

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041024\
 Data File : VN081679.D
 Acq On : 10 Apr 2024 13:37
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Apr 11 09:07:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:07:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	11900	30.000	ug/l	-0.02
28) 1,4-Difluorobenzene	9.106	114	180909	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	239264	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	99014	67.728	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 225.767%#	
60) 4-Bromofluorobenzene	12.853	95	141202	30.017	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.067%	
63) Toluene-d8	10.571	98	298929	31.147	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.833%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	72066	43.340	ug/l	98
3) Chloromethane	2.359	50	66285	45.947	ug/l	98
4) Vinyl Chloride	2.518	62	67310	45.374	ug/l	96
5) Bromomethane	2.965	94	51390	40.905	ug/l	97
6) Chloroethane	3.183	64	603	0.519	ug/l	96
7) Trichlorofluoromethane	3.500	101	126385	51.874	ug/l	99
8) Diethyl Ether	3.965	74	36930	40.655	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	71663	42.886	ug/l	85
10) 1,1-Dichloroethene	4.347	96	65480	44.851	ug/l	98
11) Methyl Iodide	4.589	142	74275	42.773	ug/l	87
12) Methyl Acetate	5.024	43	60738	43.211	ug/l #	85
13) Acrolein	4.383	56	158	0.853	ug/l	95
14) Acrylonitrile	5.724	53	152399	217.580	ug/l	99
15) Acetone	4.424	58	33378	216.134	ug/l	98
16) Carbon Disulfide	4.712	76	185125	42.484	ug/l #	93
17) Allyl chloride	5.024	41	76192	41.101	ug/l	92
18) Methylene Chloride	5.277	84	74665	42.314	ug/l	92
19) trans-1,2-Dichloroethene	5.783	96	70402	41.894	ug/l	83
20) Diisopropyl ether	6.677	45	197895	44.693	ug/l	96
21) 1,1-Dichloroethane	6.565	63	130229	44.257	ug/l	96
22) cis-1,2-Dichloroethene	7.488	96	84002	41.395	ug/l	96
23) tert-Butyl Alcohol	5.524	59	52817	212.419	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	201924	42.132	ug/l	95
25) Chloroform	7.971	83	150734	45.022	ug/l	99
26) Cyclohexane	8.259	56	100552	42.626	ug/l	90
29) 1,1-Dichloropropene	8.377	75	95190	20.014	ug/l	98
30) 2-Butanone	7.483	43	188213	103.619	ug/l	98
31) 2,2-Dichloropropane	7.494	77	122596	20.694	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	131561	20.070	ug/l	99
33) Carbon Tetrachloride	8.165	117	9060	1.525	ug/l	96
34) Benzene	8.612	78	311103	20.305	ug/l	97
35) Methacrylonitrile	7.777	41	40956	19.907	ug/l	94
36) 1,2-Dichloroethane	8.671	62	106537	21.200	ug/l	97
37) Trichloroethene	9.359	130	78677	19.406	ug/l	89
38) Methylcyclohexane	9.606	83	109173	18.780	ug/l	97
39) 1,2-Dichloropropane	9.624	63	71217	19.924	ug/l	94
40) Dibromomethane	9.712	93	60248	21.160	ug/l	94
41) Bromodichloromethane	9.888	83	120843	20.813	ug/l #	96
42) Vinyl Acetate	6.600	43	772713	102.119	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041024\
 Data File : VN081679.D
 Acq On : 10 Apr 2024 13:37
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

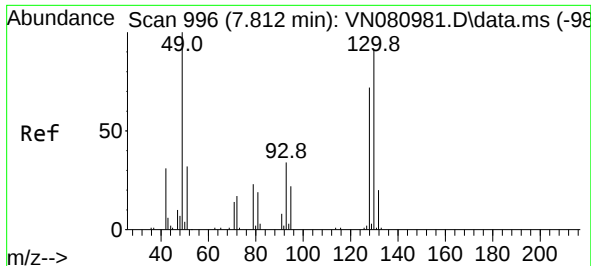
Quant Time: Apr 11 09:07:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:07:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	82107	20.448	ug/l	98
44) Isopropyl Acetate	8.688	43	133495	19.902	ug/l	98
45) 1,4-Dioxane	9.694	88	30709	414.739	ug/l	92
46) Methyl methacrylate	9.682	41	61120	20.263	ug/l	87
47) n-amyl Acetate	12.500	43	114113	18.959	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	109321	19.763	ug/l	96
49) cis-1,3-Dichloropropene	10.318	75	119015	19.979	ug/l	93
50) 1,1,2-Trichloroethane	11.018	97	76002	19.935	ug/l	95
51) Ethyl methacrylate	10.876	69	98502	18.556	ug/l	90
52) 1,3-Dichloropropane	11.165	76	126109	20.181	ug/l	97
53) Dibromochloromethane	11.359	129	90164	19.798	ug/l	100
54) 1,2-Dibromoethane	11.471	107	78986	20.043	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	259348	99.489	ug/l	99
56) Bromoform	12.582	173	57459	19.731	ug/l #	95
58) 4-Methyl-2-Pentanone	10.447	43	429437	104.368	ug/l	93
59) 2-Hexanone	11.200	43	334044	108.101	ug/l	92
61) Tetrachloroethene	11.106	164	91236	20.579	ug/l	96
62) Toluene	10.635	91	345142	19.828	ug/l	100
64) Chlorobenzene	11.894	112	215760	19.547	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	79538	19.837	ug/l	98
66) Ethyl Benzene	11.965	91	351152	18.974	ug/l	99
67) m/p-Xylenes	12.076	106	288627	39.371	ug/l	94
68) o-Xylene	12.400	106	135771	19.509	ug/l	94
69) Styrene	12.412	104	228488	19.278	ug/l	96
70) Isopropylbenzene	12.700	105	347196	19.338	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	94765	20.206	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	129438	19.569	ug/l	69
73) Bromobenzene	12.982	156	86568	19.459	ug/l	93
74) n-propylbenzene	13.035	91	418896	19.480	ug/l	99
75) 2-Chlorotoluene	13.129	91	251233	19.622	ug/l	94
76) 1,3,5-Trimethylbenzene	13.176	105	302416	19.845	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	35507	19.746	ug/l	95
78) 4-Chlorotoluene	13.223	91	251088	19.772	ug/l	95
79) tert-butylbenzene	13.441	119	240202	18.528	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	299697	19.720	ug/l	98
81) sec-Butylbenzene	13.617	105	358971	19.199	ug/l	97
82) p-Isopropyltoluene	13.729	119	294188	18.761	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	167311	20.123	ug/l	95
84) 1,4-Dichlorobenzene	13.817	146	161448	20.060	ug/l	97
85) n-Butylbenzene	14.059	91	241723	18.301	ug/l	98
86) Hexachloroethane	14.335	117	56865	18.982	ug/l	88
87) 1,2-Dichlorobenzene	14.106	146	156361	19.757	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	20350	19.904	ug/l	96
89) 1,2,4-Trichlorobenzene	15.847	180	78959	18.078	ug/l	98
90) Hexachlorobutadiene	15.506	225	32912	18.933	ug/l	97
91) Naphthalene	15.647	128	242772	17.408	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	78959	18.202	ug/l	98

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

Quant Time: Apr 11 09:07:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:07:06 2024
Response via : Initial Calibration

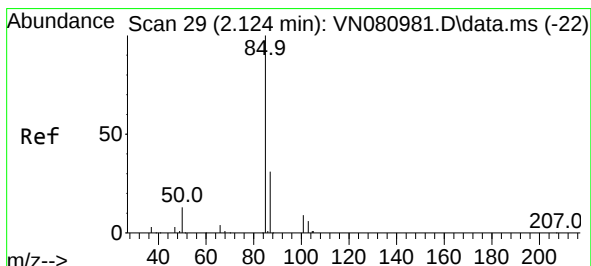
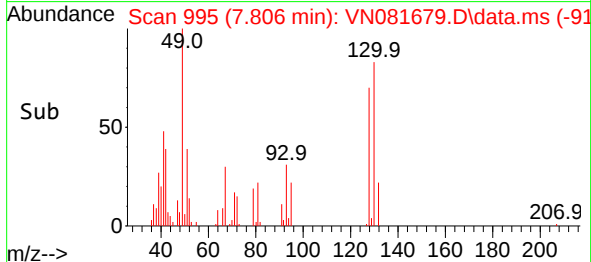
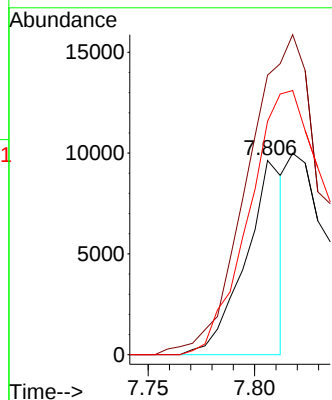
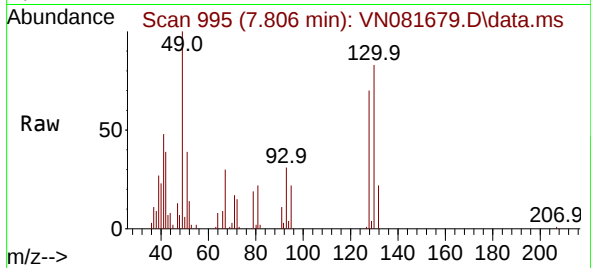




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 91
Delta R.T. -0.018 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

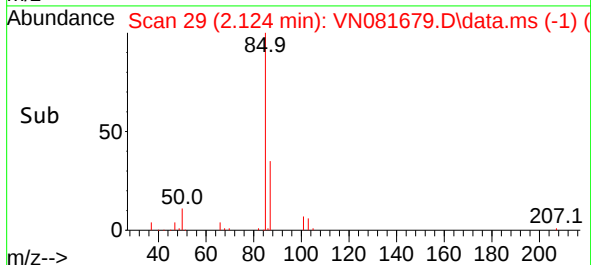
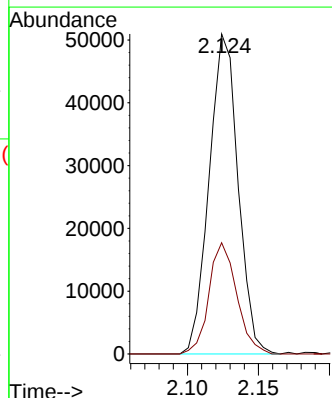
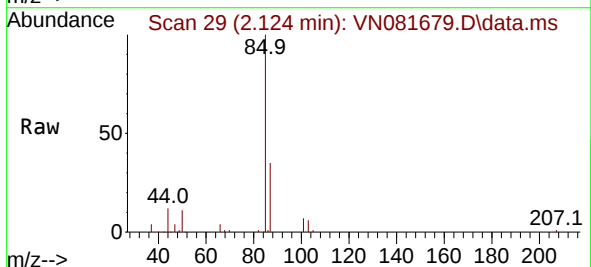
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

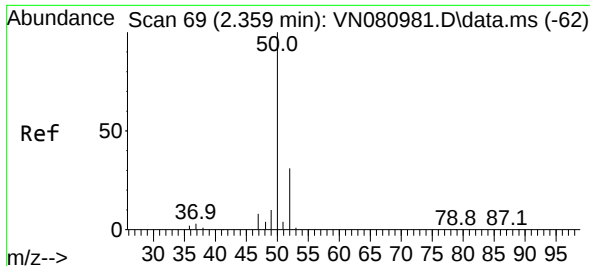
Tgt Ion:128 Resp: 11900
Ion Ratio Lower Upper
128 100
49 329.2 0.0 403.7
130 281.8 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 43.340 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 85 Resp: 72066
Ion Ratio Lower Upper
85 100
87 34.7 16.8 50.3

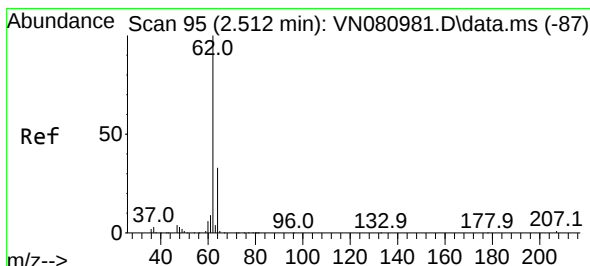
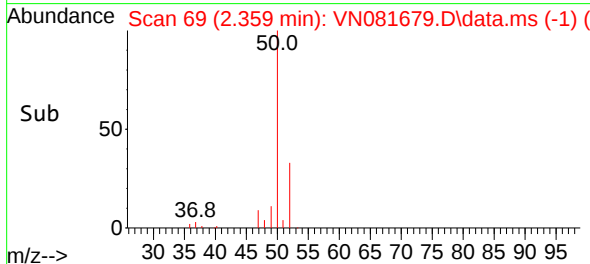
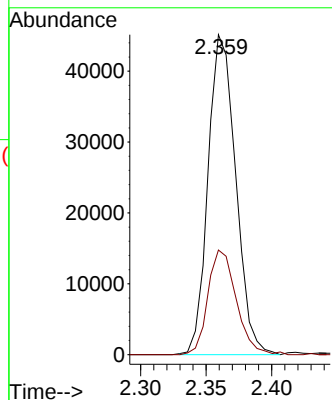
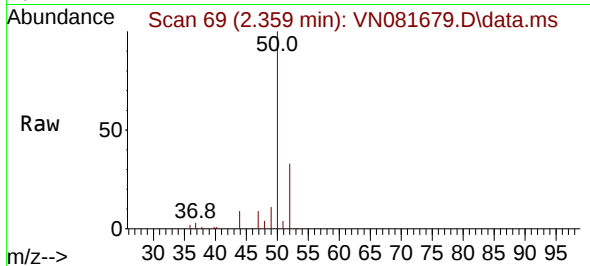




#3
Chloromethane
Concen: 45.947 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

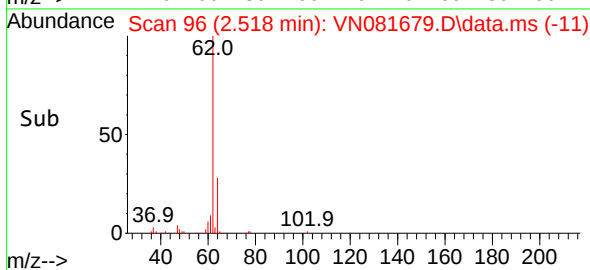
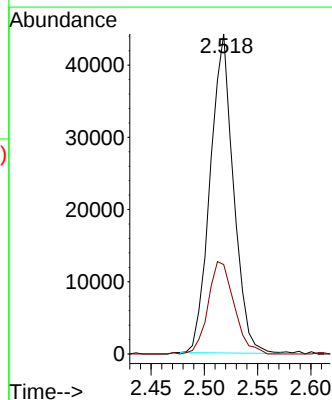
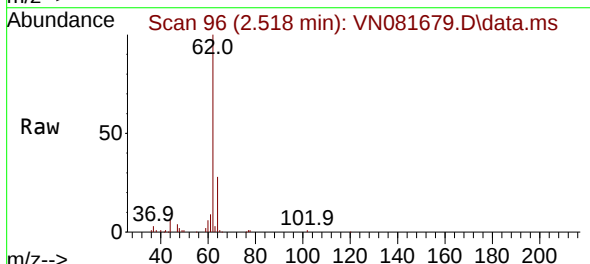
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

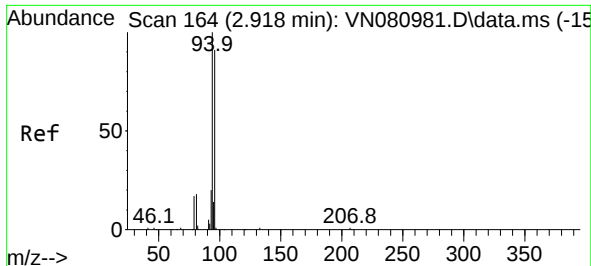
Tgt Ion: 50 Resp: 66285
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0



#4
Vinyl Chloride
Concen: 45.374 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 62 Resp: 67310
Ion Ratio Lower Upper
62 100
64 28.1 24.1 36.1

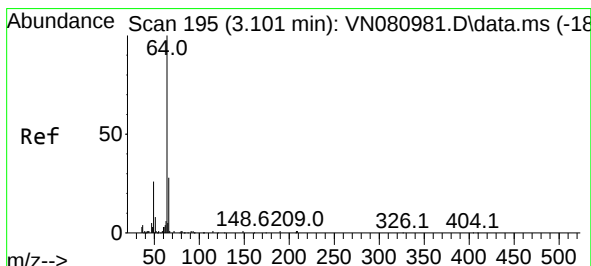
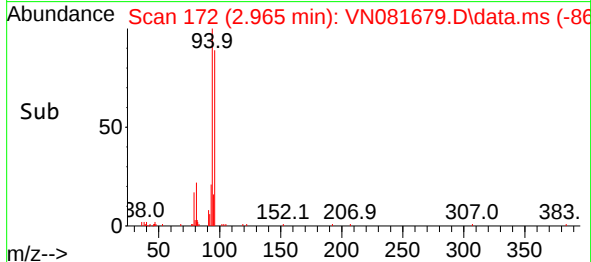
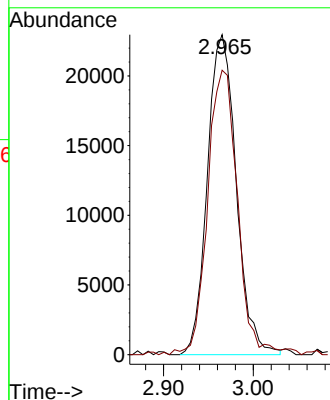
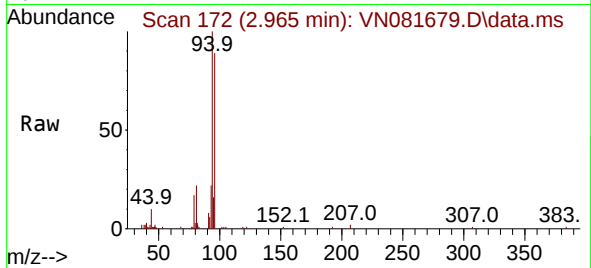




#5
Bromomethane
Concen: 40.905 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

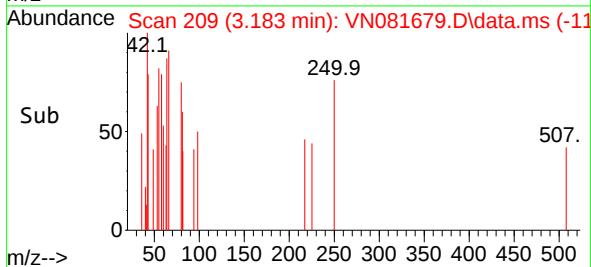
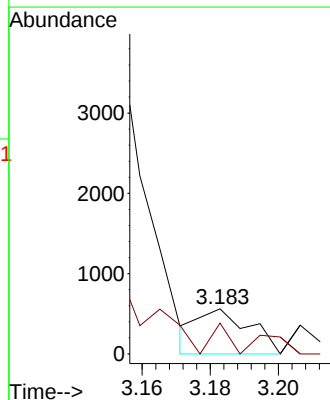
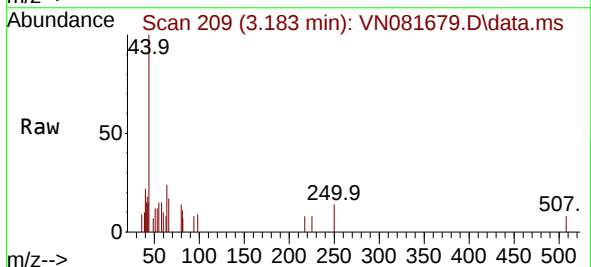
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

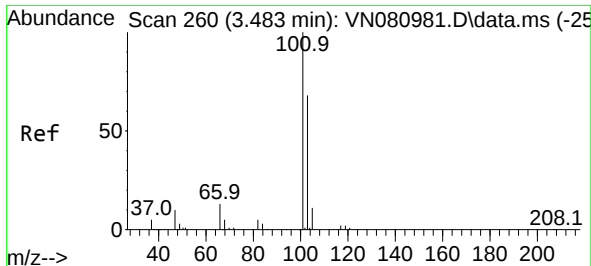
Tgt Ion: 94 Resp: 51390
Ion Ratio Lower Upper
94 100
96 87.8 72.8 109.2



#6
Chloroethane
Concen: 0.519 ug/l
RT: 3.183 min Scan# 209
Delta R.T. 0.059 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 64 Resp: 603
Ion Ratio Lower Upper
64 100
66 31.0 26.7 40.1

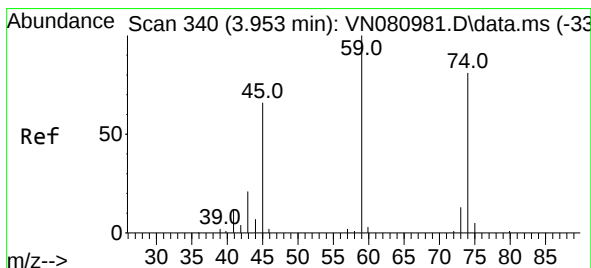
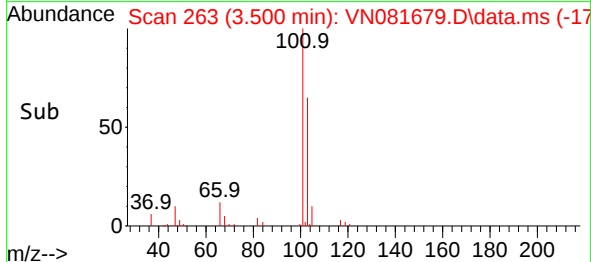
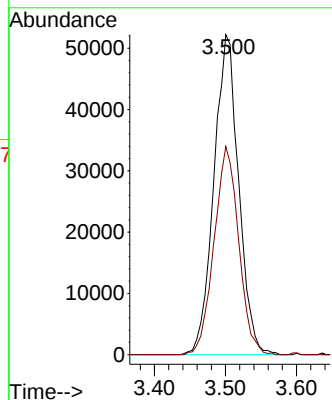
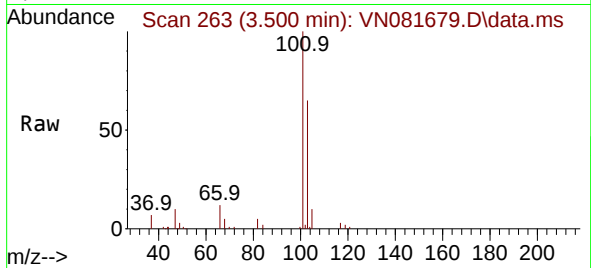




#7
Trichlorofluoromethane
Concen: 51.874 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

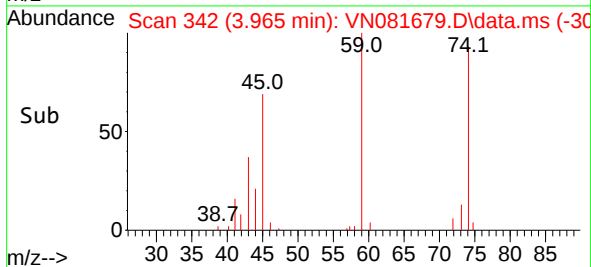
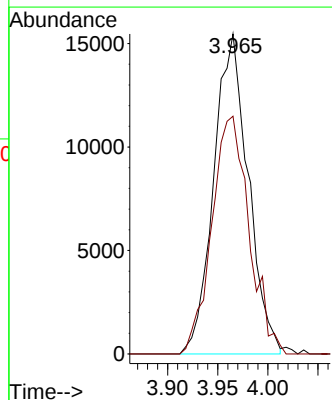
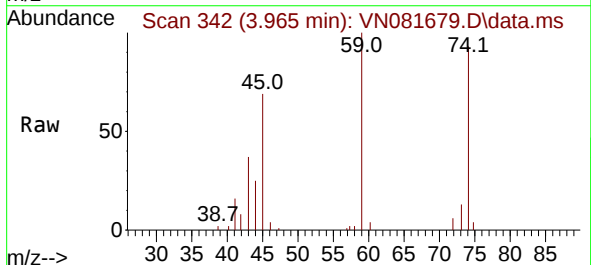
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

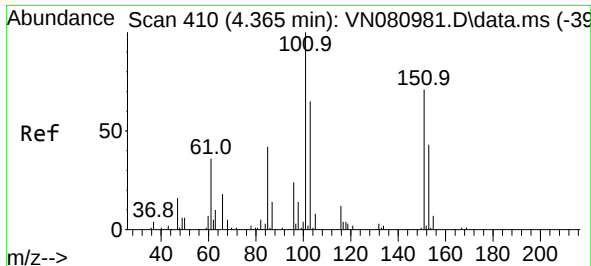
Tgt Ion:101 Resp: 126385
Ion Ratio Lower Upper
101 100
103 65.1 53.0 79.4



#8
Diethyl Ether
Concen: 40.655 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 74 Resp: 36930
Ion Ratio Lower Upper
74 100
45 79.0 16.4 147.4

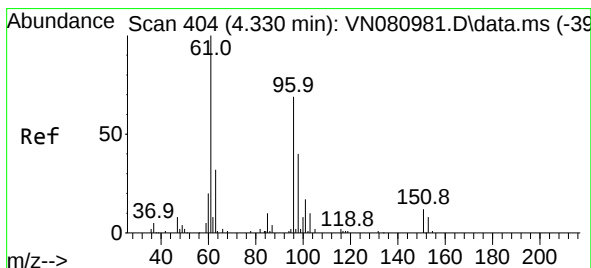
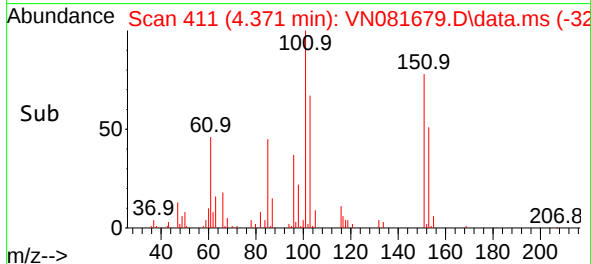
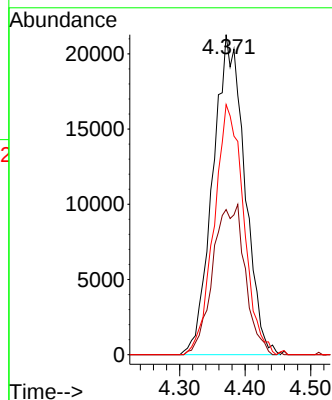
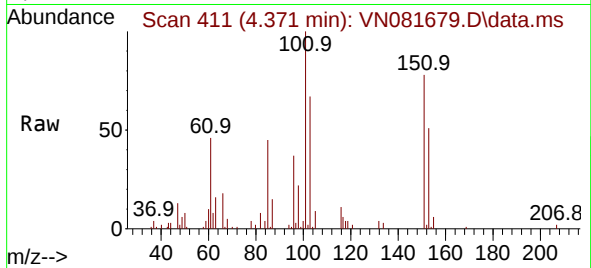




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.886 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

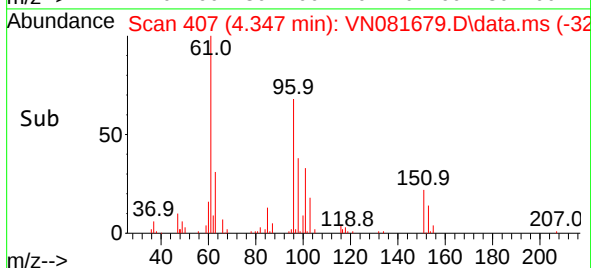
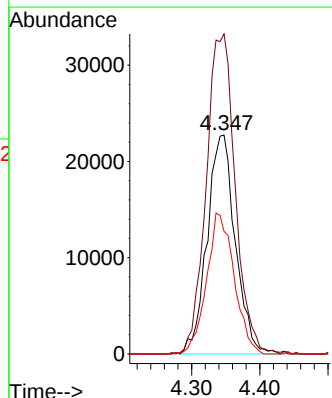
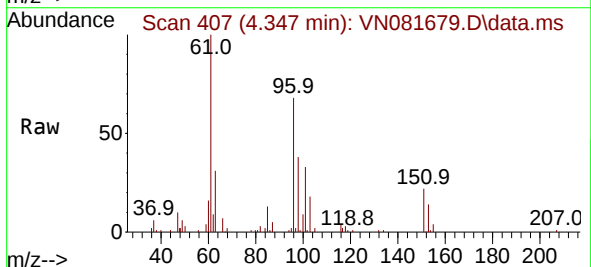
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

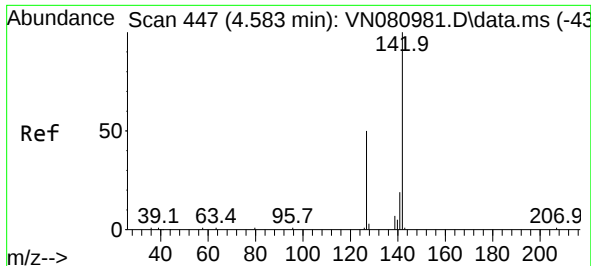
Tgt Ion:101 Resp: 71663
Ion Ratio Lower Upper
101 100
85 27.5 0.0 90.6
151 72.4 0.0 157.6



#10
1,1-Dichloroethene
Concen: 44.851 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 96 Resp: 65480
Ion Ratio Lower Upper
96 100
61 146.1 117.6 176.4
98 56.0 48.4 72.6

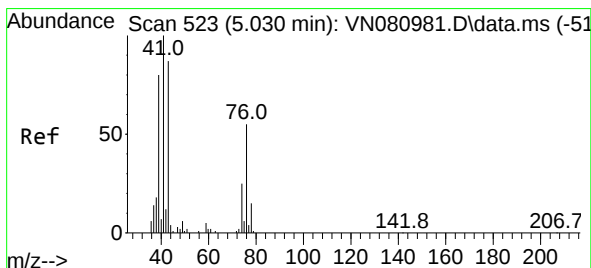
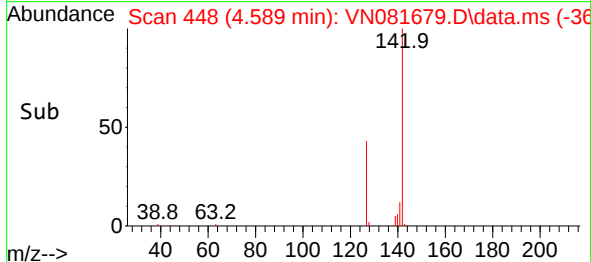
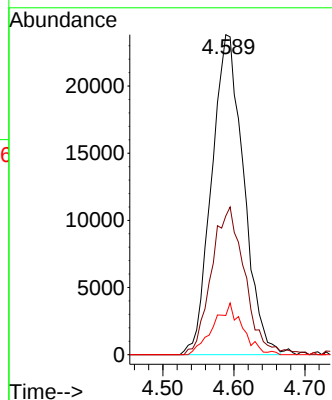
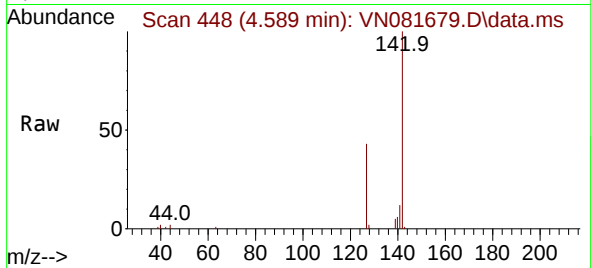




#11
Methyl Iodide
Concen: 42.773 ug/l
RT: 4.589 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

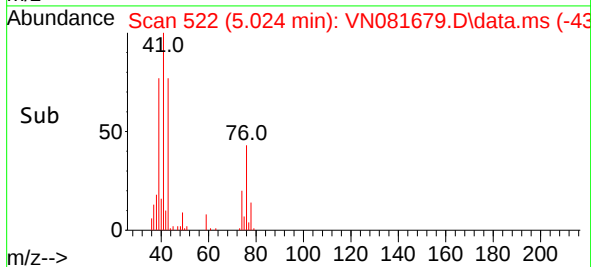
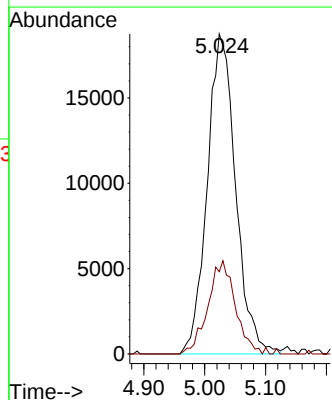
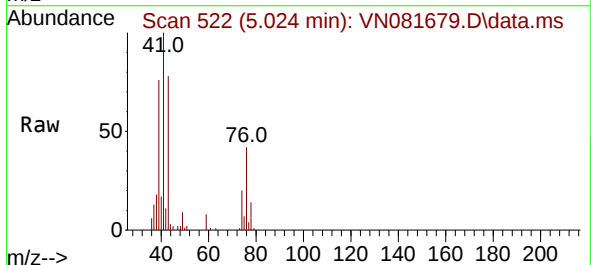
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

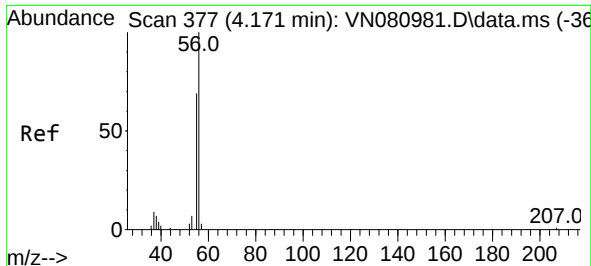
Tgt Ion:142 Resp: 74275
Ion Ratio Lower Upper
142 100
127 43.0 26.3 78.9
141 12.3 8.3 24.9



#12
Methyl Acetate
Concen: 43.211 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 43 Resp: 60738
Ion Ratio Lower Upper
43 100
74 25.8 27.7 41.5#





#13

Acrolein

Concen: 0.853 ug/l

RT: 4.383 min Scan# 413

Delta R.T. 0.200 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

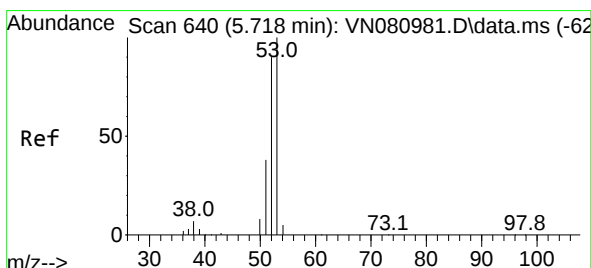
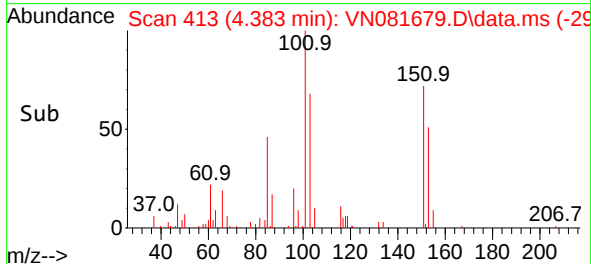
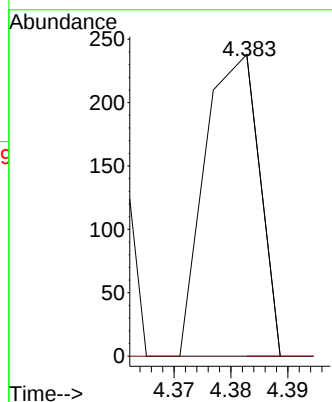
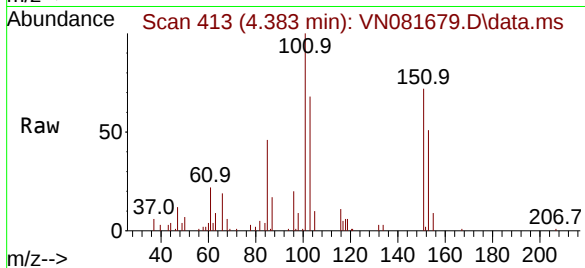
VSTDICCC020

Tgt Ion: 56 Resp: 158

Ion Ratio Lower Upper

56 100

55 73.4 55.5 83.3



#14

Acrylonitrile

Concen: 217.580 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

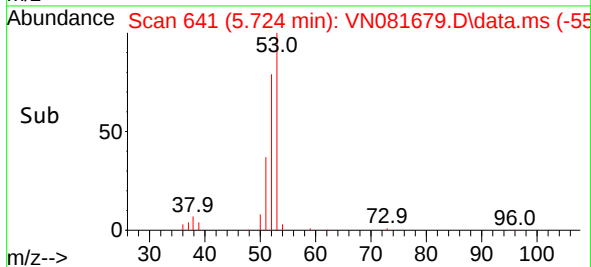
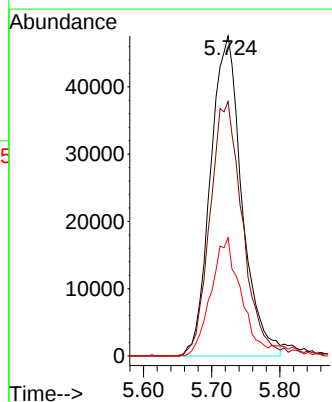
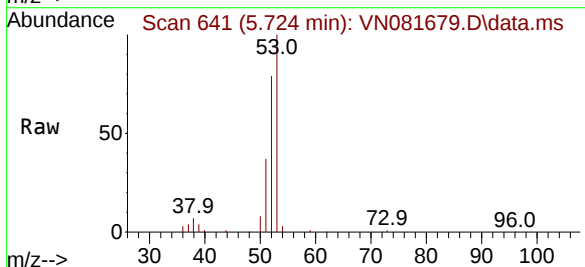
Tgt Ion: 53 Resp: 152399

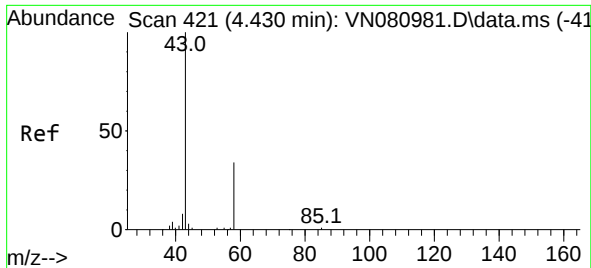
Ion Ratio Lower Upper

53 100

52 81.7 41.3 123.9

51 35.1 16.8 50.3

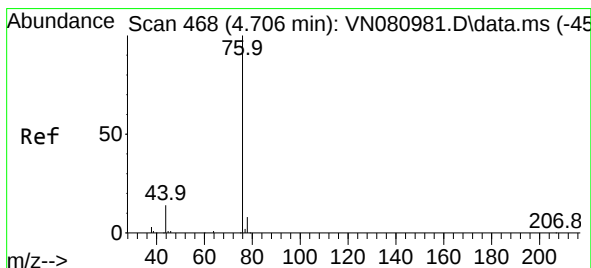
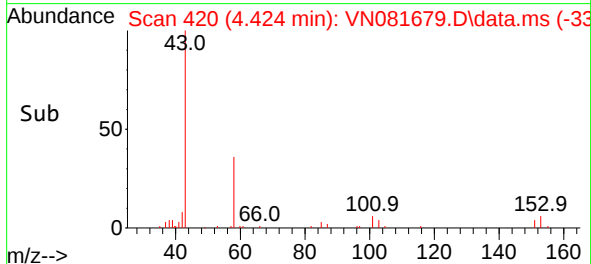
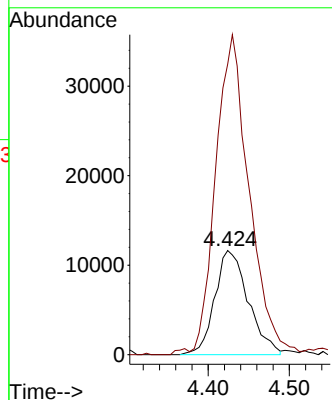
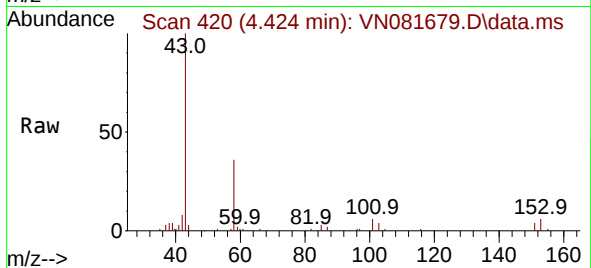




#15
Acetone
Concen: 216.134 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

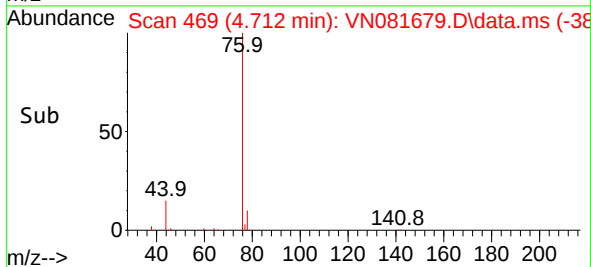
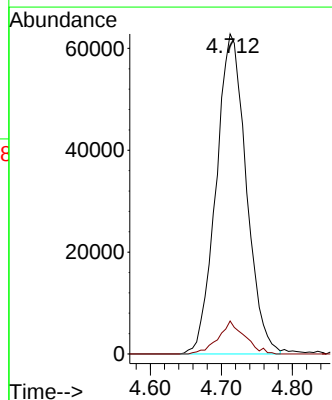
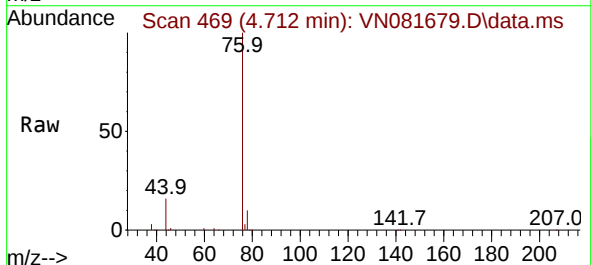
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

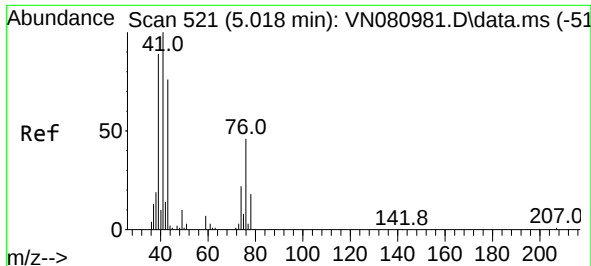
Tgt Ion: 58 Resp: 33378
Ion Ratio Lower Upper
58 100
43 275.0 223.1 334.7



#16
Carbon Disulfide
Concen: 42.484 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 76 Resp: 185125
Ion Ratio Lower Upper
76 100
78 10.3 6.3 9.5#





#17

Allyl chloride

Concen: 41.101 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

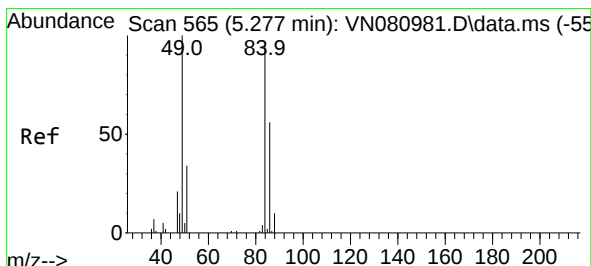
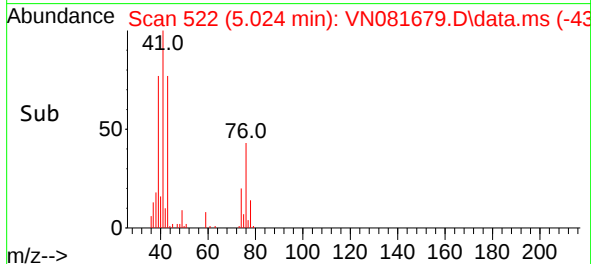
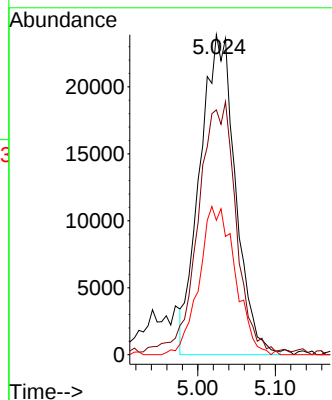
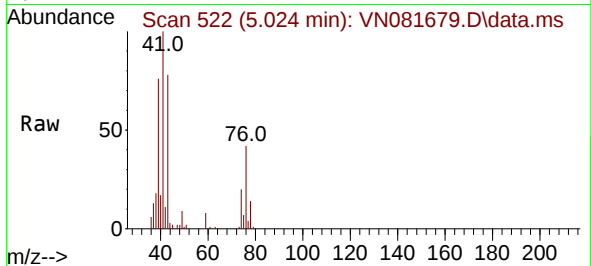
Tgt Ion: 41 Resp: 76192

Ion Ratio Lower Upper

41 100

39 75.9 37.6 112.9

76 42.4 27.8 83.4



#18

Methylene Chloride

Concen: 42.314 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.006 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

Tgt Ion: 84 Resp: 74665

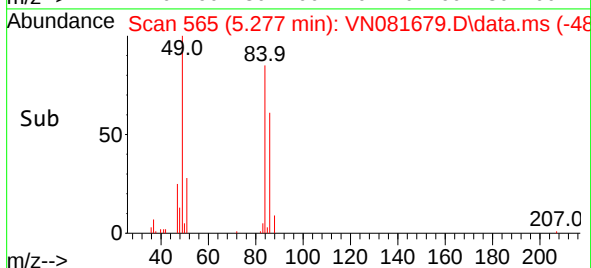
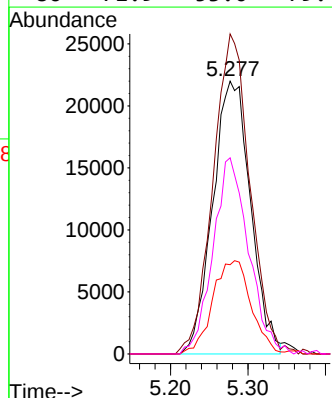
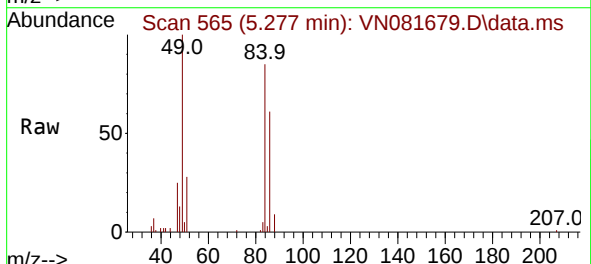
Ion Ratio Lower Upper

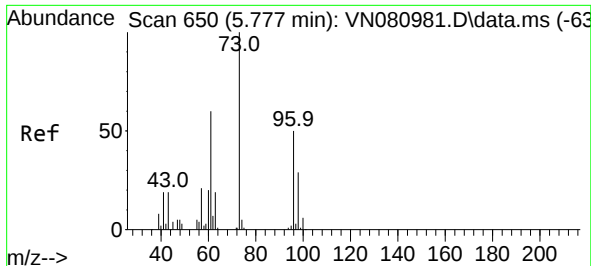
84 100

49 115.6 86.0 129.0

51 32.7 30.0 45.0

86 71.9 53.0 79.4

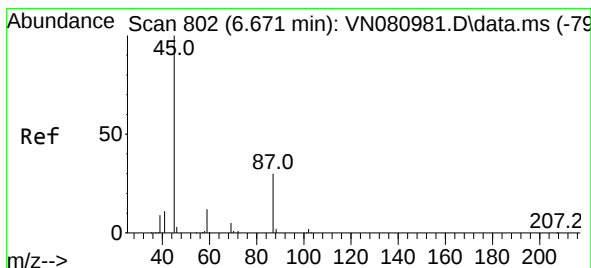
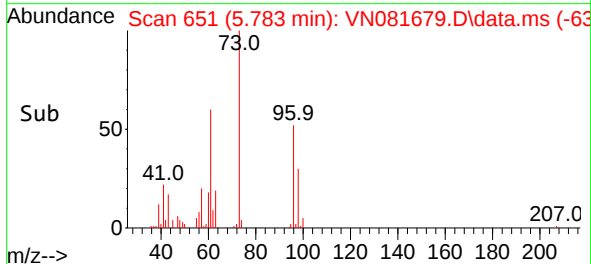
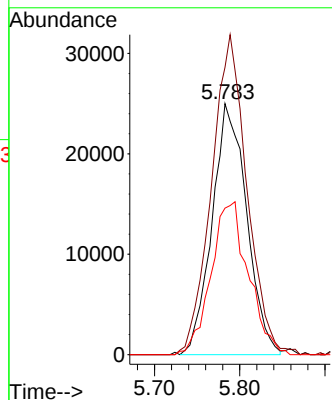
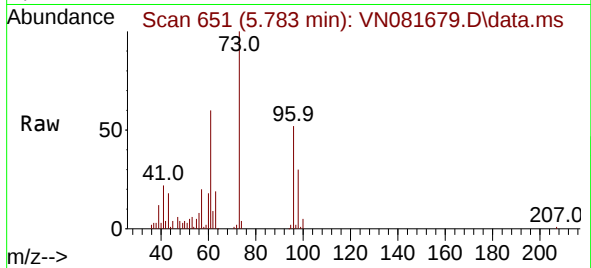




#19
trans-1,2-Dichloroethene
Concen: 41.894 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

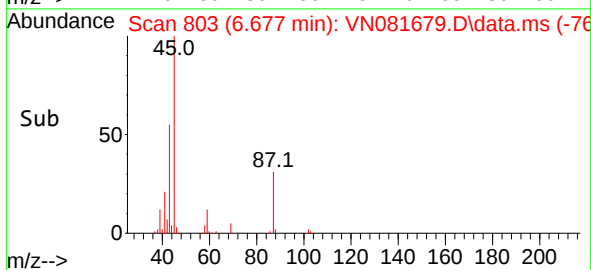
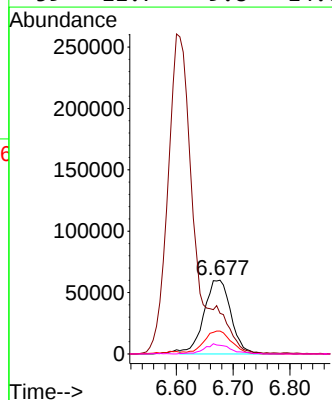
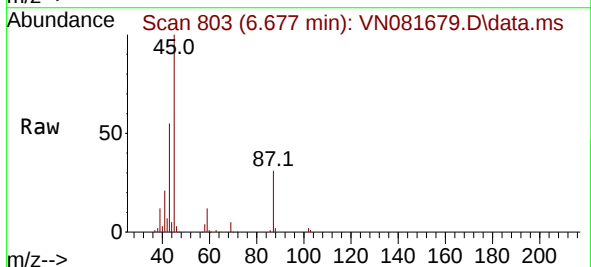
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

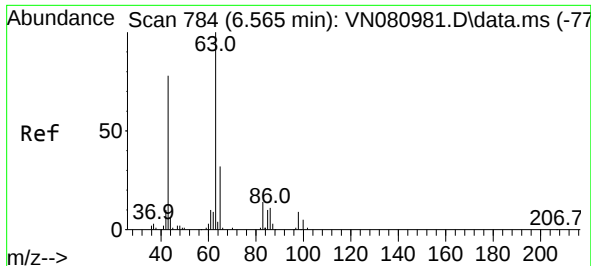
Tgt Ion: 96 Resp: 70402
Ion Ratio Lower Upper
96 100
61 112.7 111.8 167.6
98 57.1 49.2 73.8



#20
Diisopropyl ether
Concen: 44.693 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 45 Resp: 197895
Ion Ratio Lower Upper
45 100
43 54.3 40.4 60.6
87 31.2 23.8 35.8
59 11.7 9.8 14.6

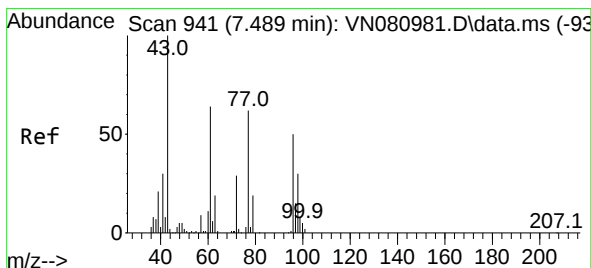
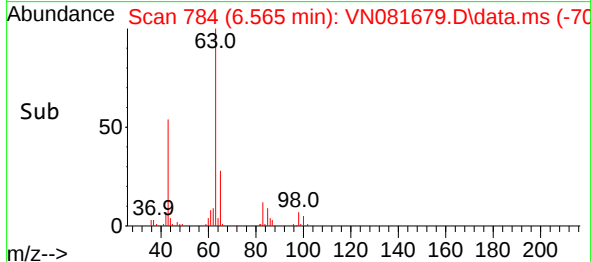
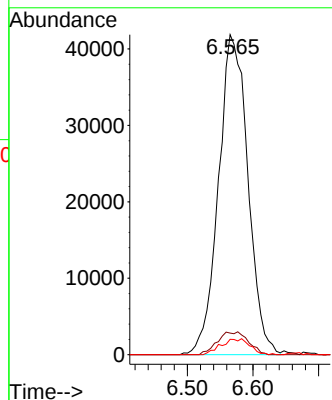
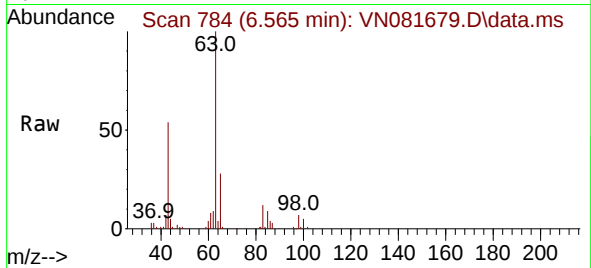




#21
1,1-Dichloroethane
Concen: 44.257 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

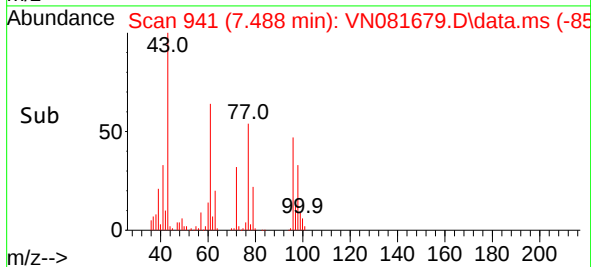
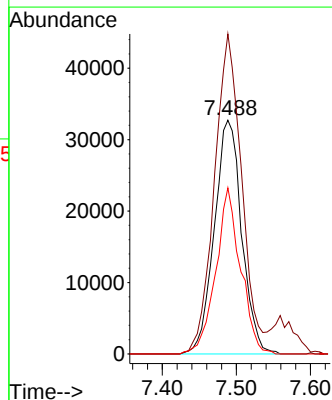
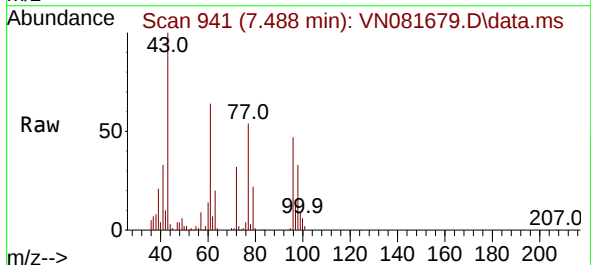
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

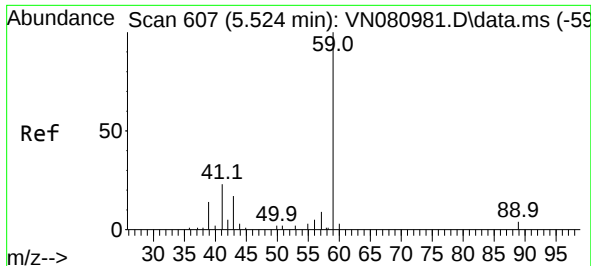
Tgt Ion: 63 Resp: 130229
Ion Ratio Lower Upper
63 100
98 6.7 4.1 12.3
100 4.8 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 41.395 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 96 Resp: 84002
Ion Ratio Lower Upper
96 100
61 135.5 113.5 170.3
98 64.3 52.0 78.0

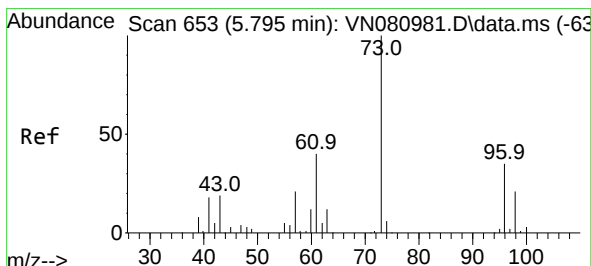
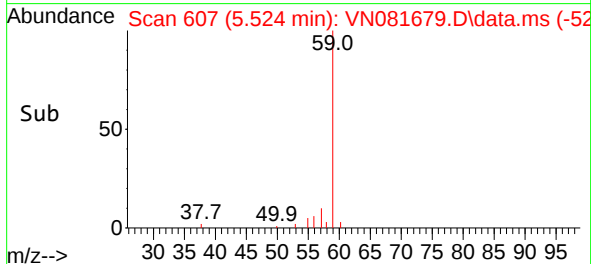
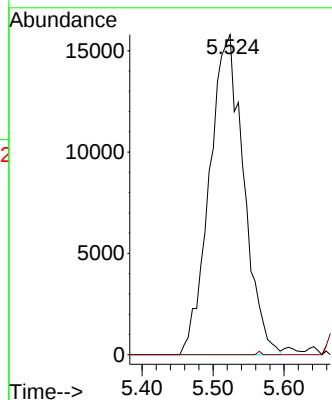
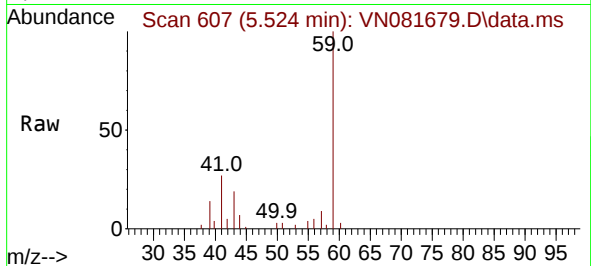




#23
tert-Butyl Alcohol
Concen: 212.419 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

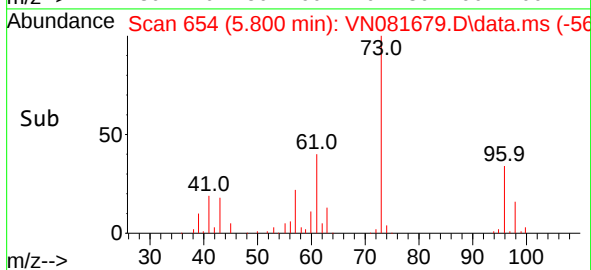
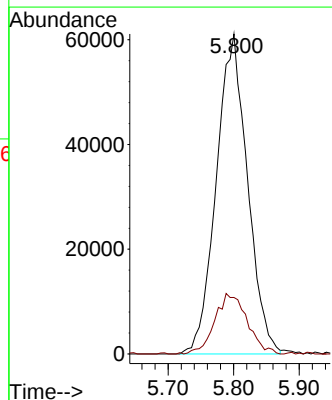
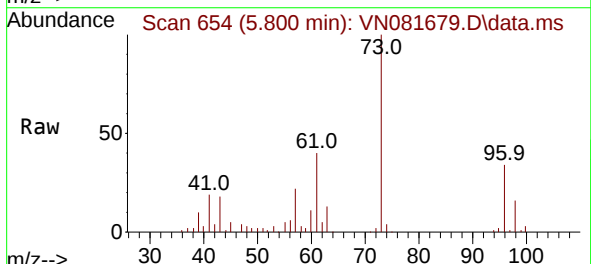
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

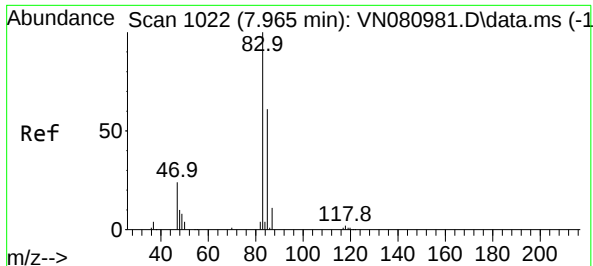
Tgt Ion: 59 Resp: 52817
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 42.132 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 73 Resp: 201924
Ion Ratio Lower Upper
73 100
43 19.1 13.4 20.2





#25

Chloroform

Concen: 45.022 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

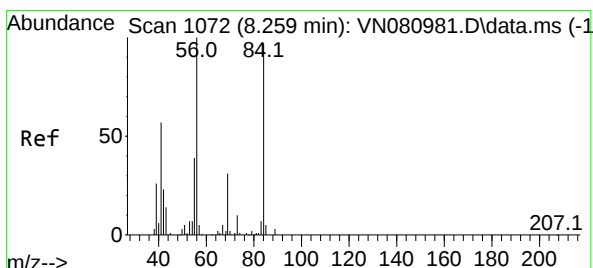
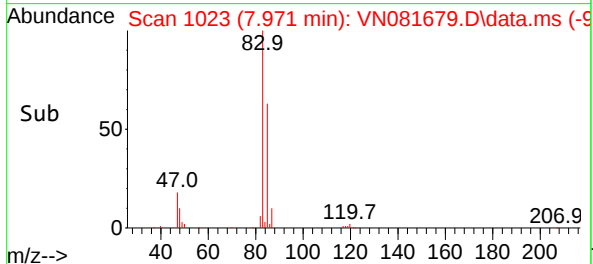
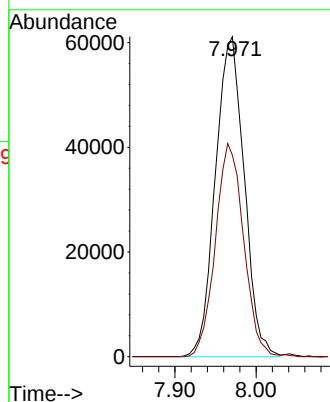
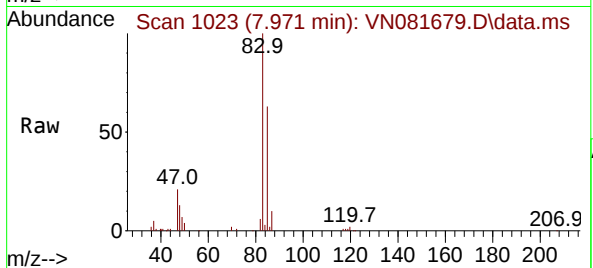
VSTDICCC020

Tgt Ion: 83 Resp: 150734

Ion Ratio Lower Upper

83 100

85 63.0 50.9 76.3



#26

Cyclohexane

Concen: 42.626 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

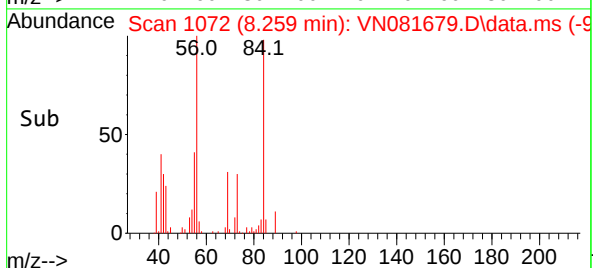
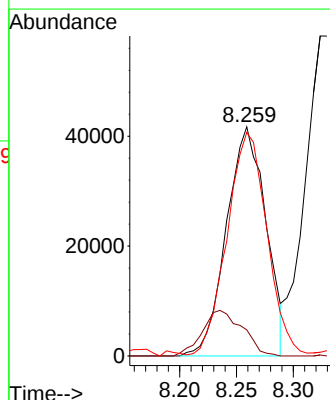
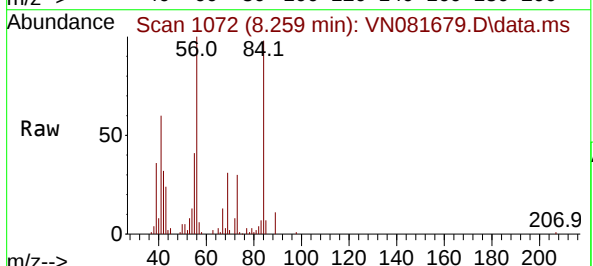
Tgt Ion: 56 Resp: 100552

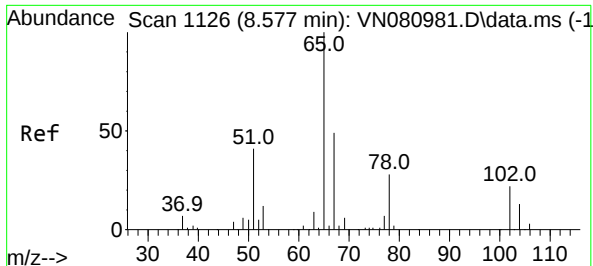
Ion Ratio Lower Upper

56 100

89 20.3 19.3 28.9

84 99.0 71.3 106.9

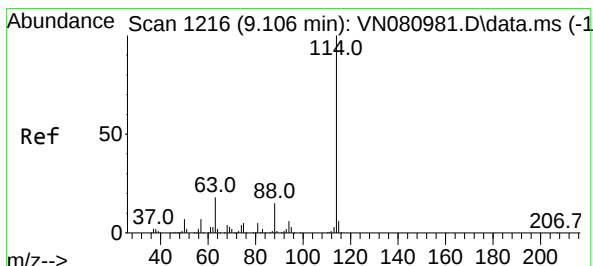
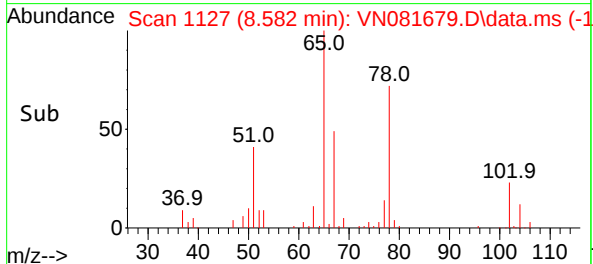
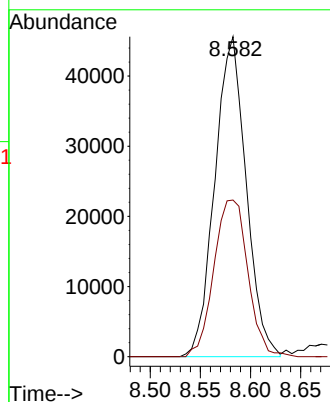
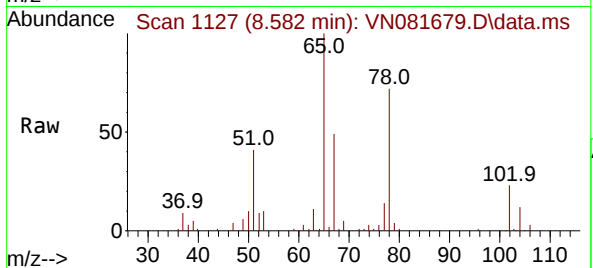




#27
 1,2-Dichloroethane-d4
 Concen: 67.728 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN081679.D
 Acq: 10 Apr 2024 13:37

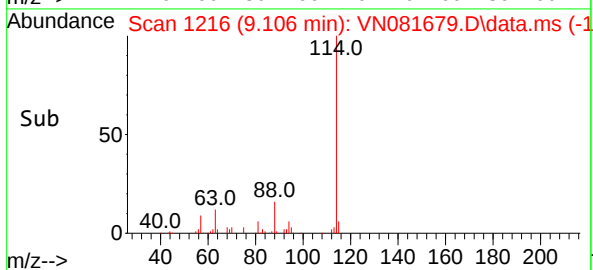
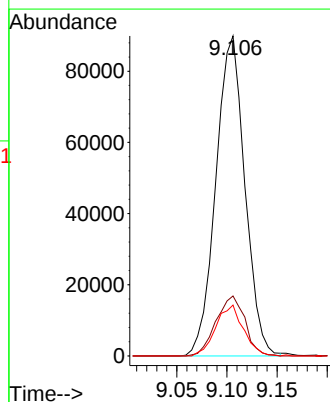
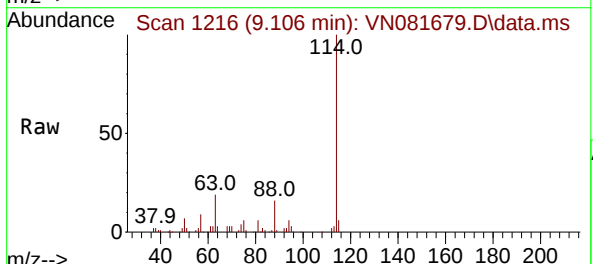
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

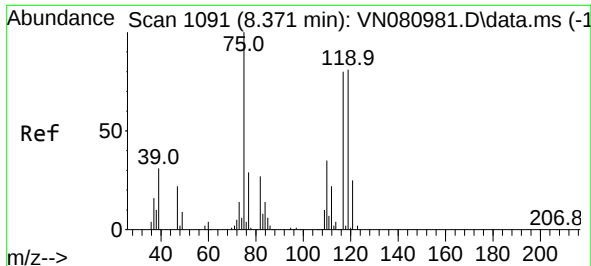
Tgt Ion: 65 Resp: 99014
 Ion Ratio Lower Upper
 65 100
 67 52.8 43.2 64.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: VN081679.D
 Acq: 10 Apr 2024 13:37

Tgt Ion: 114 Resp: 180909
 Ion Ratio Lower Upper
 114 100
 63 18.7 15.9 23.9
 88 15.1 12.7 19.1

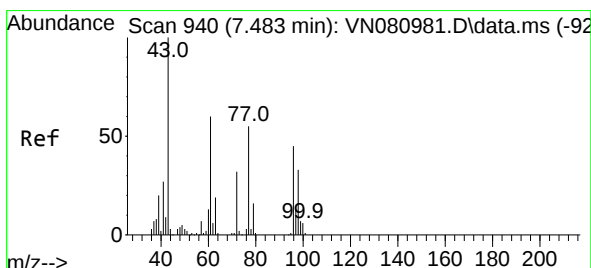
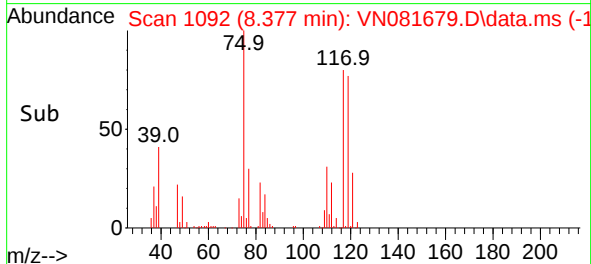
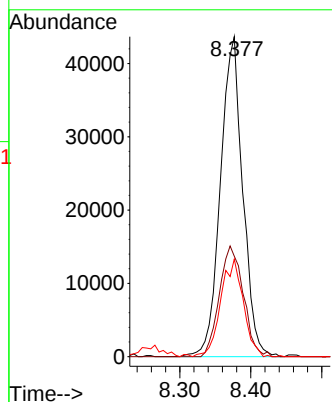
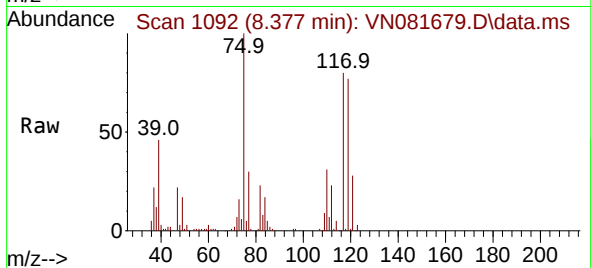




#29
1,1-Dichloropropene
Concen: 20.014 ug/l
RT: 8.377 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

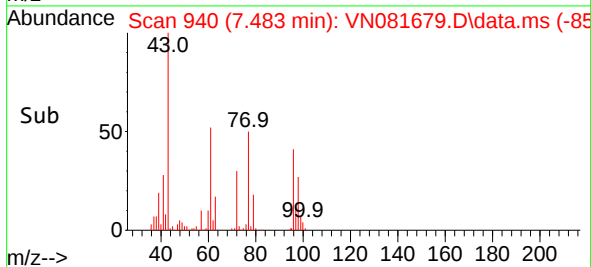
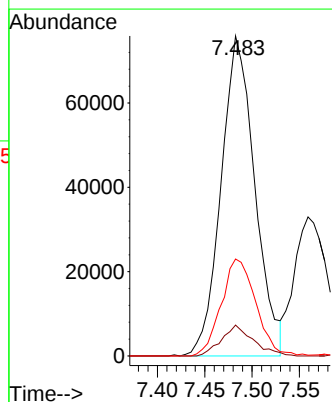
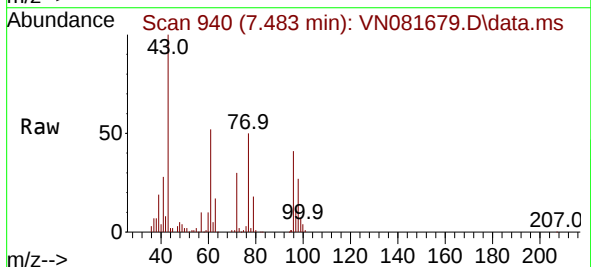
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

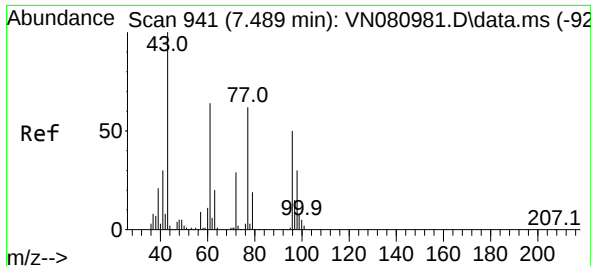
Tgt Ion: 75 Resp: 95190
Ion Ratio Lower Upper
75 100
110 36.9 0.0 70.2
77 30.8 0.0 61.4



#30
2-Butanone
Concen: 103.619 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 43 Resp: 188213
Ion Ratio Lower Upper
43 100
57 9.1 6.7 10.1
72 31.0 24.0 36.0

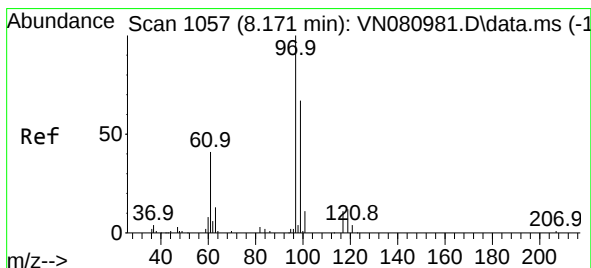
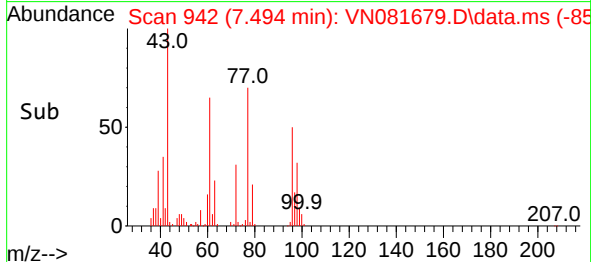
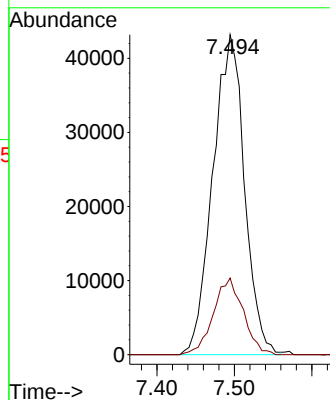
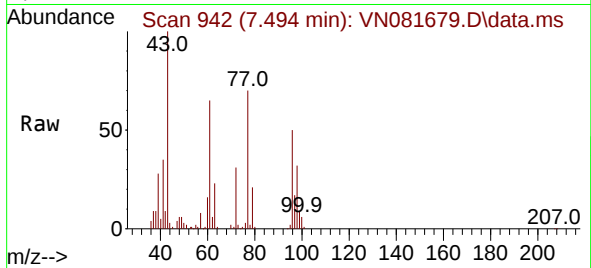




#31
2,2-Dichloropropane
Concen: 20.694 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

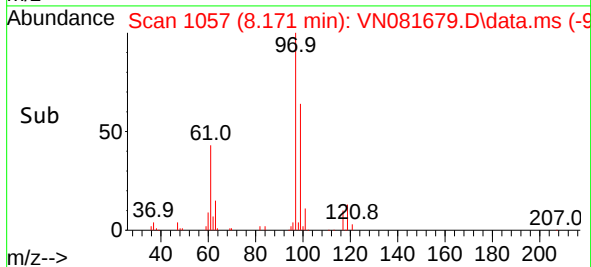
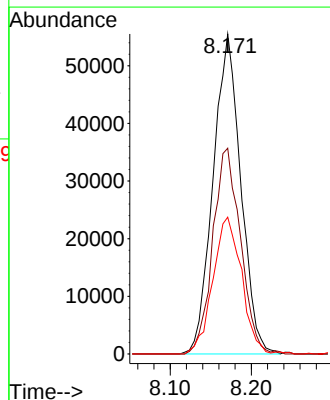
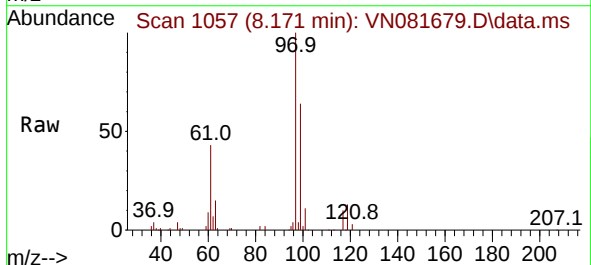
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

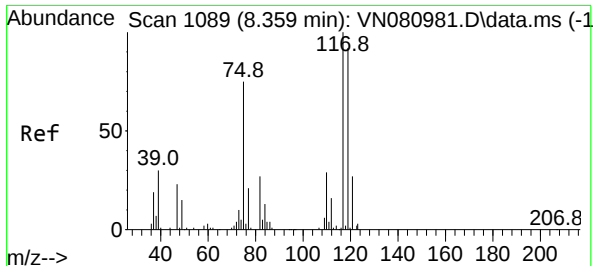
Tgt Ion: 77 Resp: 122596
Ion Ratio Lower Upper
77 100
97 22.4 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 20.070 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

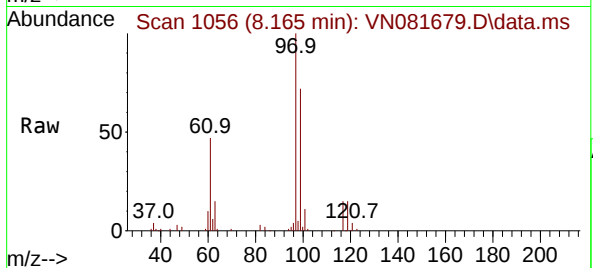
Tgt Ion: 97 Resp: 131561
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 44.2 33.8 50.8



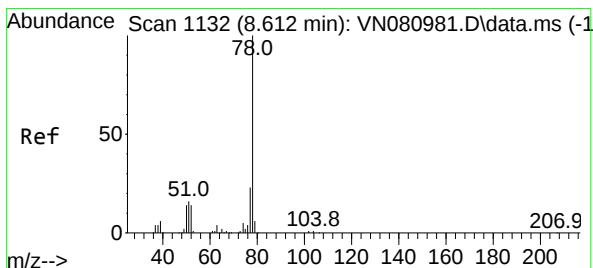
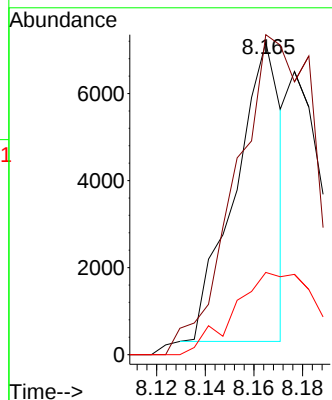
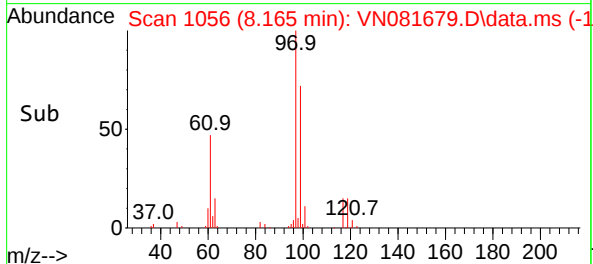


#33
Carbon Tetrachloride
Concen: 1.525 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.200 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

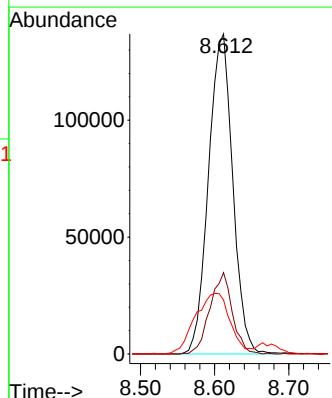
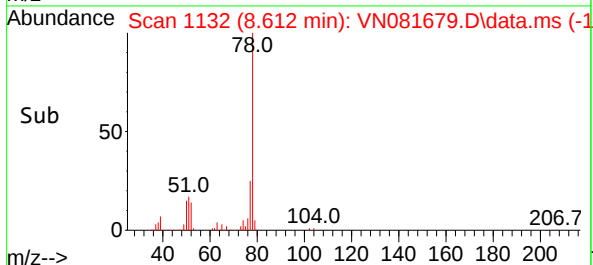
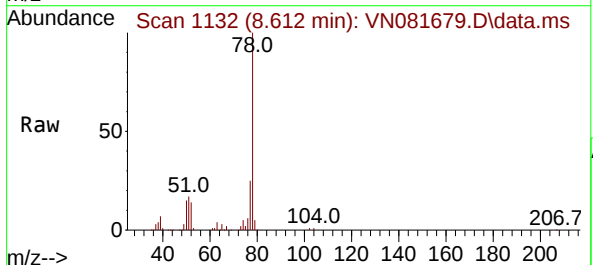


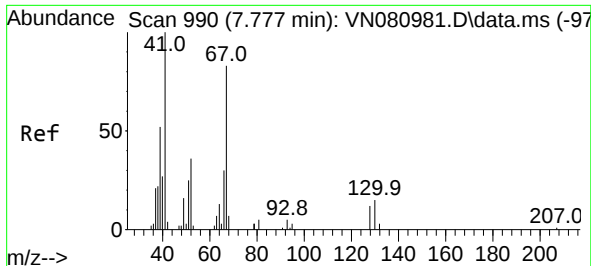
Tgt Ion:117 Resp: 9060
Ion Ratio Lower Upper
117 100
119 98.2 77.7 116.5
121 27.5 27.0 40.6



#34
Benzene
Concen: 20.305 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 78 Resp: 311103
Ion Ratio Lower Upper
78 100
77 25.4 19.2 28.8
51 15.3 13.3 19.9

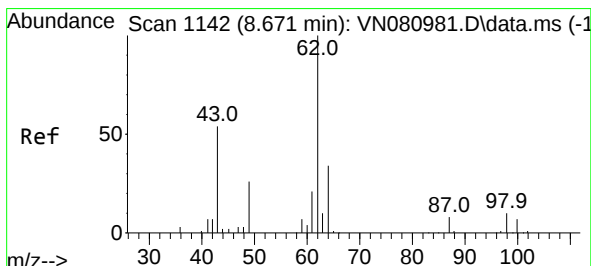
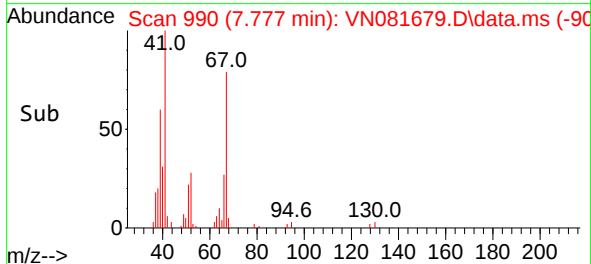
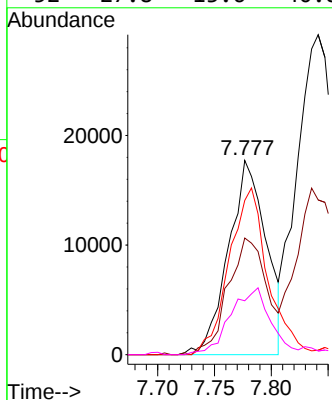
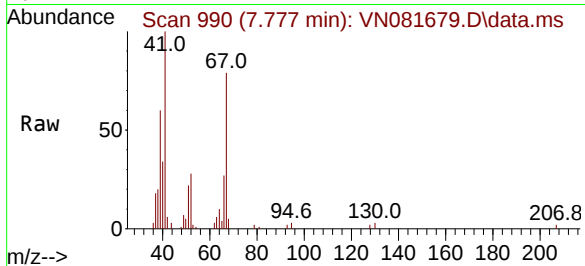




#35
Methacrylonitrile
Concen: 19.907 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

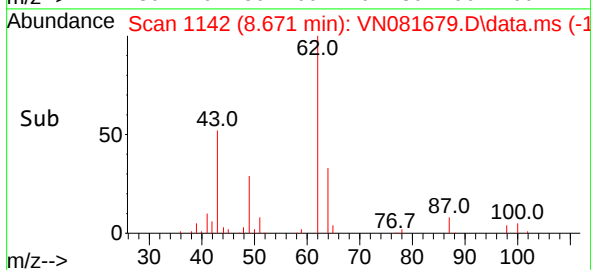
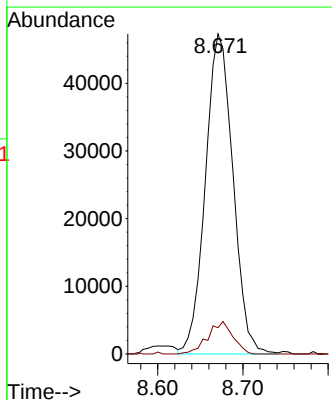
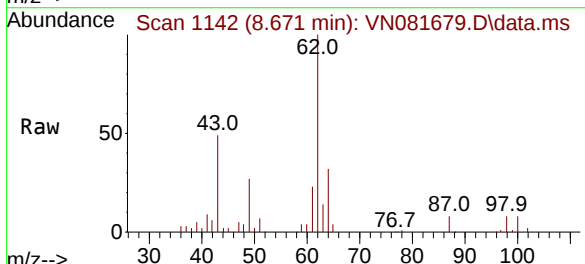
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

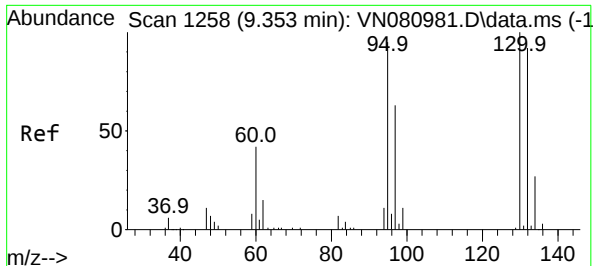
Tgt Ion:	41	Resp:	40956
Ion	Ratio	Lower	Upper
41	100		
39	60.0	25.3	75.9
67	79.4	38.7	116.1
52	27.8	13.6	40.8



#36
1,2-Dichloroethane
Concen: 21.200 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion:	62	Resp:	106537
Ion	Ratio	Lower	Upper
62	100		
98	9.2	8.2	12.4





#37

Trichloroethene

Concen: 19.406 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

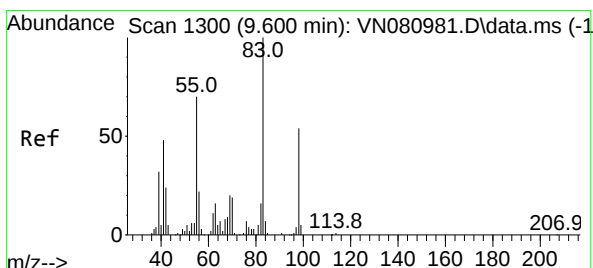
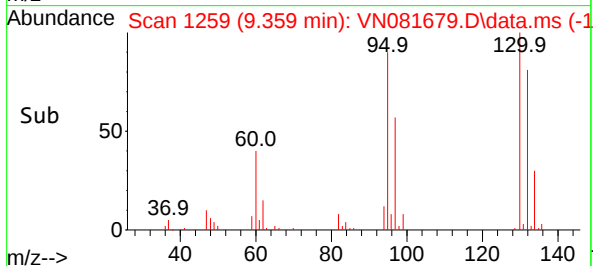
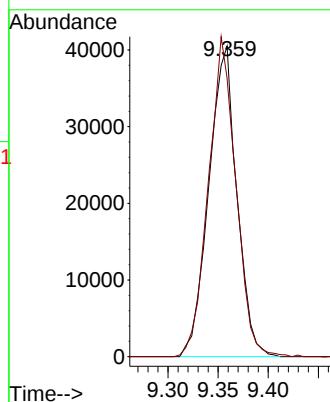
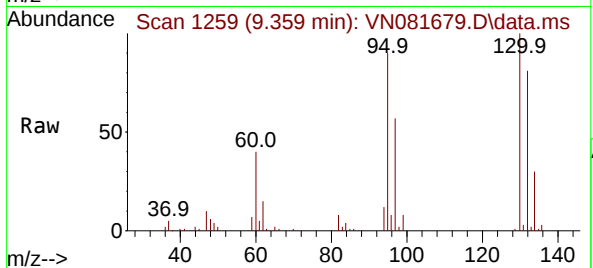
VSTDICCC020

Tgt Ion:130 Resp: 78677

Ion Ratio Lower Upper

130 100

95 89.1 80.2 120.4



#38

Methylcyclohexane

Concen: 18.780 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

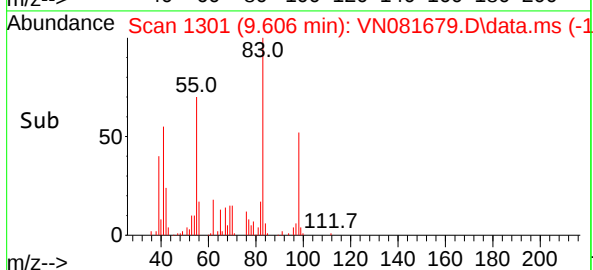
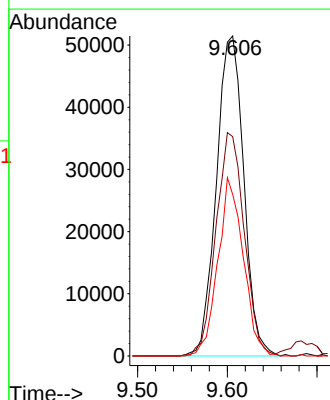
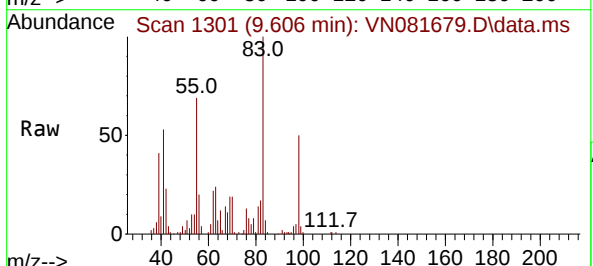
Tgt Ion: 83 Resp: 109173

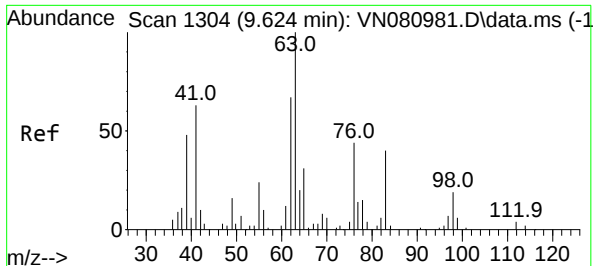
Ion Ratio Lower Upper

83 100

55 71.9 36.6 109.9

98 51.6 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.924 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

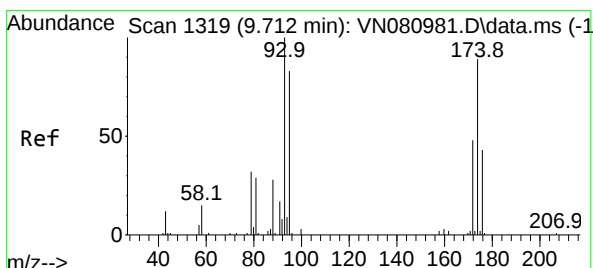
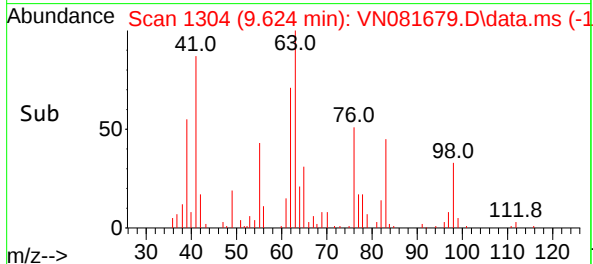
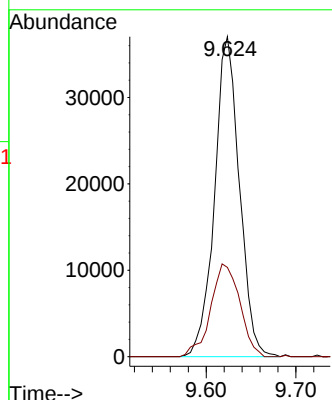
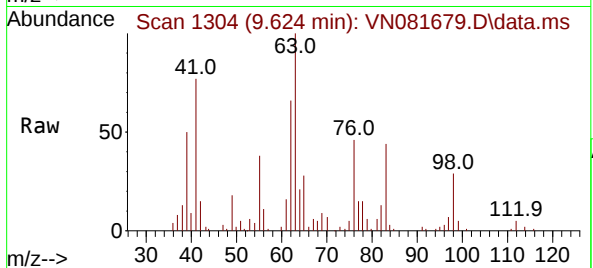
VSTDICCC020

Tgt Ion: 63 Resp: 71217

Ion Ratio Lower Upper

63 100

65 27.9 25.0 37.4



#40

Dibromomethane

Concen: 21.160 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

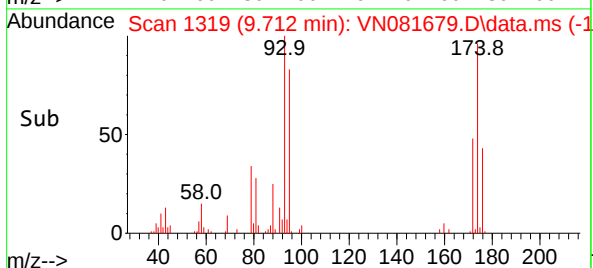
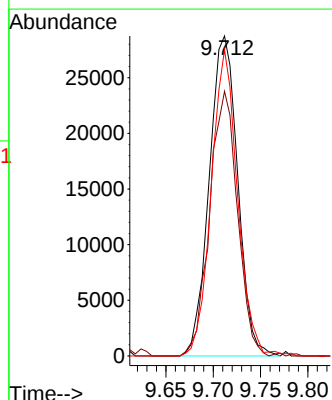
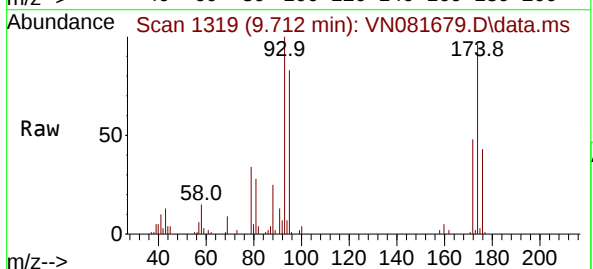
Tgt Ion: 93 Resp: 60248

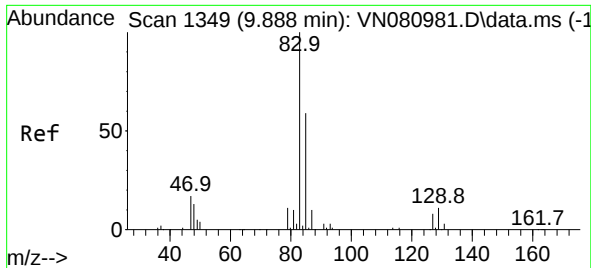
Ion Ratio Lower Upper

93 100

95 80.5 0.0 164.6

174 87.8 0.0 193.2

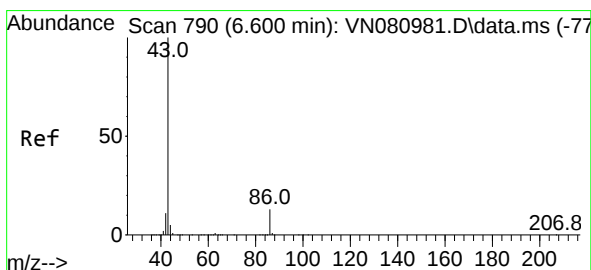
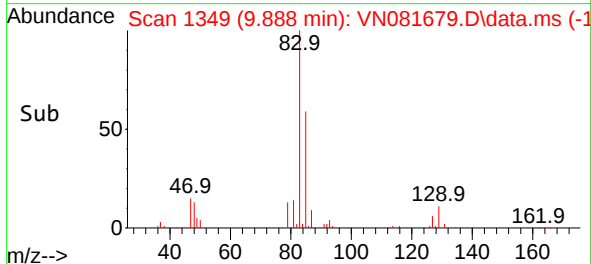
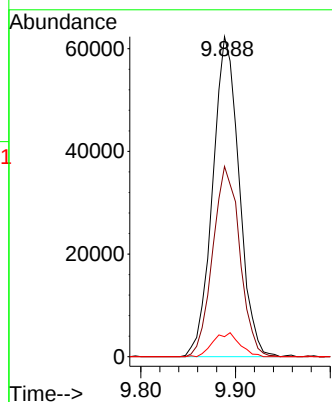
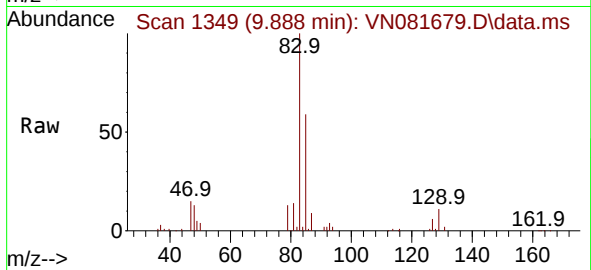




#41
Bromodichloromethane
Concen: 20.813 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

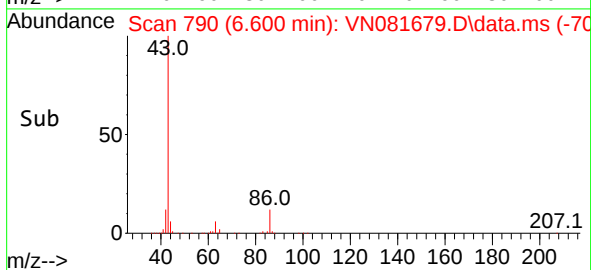
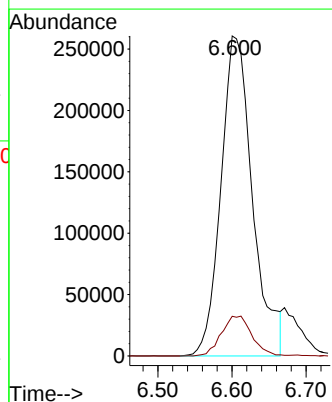
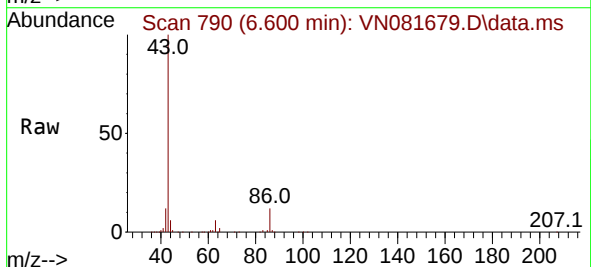
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

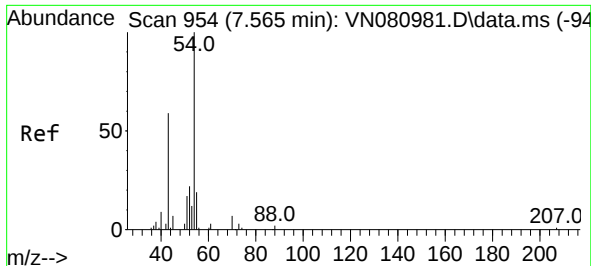
Tgt Ion: 83 Resp: 120843
Ion Ratio Lower Upper
83 100
85 59.4 49.4 74.2
127 6.2 7.3 10.9#



#42
Vinyl Acetate
Concen: 102.119 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 43 Resp: 772713
Ion Ratio Lower Upper
43 100
86 12.0 9.4 14.2

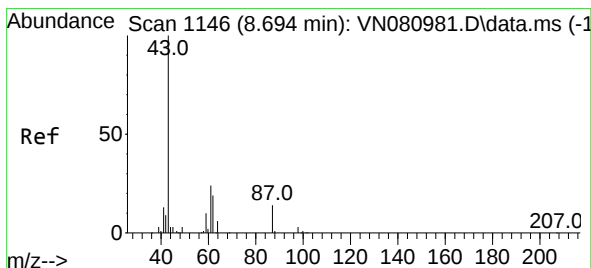
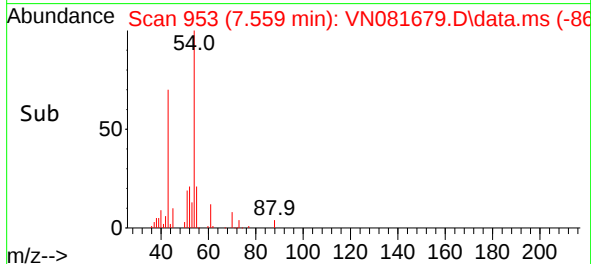
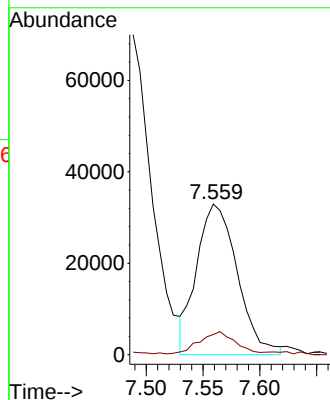
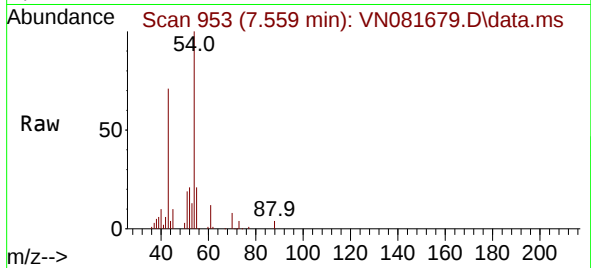




#43
Ethyl Acetate
Concen: 20.448 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

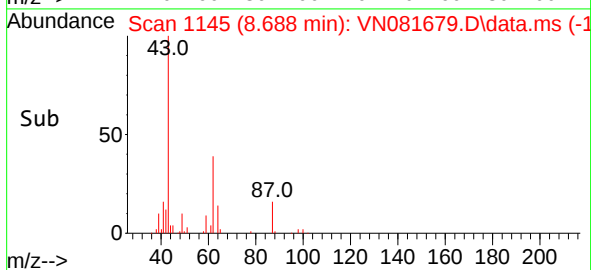
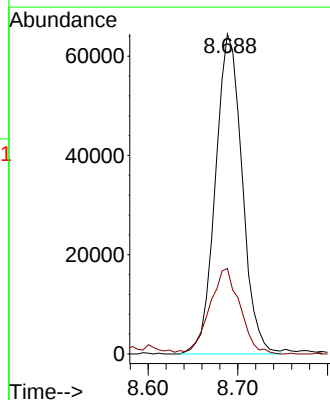
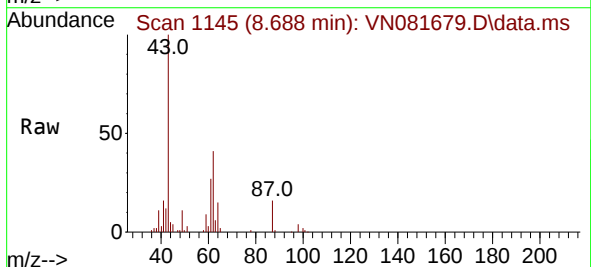
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

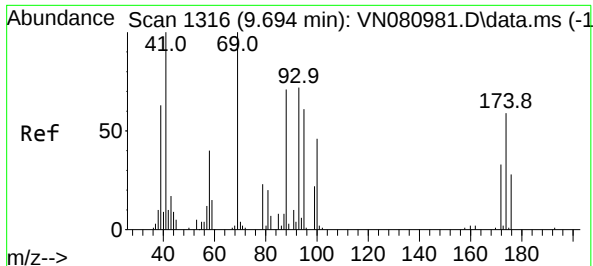
Tgt Ion: 43 Resp: 82107
Ion Ratio Lower Upper
43 100
45 13.8 10.6 15.8



#44
Isopropyl Acetate
Concen: 19.902 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 43 Resp: 133495
Ion Ratio Lower Upper
43 100
61 30.1 25.0 37.4

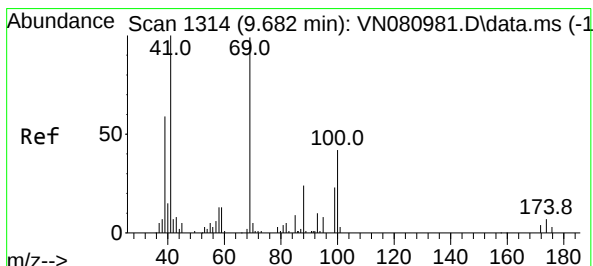
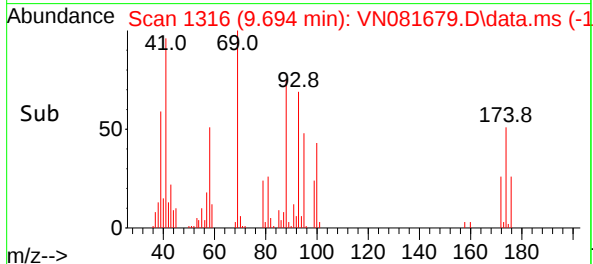
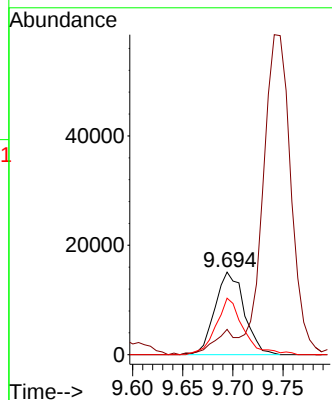
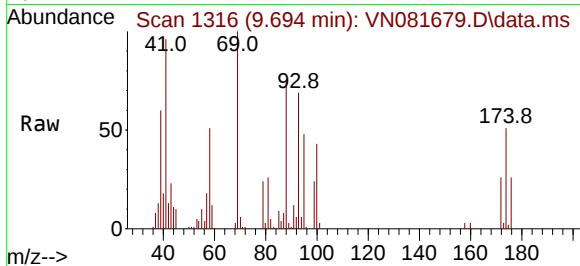




#45
1,4-Dioxane
Concen: 414.739 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

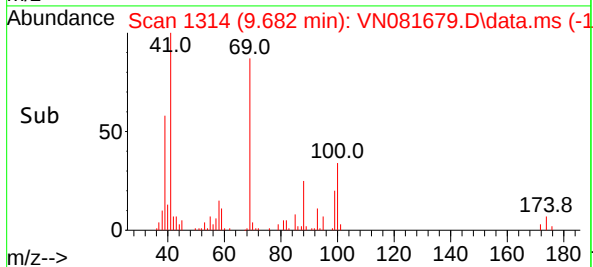
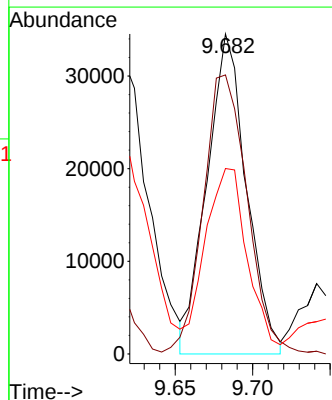
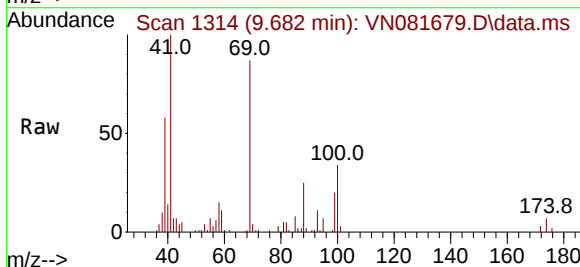
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

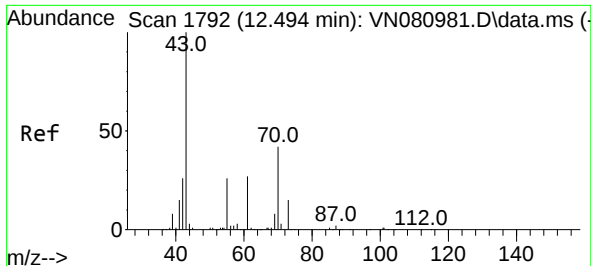
Tgt Ion: 88 Resp: 30709
Ion Ratio Lower Upper
88 100
43 20.4 19.8 29.6
58 62.7 55.4 83.0



#46
Methyl methacrylate
Concen: 20.263 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 41 Resp: 61120
Ion Ratio Lower Upper
41 100
69 86.4 51.1 153.3
39 57.1 25.8 77.3





#47

n-amy1 Acetate

Concen: 18.959 ug/l

RT: 12.500 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

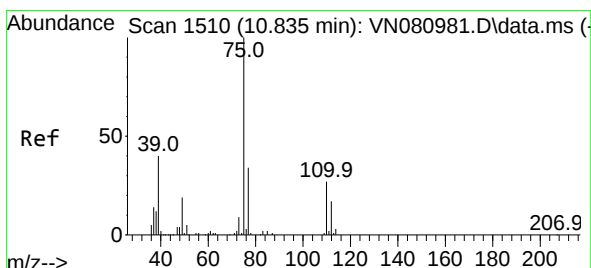
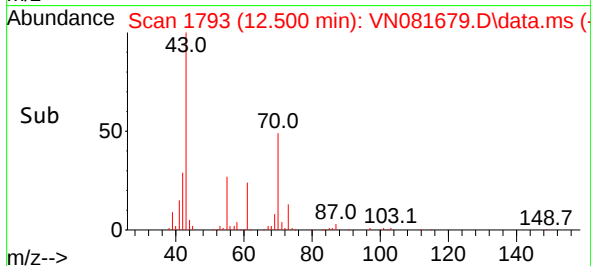
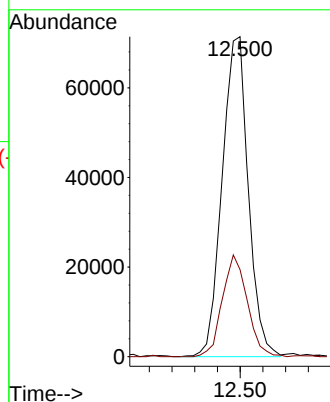
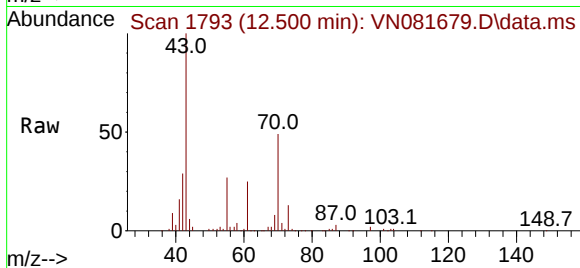
VSTDICCC020

Tgt Ion: 43 Resp: 114113

Ion Ratio Lower Upper

43 100

55 30.3 23.4 35.2



#48

t-1,3-Dichloropropene

Concen: 19.763 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.006 min

Lab File: VN081679.D

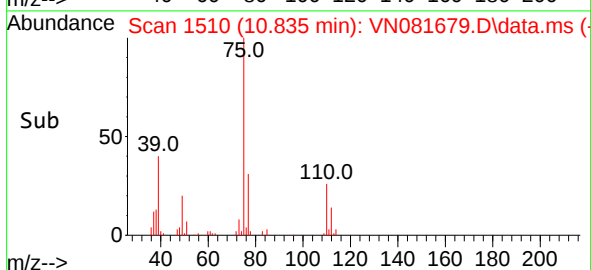
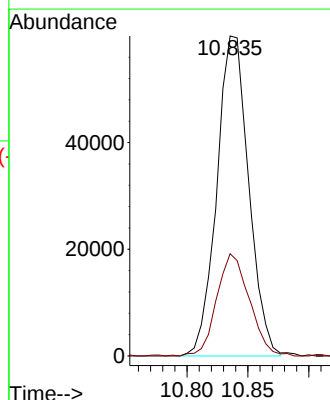
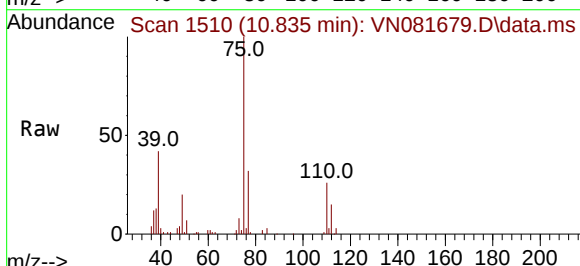
Acq: 10 Apr 2024 13:37

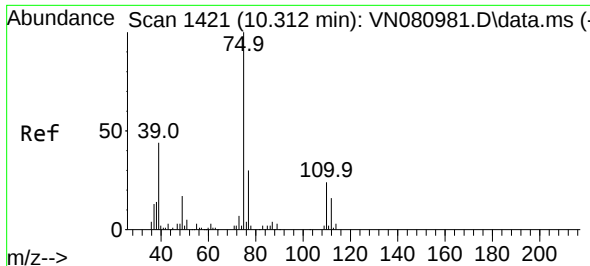
Tgt Ion: 75 Resp: 109321

Ion Ratio Lower Upper

75 100

77 32.0 23.8 35.6

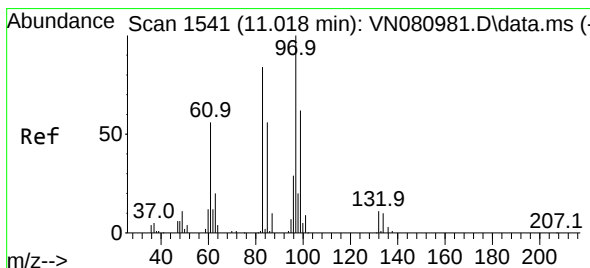
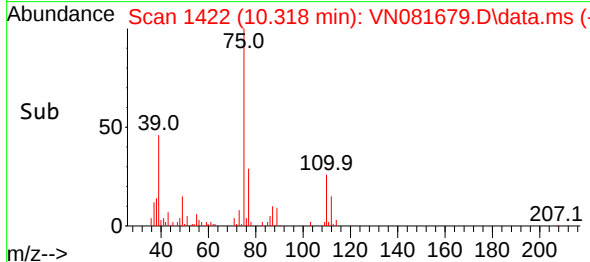
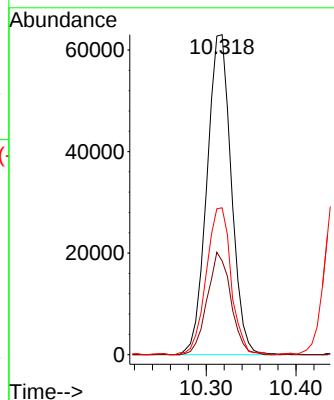
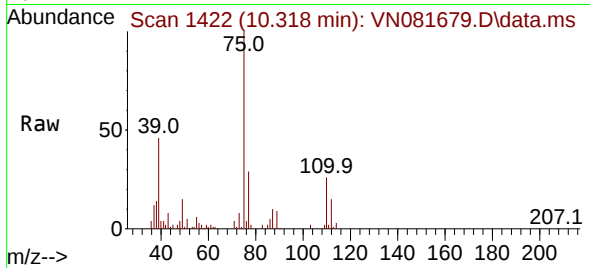




#49
cis-1,3-Dichloropropene
Concen: 19.979 ug/l
RT: 10.318 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

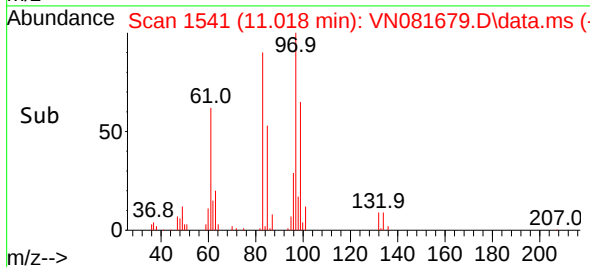
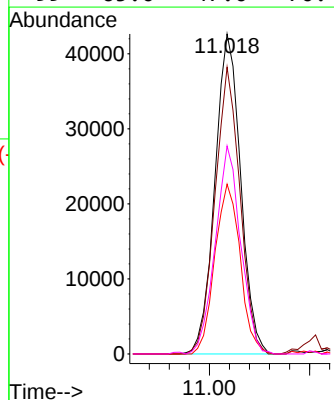
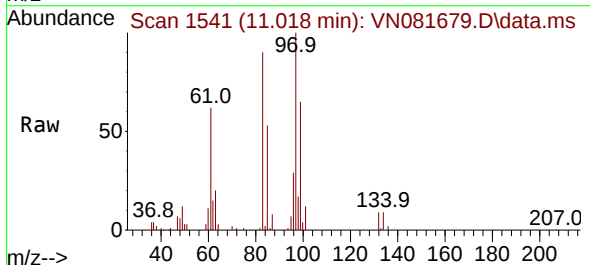
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

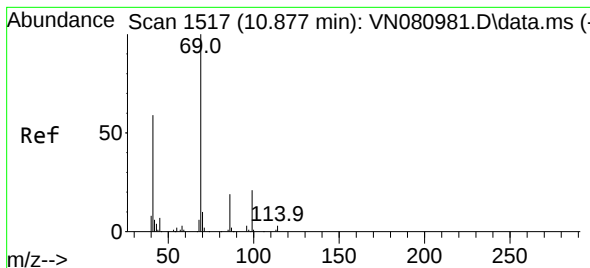
Tgt Ion: 75 Resp: 119015
Ion Ratio Lower Upper
75 100
77 29.3 24.9 37.3
39 45.3 31.0 46.6



#50
1,1,2-Trichloroethane
Concen: 19.935 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 97 Resp: 76002
Ion Ratio Lower Upper
97 100
83 89.6 68.1 102.1
85 53.0 41.8 62.6
99 65.0 47.0 70.4

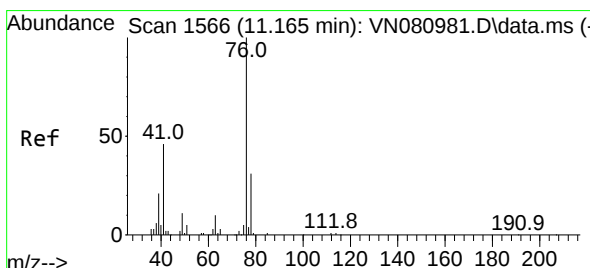
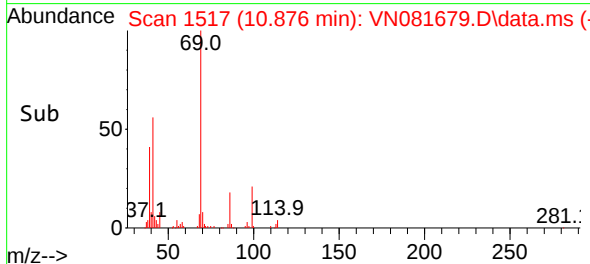
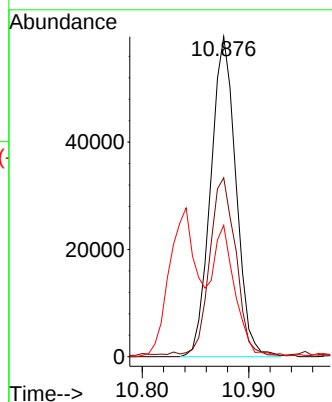
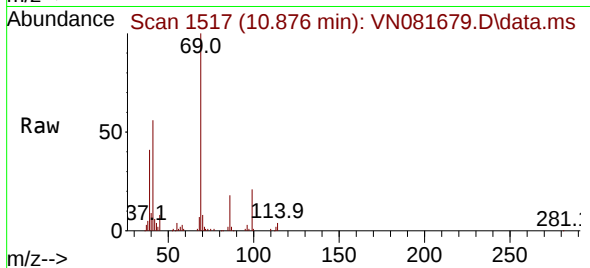




#51
Ethyl methacrylate
Concen: 18.556 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

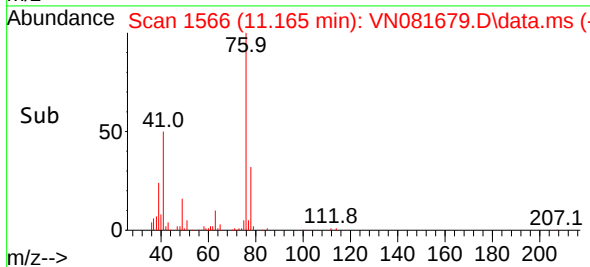
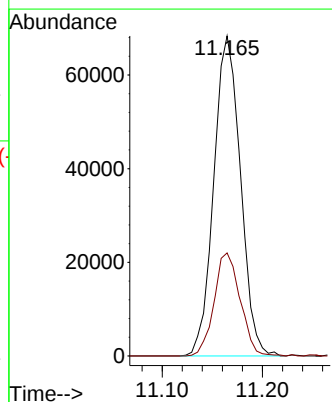
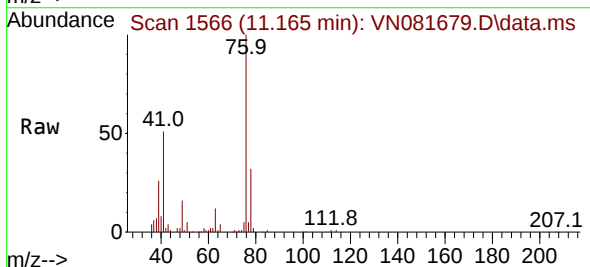
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

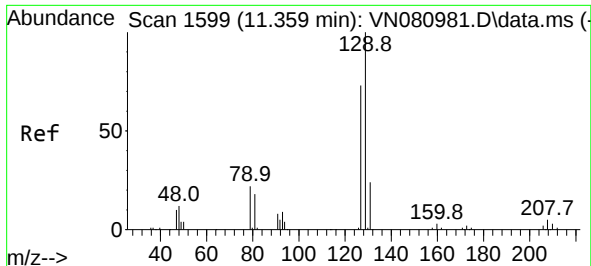
Tgt Ion: 69 Resp: 98502
Ion Ratio Lower Upper
69 100
41 55.4 25.5 76.5
39 40.1 16.0 47.9



#52
1,3-Dichloropropane
Concen: 20.181 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 76 Resp: 126109
Ion Ratio Lower Upper
76 100
78 31.4 0.0 65.8

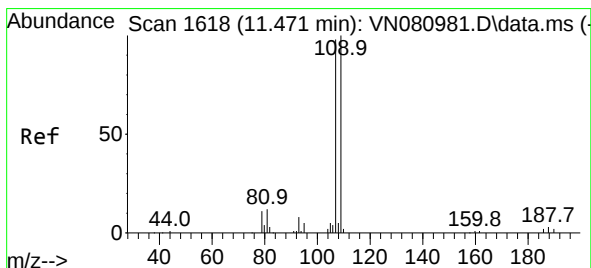
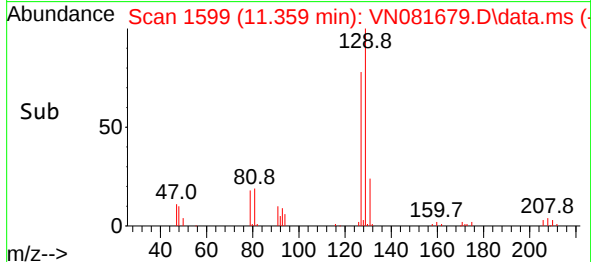
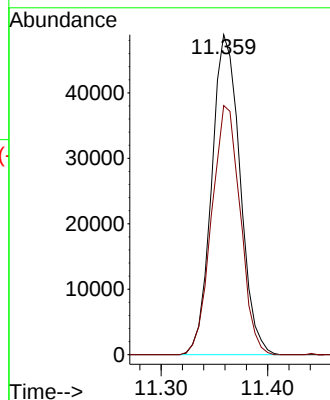
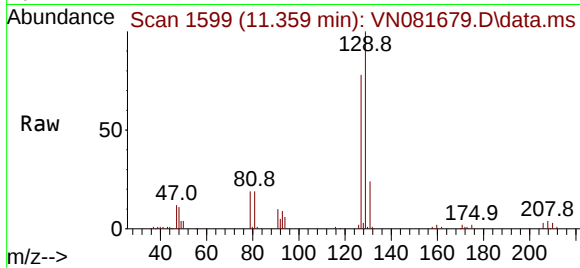




#53
Dibromochloromethane
Concen: 19.798 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

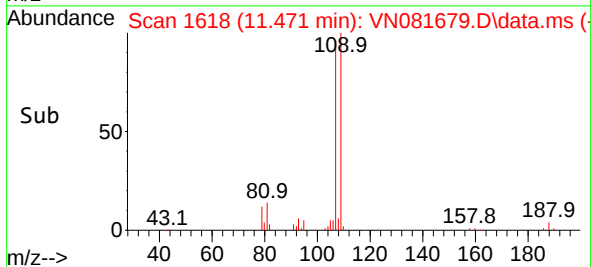
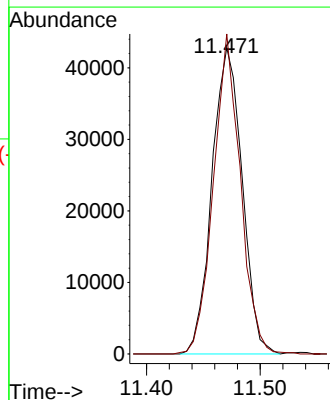
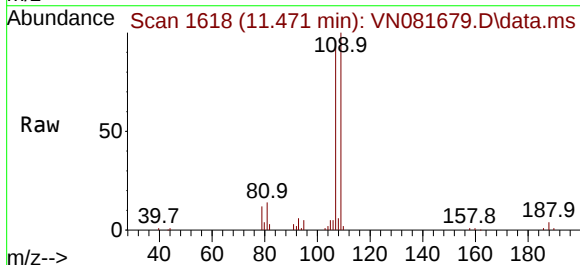
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

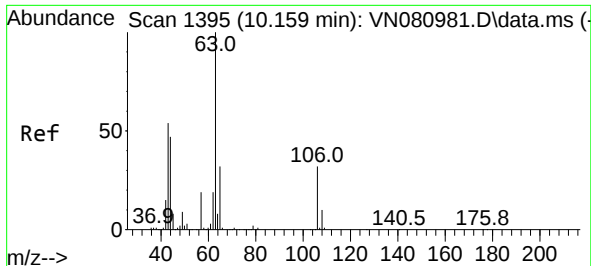
Tgt Ion:129 Resp: 90164
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.1



#54
1,2-Dibromoethane
Concen: 20.043 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion:107 Resp: 78986
Ion Ratio Lower Upper
107 100
109 93.3 74.7 112.1

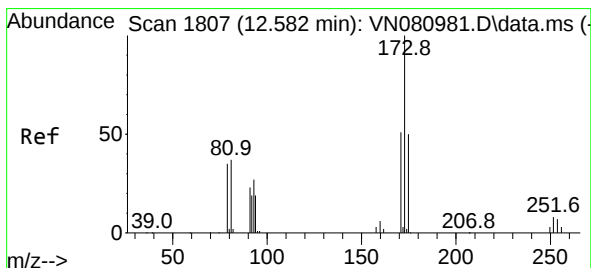
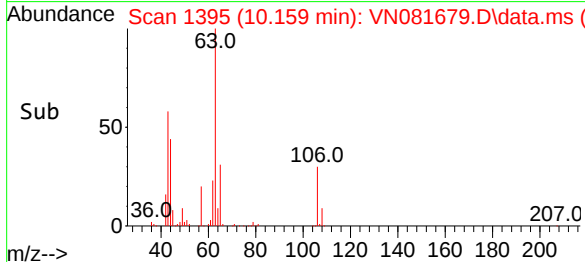
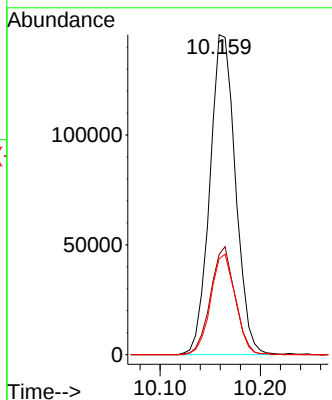
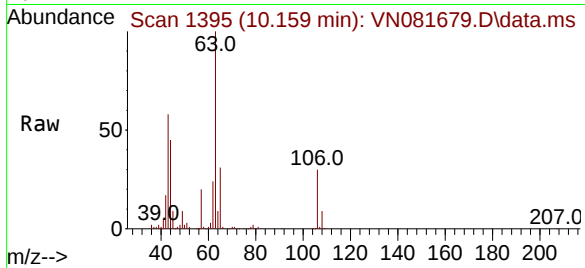




#55
2-Chloroethyl vinyl ether
Concen: 99.489 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

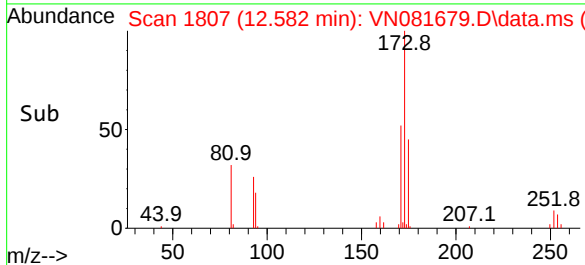
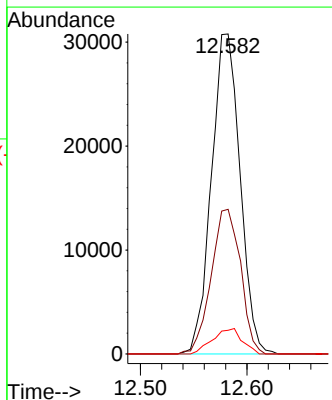
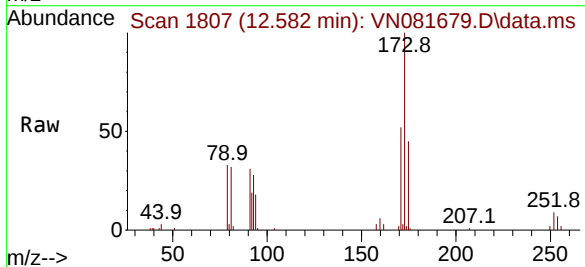
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

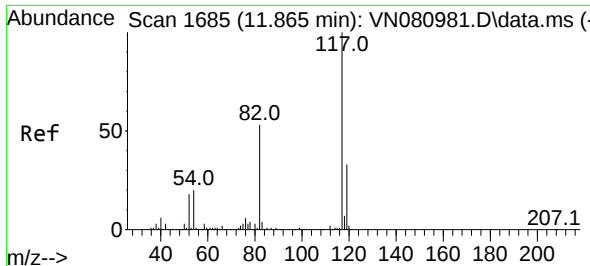
Tgt Ion: 63 Resp: 259348
Ion Ratio Lower Upper
63 100
65 32.2 26.2 39.2
106 30.4 23.8 35.8



#56
Bromoform
Concen: 19.731 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 173 Resp: 57459
Ion Ratio Lower Upper
173 100
175 46.3 40.0 60.0
254 8.2 8.3 12.5#

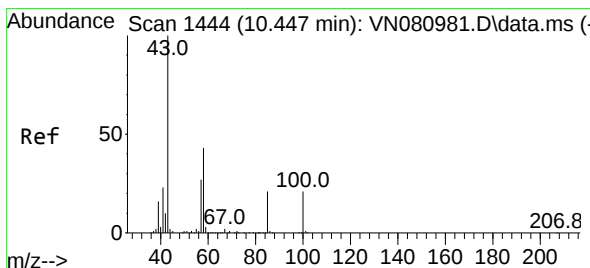
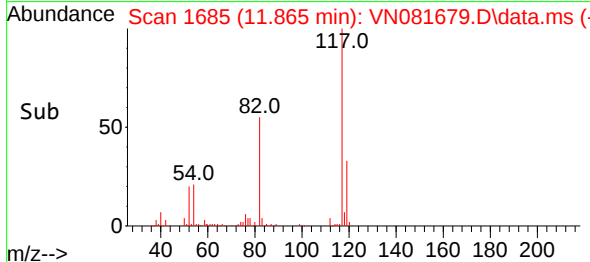
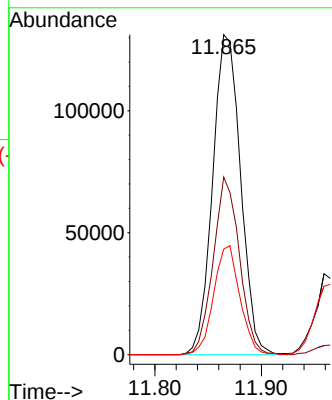
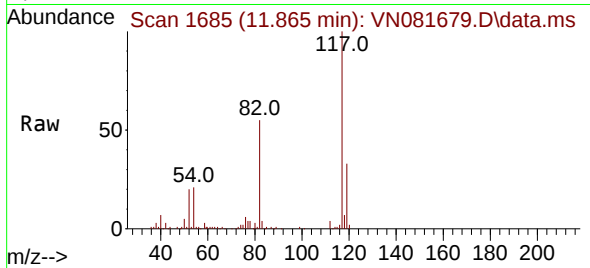




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

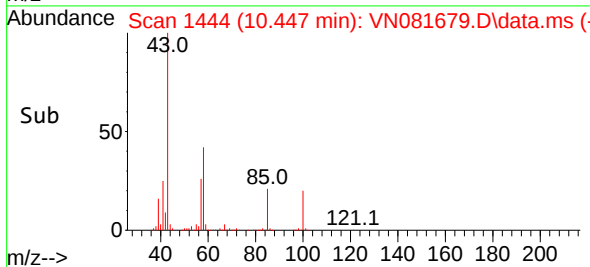
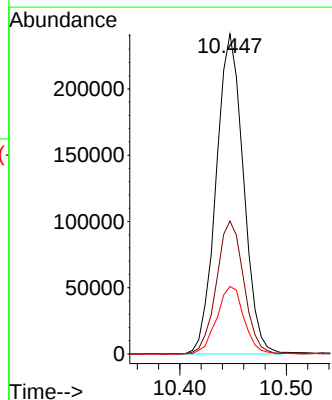
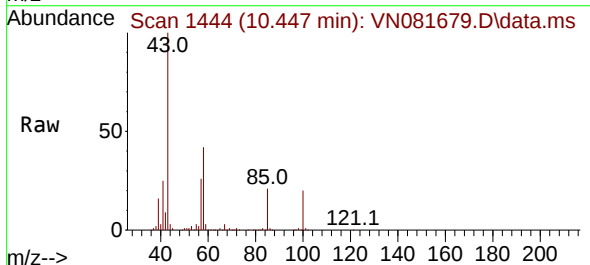
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

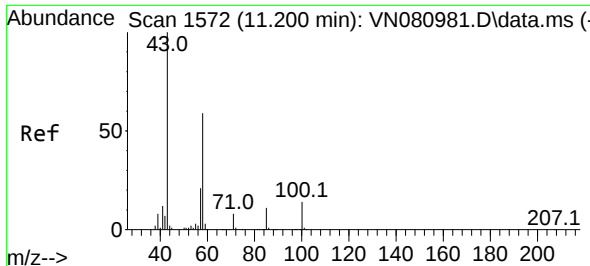
Tgt Ion:117 Resp: 239264
Ion Ratio Lower Upper
117 100
82 52.1 46.6 69.8
119 32.0 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 104.368 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 43 Resp: 429437
Ion Ratio Lower Upper
43 100
58 41.5 36.5 54.7
85 20.9 19.5 29.3

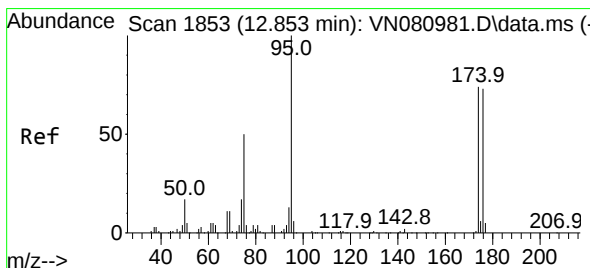
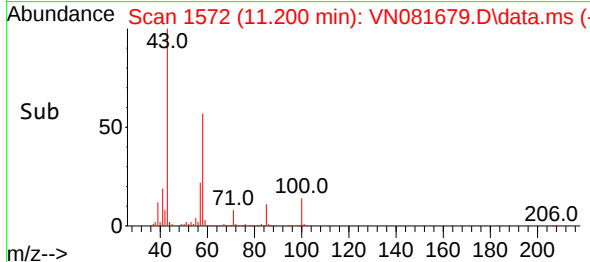
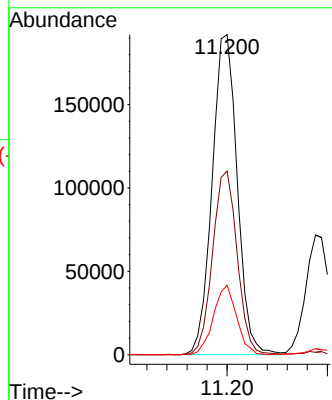
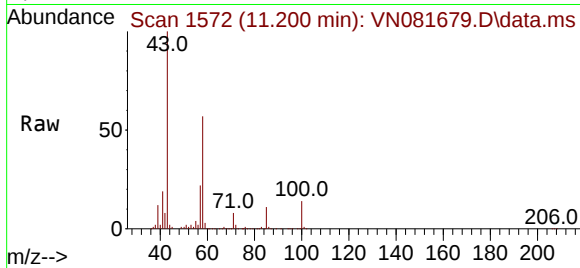




#59
2-Hexanone
Concen: 108.101 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

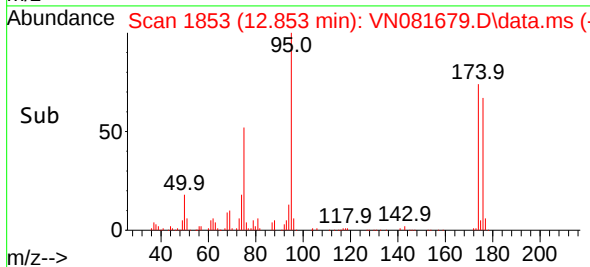
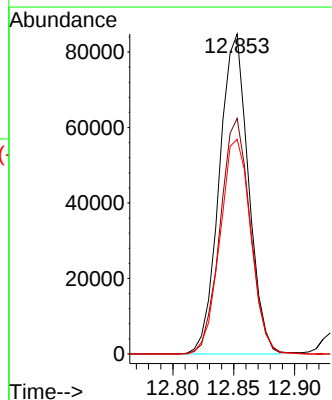
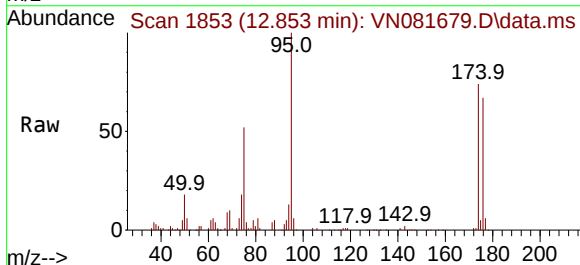
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

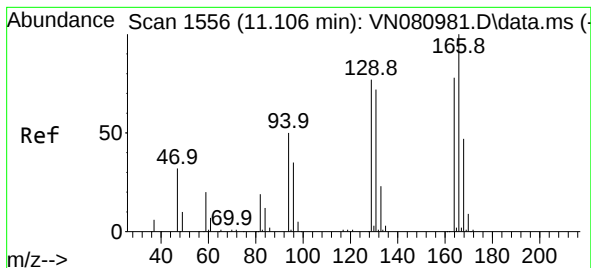
Tgt Ion: 43 Resp: 334044
Ion Ratio Lower Upper
43 100
58 56.3 50.4 75.6
57 20.1 18.6 27.8



#60
4-Bromofluorobenzene
Concen: 30.017 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 95 Resp: 141202
Ion Ratio Lower Upper
95 100
174 75.6 60.5 90.7
176 70.9 57.8 86.6





#61

Tetrachloroethene

Concen: 20.579 ug/l

RT: 11.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 91236

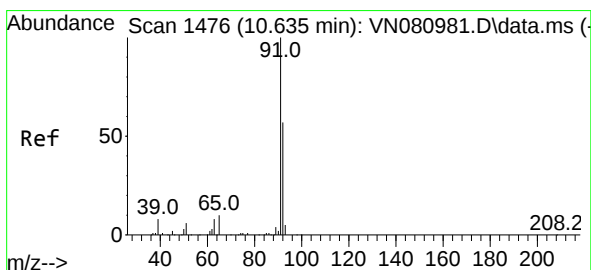
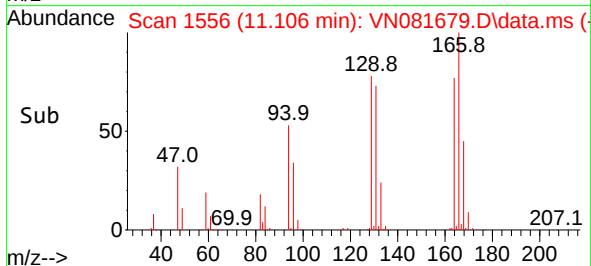
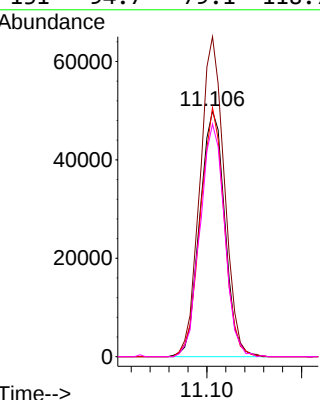
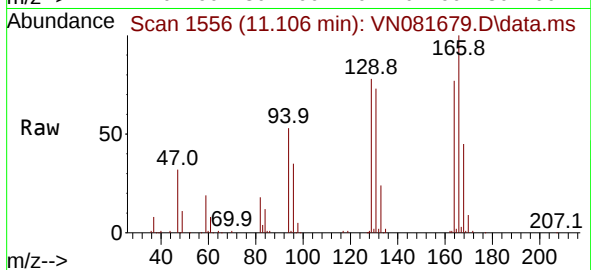
Ion Ratio Lower Upper

164 100

166 130.3 106.7 160.1

129 101.4 85.8 128.6

131 94.7 79.1 118.7



#62

Toluene

Concen: 19.828 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN081679.D

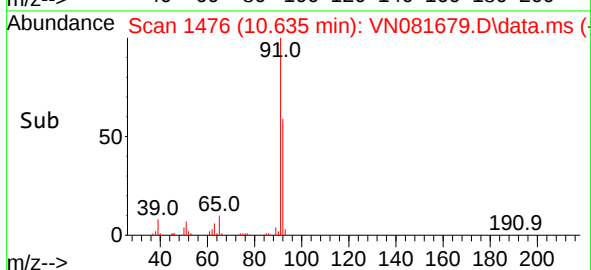
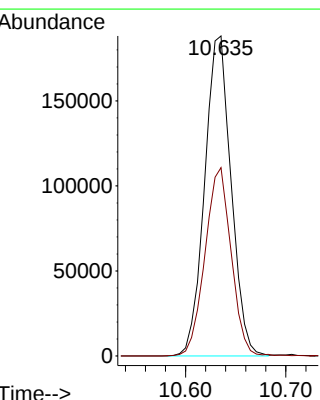
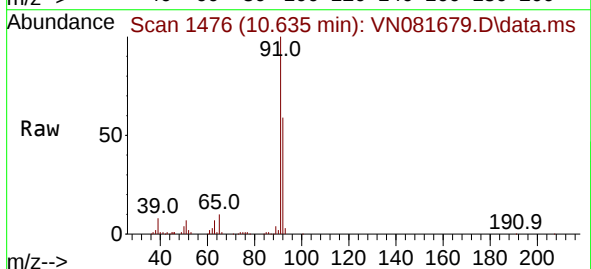
Acq: 10 Apr 2024 13:37

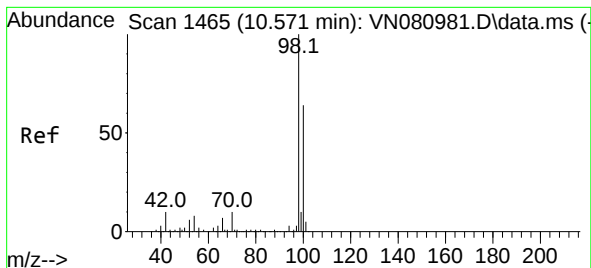
Tgt Ion: 91 Resp: 345142

Ion Ratio Lower Upper

91 100

92 57.9 46.5 69.7





#63

Toluene-d8

Concen: 31.147 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

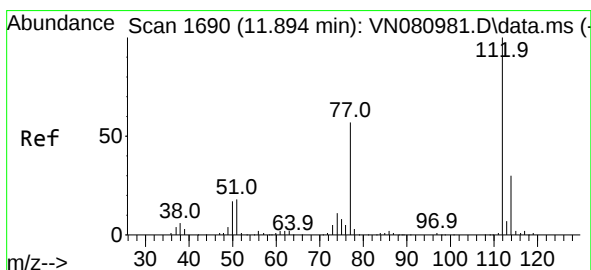
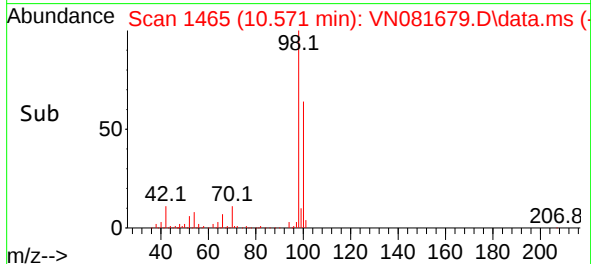
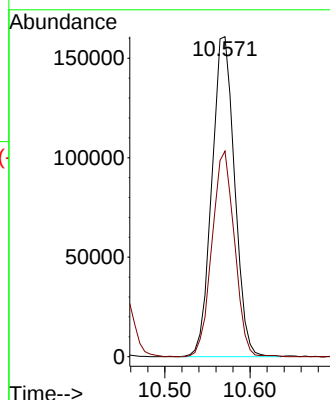
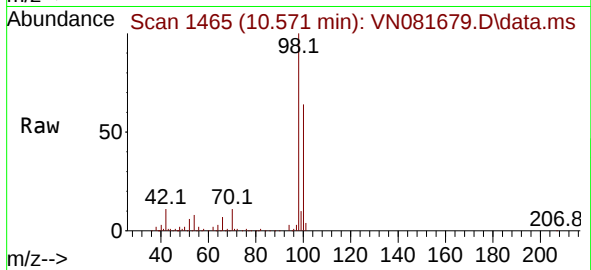
VSTDICCC020

Tgt Ion: 98 Resp: 298929

Ion Ratio Lower Upper

98 100

100 63.3 52.7 79.1



#64

Chlorobenzene

Concen: 19.547 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN081679.D

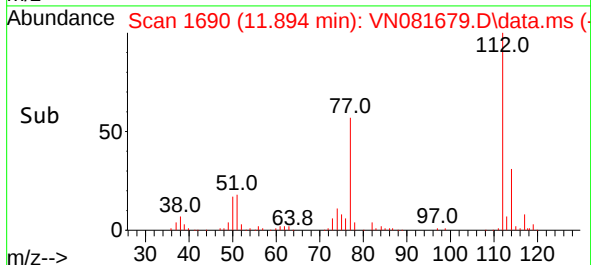
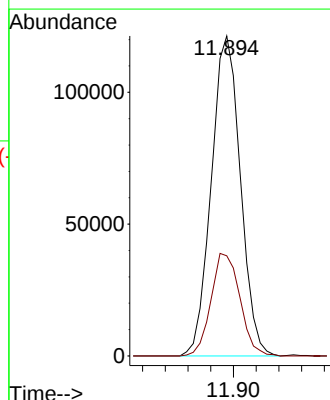
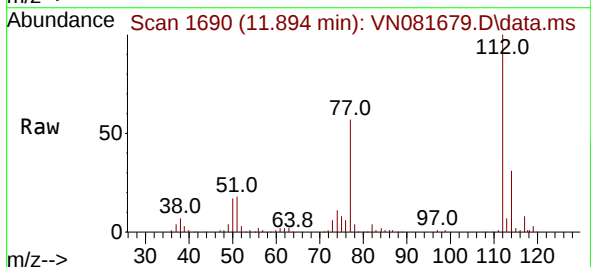
Acq: 10 Apr 2024 13:37

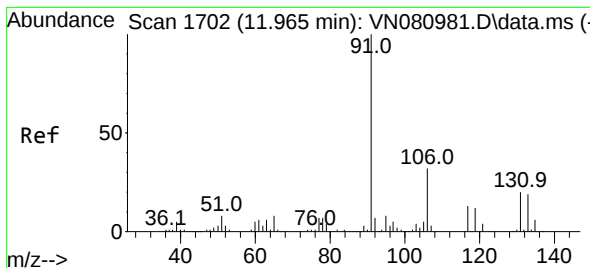
Tgt Ion: 112 Resp: 215760

Ion Ratio Lower Upper

112 100

114 31.3 26.6 39.8

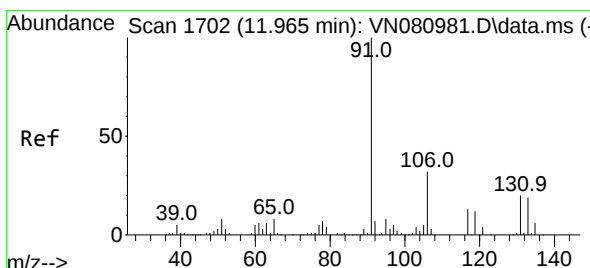
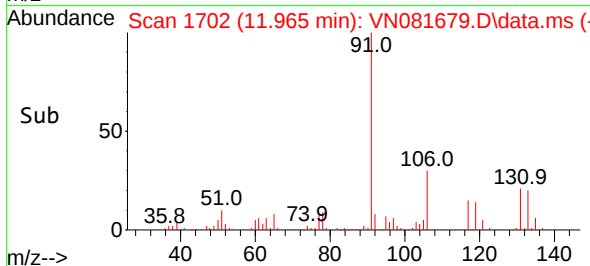
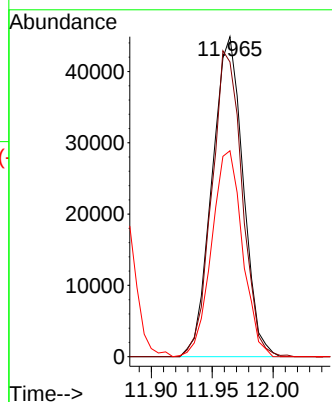
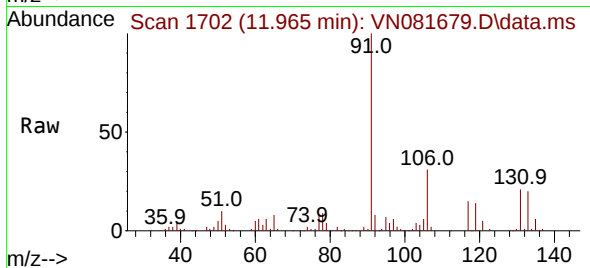




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.837 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN081679.D
 Acq: 10 Apr 2024 13:37

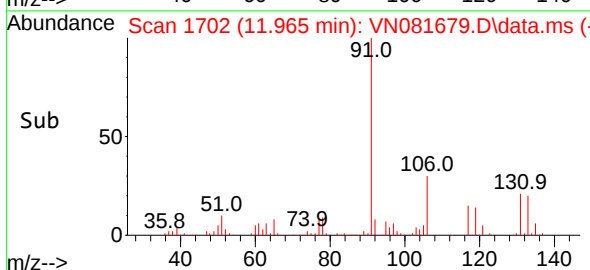
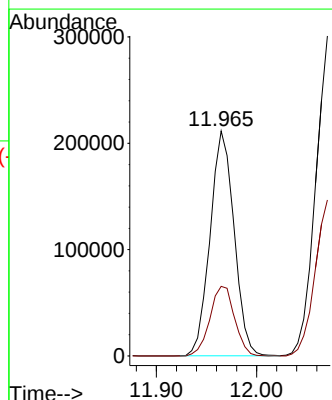
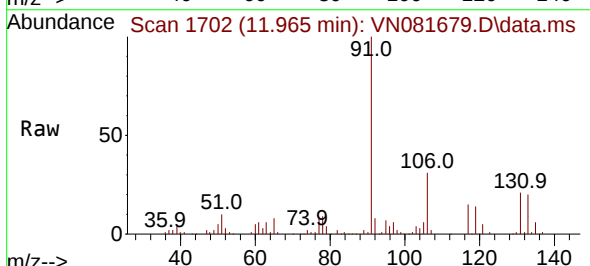
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

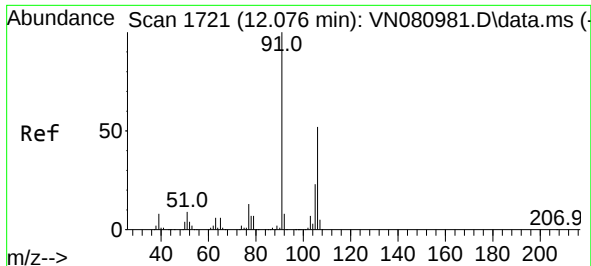
Tgt Ion:131 Resp: 79538
 Ion Ratio Lower Upper
 131 100
 133 93.3 0.0 188.0
 119 64.0 0.0 122.8



#66
 Ethyl Benzene
 Concen: 18.974 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN081679.D
 Acq: 10 Apr 2024 13:37

Tgt Ion: 91 Resp: 351152
 Ion Ratio Lower Upper
 91 100
 106 31.0 24.4 36.6

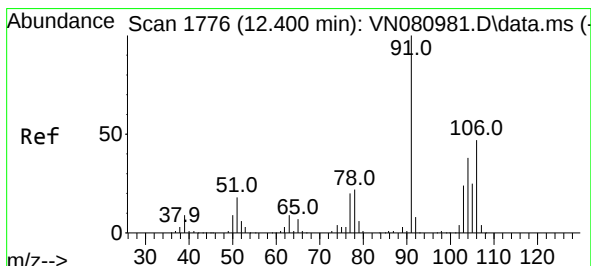
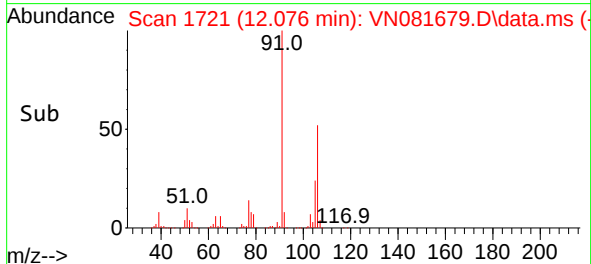
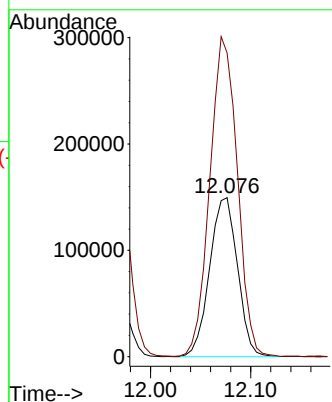
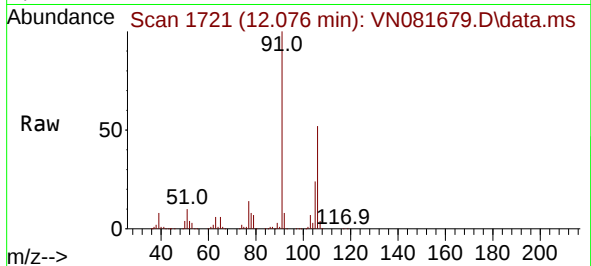




#67
m/p-Xylenes
Concen: 39.371 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

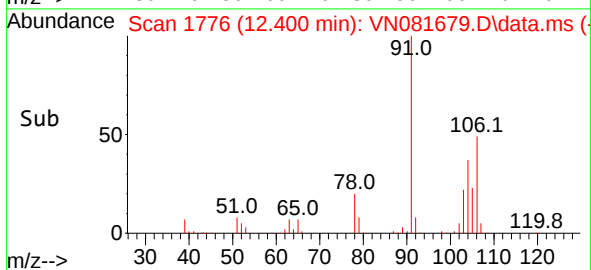
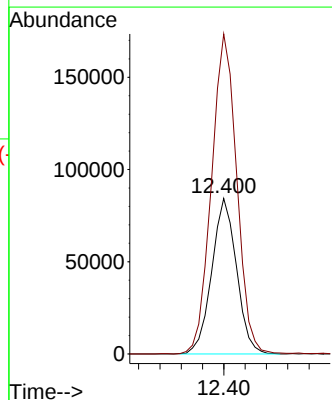
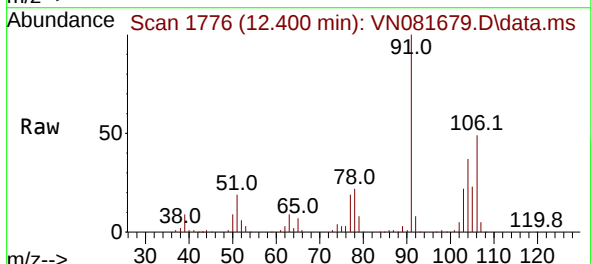
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

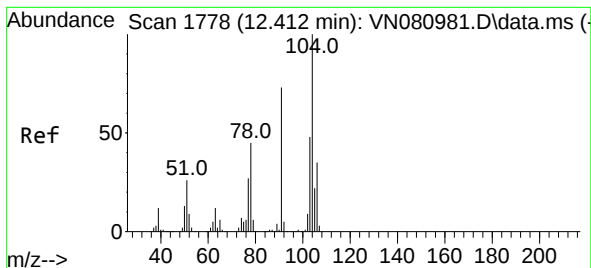
Tgt Ion:106 Resp: 288627
Ion Ratio Lower Upper
106 100
91 198.8 166.6 249.8



#68
o-Xylene
Concen: 19.509 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion:106 Resp: 135771
Ion Ratio Lower Upper
106 100
91 210.3 110.0 330.0





#69

Styrene

Concen: 19.278 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

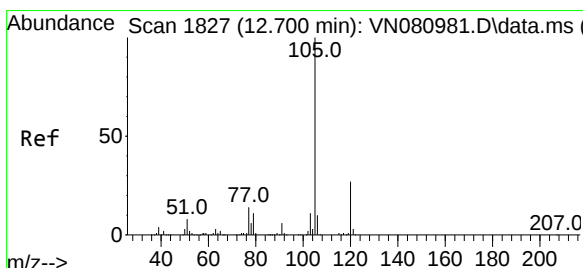
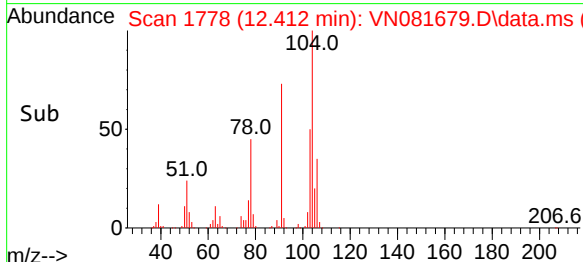
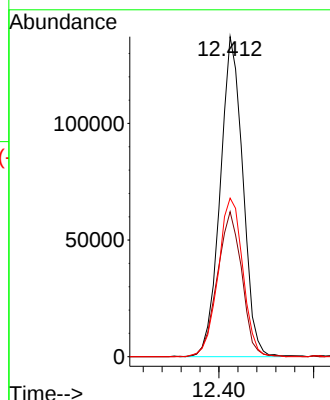
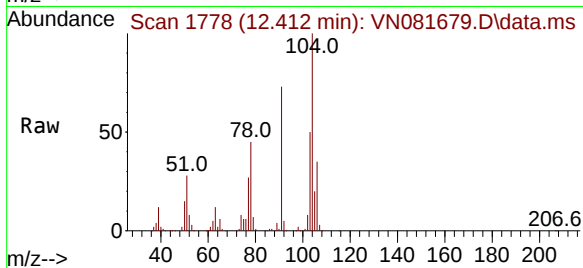
Tgt Ion:104 Resp: 228488

Ion Ratio Lower Upper

104 100

78 48.8 42.6 64.0

103 53.9 43.7 65.5



#70

Isopropylbenzene

Concen: 19.338 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.006 min

Lab File: VN081679.D

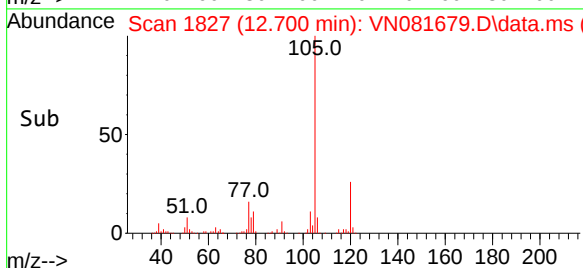
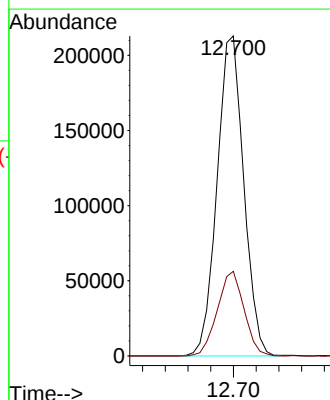
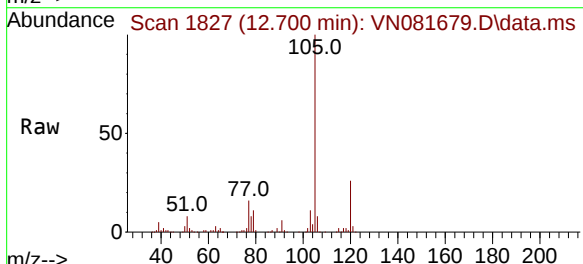
Acq: 10 Apr 2024 13:37

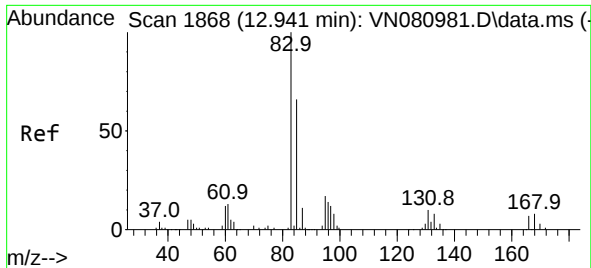
Tgt Ion:105 Resp: 347196

Ion Ratio Lower Upper

105 100

120 26.4 17.8 33.1

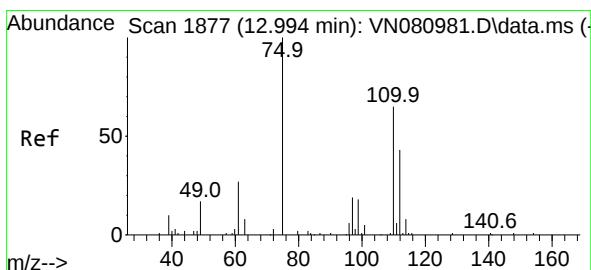
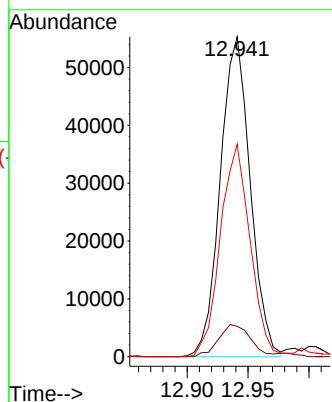
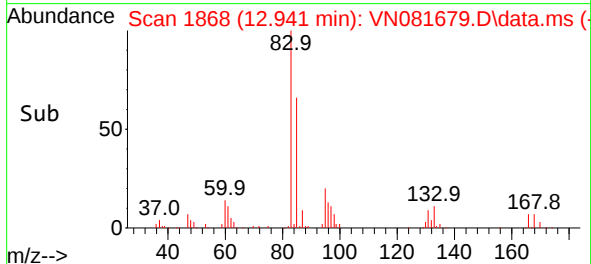
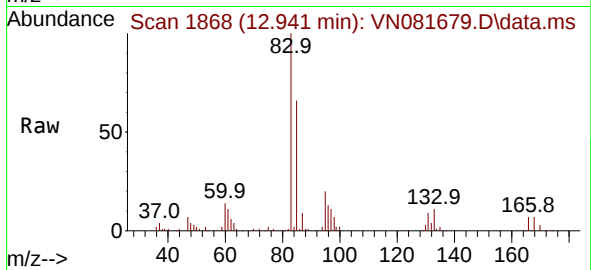




#71
1,1,2,2-Tetrachloroethane
Concen: 20.206 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

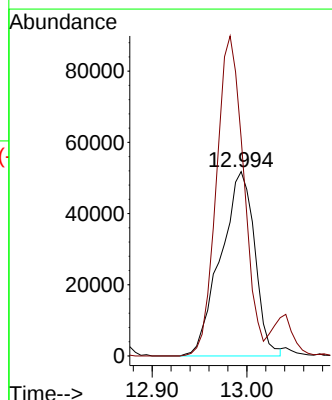
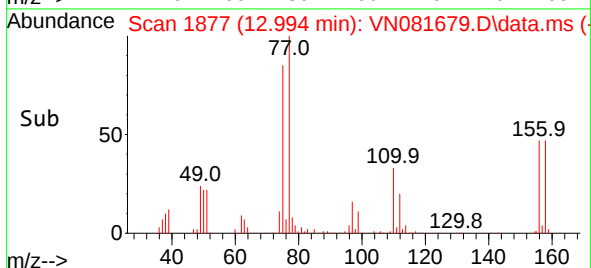
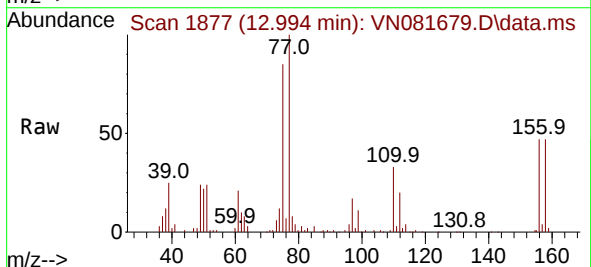
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

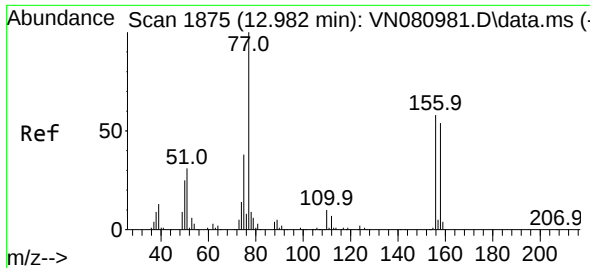
Tgt Ion: 83 Resp: 94765
Ion Ratio Lower Upper
83 100
131 10.7 5.2 15.6
85 66.0 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 19.569 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 75 Resp: 129438
Ion Ratio Lower Upper
75 100
77 139.0 0.0 367.6

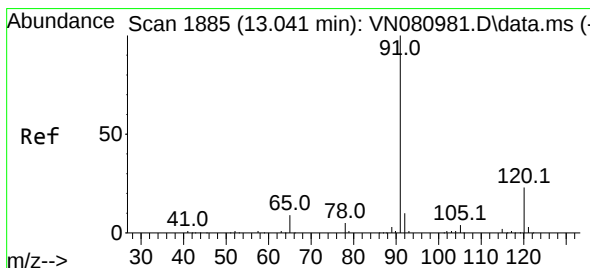
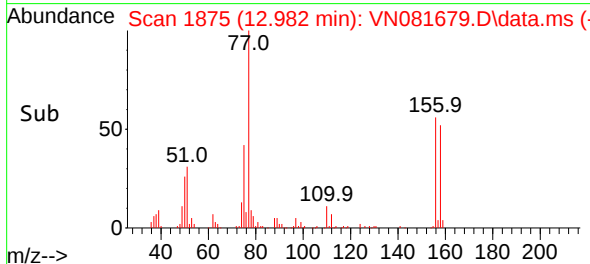
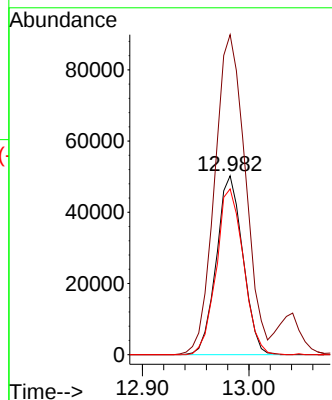
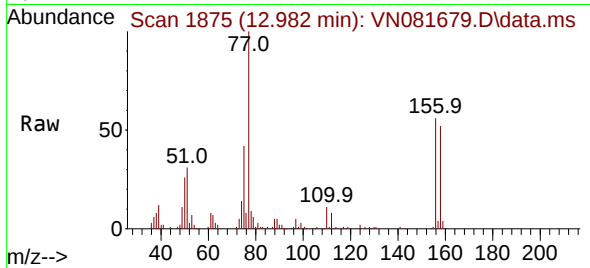




#73
Bromobenzene
Concen: 19.459 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

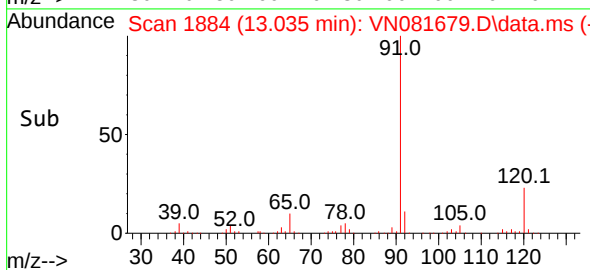
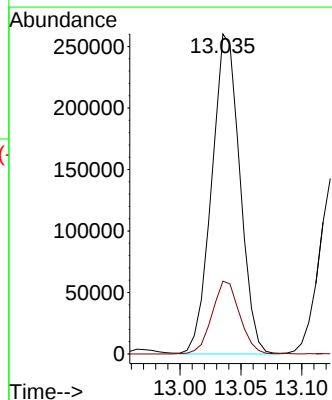
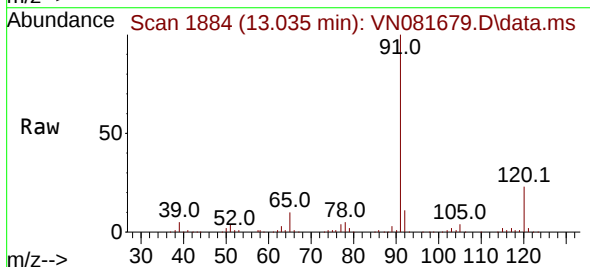
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

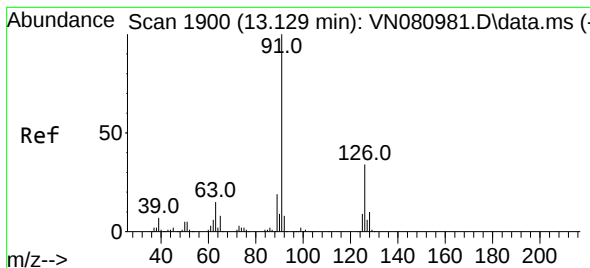
Tgt Ion:156 Resp: 86568
Ion Ratio Lower Upper
156 100
77 207.9 0.0 437.6
158 95.1 0.0 203.8



#74
n-propylbenzene
Concen: 19.480 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 91 Resp: 418896
Ion Ratio Lower Upper
91 100
120 22.3 0.0 43.8





#75

2-Chlorotoluene

Concen: 19.622 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

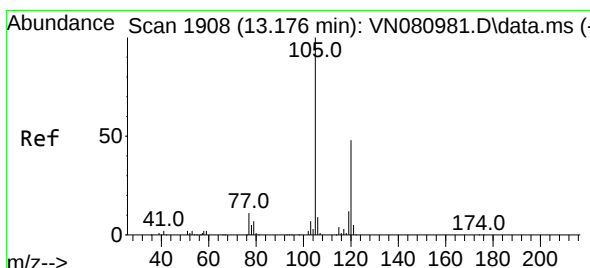
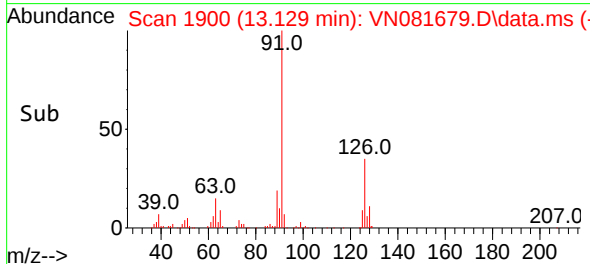
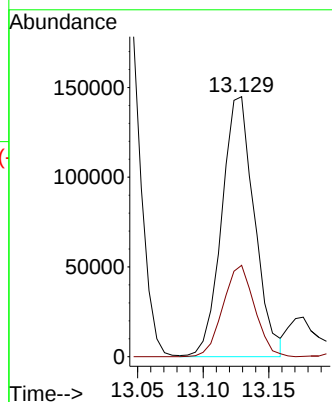
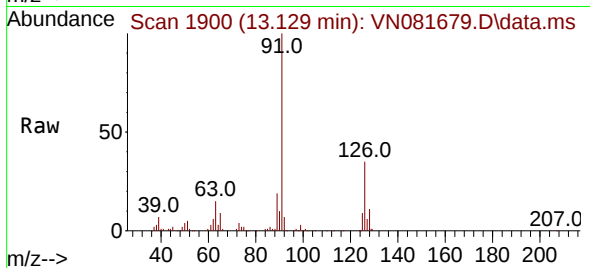
VSTDICCC020

Tgt Ion: 91 Resp: 251233

Ion Ratio Lower Upper

91 100

126 33.9 0.0 61.2



#76

1,3,5-Trimethylbenzene

Concen: 19.845 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081679.D

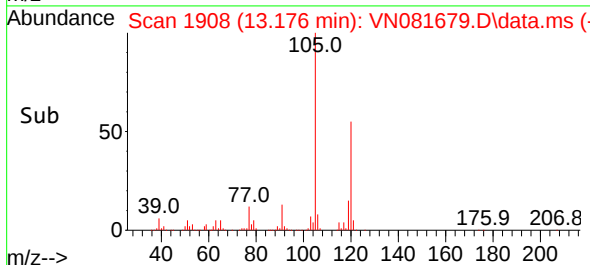
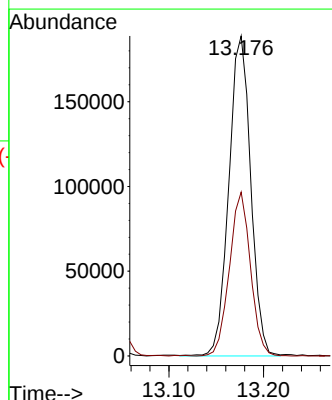
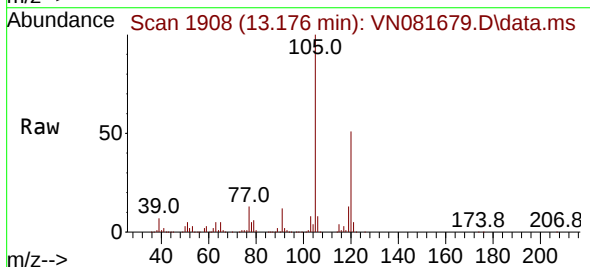
Acq: 10 Apr 2024 13:37

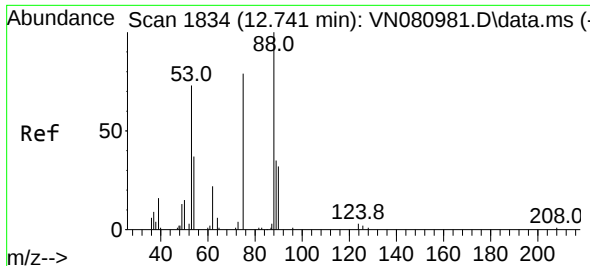
Tgt Ion:105 Resp: 302416

Ion Ratio Lower Upper

105 100

120 49.2 0.0 95.8

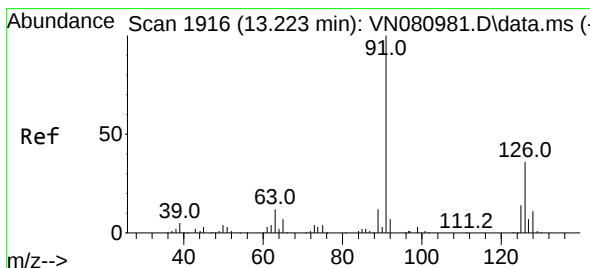
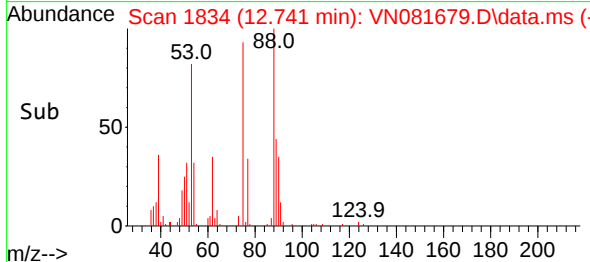
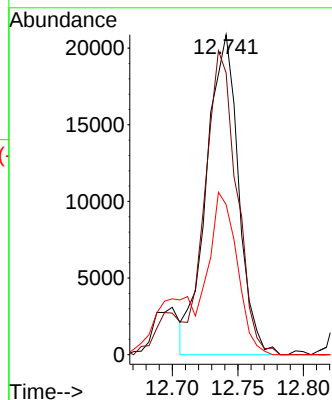
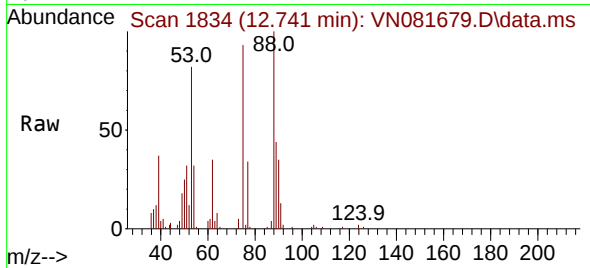




#77
t-1,4-Dichloro-2-butene
Concen: 19.746 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

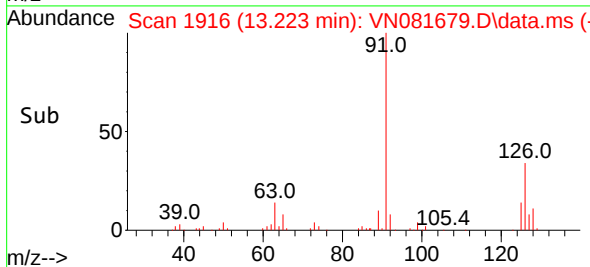
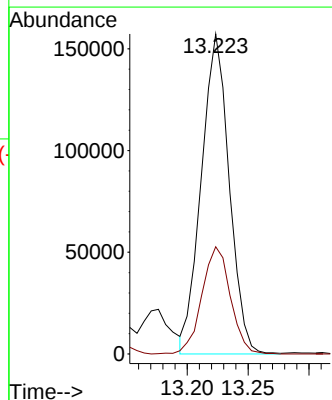
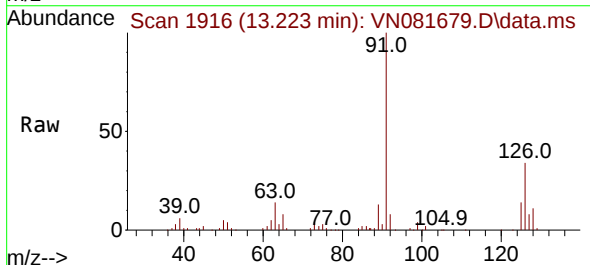
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

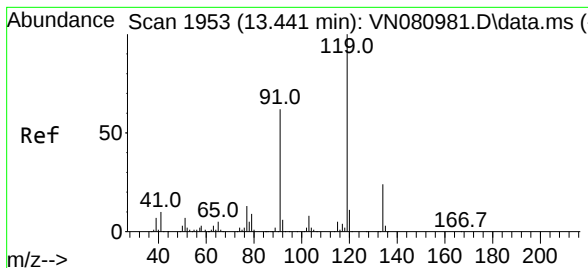
Tgt Ion: 75 Resp: 35507
Ion Ratio Lower Upper
75 100
53 88.0 45.9 137.7
89 46.9 25.9 77.7



#78
4-Chlorotoluene
Concen: 19.772 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion: 91 Resp: 251088
Ion Ratio Lower Upper
91 100
126 34.1 0.0 62.8





#79

tert-butylbenzene

Concen: 18.528 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

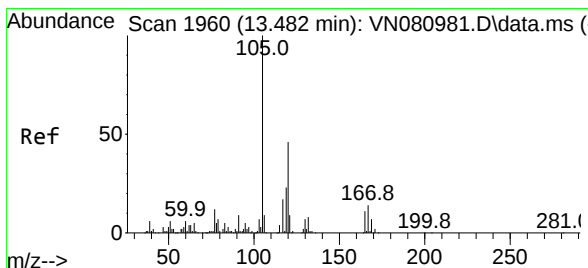
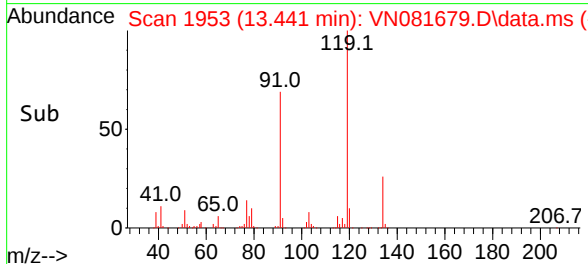
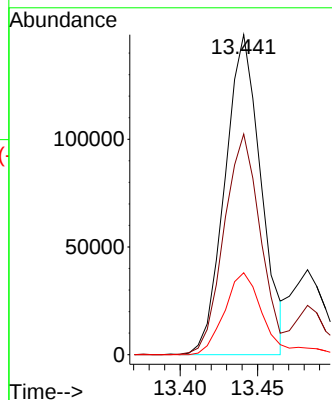
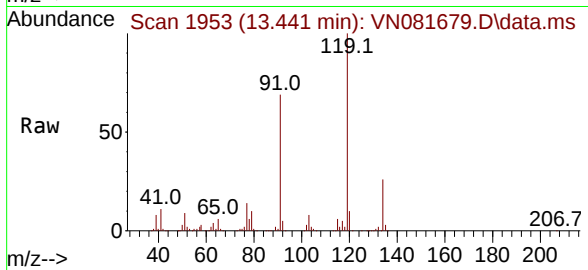
Tgt Ion:119 Resp: 240202

Ion Ratio Lower Upper

119 100

91 69.5 0.0 138.8

134 26.1 0.0 48.6



#80

1,2,4-Trimethylbenzene

Concen: 19.720 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081679.D

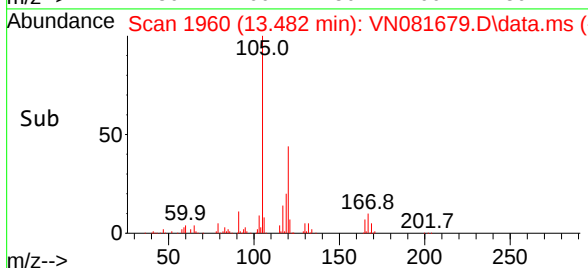
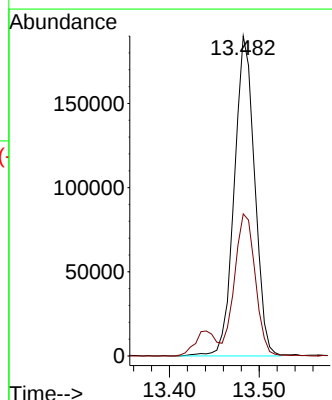
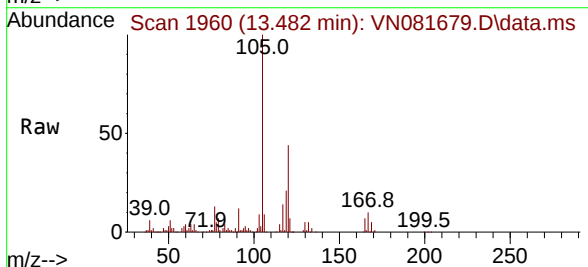
Acq: 10 Apr 2024 13:37

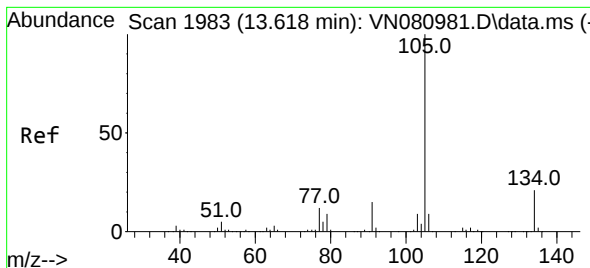
Tgt Ion:105 Resp: 299697

Ion Ratio Lower Upper

105 100

120 44.6 0.0 86.8





#81

sec-Butylbenzene

Concen: 19.199 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

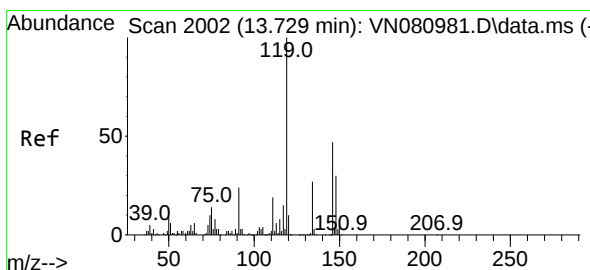
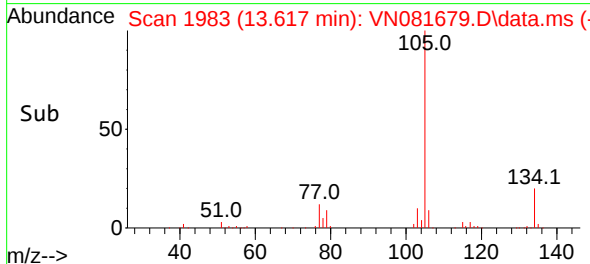
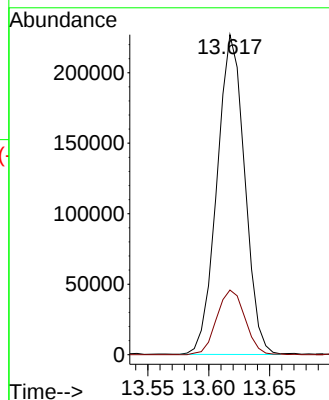
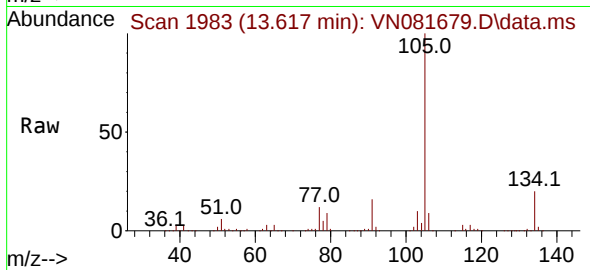
VSTDICCC020

Tgt Ion:105 Resp: 358971

Ion Ratio Lower Upper

105 100

134 20.7 0.0 39.0



#82

p-Isopropyltoluene

Concen: 18.761 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

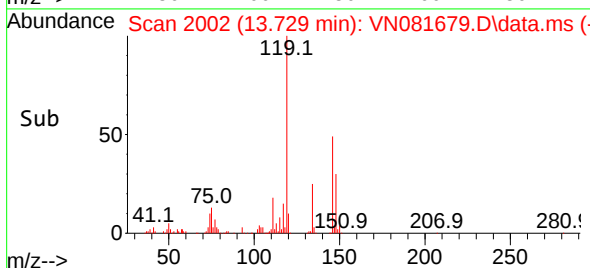
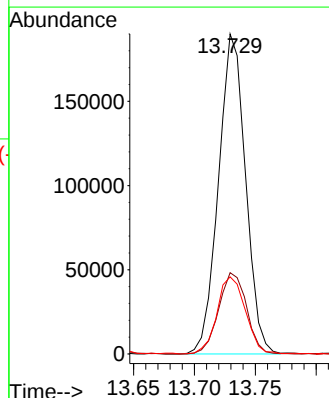
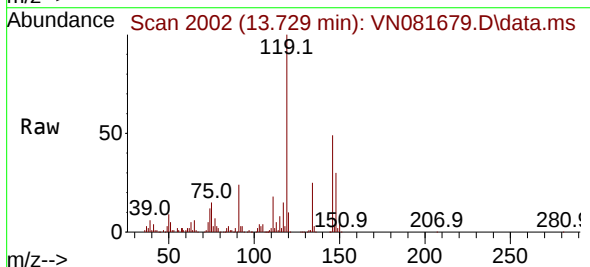
Tgt Ion:119 Resp: 294188

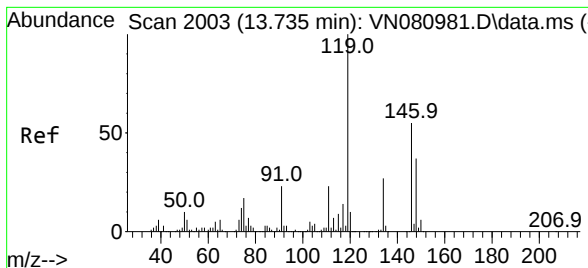
Ion Ratio Lower Upper

119 100

134 26.1 0.0 49.2

91 25.3 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 20.123 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

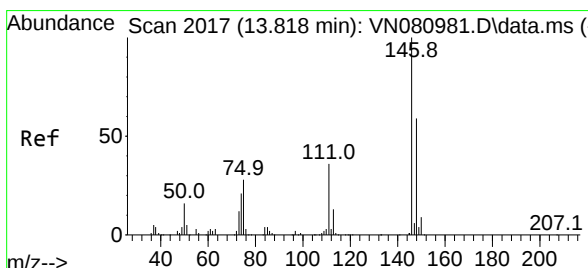
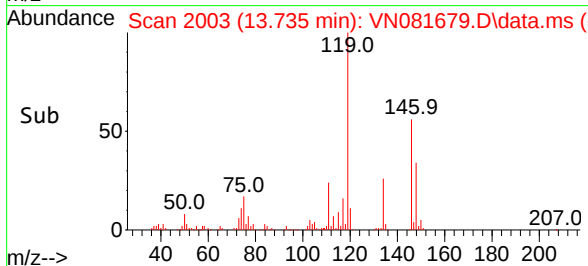
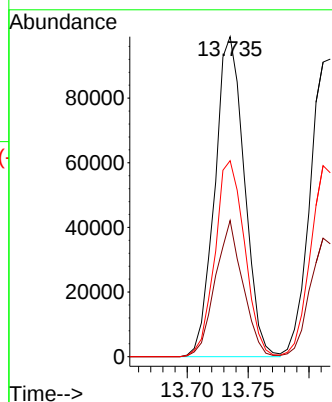
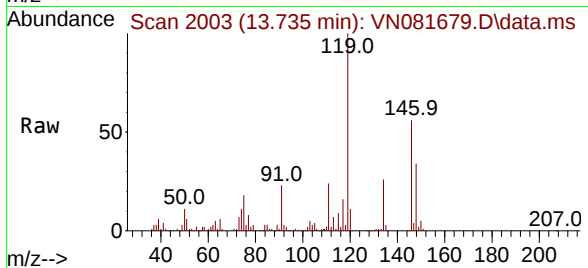
Tgt Ion:146 Resp: 167311

Ion Ratio Lower Upper

146 100

111 39.8 22.4 67.0

148 61.6 32.1 96.5



#84

1,4-Dichlorobenzene

Concen: 20.060 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

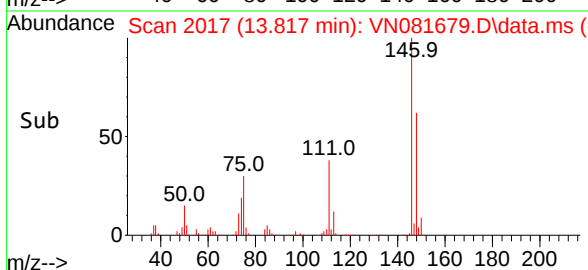
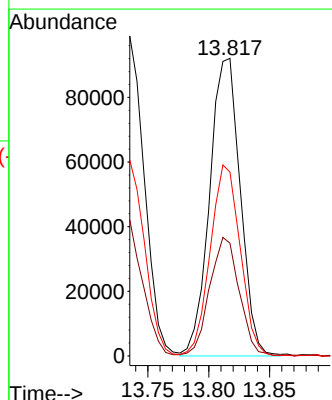
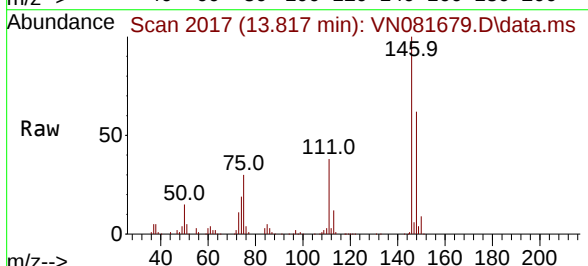
Tgt Ion:146 Resp: 161448

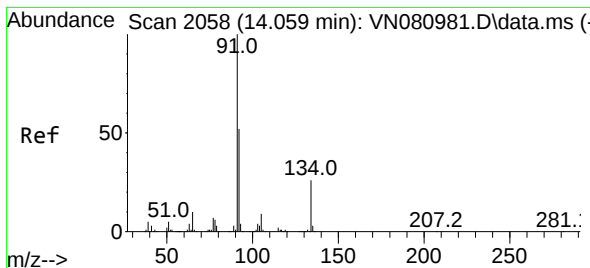
Ion Ratio Lower Upper

146 100

111 38.6 21.3 63.9

148 62.8 31.9 95.5





#85

n-Butylbenzene

Concen: 18.301 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

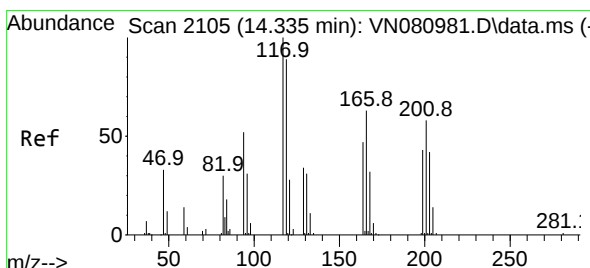
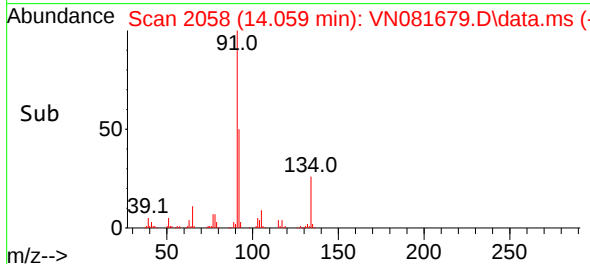
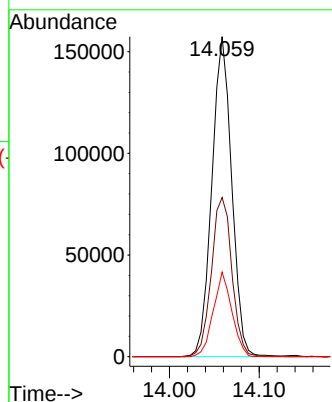
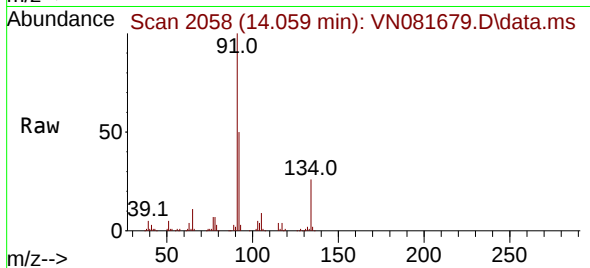
Tgt Ion: 91 Resp: 241723

Ion Ratio Lower Upper

91 100

92 51.4 0.0 105.0

134 24.7 0.0 51.8



#86

Hexachloroethane

Concen: 18.982 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081679.D

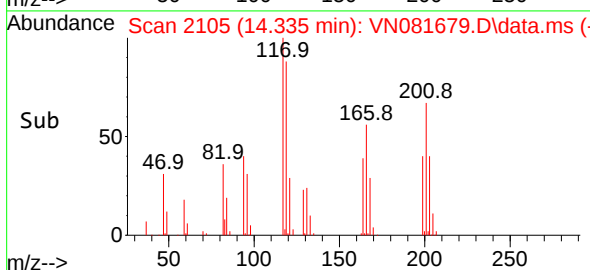
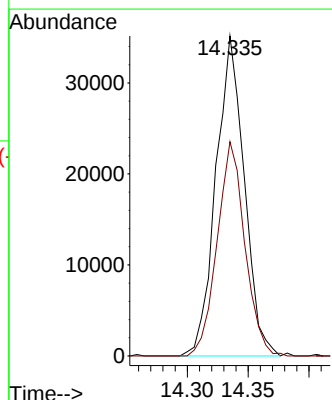
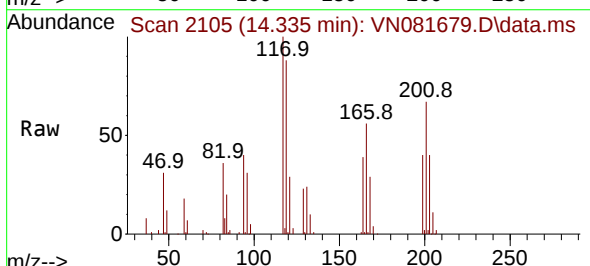
Acq: 10 Apr 2024 13:37

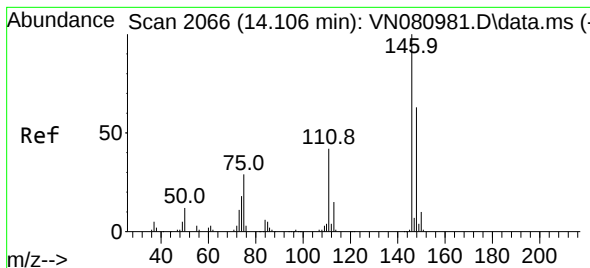
Tgt Ion: 117 Resp: 56865

Ion Ratio Lower Upper

117 100

201 65.5 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 19.757 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

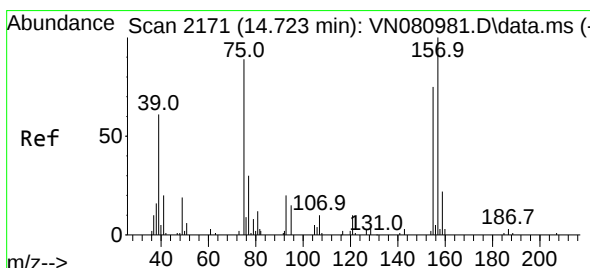
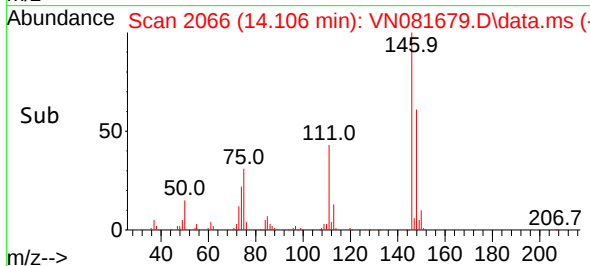
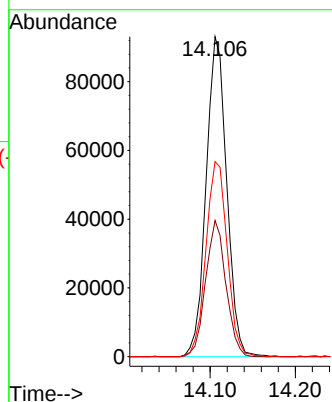
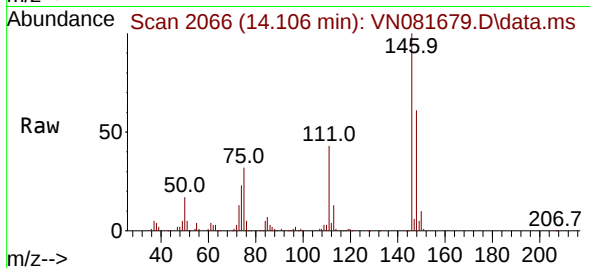
Tgt Ion:146 Resp: 156361

Ion Ratio Lower Upper

146 100

111 42.0 22.6 67.8

148 63.0 31.3 93.8



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.904 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

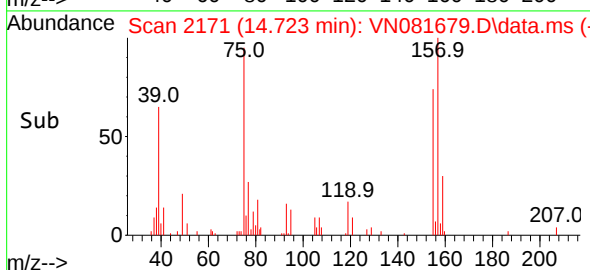
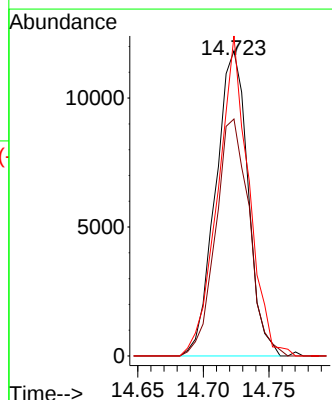
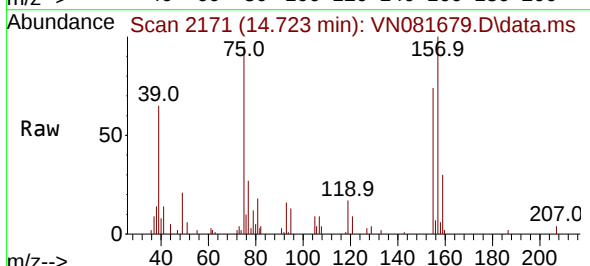
Tgt Ion: 75 Resp: 20350

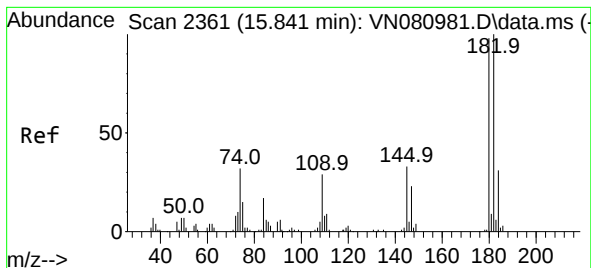
Ion Ratio Lower Upper

75 100

155 79.8 61.7 92.5

157 99.0 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 18.078 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

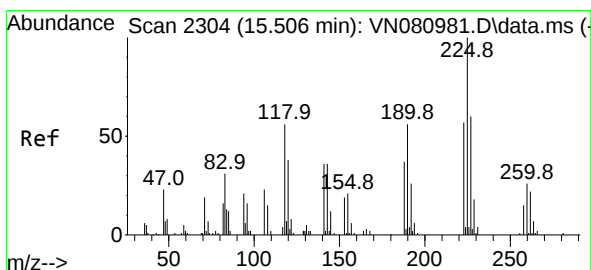
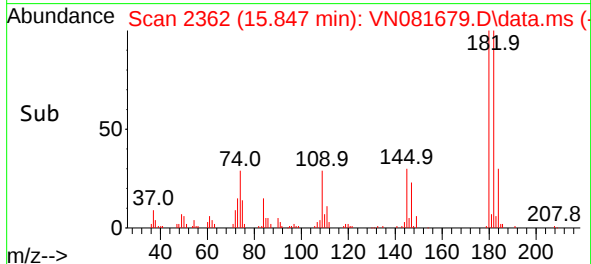
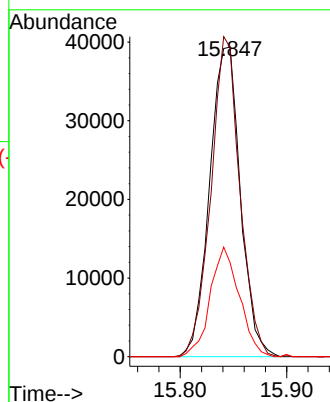
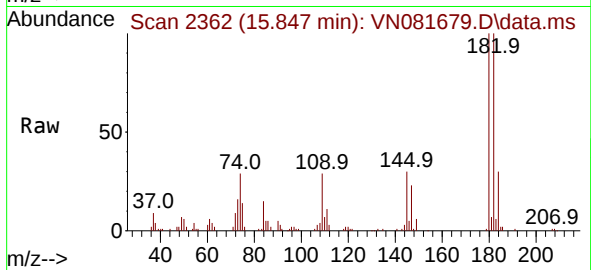
Tgt Ion:180 Resp: 78959

Ion Ratio Lower Upper

180 100

182 97.2 76.4 114.6

145 33.6 28.4 42.6



#90

Hexachlorobutadiene

Concen: 18.933 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN081679.D

Acq: 10 Apr 2024 13:37

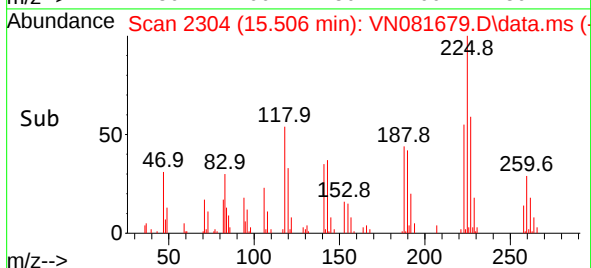
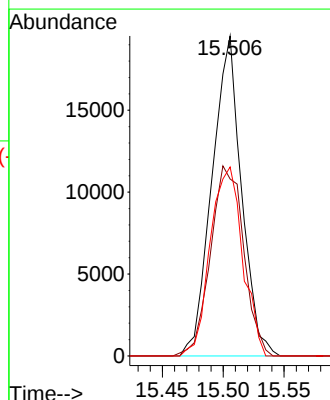
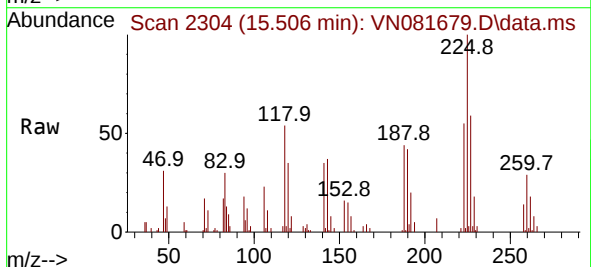
Tgt Ion:225 Resp: 32912

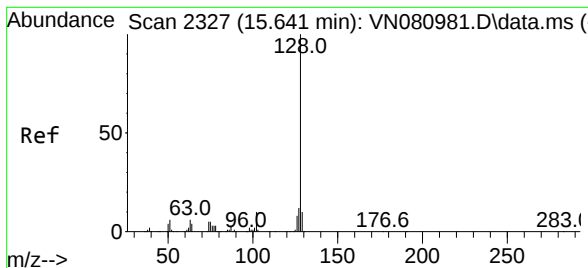
Ion Ratio Lower Upper

225 100

223 66.6 0.0 126.6

227 64.8 0.0 126.6

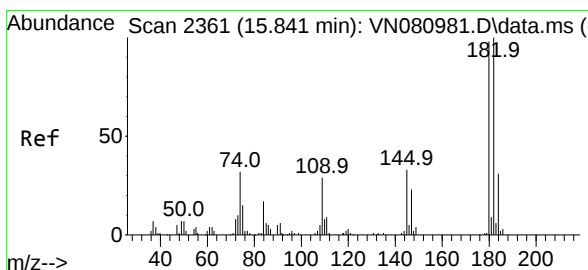
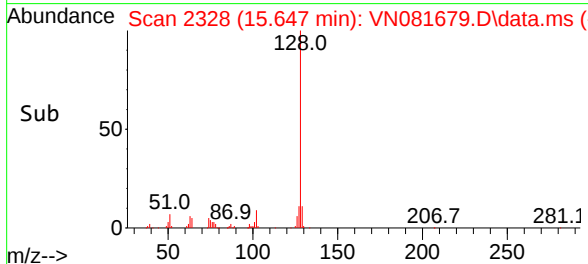
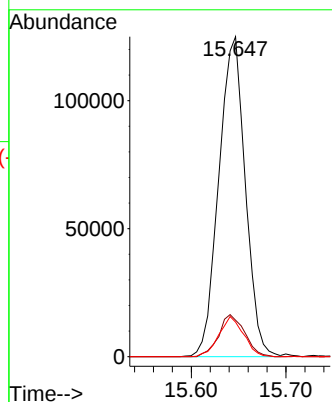
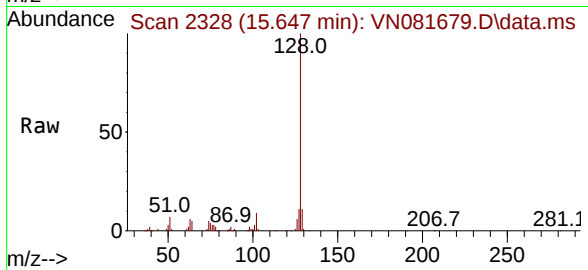




#91
Naphthalene
Concen: 17.408 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 242772
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.7 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 18.202 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN081679.D
Acq: 10 Apr 2024 13:37

Tgt Ion:180 Resp: 78959
Ion Ratio Lower Upper
180 100
182 97.2 0.0 191.0
145 33.6 0.0 71.0

