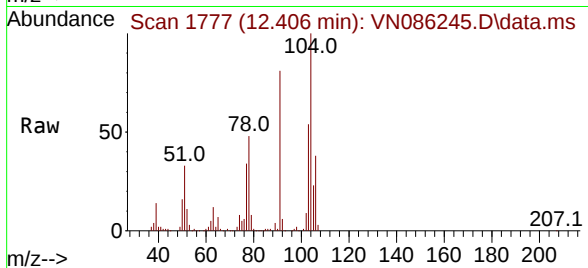
Tgt Ion:104 Resp: 141327

Ion Ratio Lower Upper

104 100

78 51.7 41.4 62.0

103 55.3 44.2 66.4



#70

Isopropylbenzene

Concen: 19.057 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN086245.D

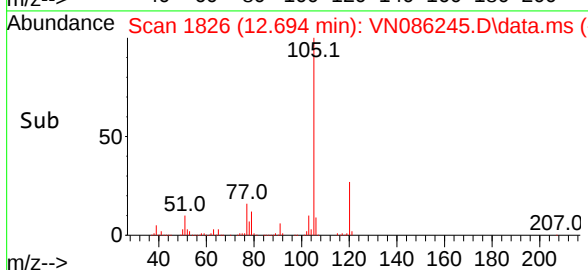
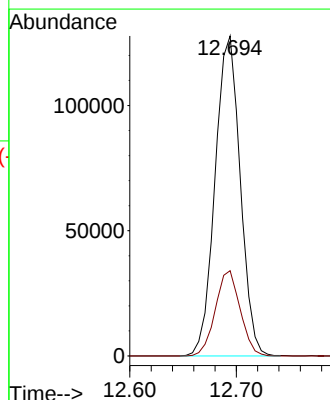
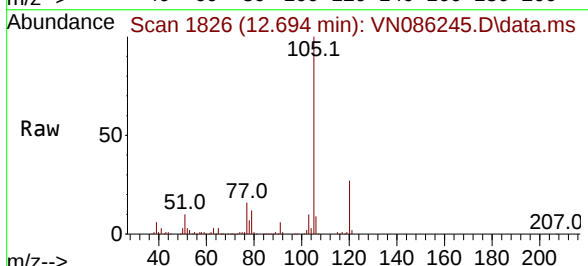
Acq: 11 Apr 2025 12:16

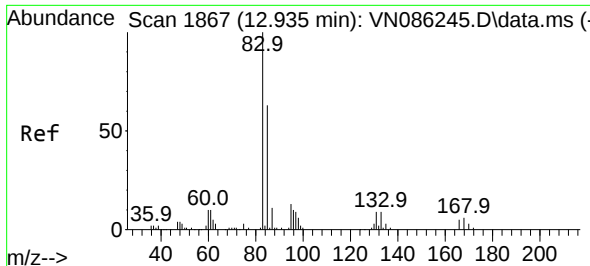
Tgt Ion:105 Resp: 209526

Ion Ratio Lower Upper

105 100

120 26.2 18.3 34.1

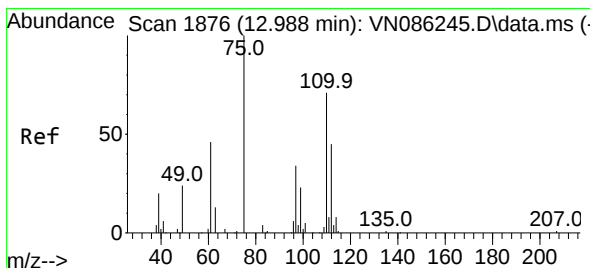
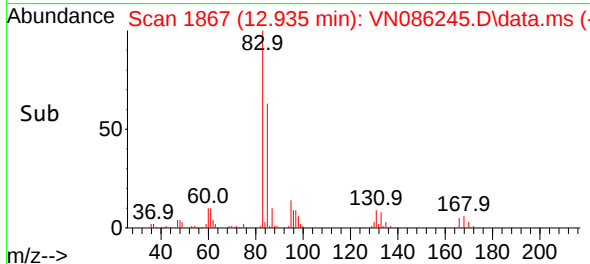
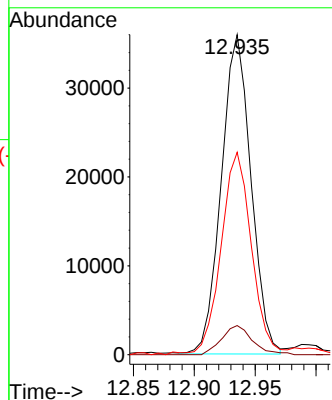
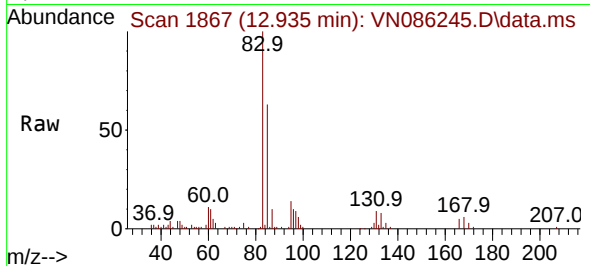




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.472 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086245.D
 Acq: 11 Apr 2025 12:16

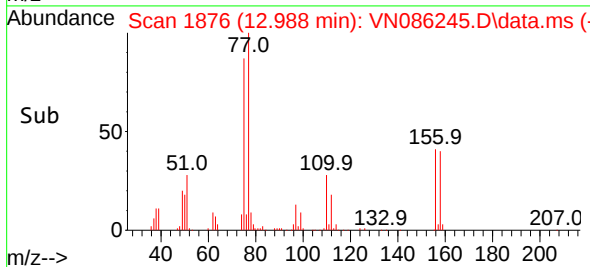
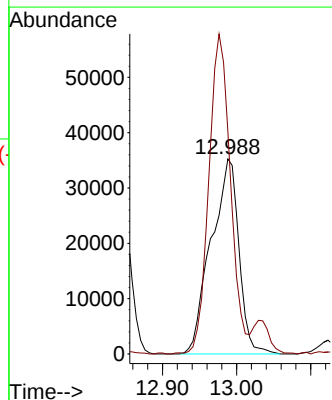
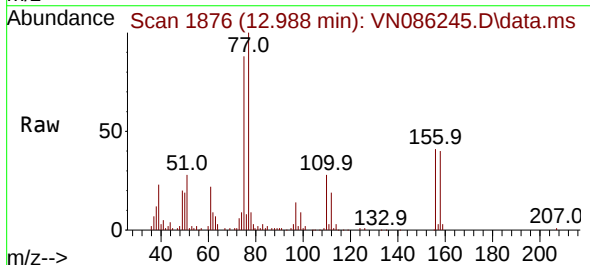
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

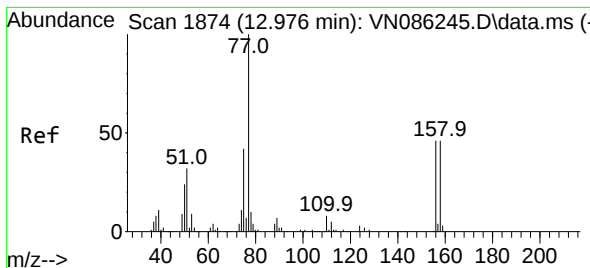
Tgt Ion: 83 Resp: 60936
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.8 14.3
 85 64.5 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 20.734 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN086245.D
 Acq: 11 Apr 2025 12:16

Tgt Ion: 75 Resp: 91862
 Ion Ratio Lower Upper
 75 100
 77 128.0 0.0 380.0





#73

Bromobenzene

Concen: 19.116 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

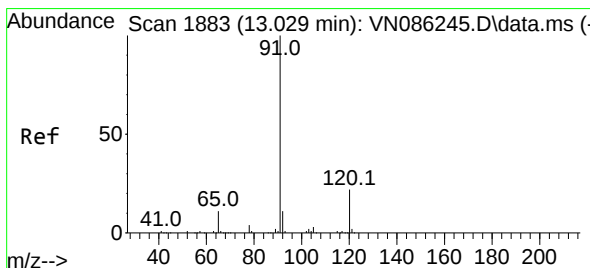
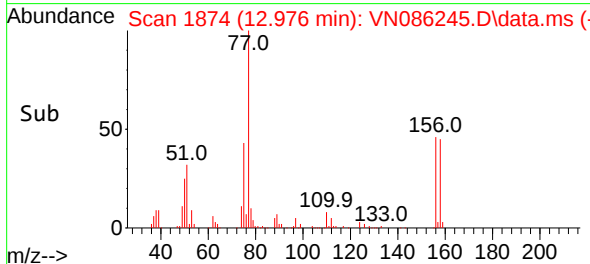
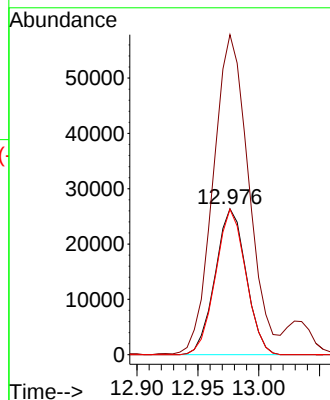
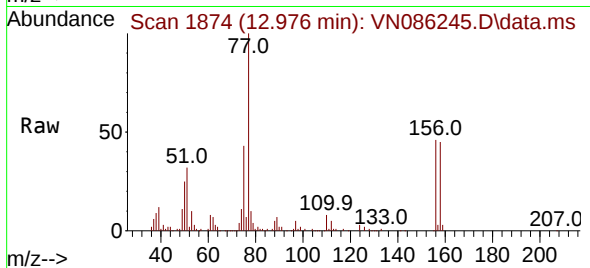
Tgt Ion:156 Resp: 46561

Ion Ratio Lower Upper

156 100

77 252.6 0.0 505.2

158 97.5 0.0 195.0



#74

n-propylbenzene

Concen: 18.707 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN086245.D

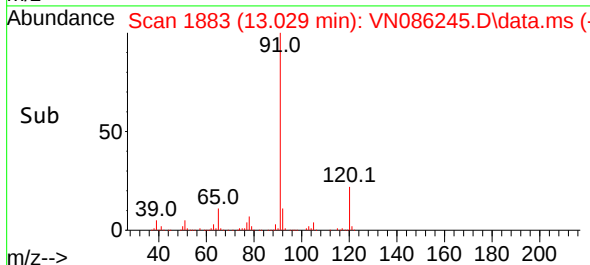
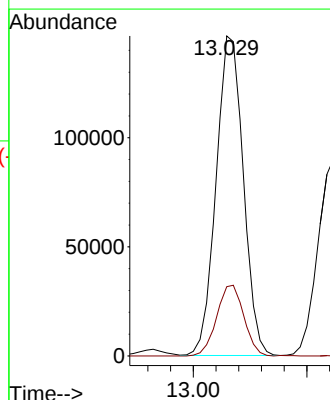
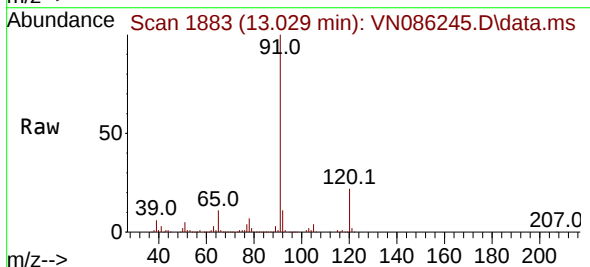
Acq: 11 Apr 2025 12:16

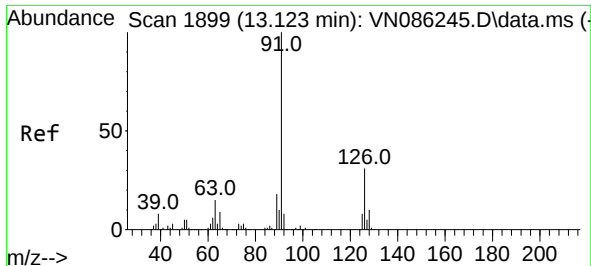
Tgt Ion: 91 Resp: 243573

Ion Ratio Lower Upper

91 100

120 22.1 0.0 44.0

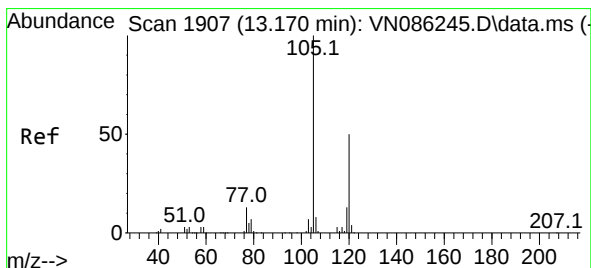
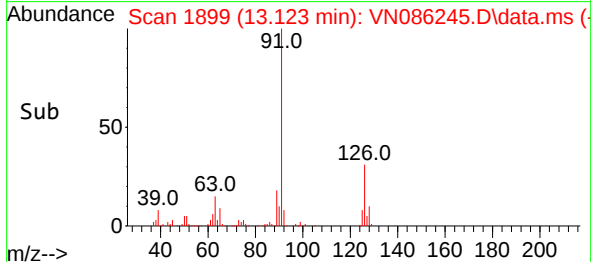
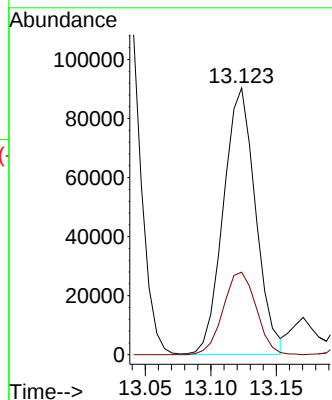
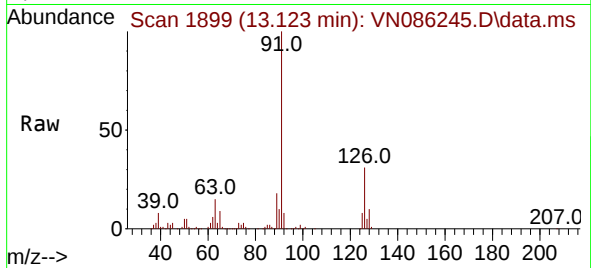




#75
2-Chlorotoluene
Concen: 18.914 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

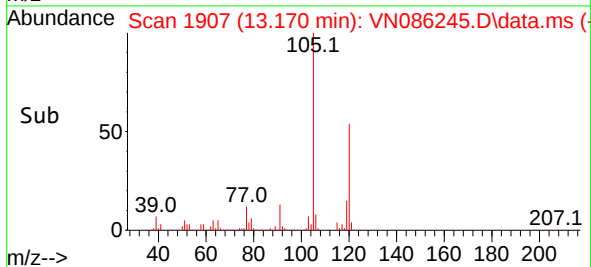
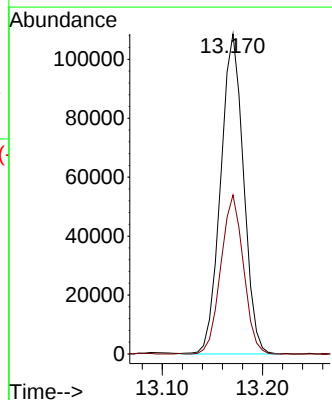
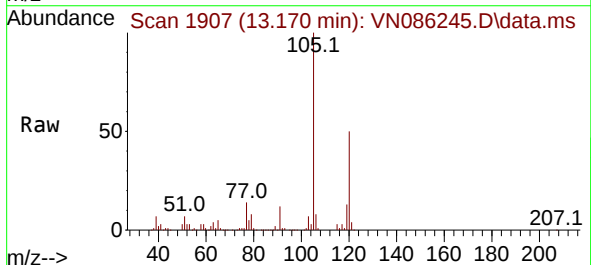
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

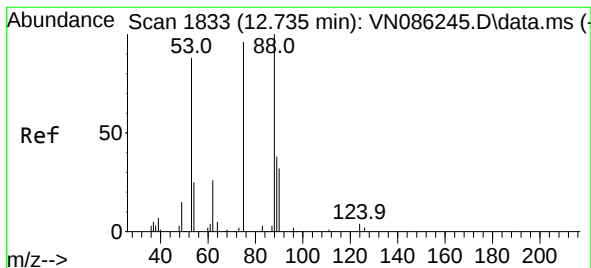
Tgt Ion: 91 Resp: 154341
Ion Ratio Lower Upper
91 100
126 31.7 0.0 63.4



#76
1,3,5-Trimethylbenzene
Concen: 19.046 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 105 Resp: 172014
Ion Ratio Lower Upper
105 100
120 49.0 0.0 98.0

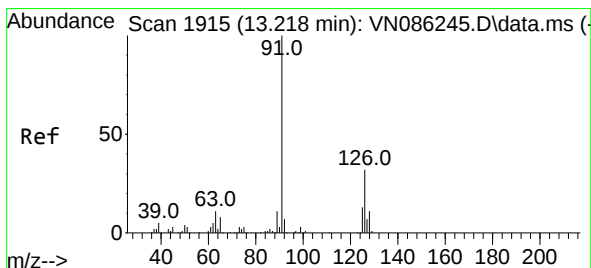
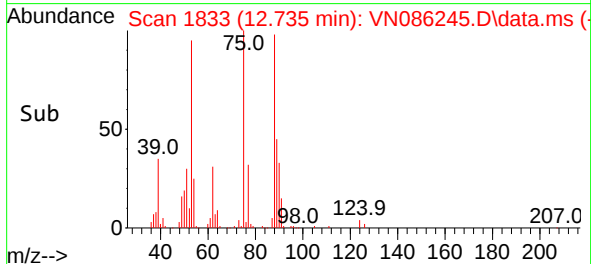
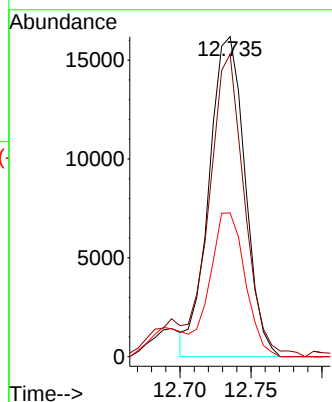
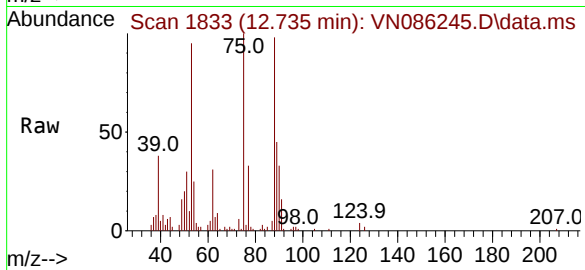




#77
t-1,4-Dichloro-2-butene
Concen: 18.993 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

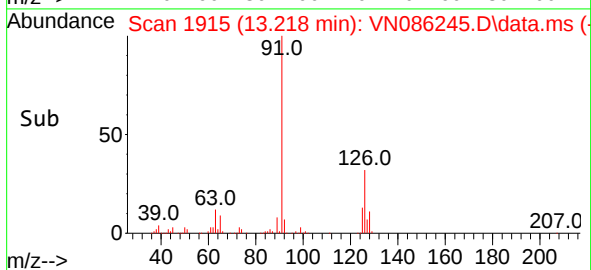
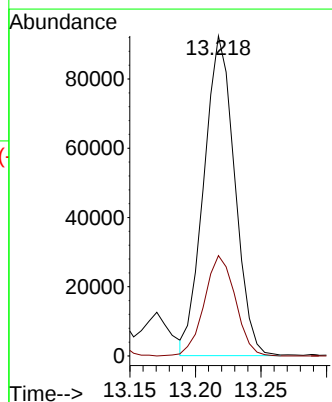
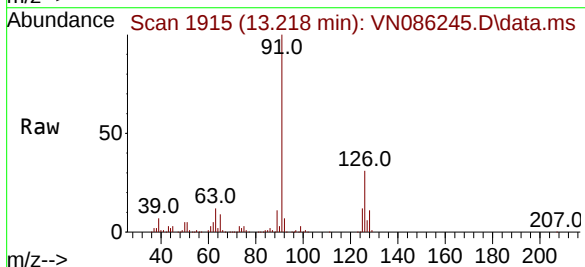
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

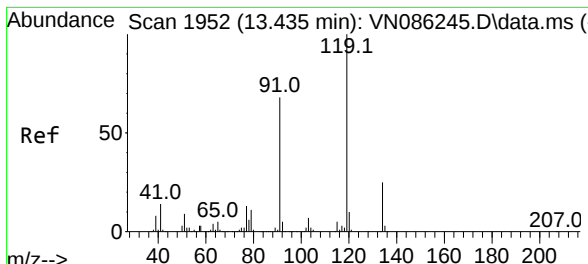
Tgt Ion: 75 Resp: 28529
Ion Ratio Lower Upper
75 100
53 92.8 46.4 139.2
89 45.0 22.5 67.5



#78
4-Chlorotoluene
Concen: 18.539 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 91 Resp: 151091
Ion Ratio Lower Upper
91 100
126 31.6 0.0 63.2



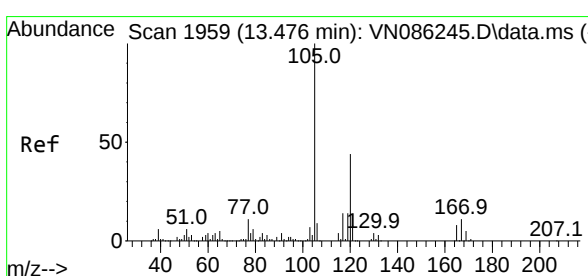
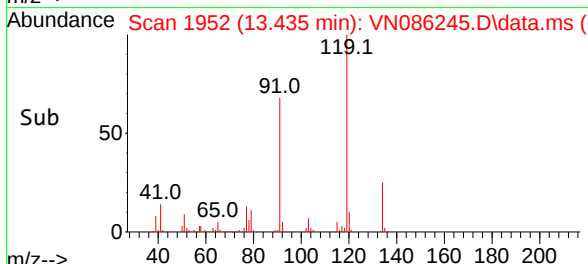
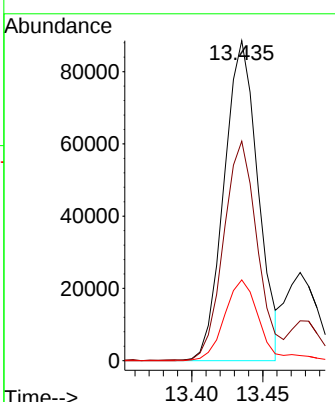
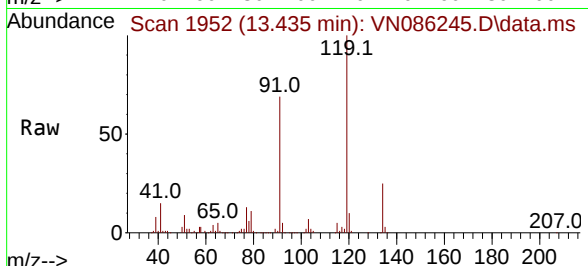


#79
 tert-butylbenzene
 Concen: 18.865 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN086245.D
 Acq: 11 Apr 2025 12:16

Instrument : MSVOA_N
 ClientSampleId : VSTDICCC020

Tgt Ion:119 Resp: 147428

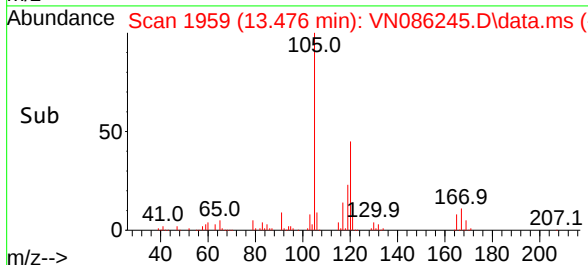
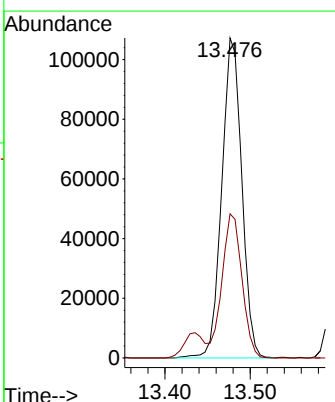
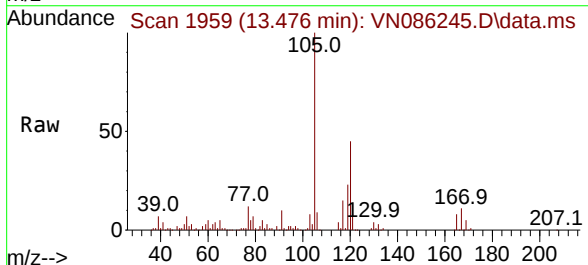
Ion	Ratio	Lower	Upper
119	100		
91	68.3	0.0	136.6
134	24.7	0.0	49.4

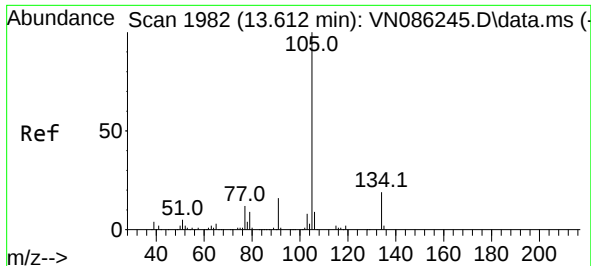


#80
 1,2,4-Trimethylbenzene
 Concen: 19.089 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN086245.D
 Acq: 11 Apr 2025 12:16

Tgt Ion:105 Resp: 174827

Ion	Ratio	Lower	Upper
105	100		
120	45.5	0.0	91.0

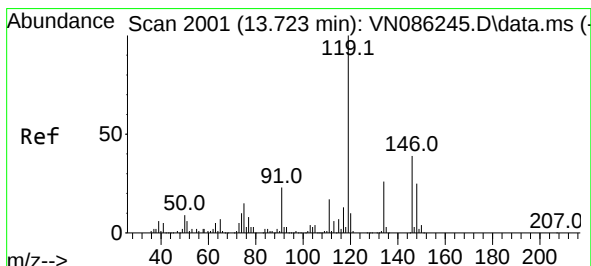
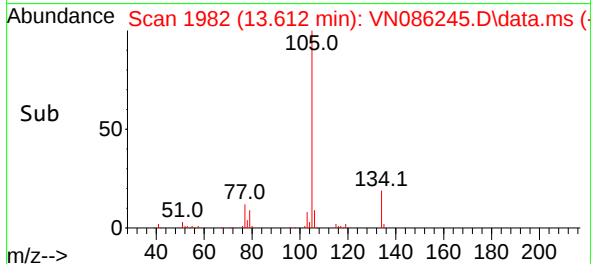
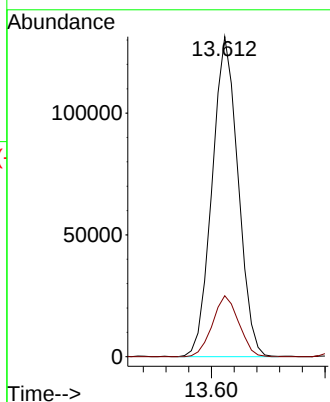
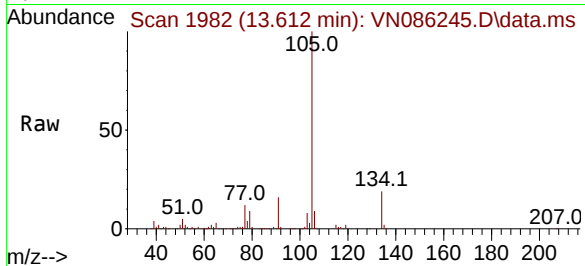




#81
 sec-Butylbenzene
 Concen: 19.134 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086245.D
 Acq: 11 Apr 2025 12:16

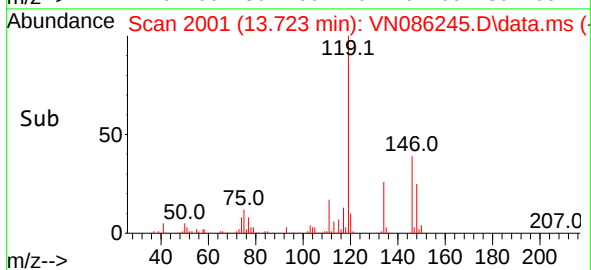
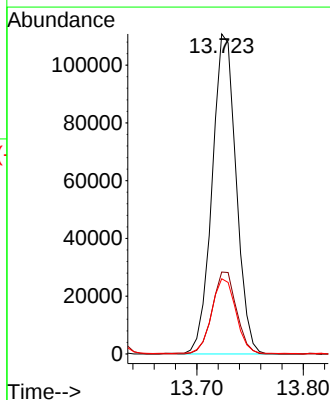
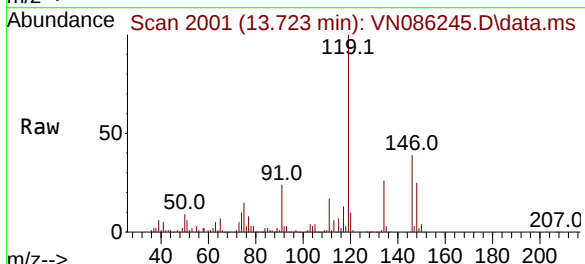
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

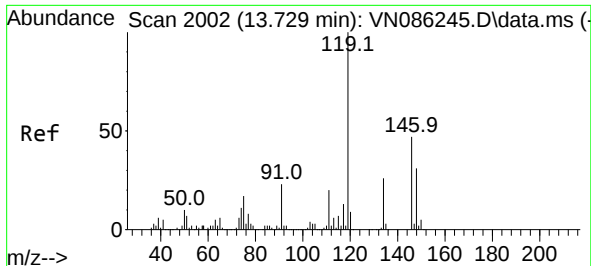
Tgt Ion:105 Resp: 208583
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 19.037 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086245.D
 Acq: 11 Apr 2025 12:16

Tgt Ion:119 Resp: 173120
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.6
 91 24.1 0.0 48.2

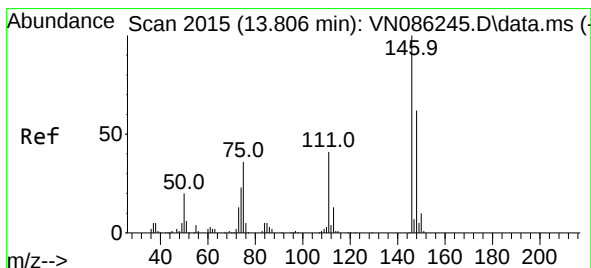
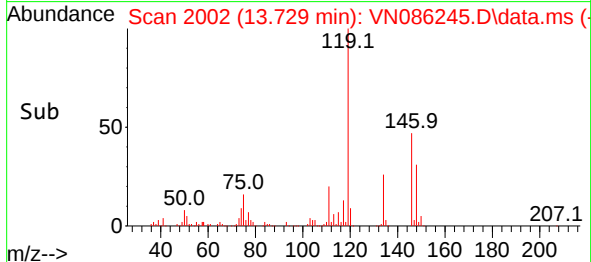
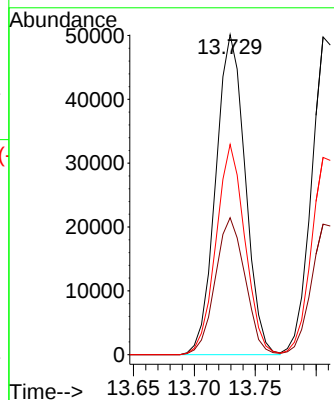
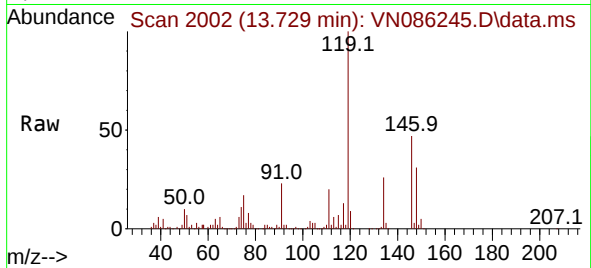




#83
1,3-Dichlorobenzene
Concen: 18.662 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

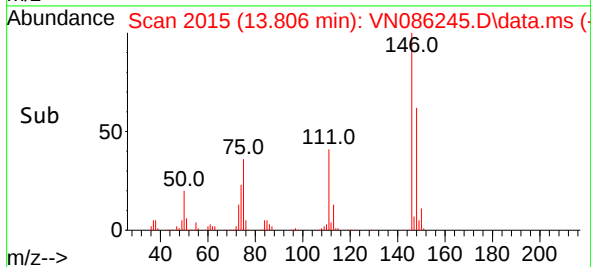
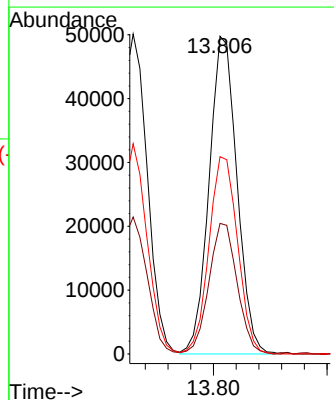
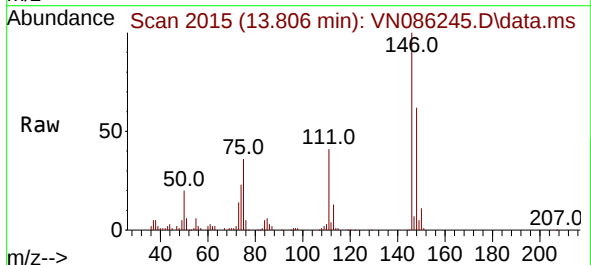
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

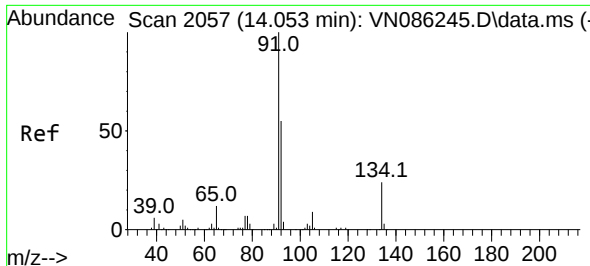
Tgt Ion:146 Resp: 84482
Ion Ratio Lower Upper
146 100
111 43.4 21.7 65.1
148 64.5 32.3 96.8



#84
1,4-Dichlorobenzene
Concen: 18.705 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion:146 Resp: 84947
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.4
148 63.7 31.9 95.5

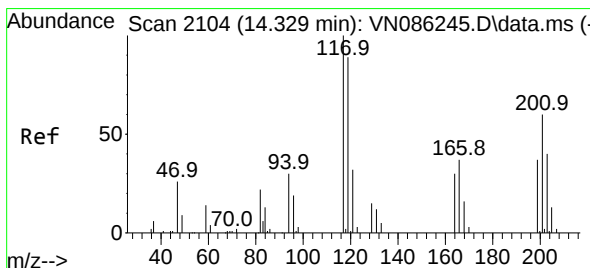
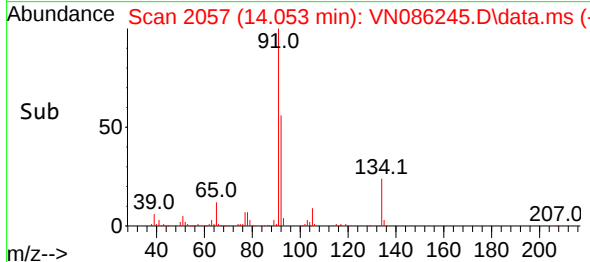
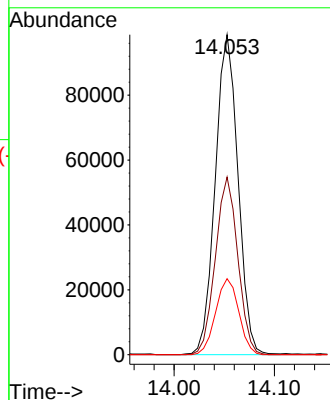
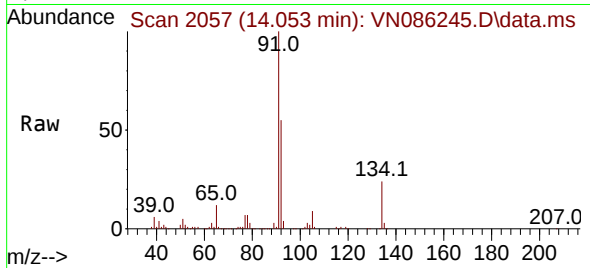




#85
n-Butylbenzene
Concen: 18.919 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

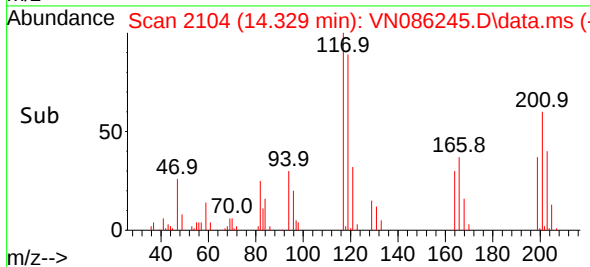
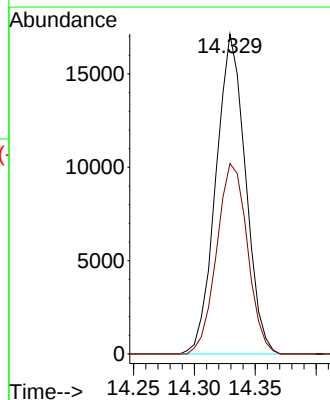
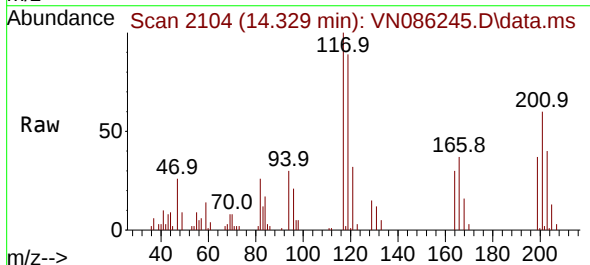
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

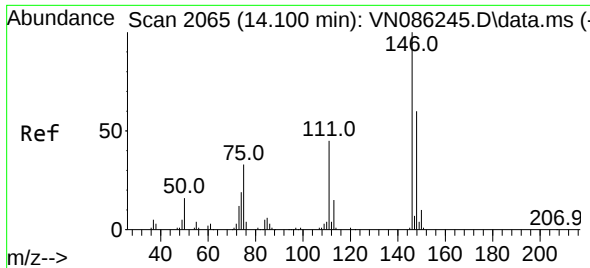
Tgt Ion: 91 Resp: 155208
Ion Ratio Lower Upper
91 100
92 54.7 0.0 109.4
134 24.1 0.0 48.2



#86
Hexachloroethane
Concen: 18.910 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion: 117 Resp: 29008
Ion Ratio Lower Upper
117 100
201 61.9 30.9 92.8

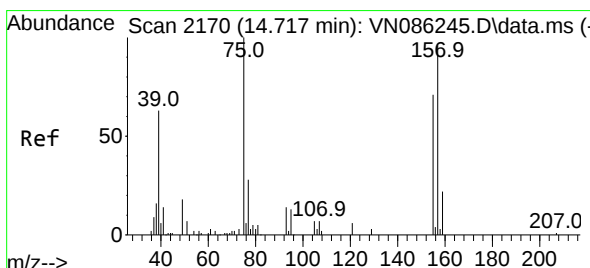
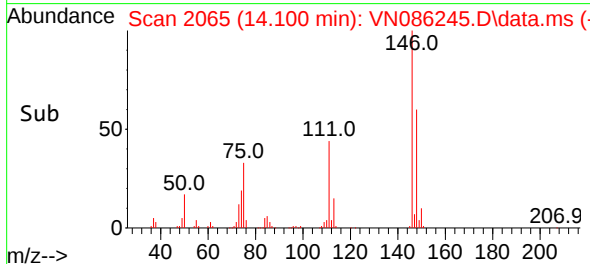
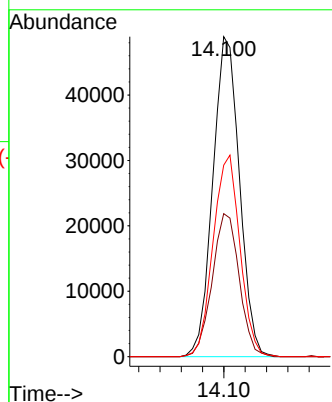
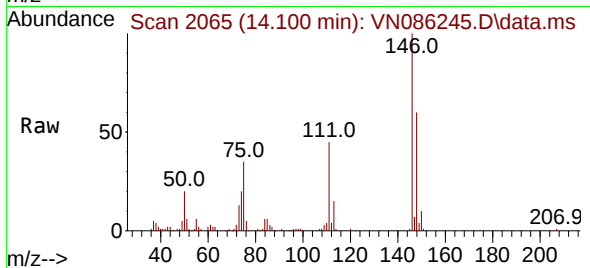




#87
 1,2-Dichlorobenzene
 Concen: 19.018 ug/l
 RT: 14.100 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VN086245.D
 Acq: 11 Apr 2025 12:16

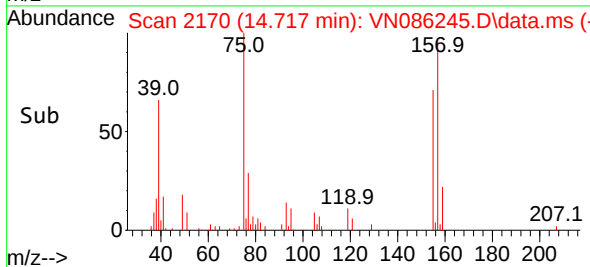
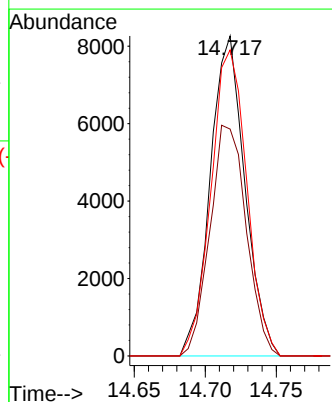
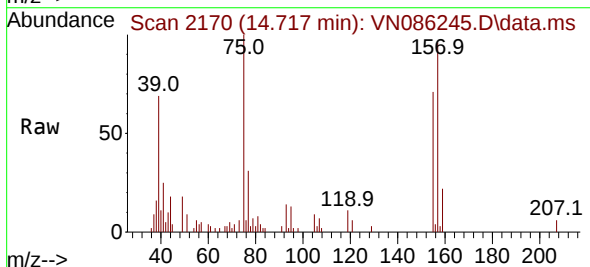
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

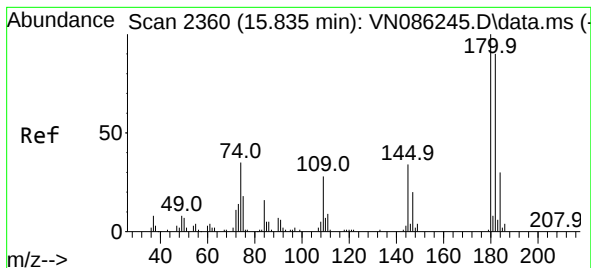
Tgt Ion:146	Resp:	85009
Ion Ratio	Lower	Upper
146	100	
111	45.3	22.7 68.0
148	63.5	31.8 95.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.684 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VN086245.D
 Acq: 11 Apr 2025 12:16

Tgt Ion: 75	Resp:	14031
Ion Ratio	Lower	Upper
75	100	
155	75.4	60.3 90.5
157	98.7	79.0 118.4





#89

1,2,4-Trichlorobenzene

Concen: 20.183 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

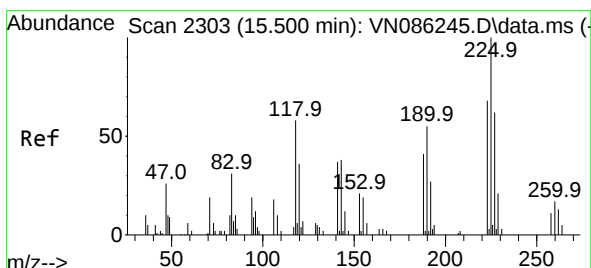
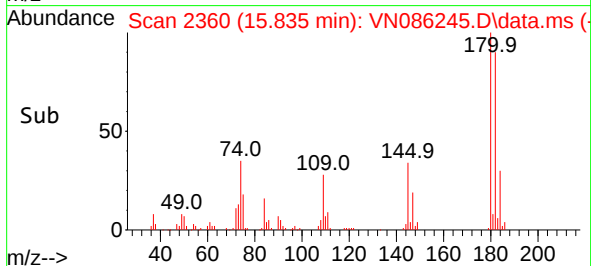
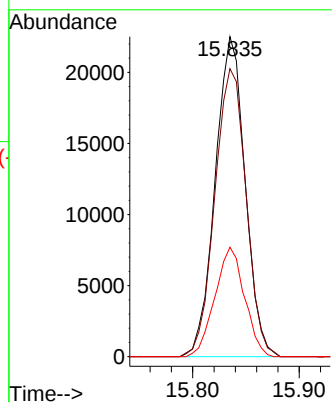
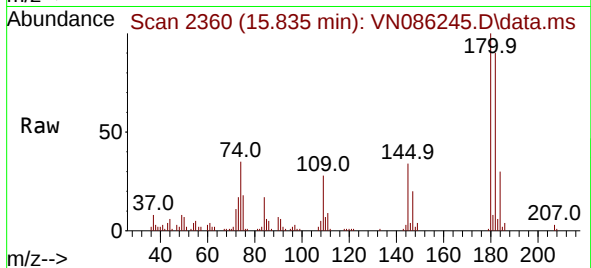
Tgt Ion:180 Resp: 43895

Ion Ratio Lower Upper

180 100

182 93.9 75.1 112.7

145 33.9 27.1 40.7



#90

Hexachlorobutadiene

Concen: 19.398 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN086245.D

Acq: 11 Apr 2025 12:16

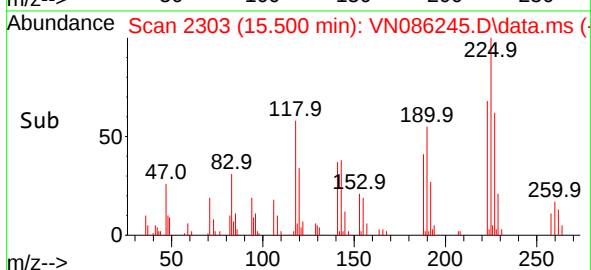
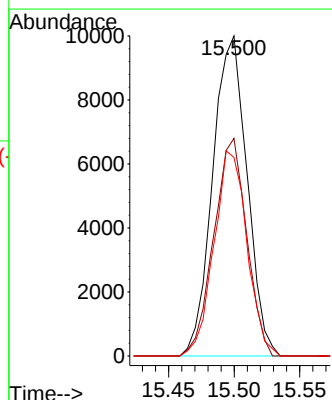
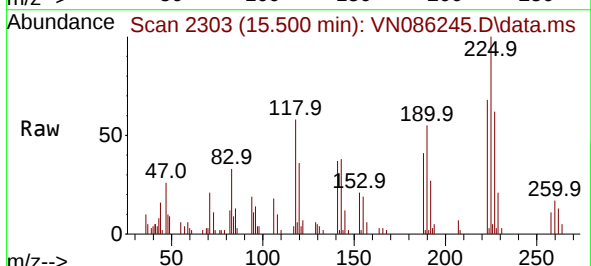
Tgt Ion:225 Resp: 18215

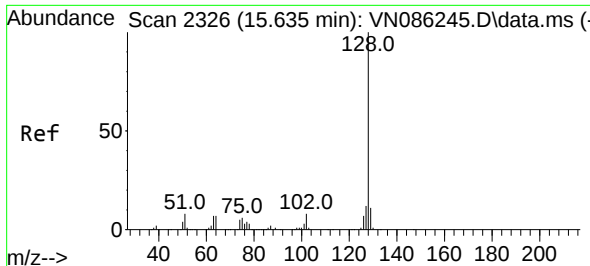
Ion Ratio Lower Upper

225 100

223 65.0 0.0 130.0

227 61.6 0.0 123.2

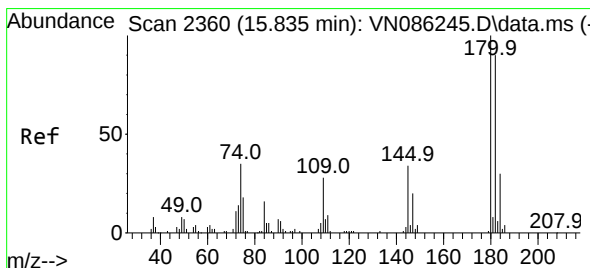
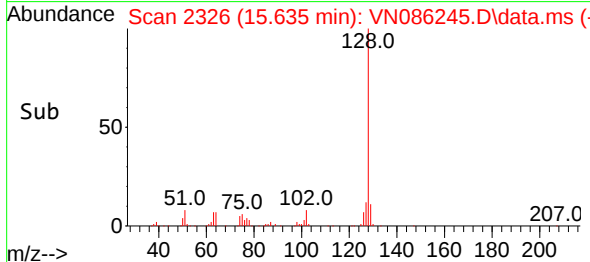
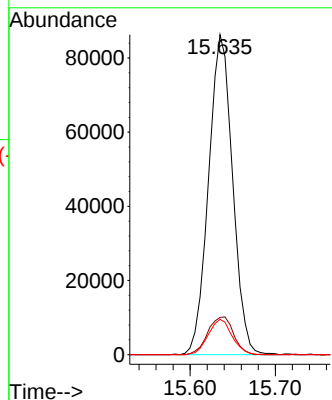
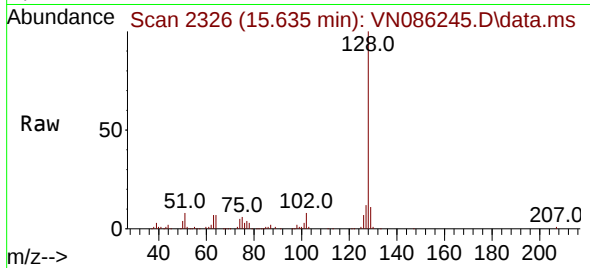




#91
Naphthalene
Concen: 19.722 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 169118
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 20.183 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086245.D
Acq: 11 Apr 2025 12:16

Tgt Ion:180 Resp: 43895
Ion Ratio Lower Upper
180 100
182 93.9 0.0 187.8
145 33.9 0.0 67.8

