

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
 Data File : VN080615.D
 Acq On : 29 Dec 2023 15:15
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Dec 29 23:43:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	390121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	732233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	665605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	298974	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	269158	53.787	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.580%	
35) Dibromofluoromethane	8.171	113	208414	44.009	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 88.020%	
50) Toluene-d8	10.570	98	912102	55.162	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.320%	
62) 4-Bromofluorobenzene	12.853	95	320712	57.632	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	220081	50.784	ug/l	96
3) Chloromethane	2.359	50	283253	59.096	ug/l	99
4) Vinyl Chloride	2.512	62	258616	53.626	ug/l	98
5) Bromomethane	2.947	94	103625	56.545	ug/l	99
6) Chloroethane	3.118	64	159859	53.094	ug/l	99
7) Trichlorofluoromethane	3.494	101	386865	56.181	ug/l	99
8) Diethyl Ether	3.959	74	155529	65.769	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.377	101	192849	51.304	ug/l	95
10) Methyl Iodide	4.589	142	145763	56.127	ug/l	95
11) Tert butyl alcohol	5.524	59	145589	216.255	ug/l	99
12) 1,1-Dichloroethene	4.336	96	191958	53.240	ug/l	87
13) Acrolein	4.171	56	246284	323.557	ug/l	99
14) Allyl chloride	5.018	41	230503	42.110	ug/l	98
15) Acrylonitrile	5.718	53	461349	240.270	ug/l	99
16) Acetone	4.424	43	353975	260.219	ug/l	99
17) Carbon Disulfide	4.706	76	547181	56.435	ug/l	99
18) Methyl Acetate	5.018	43	364098	48.278	ug/l	92
19) Methyl tert-butyl Ether	5.788	73	635931	48.991	ug/l	97
20) Methylene Chloride	5.277	84	206324	47.536	ug/l	94
21) trans-1,2-Dichloroethene	5.788	96	196053	45.004	ug/l #	83
22) Diisopropyl ether	6.671	45	604949	49.756	ug/l	91
23) Vinyl Acetate	6.606	43	1567548	232.457	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	373354	45.814	ug/l	99
25) 2-Butanone	7.482	43	544689	214.238	ug/l	90
26) 2,2-Dichloropropane	7.488	77	326181	45.981	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	230012	44.391	ug/l	89
28) Bromochloromethane	7.818	49	176036	46.457	ug/l	89
29) Tetrahydrofuran	7.841	42	372978	224.944	ug/l	85
30) Chloroform	7.965	83	396577	48.471	ug/l	97
31) Cyclohexane	8.259	56	282357	41.704	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	351572	47.655	ug/l	97
36) 1,1-Dichloropropene	8.377	75	298997	41.023	ug/l	96
37) Ethyl Acetate	7.559	43	213741	38.865	ug/l	98
38) Carbon Tetrachloride	8.365	117	311443	41.770	ug/l	99
39) Methylcyclohexane	9.606	83	296199	49.548	ug/l	91
40) Benzene	8.612	78	971900	45.761	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
 Data File : VN080615.D
 Acq On : 29 Dec 2023 15:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 29 23:43:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	131491	38.771	ug/l	90
42) 1,2-Dichloroethane	8.671	62	349755	51.791	ug/l	100
43) Isopropyl Acetate	8.688	43	500357	56.131	ug/l	96
44) Trichloroethene	9.353	130	251815	46.285	ug/l	97
45) 1,2-Dichloropropane	9.623	63	259851	52.459	ug/l	98
46) Dibromomethane	9.712	93	174462	52.349	ug/l	93
47) Bromodichloromethane	9.888	83	364675	52.202	ug/l	100
48) Methyl methacrylate	9.682	41	281997	56.976	ug/l	83
49) 1,4-Dioxane	9.694	88	82016	1036.731	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1461746	288.313	ug/l	94
52) Toluene	10.635	92	621336	53.616	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	385486	54.735	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	418410	53.084	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	248793	54.123	ug/l	96
56) Ethyl methacrylate	10.876	69	267383	59.384	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	432693	55.555	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1032048	324.578	ug/l	93
59) 2-Hexanone	11.200	43	1077997	282.106	ug/l	94
60) Dibromochloromethane	11.359	129	270384	52.823	ug/l	99
61) 1,2-Dibromoethane	11.470	107	241723	52.154	ug/l	99
64) Tetrachloroethene	11.106	164	196450	44.170	ug/l	97
65) Chlorobenzene	11.894	112	659410	47.622	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	251305	47.182	ug/l	97
67) Ethyl Benzene	11.965	91	1156973	49.980	ug/l	96
68) m/p-Xylenes	12.070	106	875912	101.977	ug/l	97
69) o-Xylene	12.400	106	420983	49.904	ug/l	97
70) Styrene	12.412	104	641180	52.266	ug/l	98
71) Bromoform	12.582	173	177674	47.157	ug/l #	99
73) Isopropylbenzene	12.700	105	1033594	50.511	ug/l	100
74) N-amyl acetate	12.494	43	394459	54.641	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	342311	48.475	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	442180	68.763	ug/l	72
77) Bromobenzene	12.982	156	263188	48.426	ug/l	97
78) n-propylbenzene	13.041	91	1184662	50.625	ug/l	99
79) 2-Chlorotoluene	13.129	91	749676	49.073	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	857943	49.653	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	110028	46.348	ug/l #	86
82) 4-Chlorotoluene	13.223	91	760720	48.692	ug/l	99
83) tert-Butylbenzene	13.441	119	691289	47.869	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	883459	50.496	ug/l	100
85) sec-Butylbenzene	13.617	105	927313	48.525	ug/l	100
86) p-Isopropyltoluene	13.729	119	821651	45.428	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	453037	46.253	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	452594	45.967	ug/l	99
89) n-Butylbenzene	14.059	91	685135	47.972	ug/l	99
90) Hexachloroethane	14.335	117	139672	46.821	ug/l	85
91) 1,2-Dichlorobenzene	14.111	146	441569	46.707	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	62896	43.154	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	239729	48.062	ug/l	96
94) Hexachlorobutadiene	15.505	225	109859	42.679	ug/l	99
95) Naphthalene	15.641	128	765466	49.309	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	230746	45.760	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
Data File : VN080615.D
Acq On : 29 Dec 2023 15:15
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

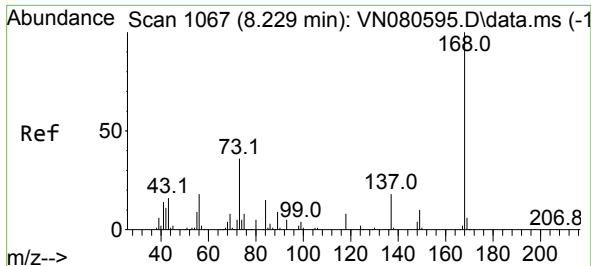
Quant Time: Dec 29 23:43:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 28 03:07:01 2023
Response via : Initial Calibration

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

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

Quant Time: Dec 29 23:43:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 28 03:07:01 2023
Response via : Initial Calibration

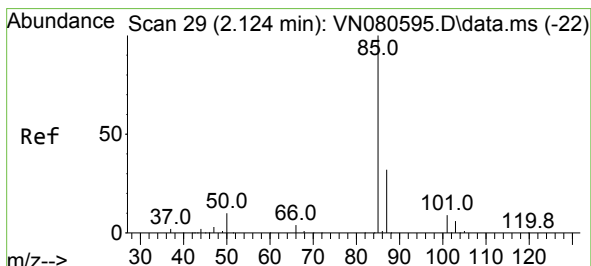
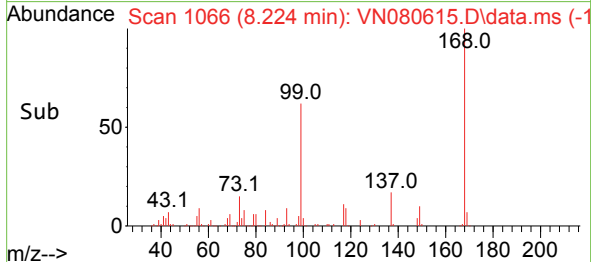
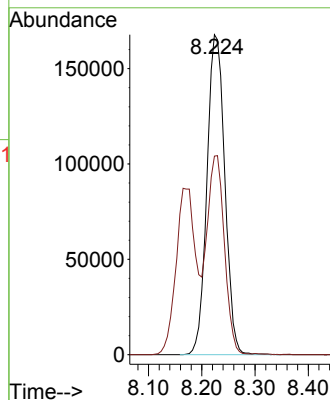
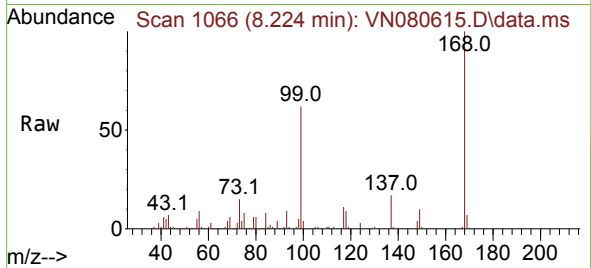




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

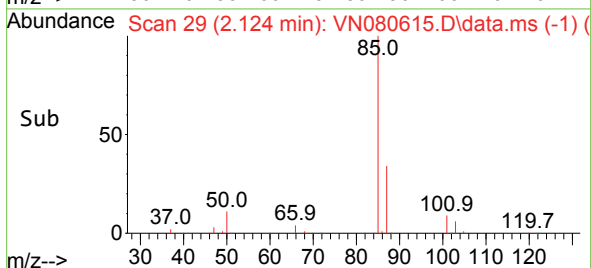
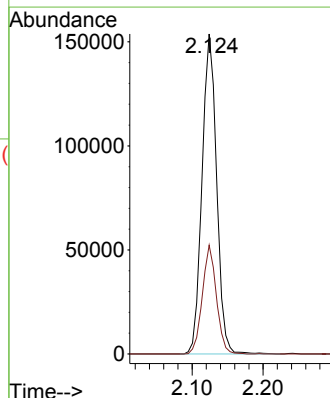
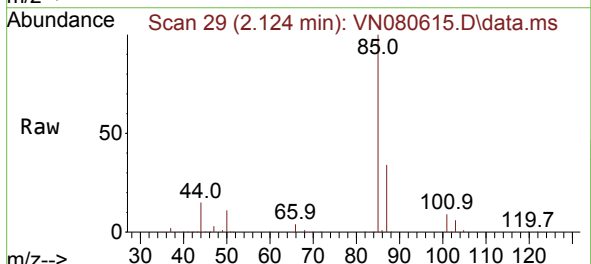
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

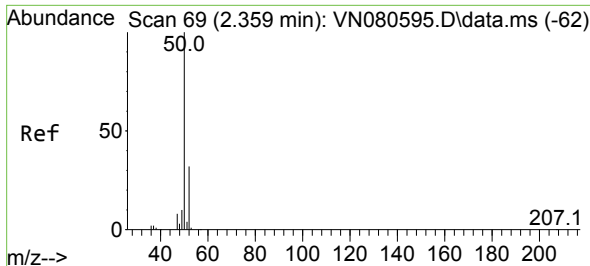
Tgt Ion:168 Resp: 390121
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 50.784 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 85 Resp: 220081
Ion Ratio Lower Upper
85 100
87 34.0 15.8 47.4

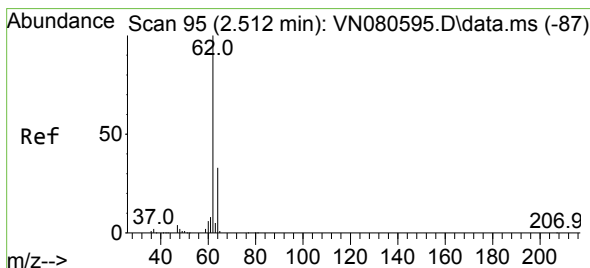
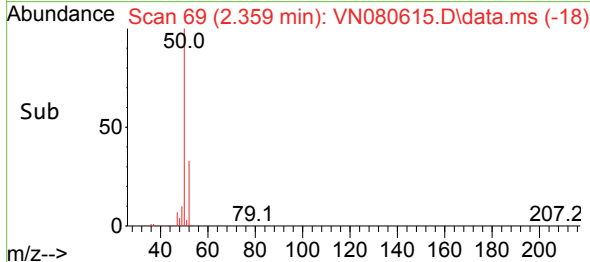
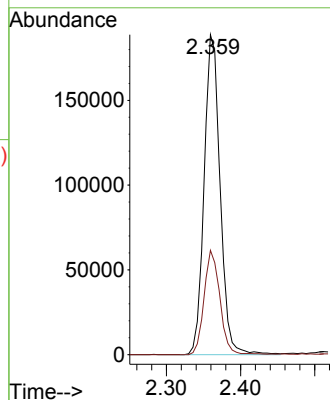
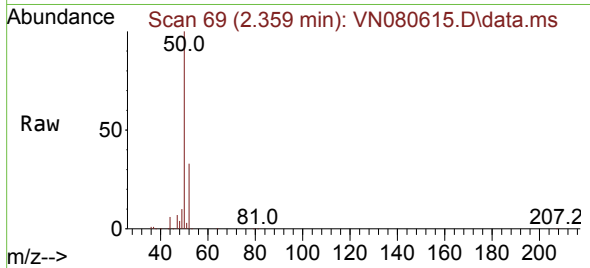




#3
Chloromethane
Concen: 59.096 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

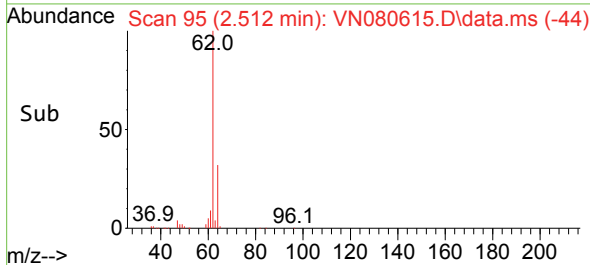
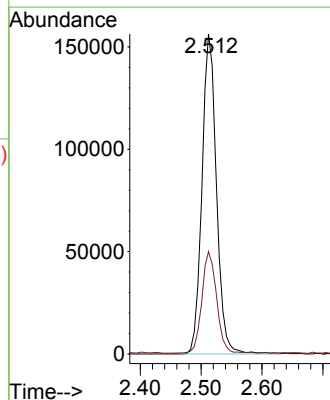
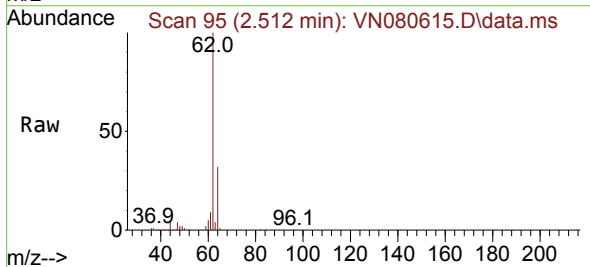
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

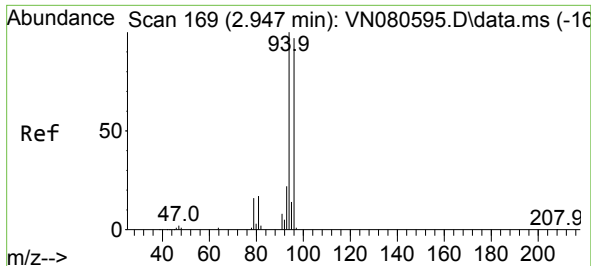
Tgt Ion: 50 Resp: 283253
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7



#4
Vinyl Chloride
Concen: 53.626 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 62 Resp: 258616
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2

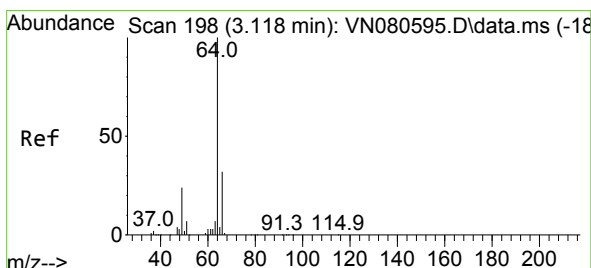
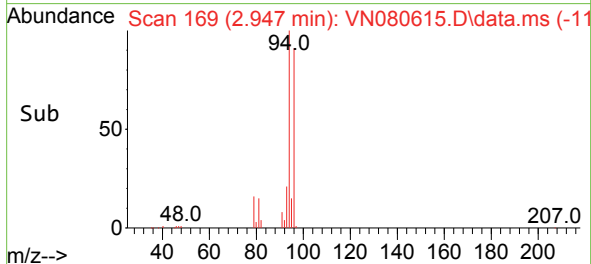
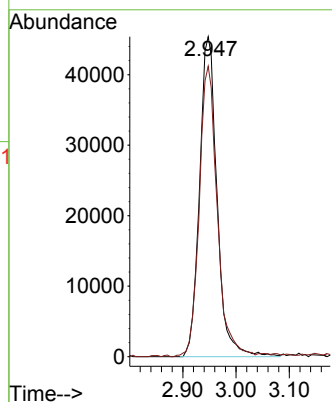
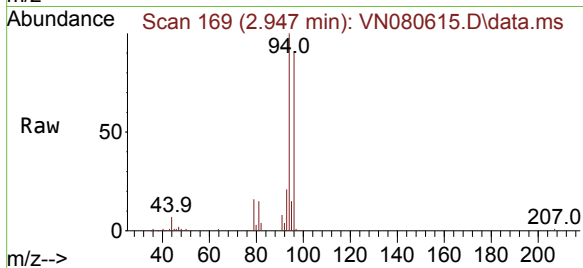




#5
Bromomethane
Concen: 56.545 ug/l
RT: 2.947 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

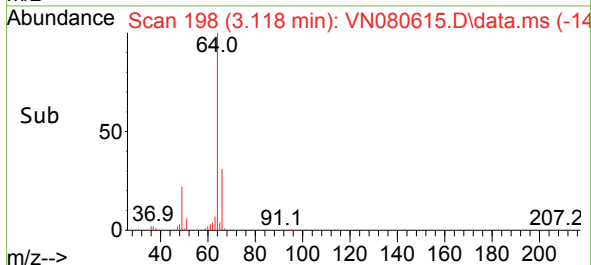
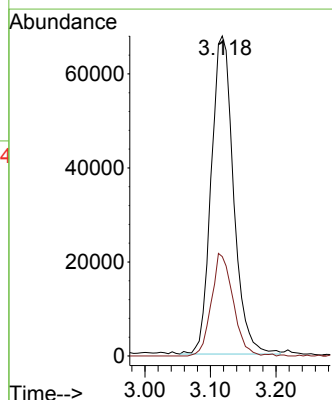
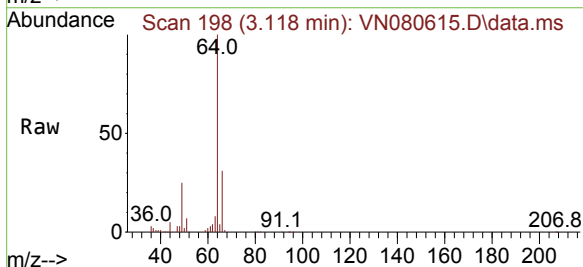
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

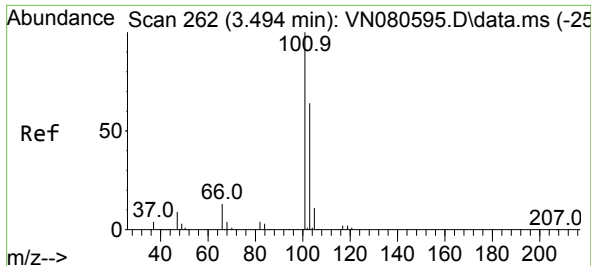
Tgt Ion: 94 Resp: 103625
Ion Ratio Lower Upper
94 100
96 90.2 73.1 109.7



#6
Chloroethane
Concen: 53.094 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 64 Resp: 159859
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.2

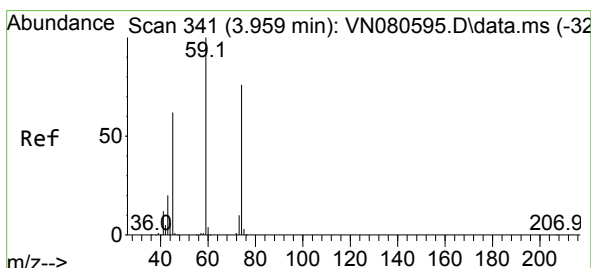
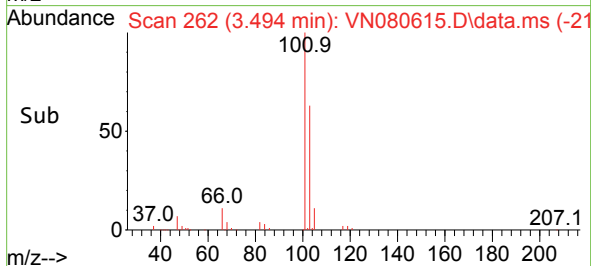
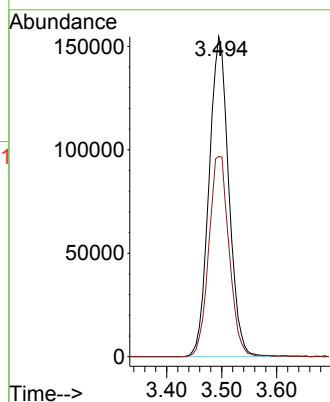
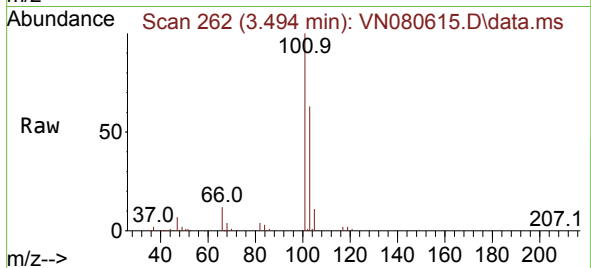




#7
Trichlorofluoromethane
Concen: 56.181 ug/l
RT: 3.494 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

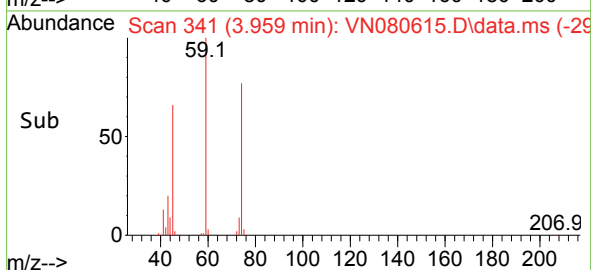
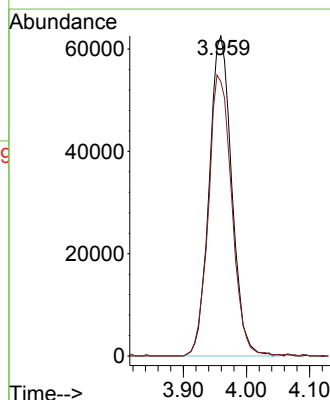
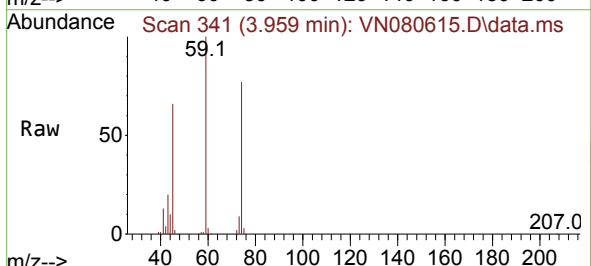
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

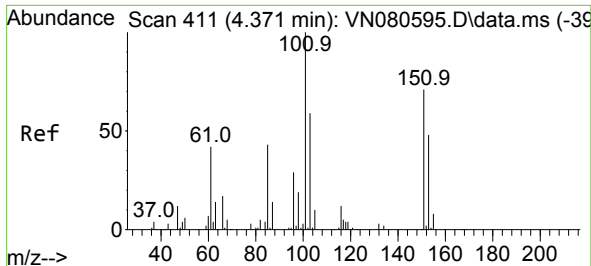
Tgt Ion:101 Resp: 386865
Ion Ratio Lower Upper
101 100
103 62.6 50.7 76.1



#8
Diethyl Ether
Concen: 65.769 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 74 Resp: 155529
Ion Ratio Lower Upper
74 100
45 90.7 34.4 103.3

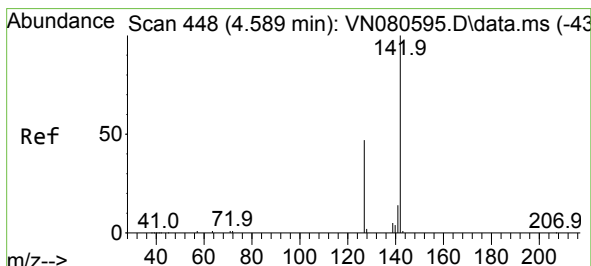
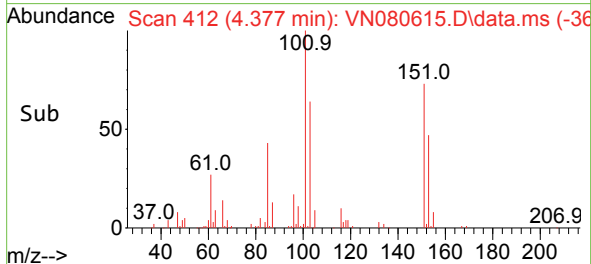
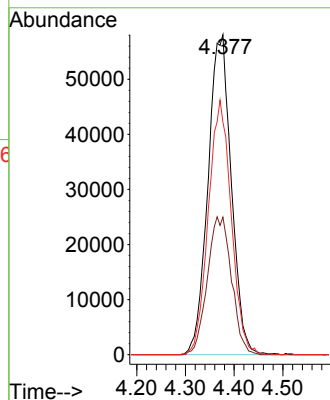
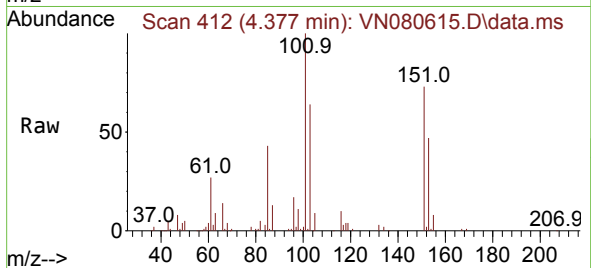




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.304 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

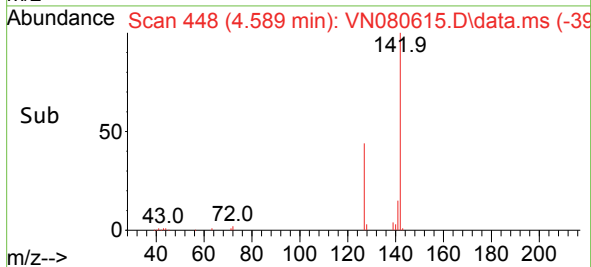
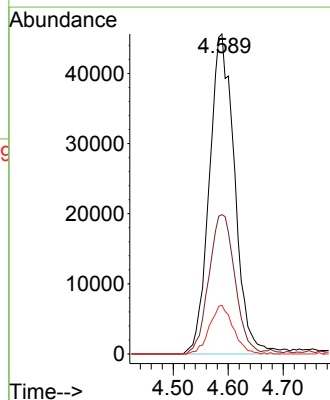
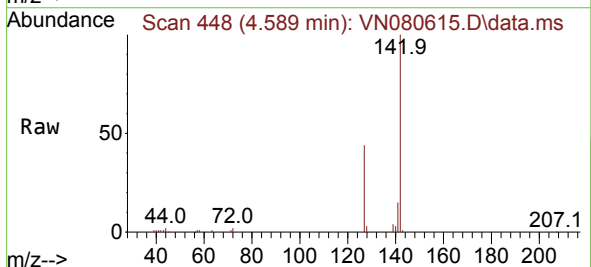
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

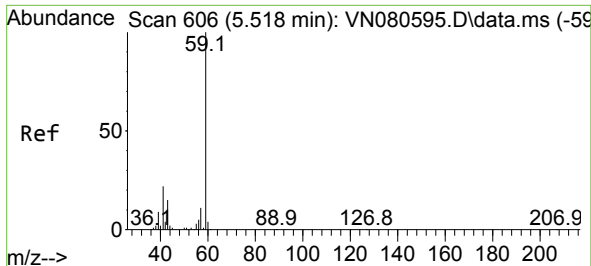
Tgt Ion:101 Resp: 192849
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 78.0 57.6 86.4



#10
Methyl Iodide
Concen: 56.127 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion:142 Resp: 145763
Ion Ratio Lower Upper
142 100
127 43.6 37.6 56.4
141 15.2 11.4 17.0

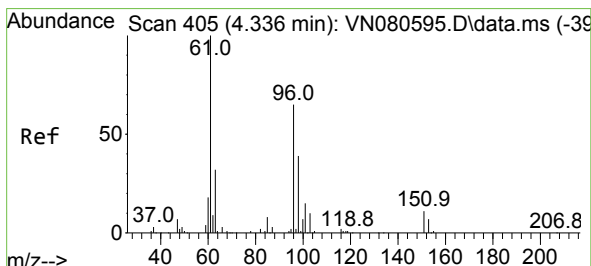
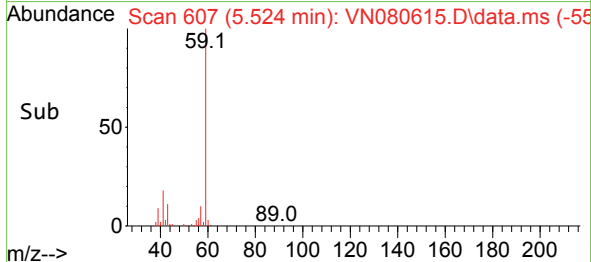
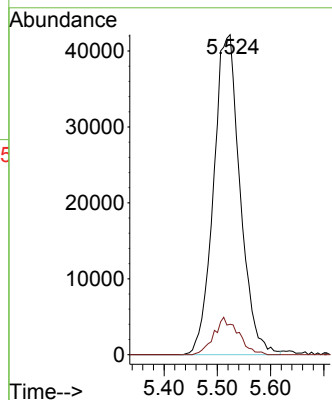
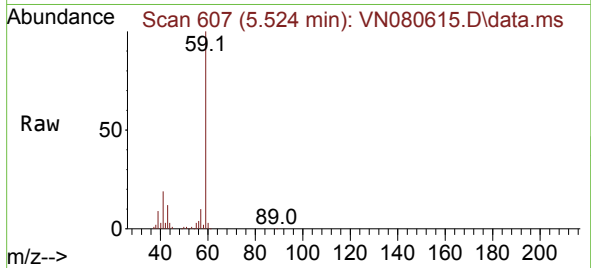




#11
Tert butyl alcohol
Concen: 216.255 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

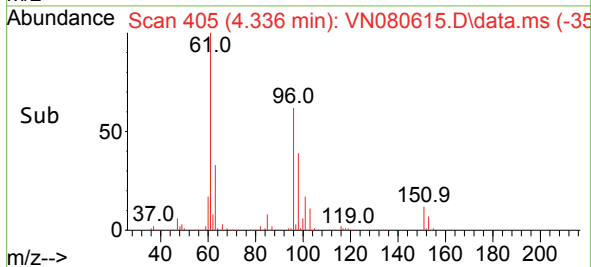
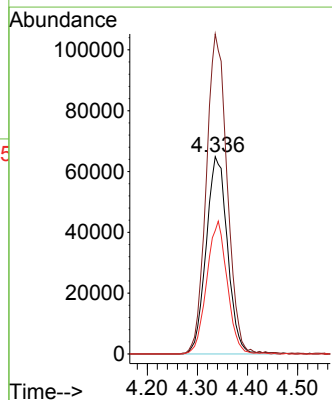
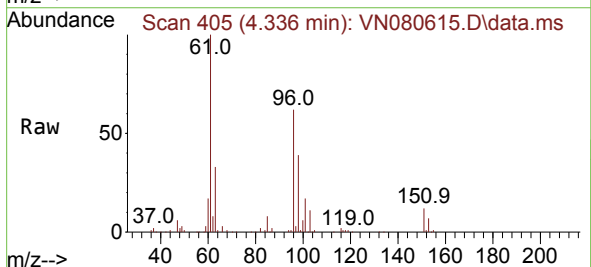
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

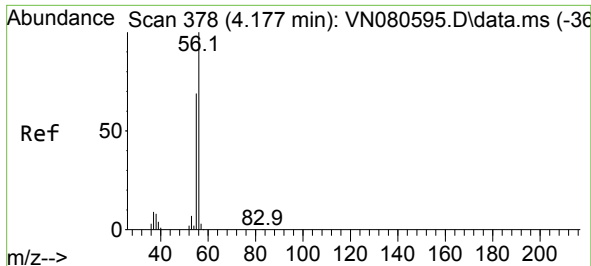
Tgt Ion: 59 Resp: 145589
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 53.240 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 96 Resp: 191958
Ion Ratio Lower Upper
96 100
61 162.2 112.7 169.1
98 62.6 51.2 76.8

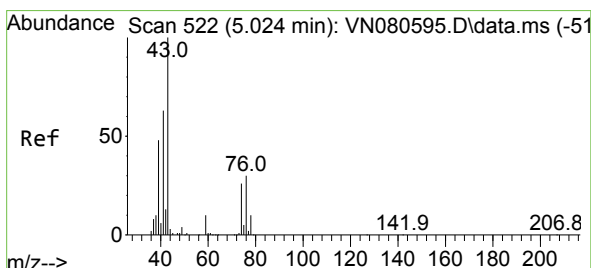
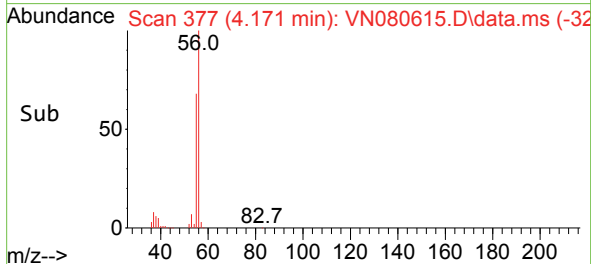
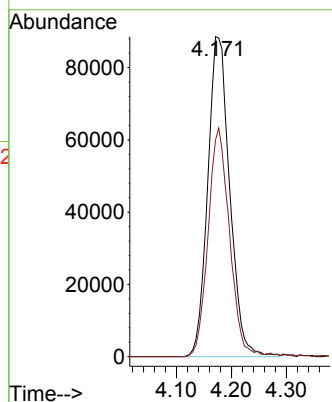
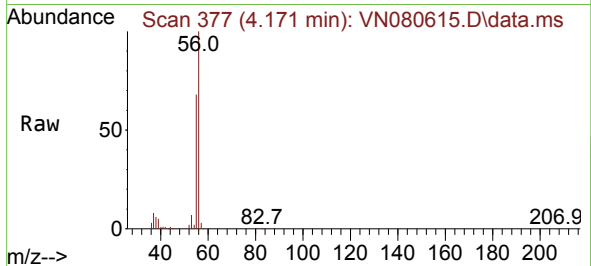




#13
Acrolein
Concen: 323.557 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

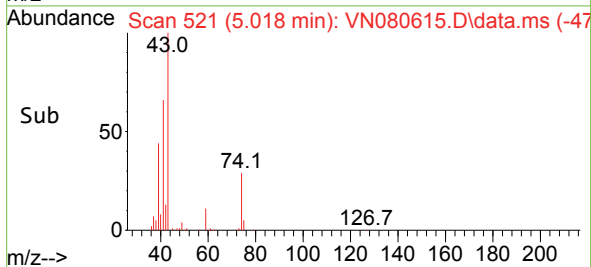
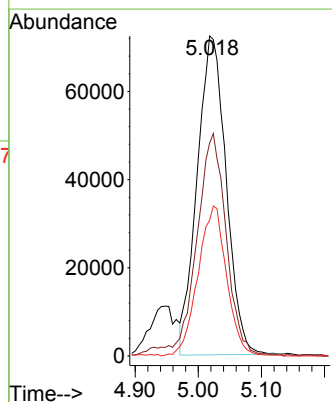
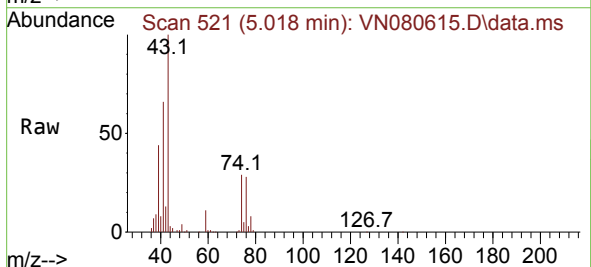
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

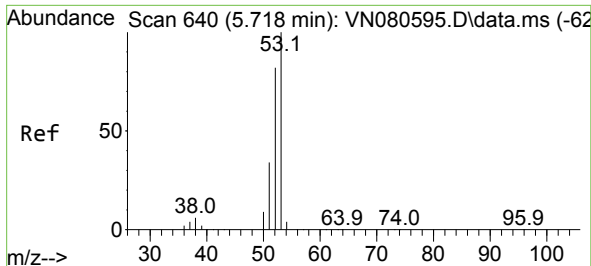
Tgt Ion: 56 Resp: 246284
Ion Ratio Lower Upper
56 100
55 69.3 54.5 81.7



#14
Allyl chloride
Concen: 42.110 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 41 Resp: 230503
Ion Ratio Lower Upper
41 100
39 72.4 58.8 88.2
76 46.6 39.1 58.7

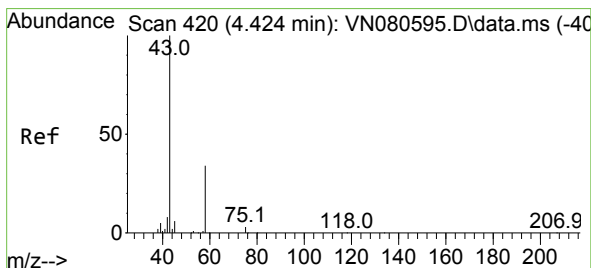
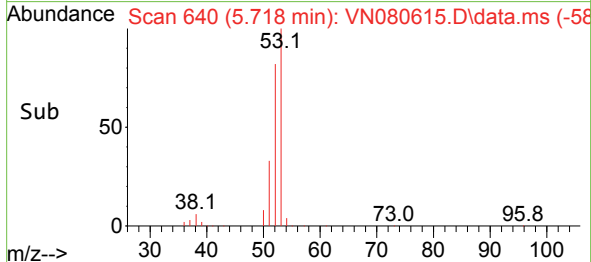
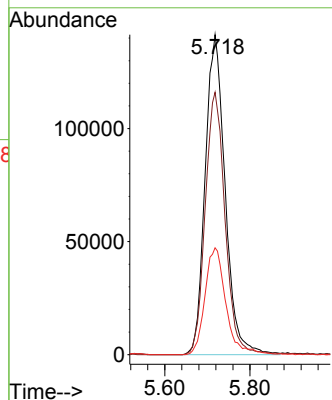
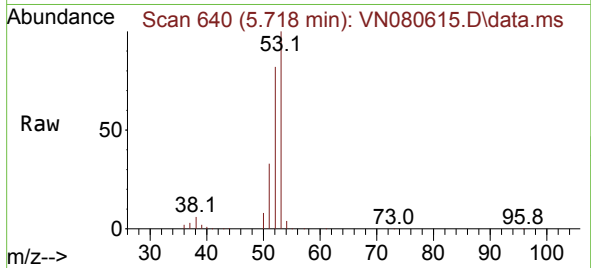




#15
Acrylonitrile
Concen: 240.270 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

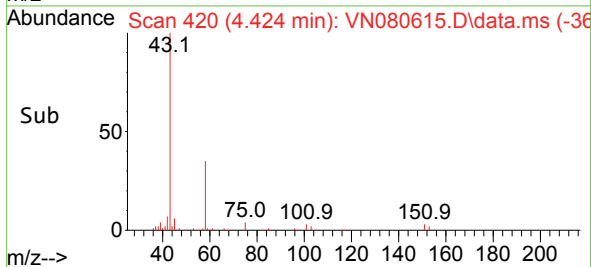
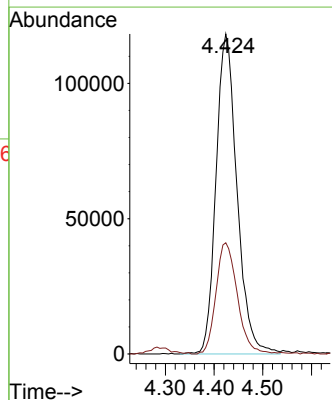
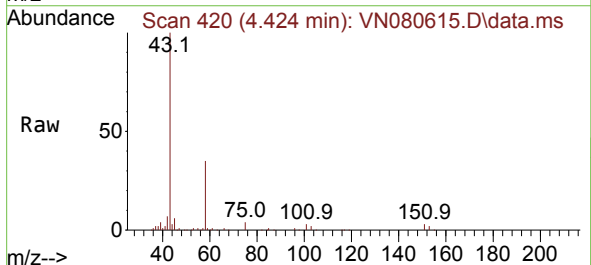
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

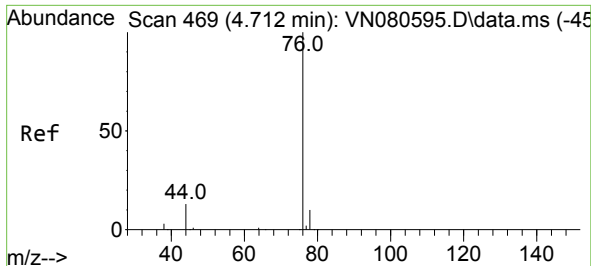
Tgt Ion: 53 Resp: 461349
Ion Ratio Lower Upper
53 100
52 81.4 65.3 97.9
51 34.8 28.9 43.3



#16
Acetone
Concen: 260.219 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 43 Resp: 353975
Ion Ratio Lower Upper
43 100
58 34.3 28.0 42.0

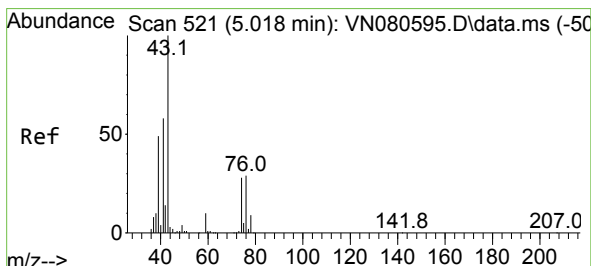
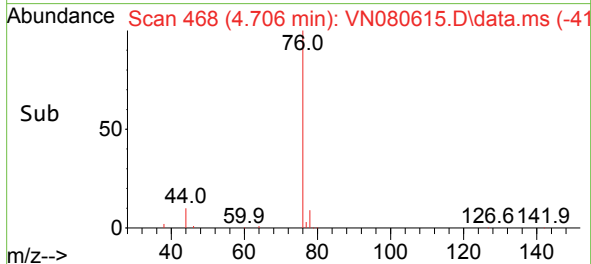
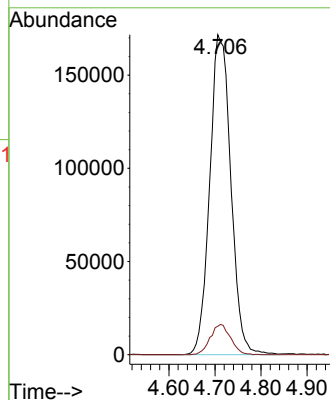
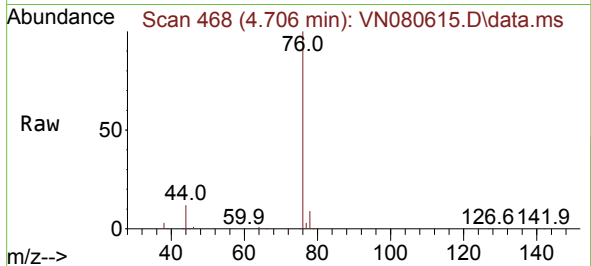




#17
Carbon Disulfide
Concen: 56.435 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

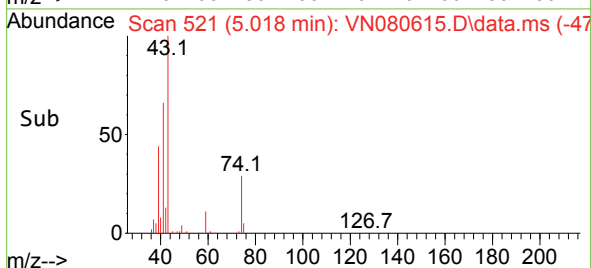
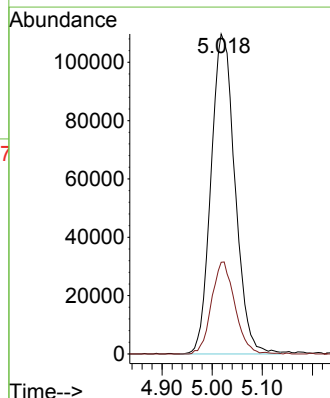
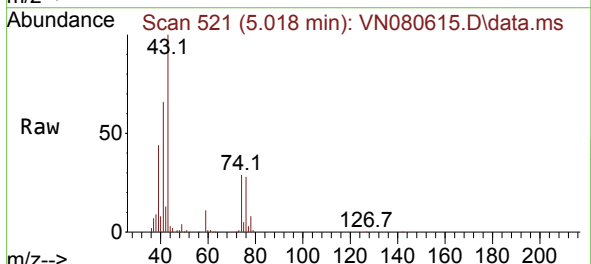
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

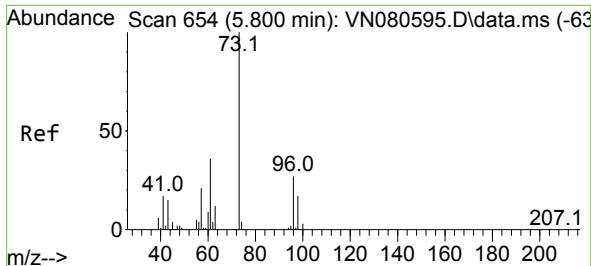
Tgt Ion: 76 Resp: 547181
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 48.278 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 43 Resp: 364098
Ion Ratio Lower Upper
43 100
74 28.1 26.2 39.4

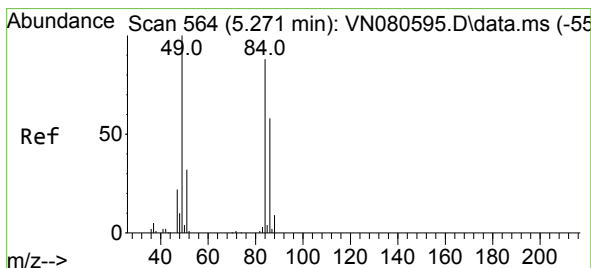
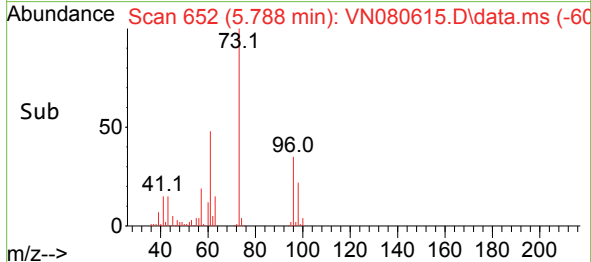
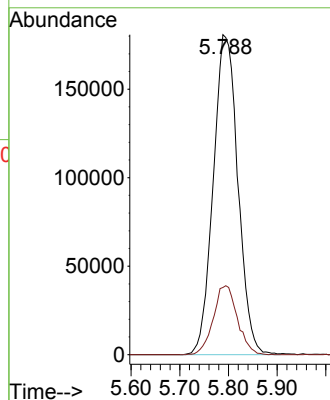
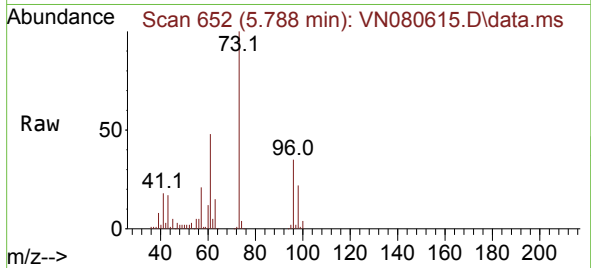




#19
Methyl tert-butyl Ether
Concen: 48.991 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

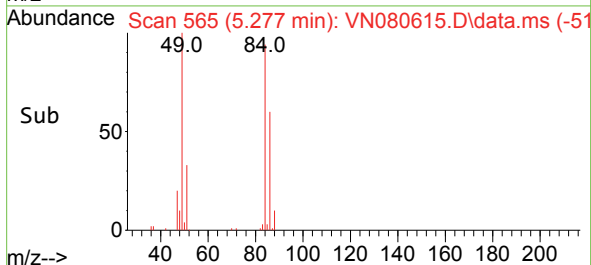
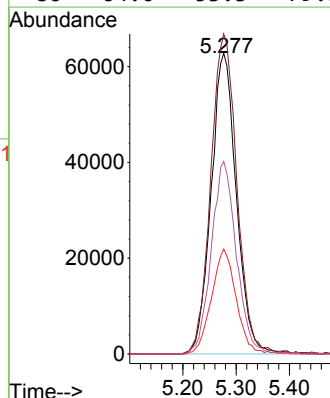
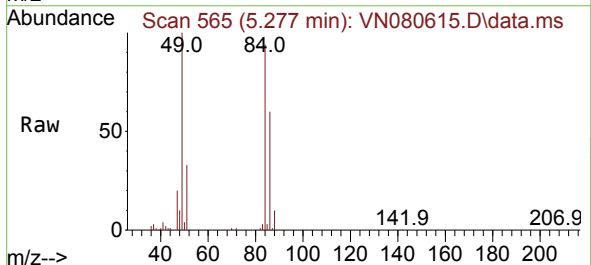
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

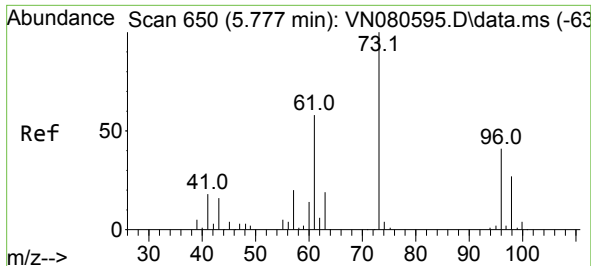
Tgt Ion: 73 Resp: 635931
Ion Ratio Lower Upper
73 100
57 21.0 15.6 23.4



#20
Methylene Chloride
Concen: 47.536 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 84 Resp: 206324
Ion Ratio Lower Upper
84 100
49 106.4 79.7 119.5
51 34.9 25.2 37.8
86 64.0 53.3 79.9

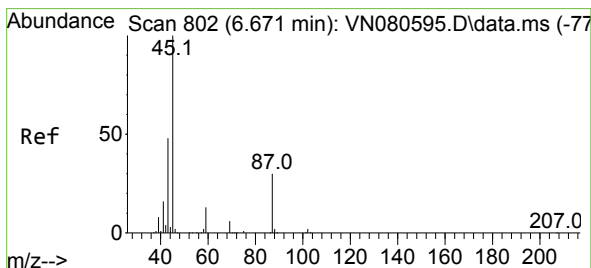
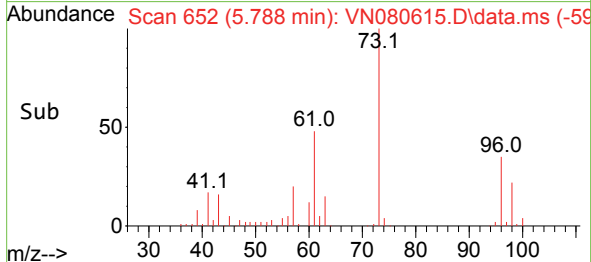
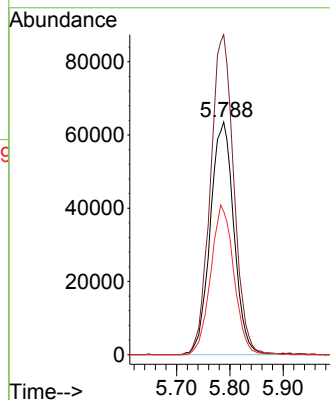
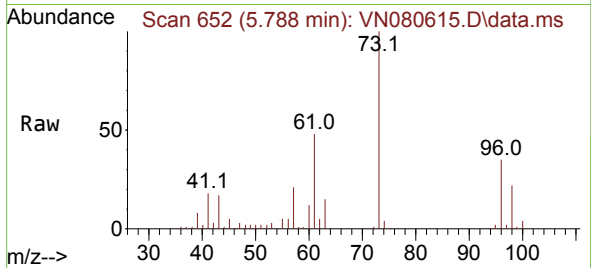




#21
trans-1,2-Dichloroethene
Concen: 45.004 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

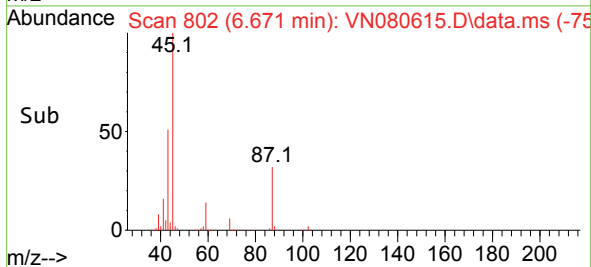
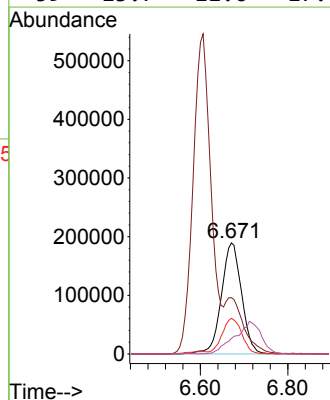
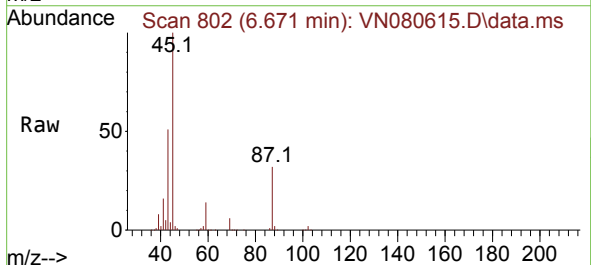
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

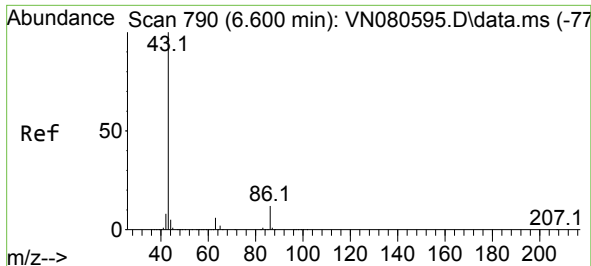
Tgt Ion: 96 Resp: 196053
Ion Ratio Lower Upper
96 100
61 137.6 90.1 135.1#
98 61.6 46.4 69.6



#22
Diisopropyl ether
Concen: 49.756 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 45 Resp: 604949
Ion Ratio Lower Upper
45 100
43 50.1 45.5 68.3
87 32.2 31.8 47.8
59 13.7 11.6 17.4

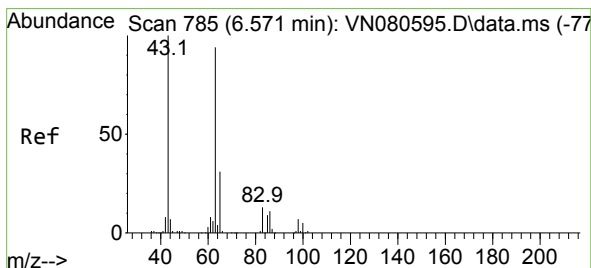
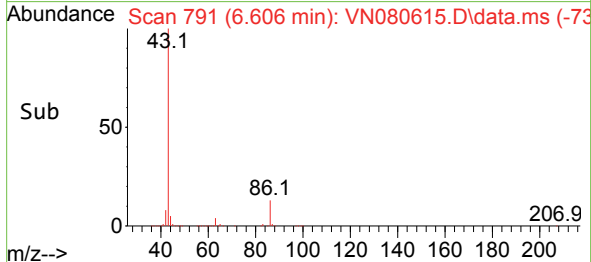
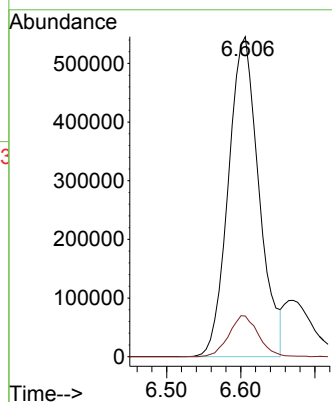
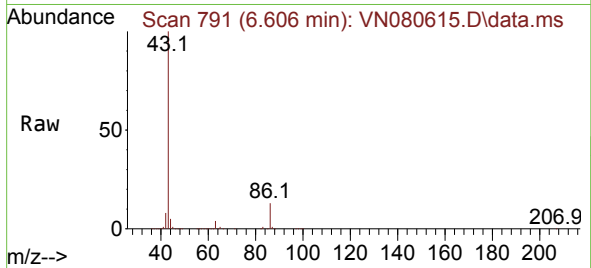




#23
 Vinyl Acetate
 Concen: 232.457 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080615.D
 Acq: 29 Dec 2023 15:15

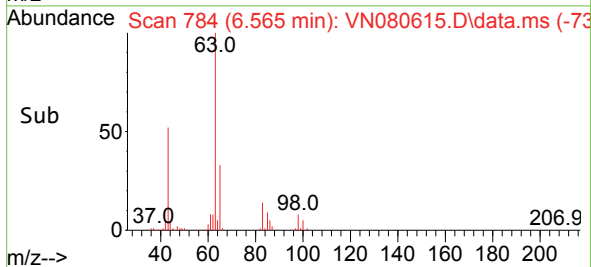
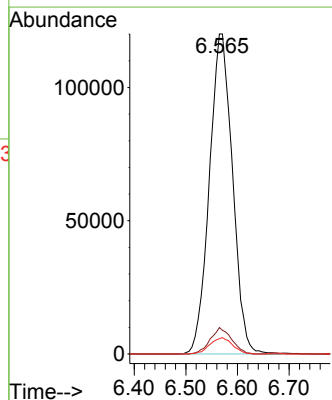
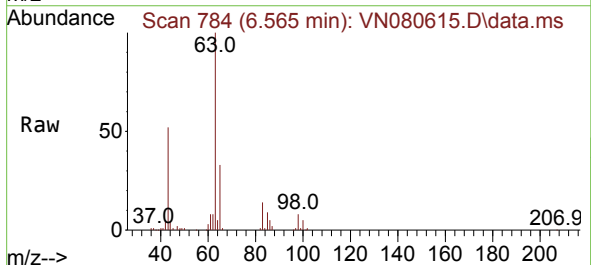
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

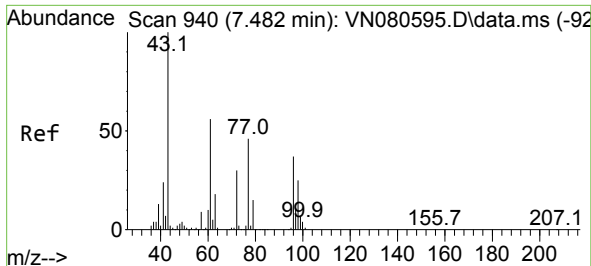
Tgt Ion: 43 Resp: 1567548
 Ion Ratio Lower Upper
 43 100
 86 12.7 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 45.814 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080615.D
 Acq: 29 Dec 2023 15:15

Tgt Ion: 63 Resp: 373354
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.9 11.7
 100 4.8 2.5 7.4

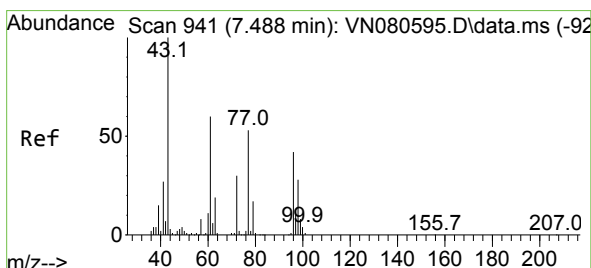
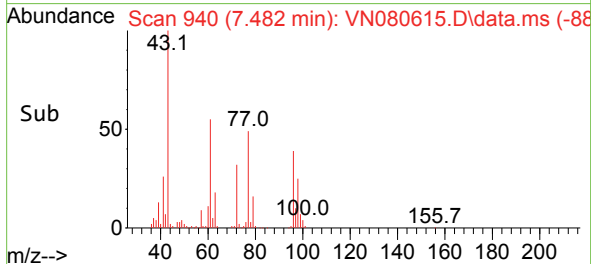
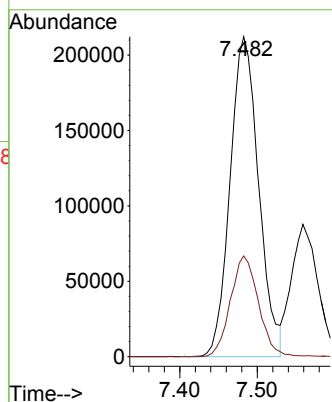
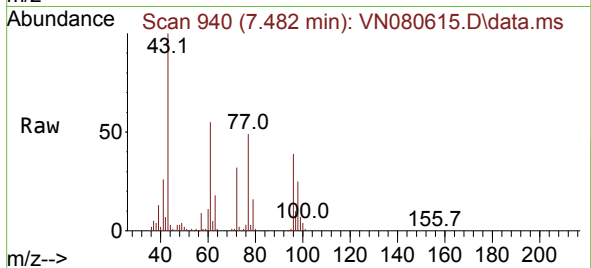




#25
2-Butanone
Concen: 214.238 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

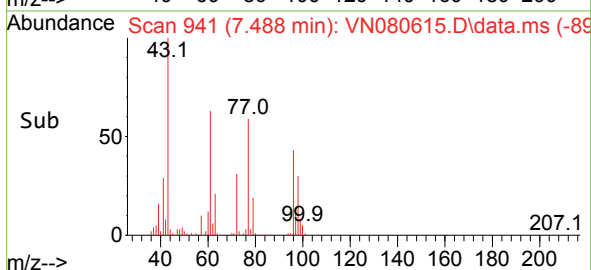
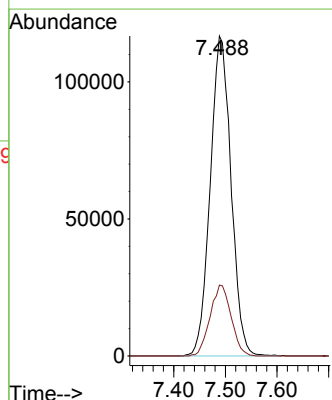
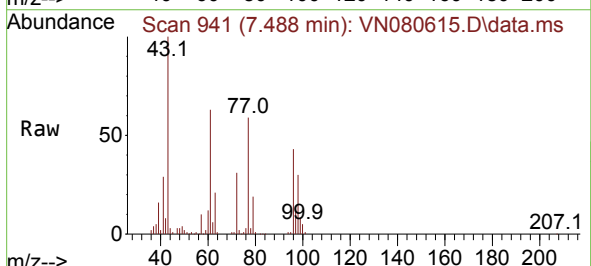
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

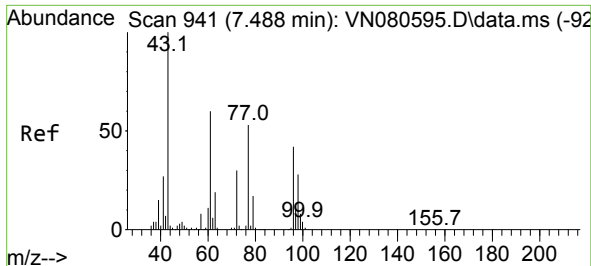
Tgt Ion: 43 Resp: 544689
Ion Ratio Lower Upper
43 100
72 31.5 30.2 45.2



#26
2,2-Dichloropropane
Concen: 45.981 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 77 Resp: 326181
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6

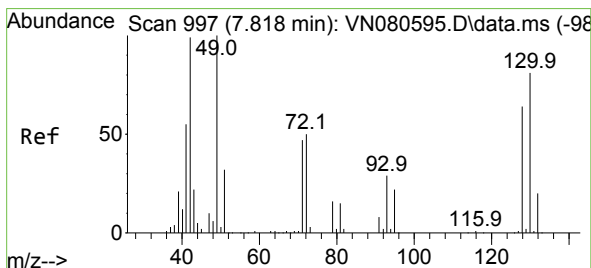
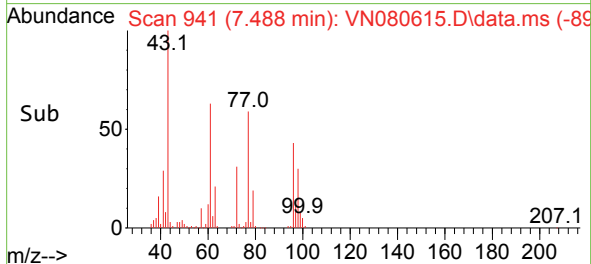
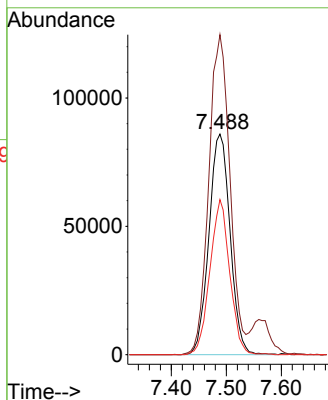
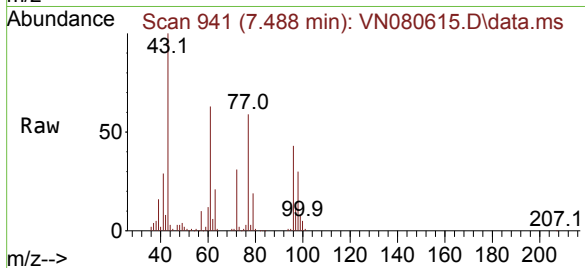




#27
 cis-1,2-Dichloroethene
 Concen: 44.391 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080615.D
 Acq: 29 Dec 2023 15:15

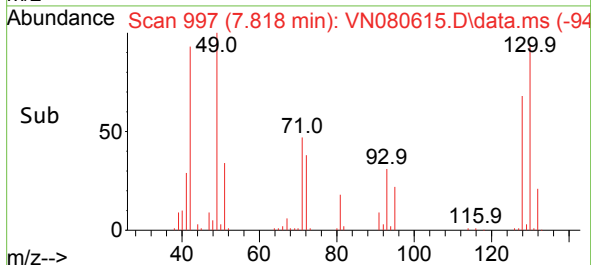
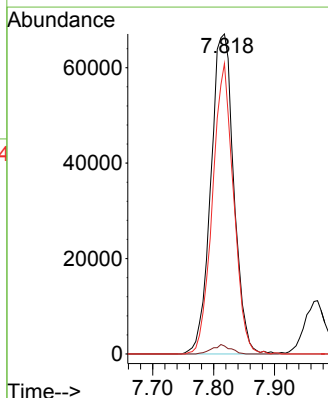
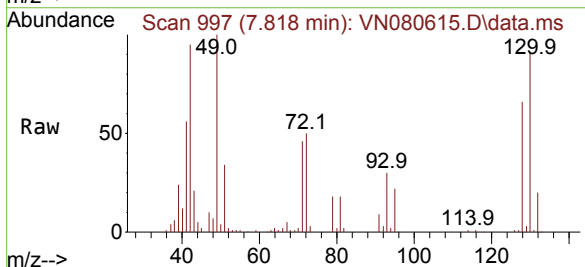
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

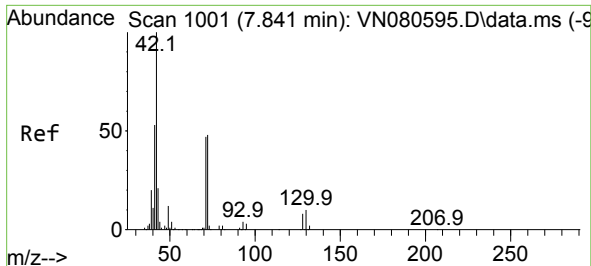
Tgt Ion: 96 Resp: 230012
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 255.2
 98 65.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 46.457 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080615.D
 Acq: 29 Dec 2023 15:15

Tgt Ion: 49 Resp: 176036
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 82.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 224.944 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

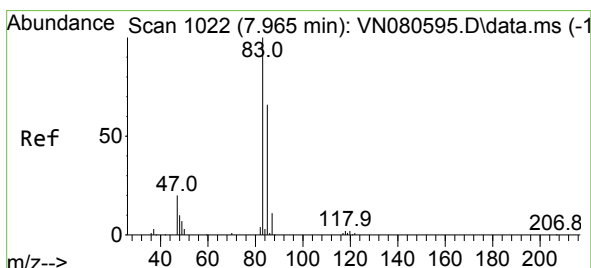
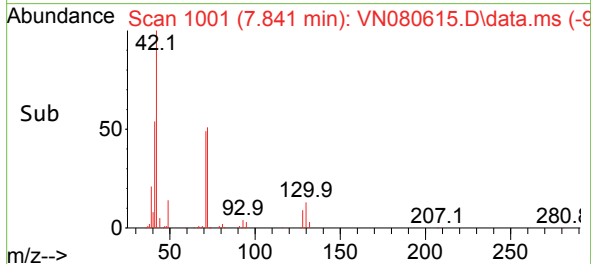
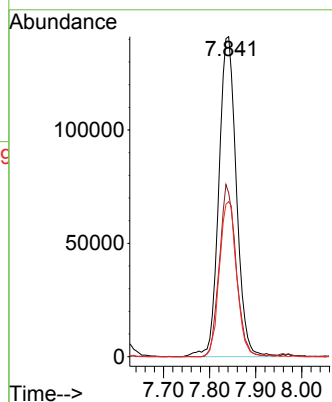
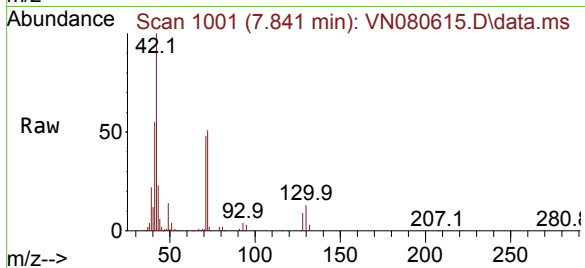
Tgt Ion: 42 Resp: 372978

Ion Ratio Lower Upper

42 100

72 51.0 49.8 74.6

71 47.6 47.4 71.2



#30

Chloroform

Concen: 48.471 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080615.D

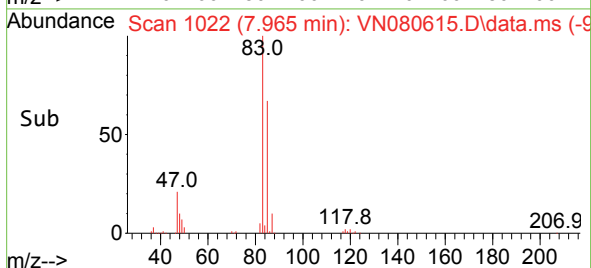
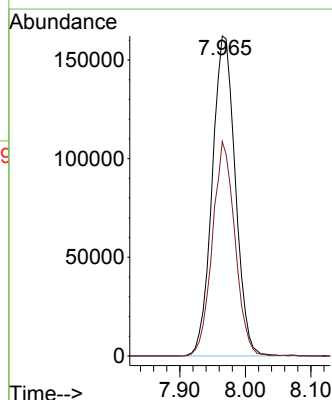
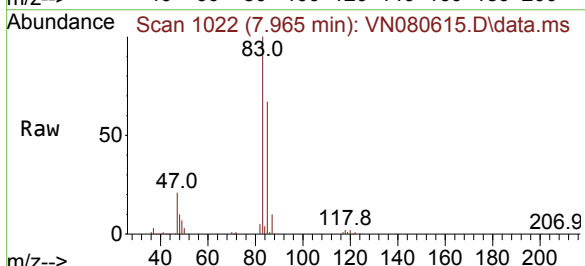
Acq: 29 Dec 2023 15:15

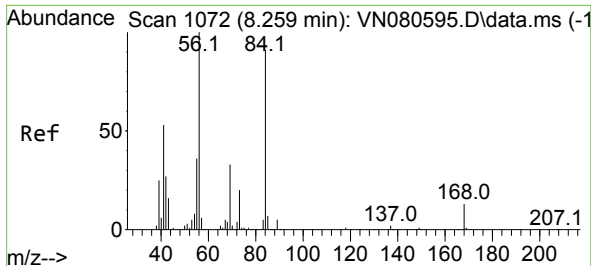
Tgt Ion: 83 Resp: 396577

Ion Ratio Lower Upper

83 100

85 67.0 55.4 83.0

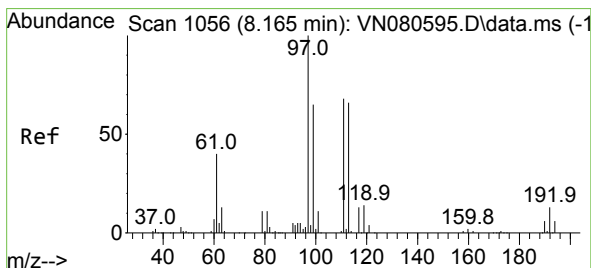
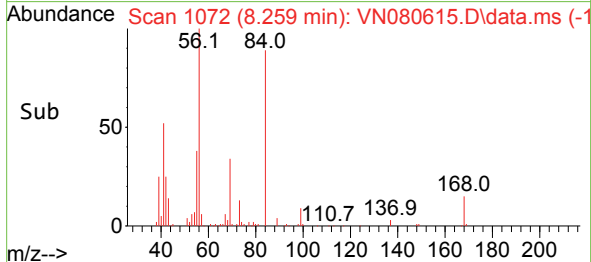
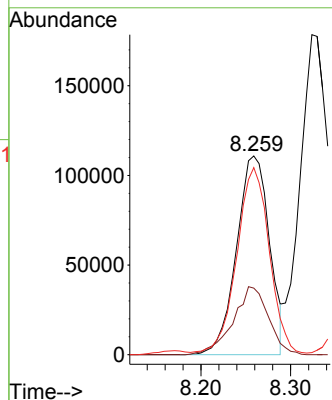
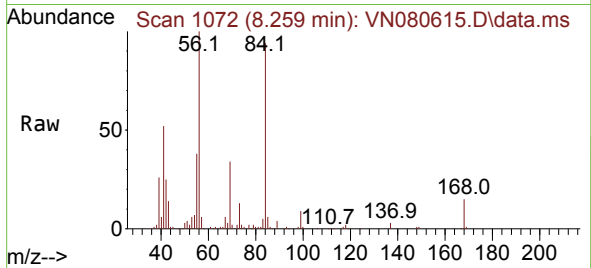




#31
Cyclohexane
Concen: 41.704 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

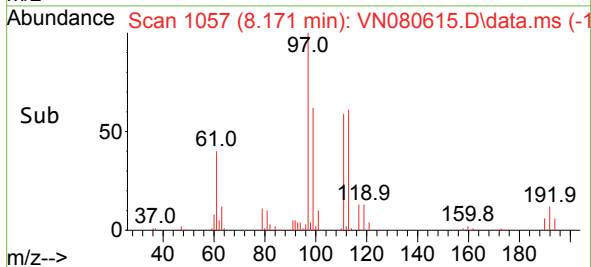
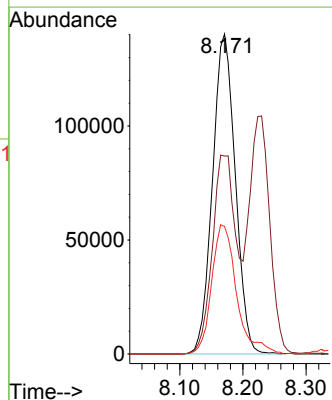
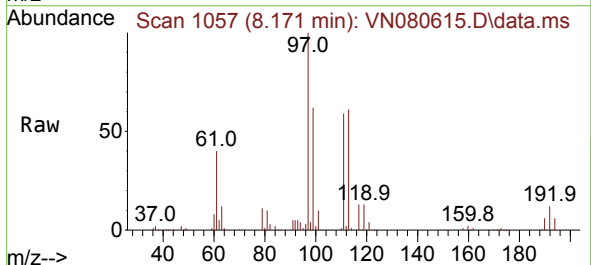
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

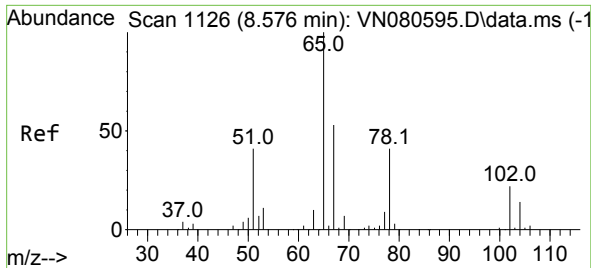
Tgt Ion: 56 Resp: 282357
Ion Ratio Lower Upper
56 100
69 33.1 26.8 40.2
84 92.3 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 47.655 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 97 Resp: 351572
Ion Ratio Lower Upper
97 100
99 65.9 50.3 75.5
61 44.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.787 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

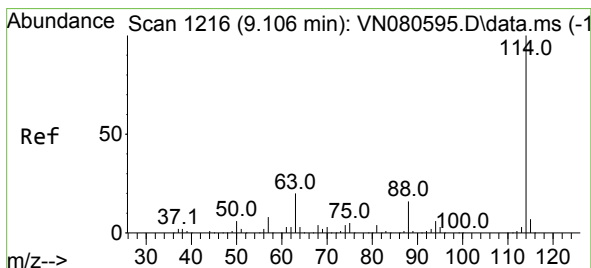
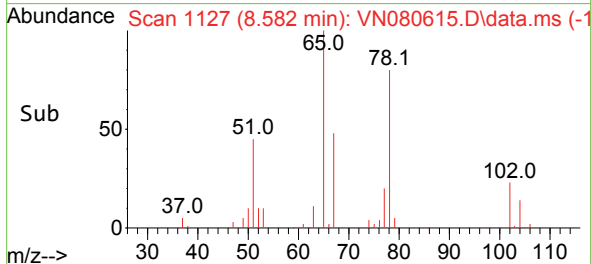
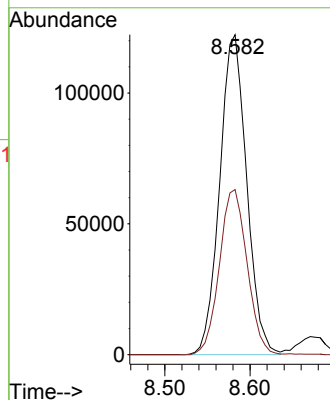
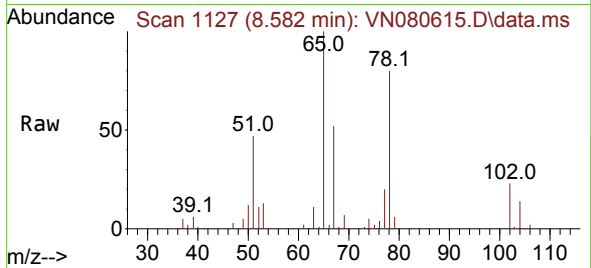
VSTDCCC050EC

Tgt Ion: 65 Resp: 269158

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

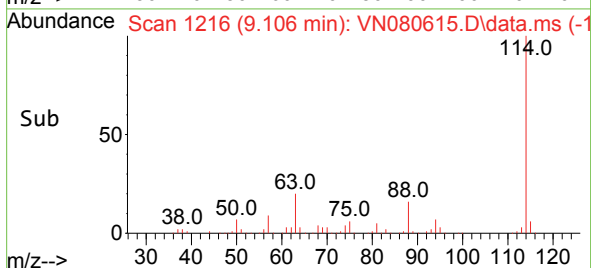
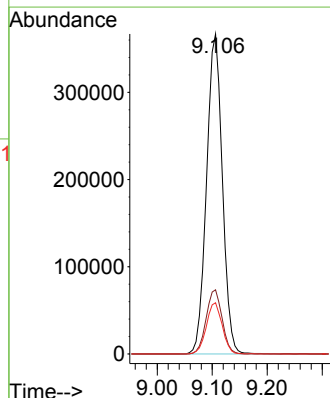
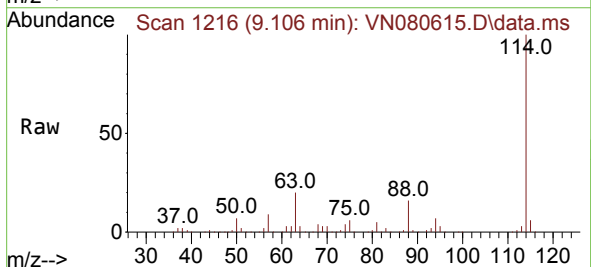
Tgt Ion: 114 Resp: 732233

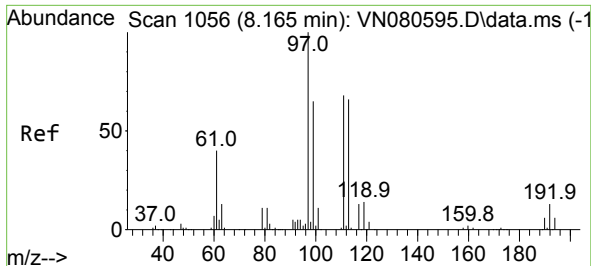
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 16.0 0.0 30.6

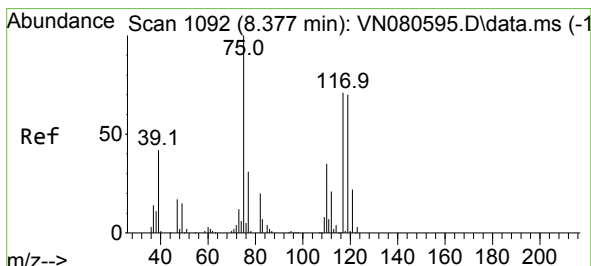
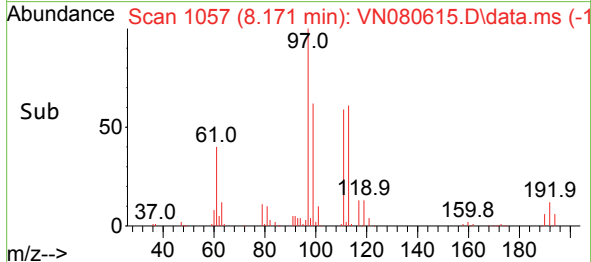
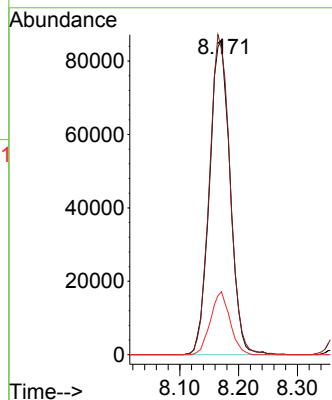
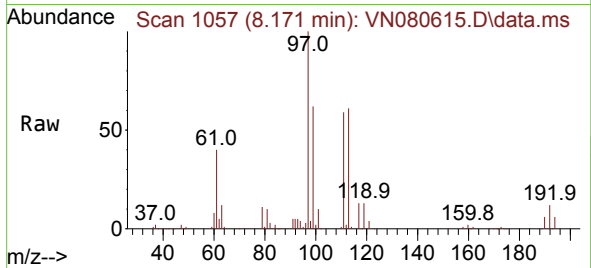




#35
 Dibromofluoromethane
 Concen: 44.009 ug/l
 RT: 8.171 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN080615.D
 Acq: 29 Dec 2023 15:15

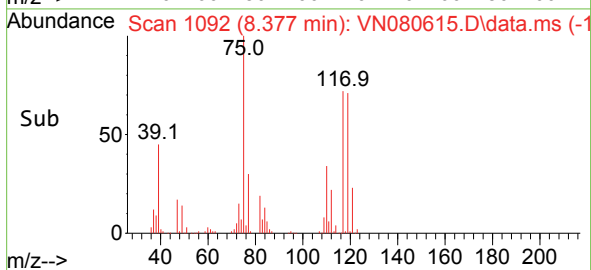
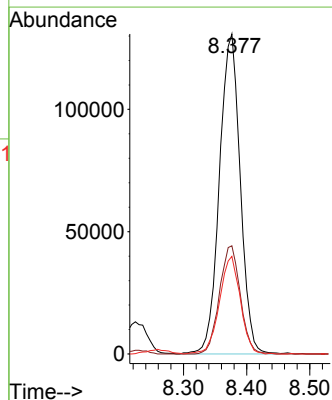
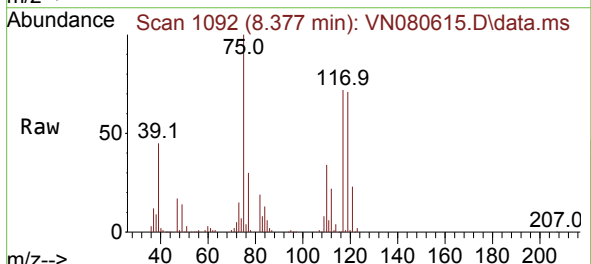
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

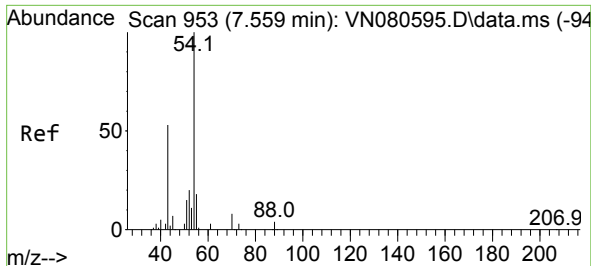
Tgt Ion:113 Resp: 208414
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.6 123.8
 192 19.0 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 41.023 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: VN080615.D
 Acq: 29 Dec 2023 15:15

Tgt Ion: 75 Resp: 298997
 Ion Ratio Lower Upper
 75 100
 110 33.9 19.1 57.3
 77 30.6 25.0 37.4

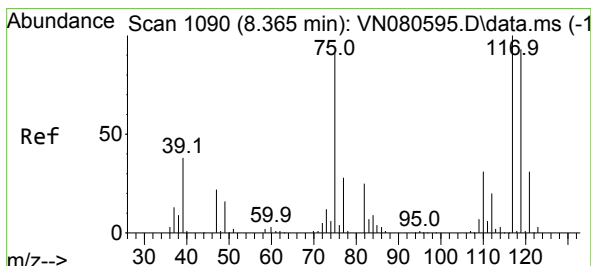
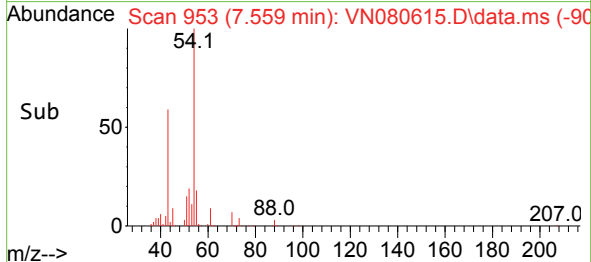
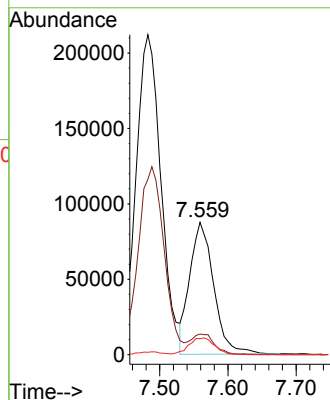
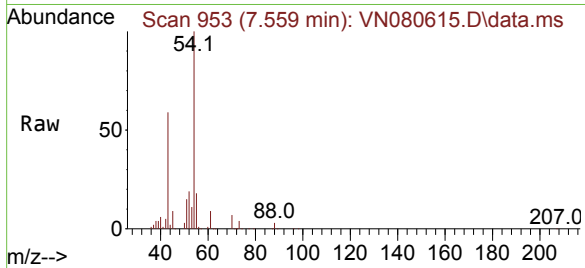




#37
Ethyl Acetate
Concen: 38.865 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

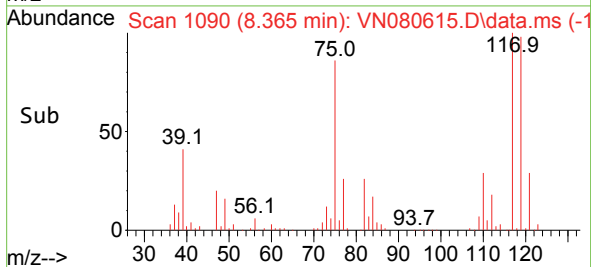
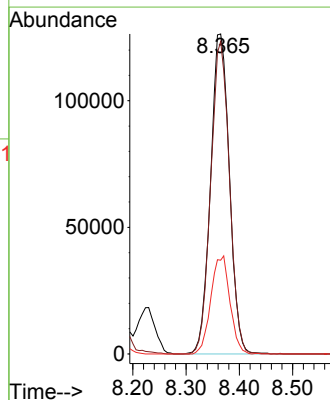
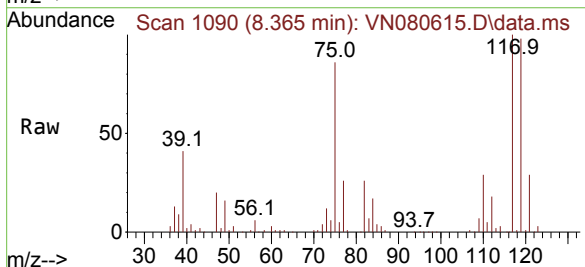
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

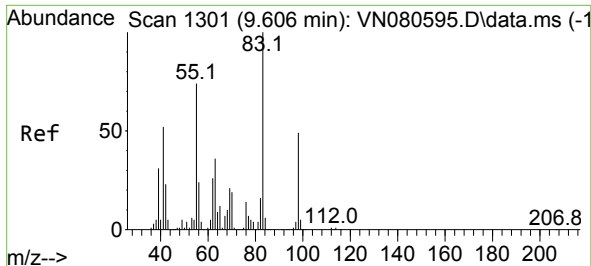
Tgt Ion: 43 Resp: 213741
Ion Ratio Lower Upper
43 100
61 15.1 13.2 19.8
70 13.6 11.3 16.9



#38
Carbon Tetrachloride
Concen: 41.770 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 117 Resp: 311443
Ion Ratio Lower Upper
117 100
119 97.7 77.3 115.9
121 29.3 23.3 34.9





#39

Methylcyclohexane

Concen: 49.548 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

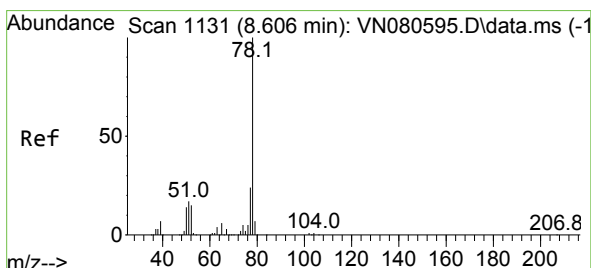
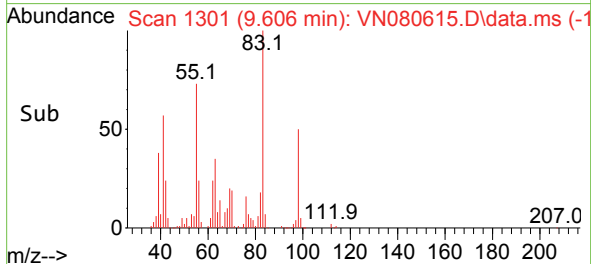
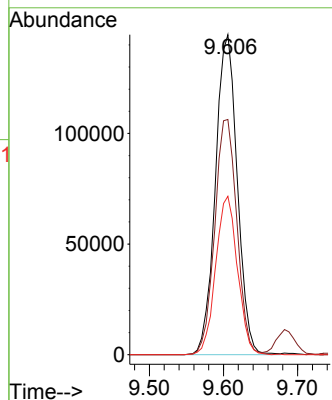
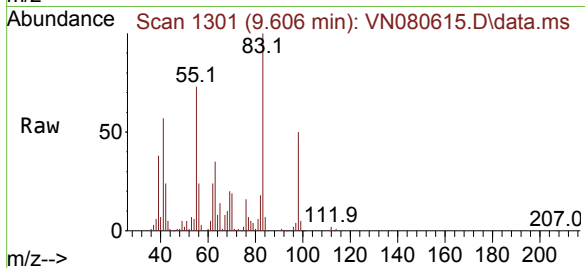
Tgt Ion: 83 Resp: 296199

Ion Ratio Lower Upper

83 100

55 73.5 49.1 73.7

98 49.5 40.6 61.0



#40

Benzene

Concen: 45.761 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN080615.D

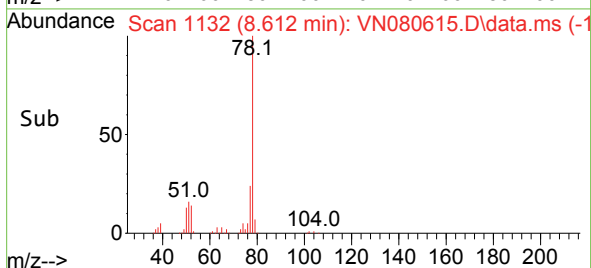
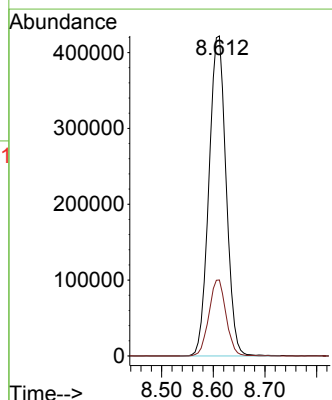
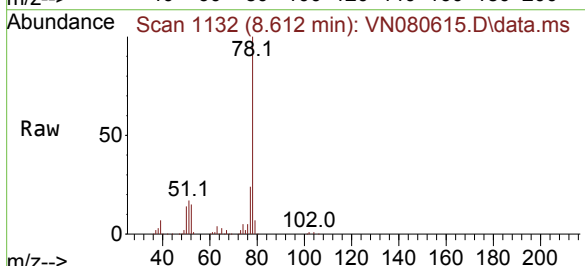
Acq: 29 Dec 2023 15:15

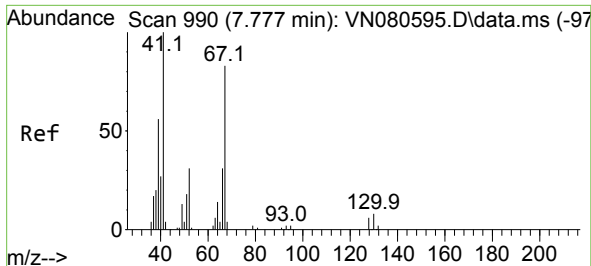
Tgt Ion: 78 Resp: 971900

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

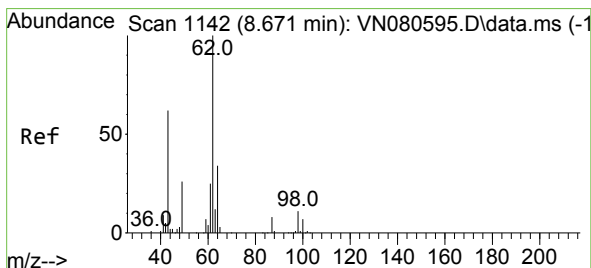
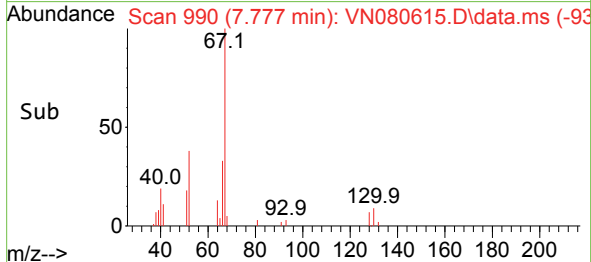
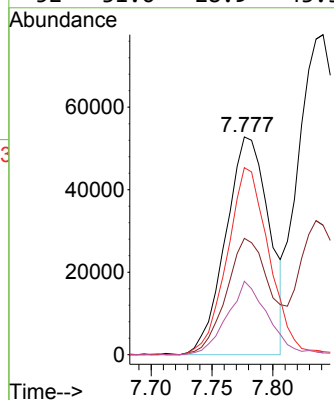
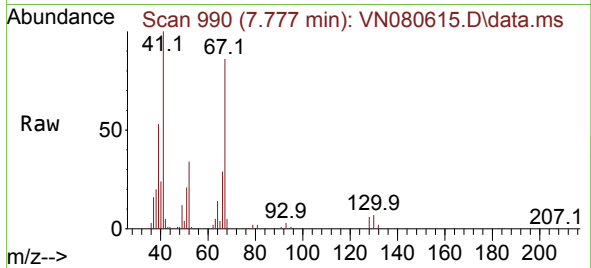




#41
Methacrylonitrile
Concen: 38.771 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

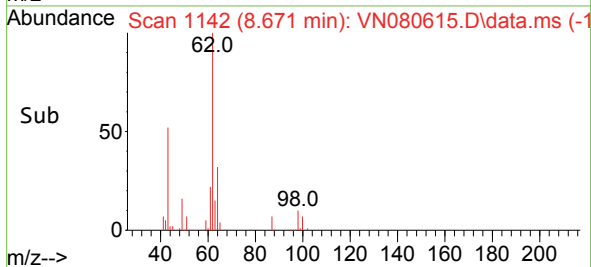
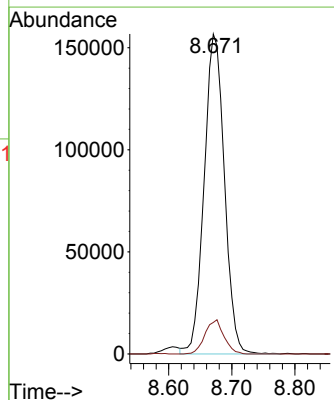
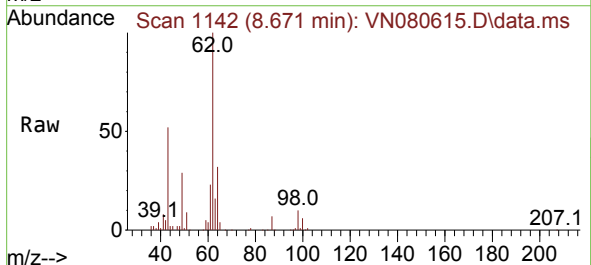
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

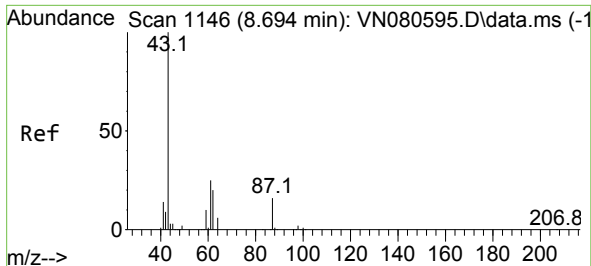
Tgt Ion:	41	Resp:	131491
Ion	Ratio	Lower	Upper
41	100		
39	55.4	42.6	64.0
67	83.3	77.5	116.3
52	31.6	28.9	43.3



#42
1,2-Dichloroethane
Concen: 51.791 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion:	62	Resp:	349755
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8

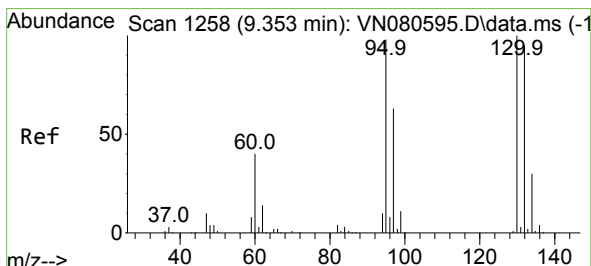
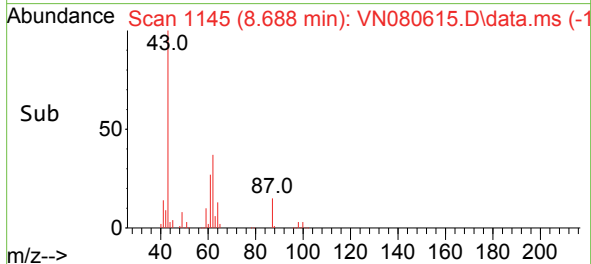
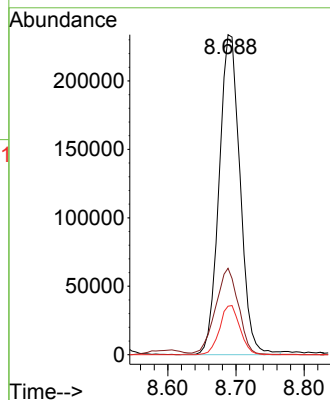
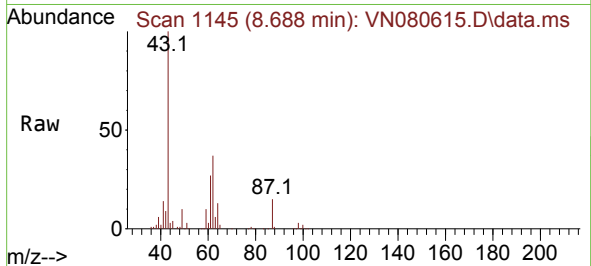




#43
Isopropyl Acetate
Concen: 56.131 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

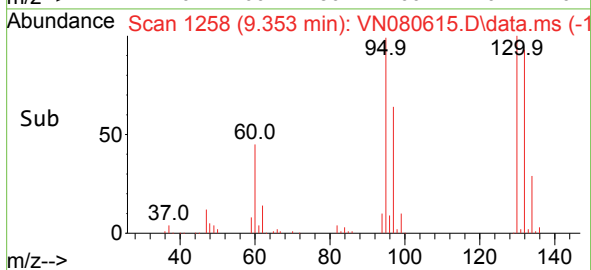
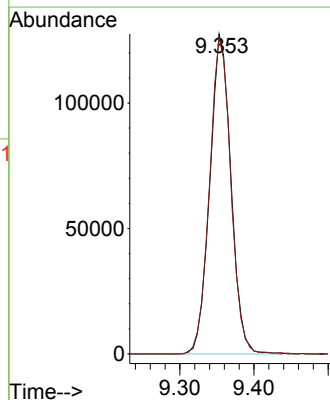
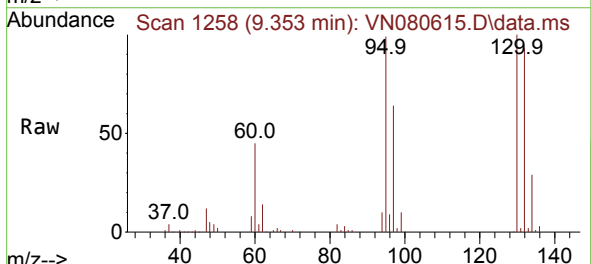
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

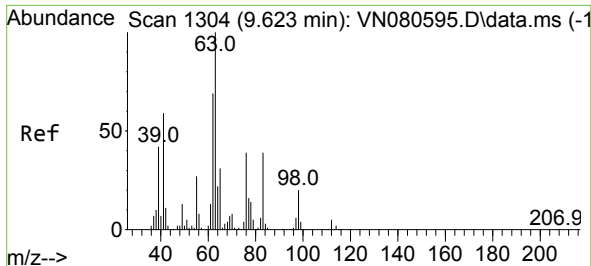
Tgt Ion: 43 Resp: 500357
Ion Ratio Lower Upper
43 100
61 29.7 24.7 37.1
87 14.9 14.6 21.8



#44
Trichloroethene
Concen: 46.285 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion:130 Resp: 251815
Ion Ratio Lower Upper
130 100
95 98.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.459 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

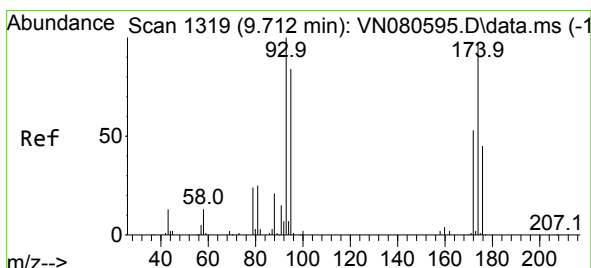
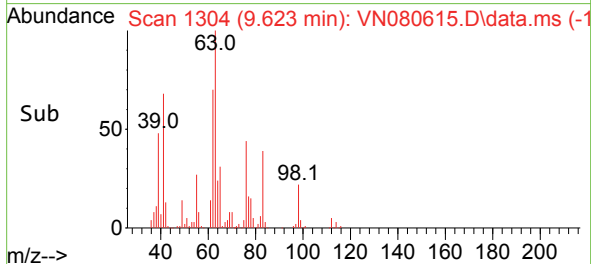
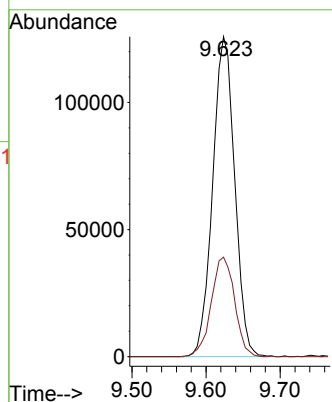
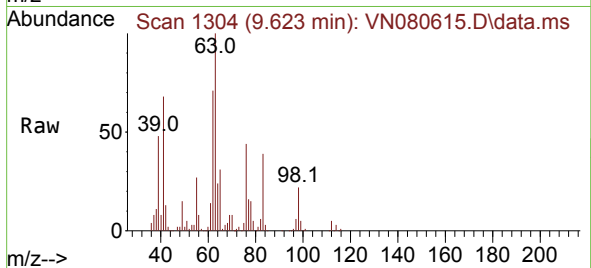
VSTDCCC050EC

Tgt Ion: 63 Resp: 259851

Ion Ratio Lower Upper

63 100

65 31.1 23.9 35.9



#46

Dibromomethane

Concen: 52.349 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

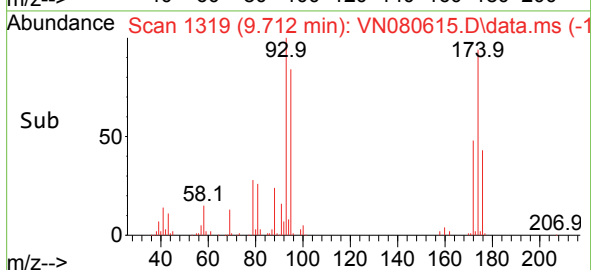
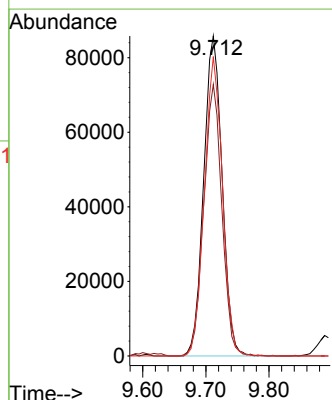
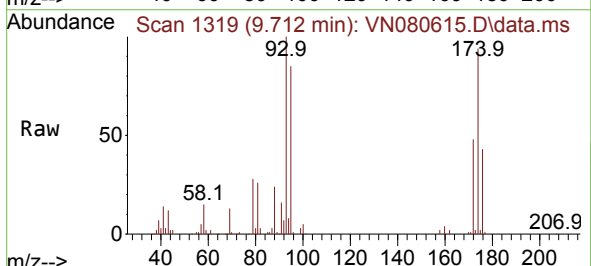
Tgt Ion: 93 Resp: 174462

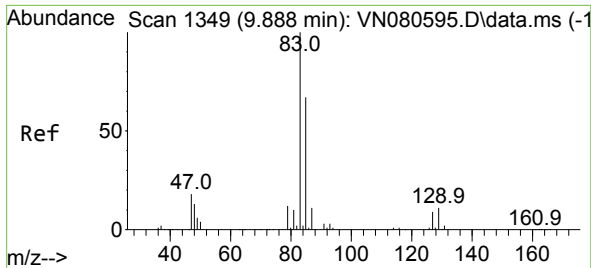
Ion Ratio Lower Upper

93 100

95 83.3 63.8 95.8

174 91.7 65.6 98.4

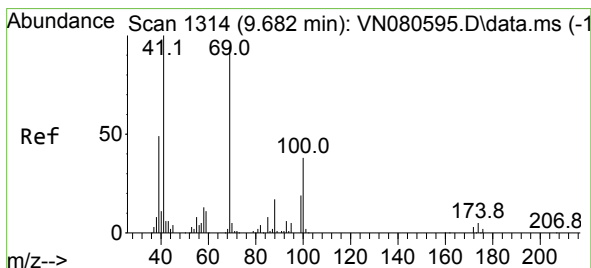
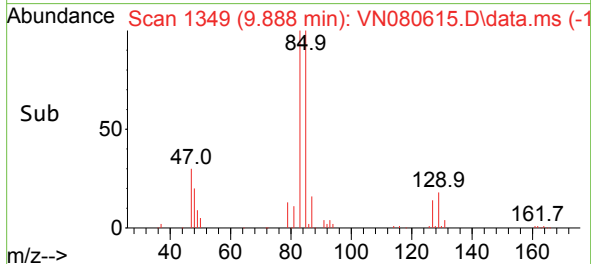
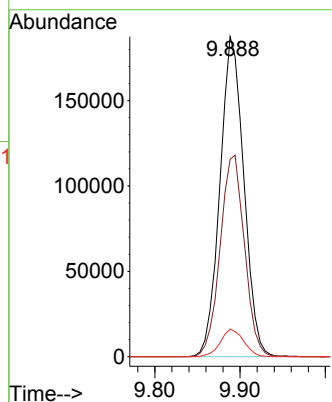
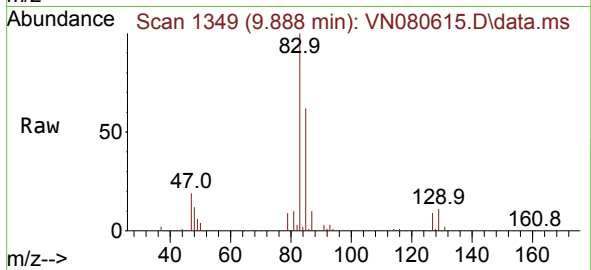




#47
Bromodichloromethane
Concen: 52.202 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

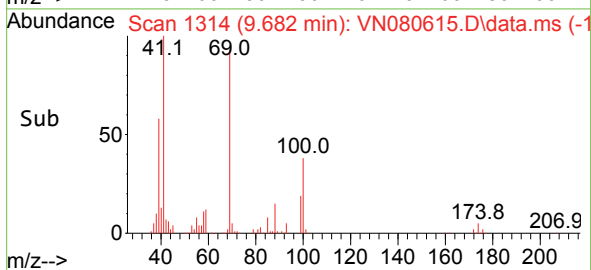
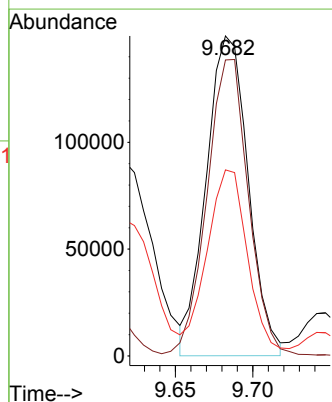
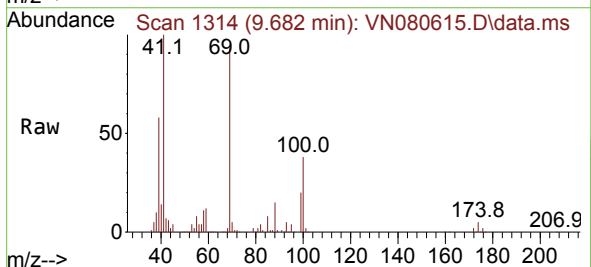
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

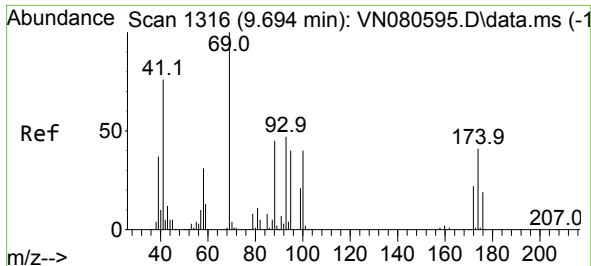
Tgt Ion: 83 Resp: 364675
Ion Ratio Lower Upper
83 100
85 61.7 49.6 74.4
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 56.976 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 41 Resp: 281997
Ion Ratio Lower Upper
41 100
69 92.3 90.4 135.6
39 57.3 54.6 81.8





#49

1,4-Dioxane

Concen: 1036.731 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

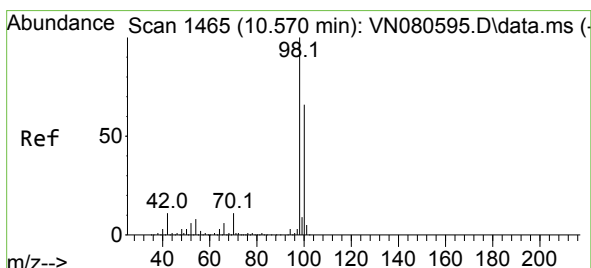
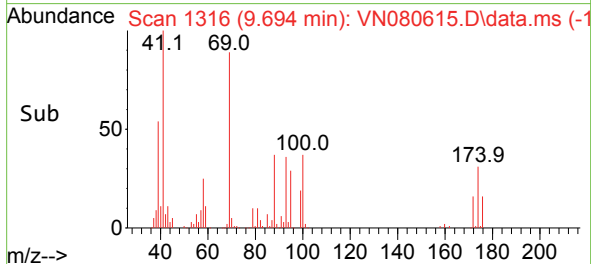
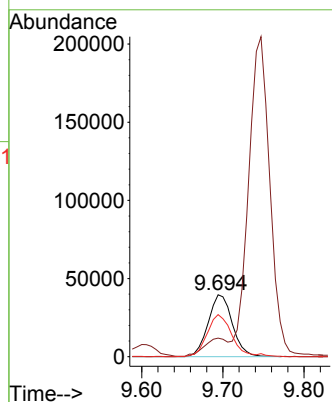
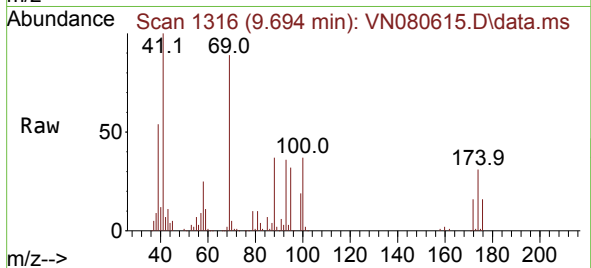
Tgt Ion: 88 Resp: 82016

Ion Ratio Lower Upper

88 100

43 27.6 17.0 25.6#

58 70.0 47.0 70.4



#50

Toluene-d8

Concen: 55.162 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080615.D

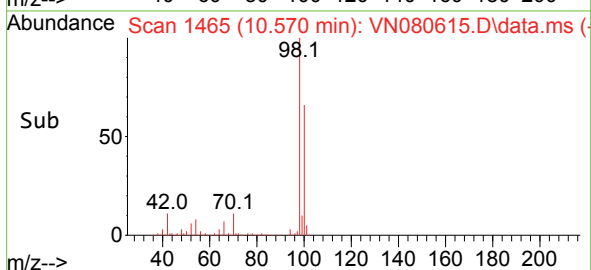
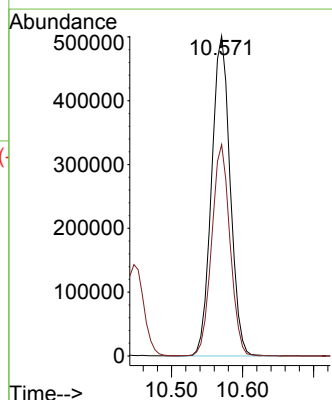
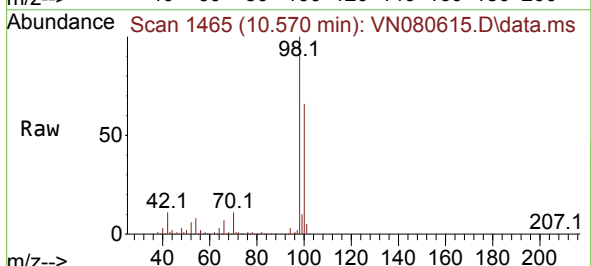
Acq: 29 Dec 2023 15:15

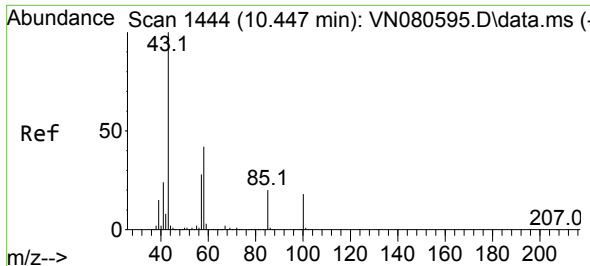
Tgt Ion: 98 Resp: 912102

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

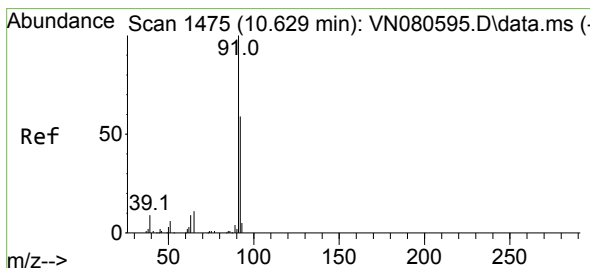
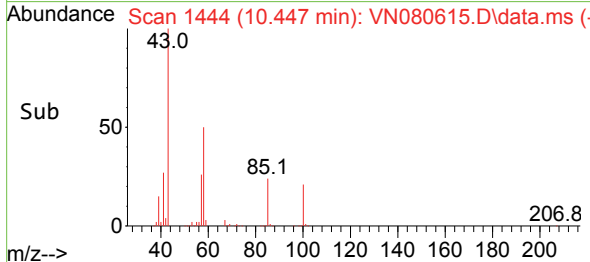
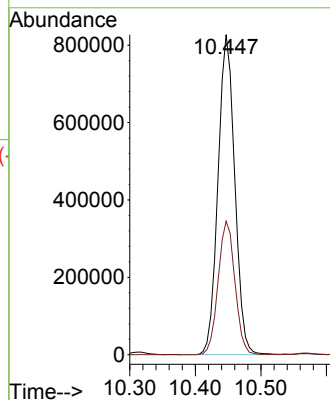
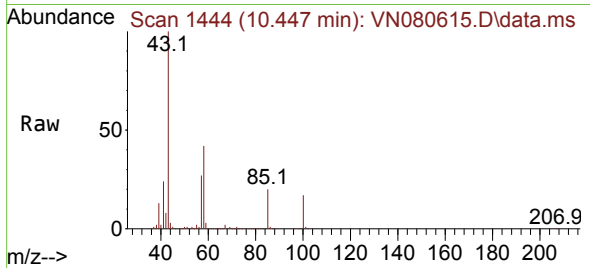




#51
4-Methyl-2-Pentanone
Concen: 288.313 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

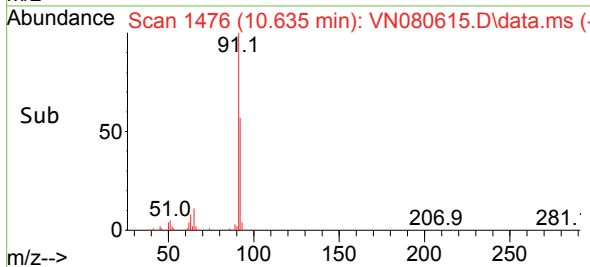
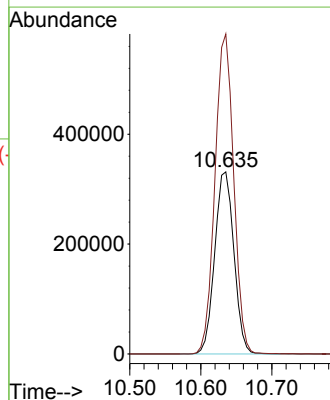
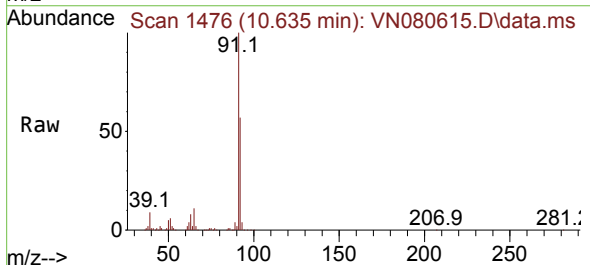
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

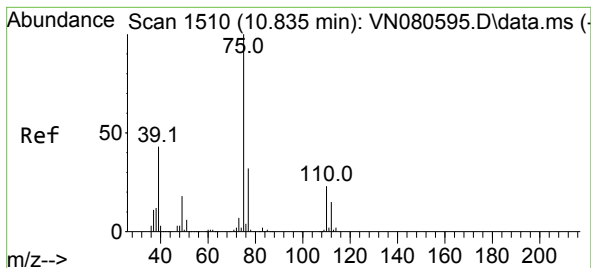
Tgt Ion: 43 Resp: 1461746
Ion Ratio Lower Upper
43 100
58 41.9 36.6 54.8



#52
Toluene
Concen: 53.616 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 92 Resp: 621336
Ion Ratio Lower Upper
92 100
91 171.4 137.4 206.0

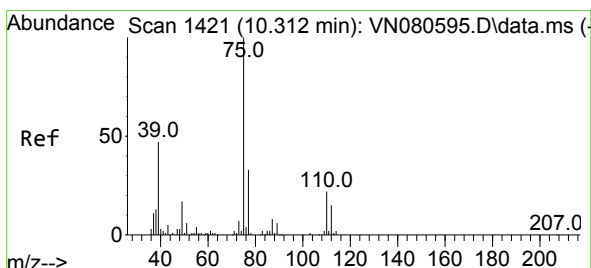
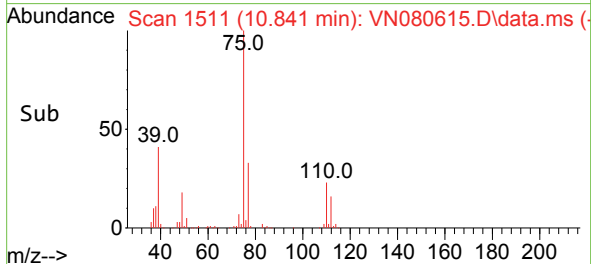
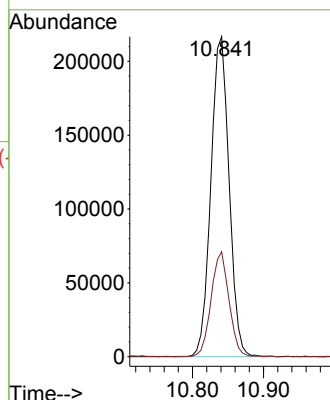
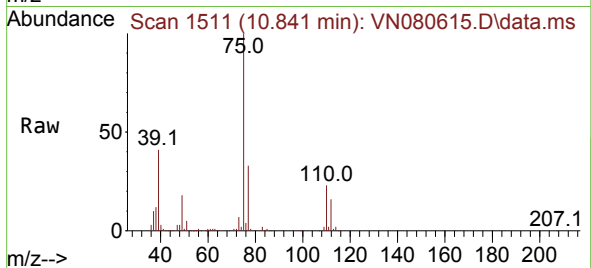




#53
 t-1,3-Dichloropropene
 Concen: 54.735 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.006 min
 Lab File: VN080615.D
 Acq: 29 Dec 2023 15:15

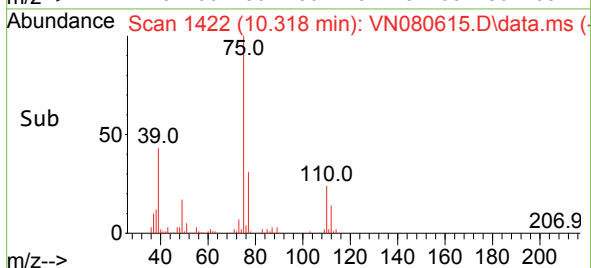
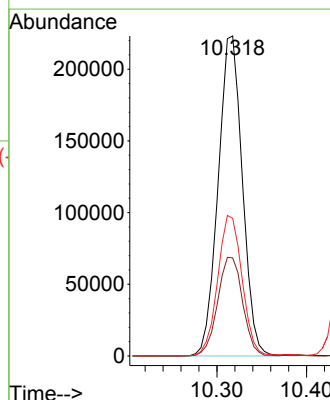
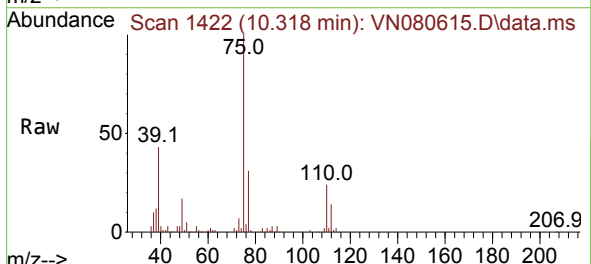
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

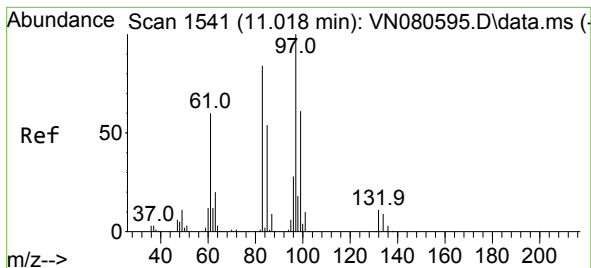
Tgt Ion: 75 Resp: 385486
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.084 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN080615.D
 Acq: 29 Dec 2023 15:15

Tgt Ion: 75 Resp: 418410
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.1 39.1
 39 43.0 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 54.123 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 248793

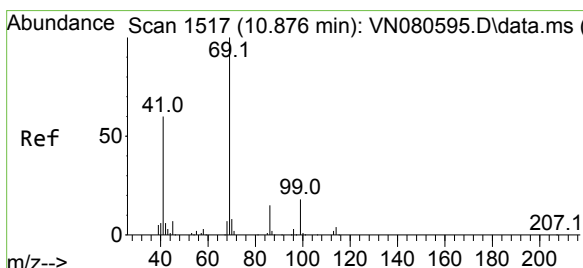
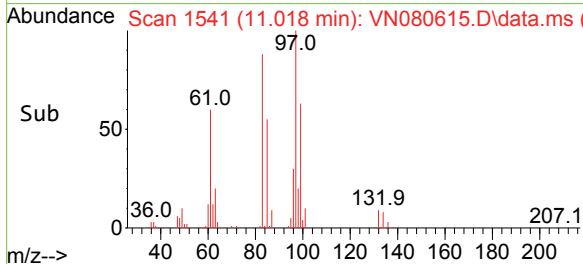
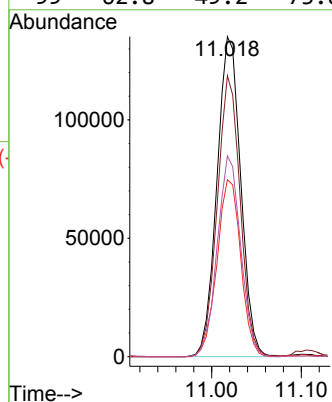
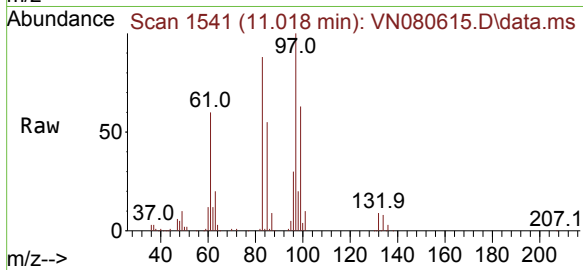
Ion Ratio Lower Upper

97 100

83 87.8 65.1 97.7

85 55.3 43.4 65.2

99 62.8 49.2 73.8



#56

Ethyl methacrylate

Concen: 59.384 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

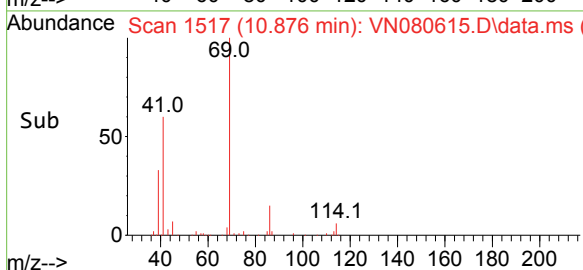
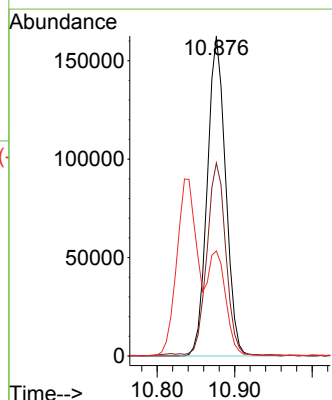
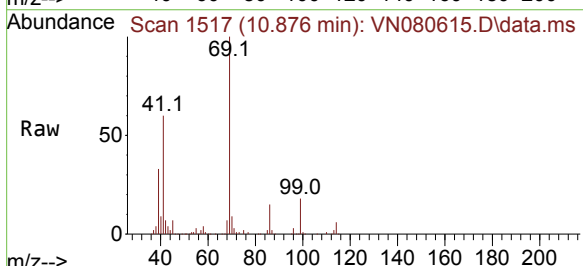
Tgt Ion: 69 Resp: 267383

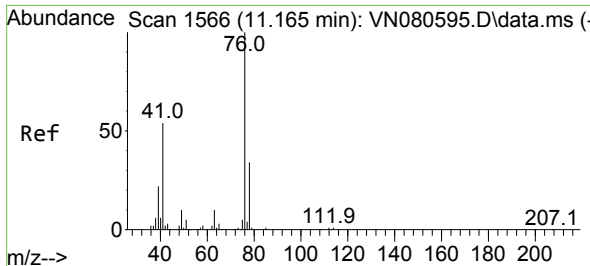
Ion Ratio Lower Upper

69 100

41 61.2 39.6 59.4#

39 27.3 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 55.555 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

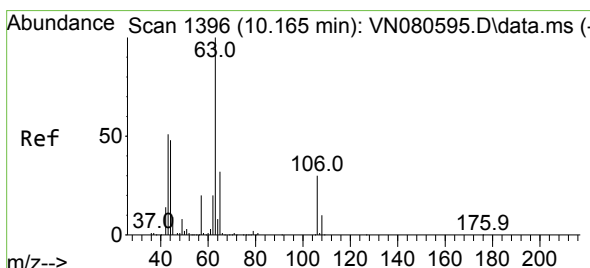
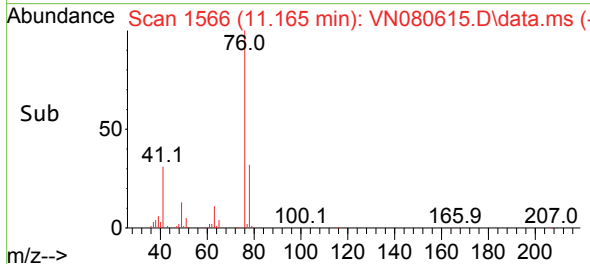
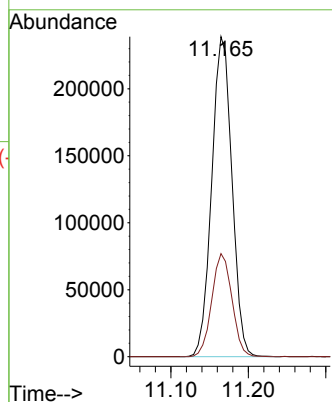
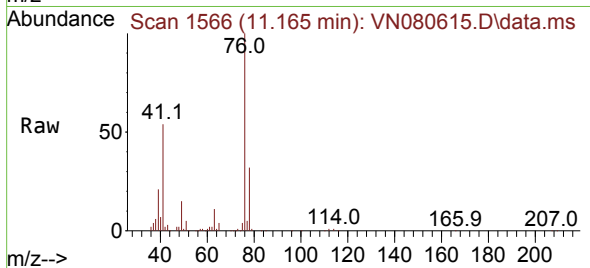
VSTDCCC050EC

Tgt Ion: 76 Resp: 432693

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 324.578 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN080615.D

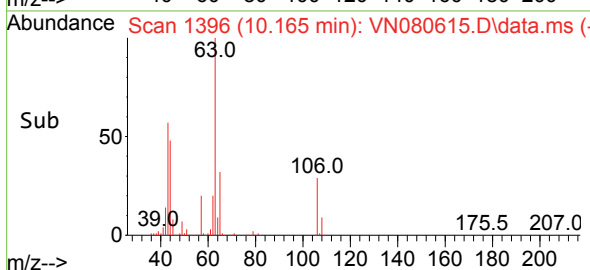
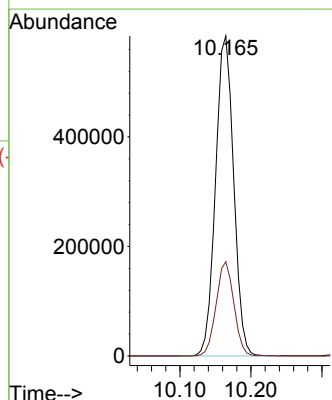
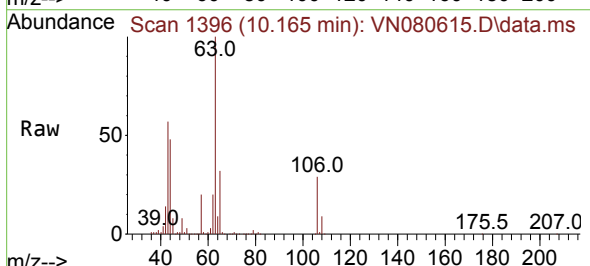
Acq: 29 Dec 2023 15:15

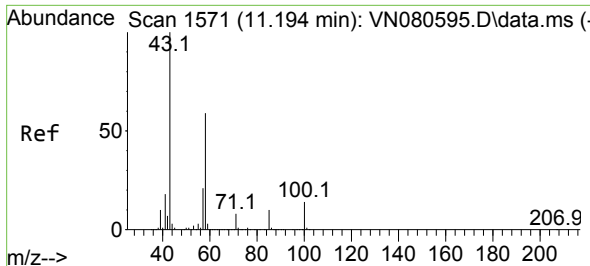
Tgt Ion: 63 Resp: 1032048

Ion Ratio Lower Upper

63 100

106 28.9 26.2 39.4

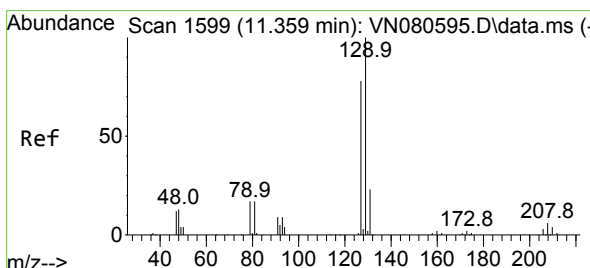
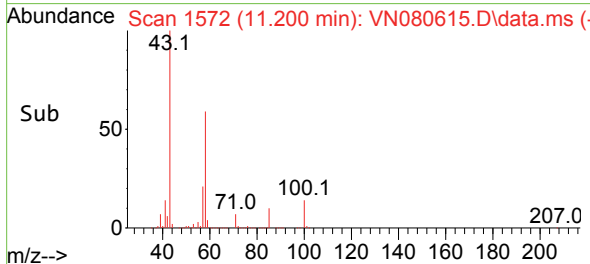
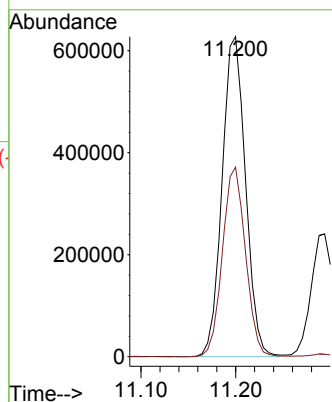
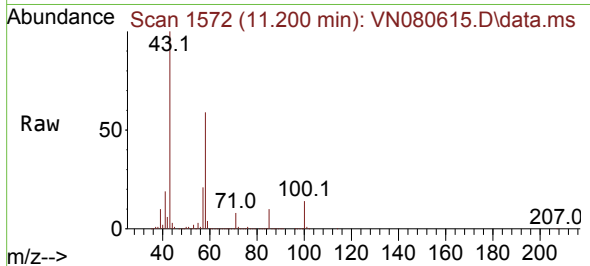




#59
2-Hexanone
Concen: 282.106 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

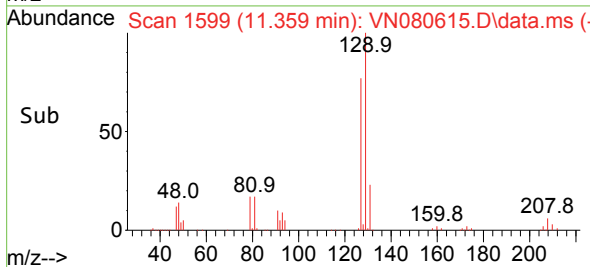
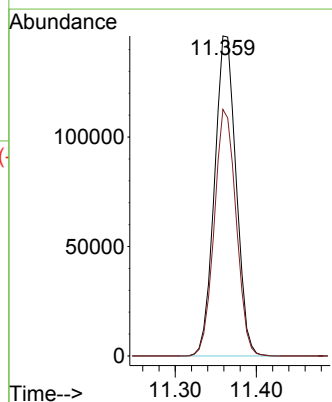
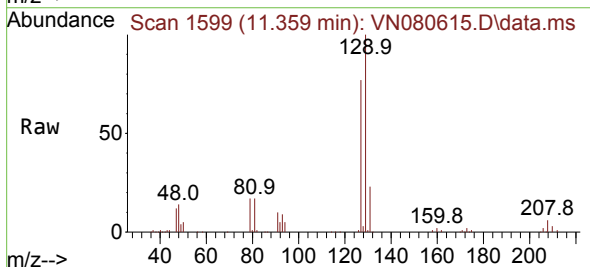
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

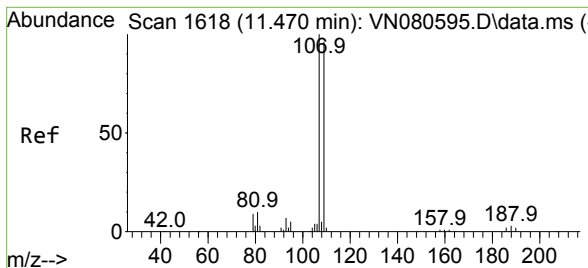
Tgt Ion: 43 Resp: 1077997
Ion Ratio Lower Upper
43 100
58 58.4 31.7 95.1



#60
Dibromochloromethane
Concen: 52.823 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion:129 Resp: 270384
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0

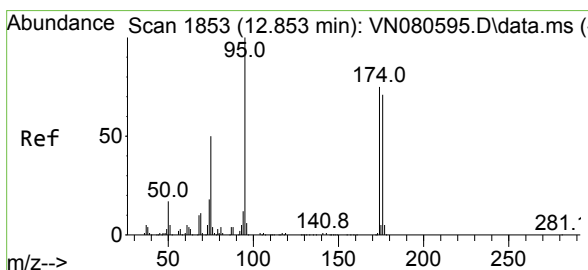
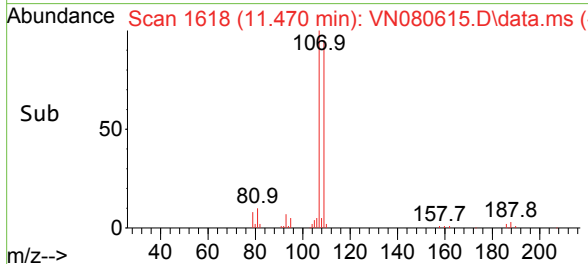
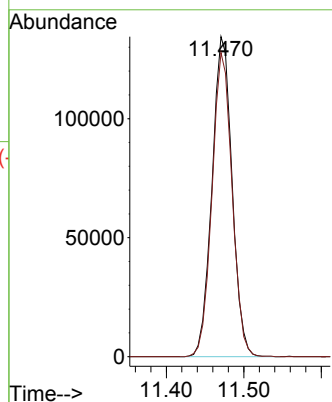
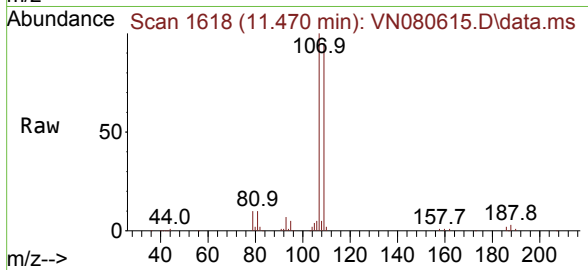




#61
1,2-Dibromoethane
Concen: 52.154 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

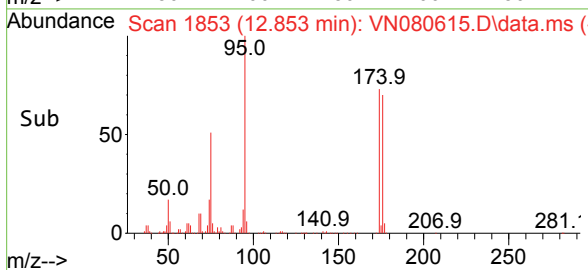
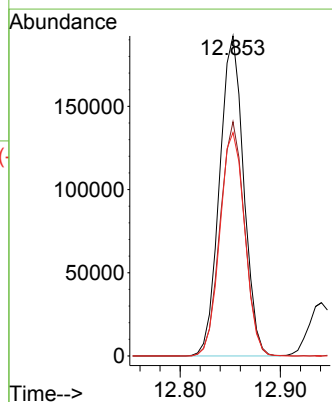
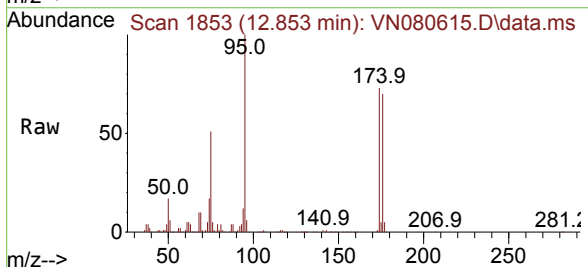
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

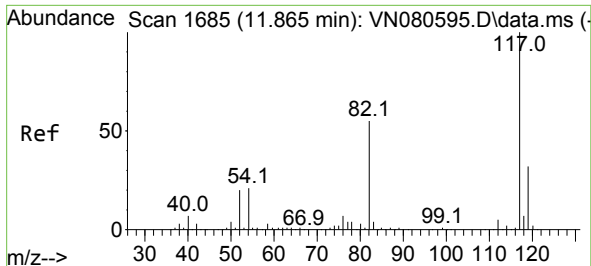
Tgt Ion:107 Resp: 241723
Ion Ratio Lower Upper
107 100
109 94.8 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 57.632 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 95 Resp: 320712
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 71.9 0.0 135.8

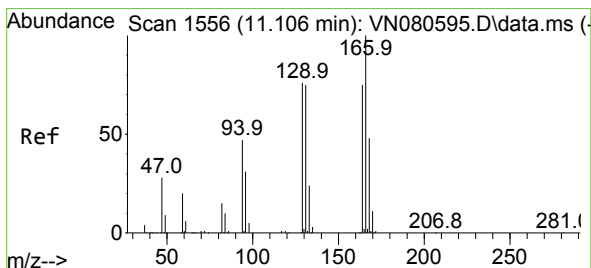
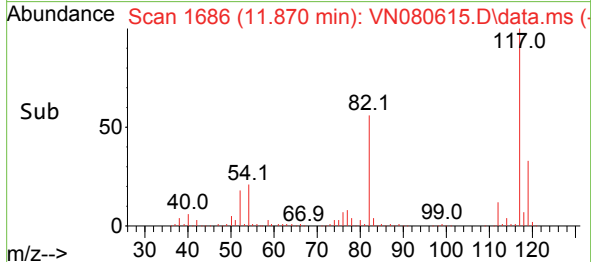
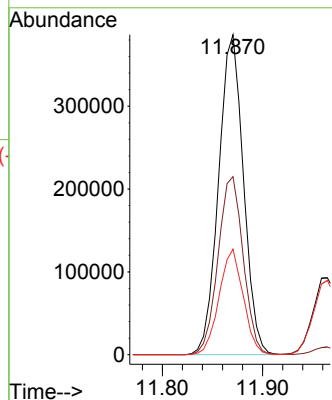
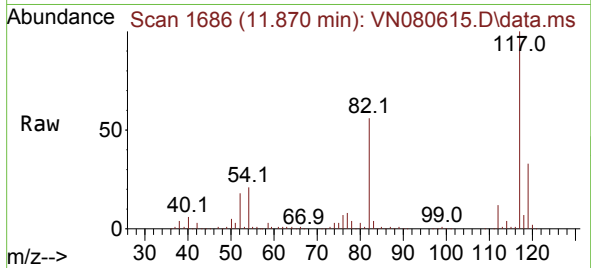




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

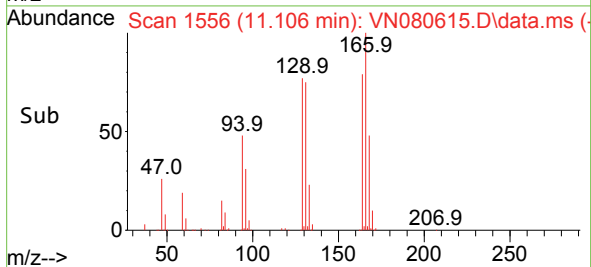
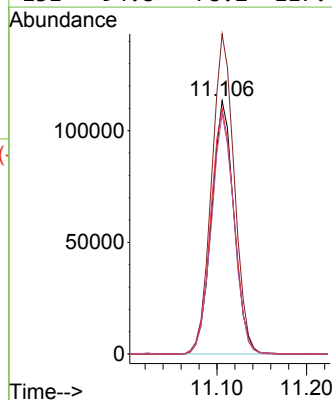
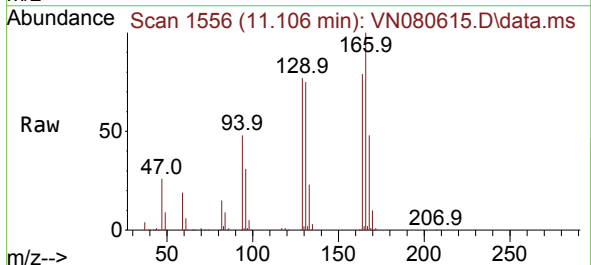
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

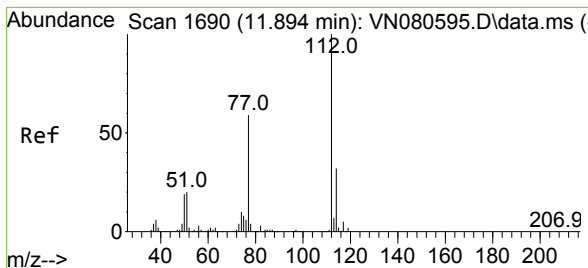
Tgt Ion:117 Resp: 665605
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 33.0 25.6 38.4



#64
Tetrachloroethene
Concen: 44.170 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion:164 Resp: 196450
Ion Ratio Lower Upper
164 100
166 126.3 101.4 152.0
129 96.9 82.4 123.6
131 94.8 78.2 117.4

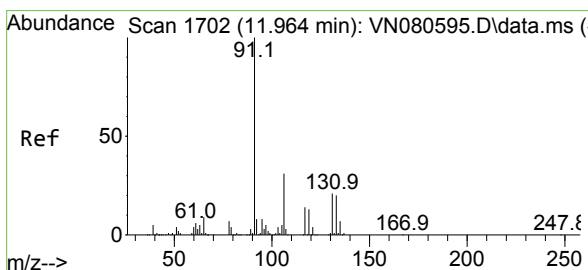
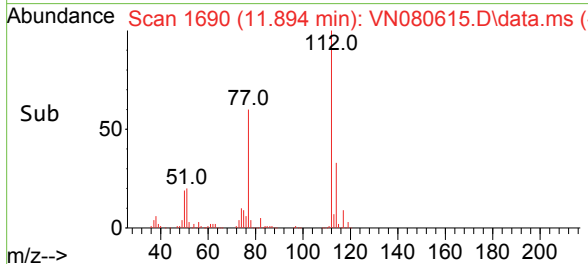
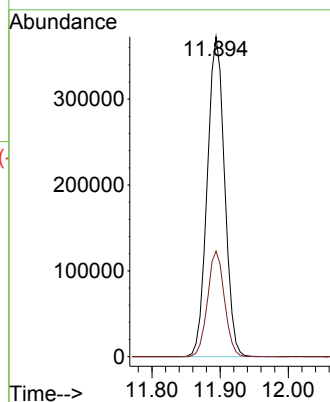
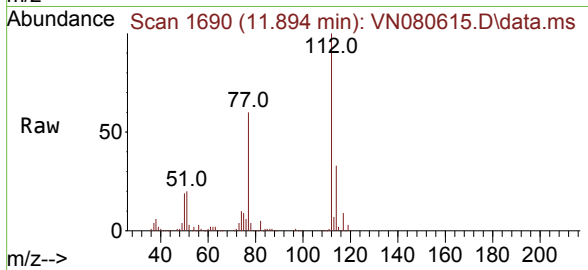




#65
Chlorobenzene
Concen: 47.622 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

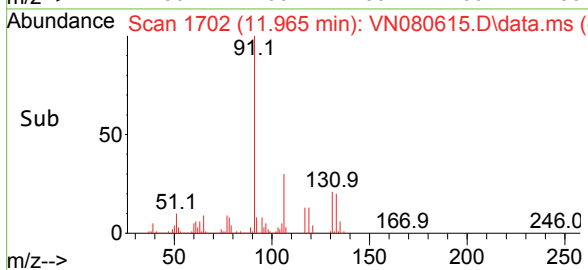
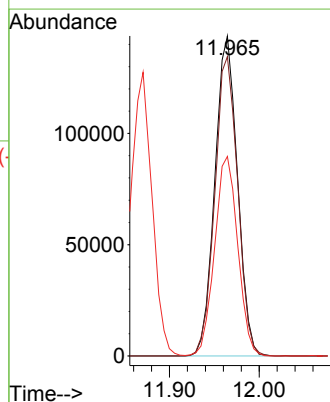
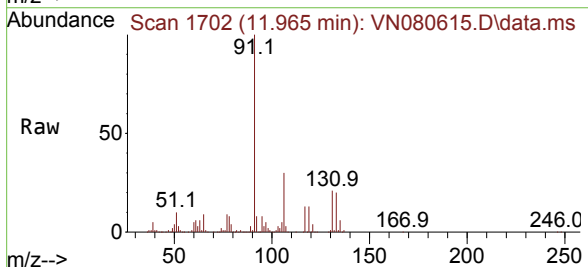
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

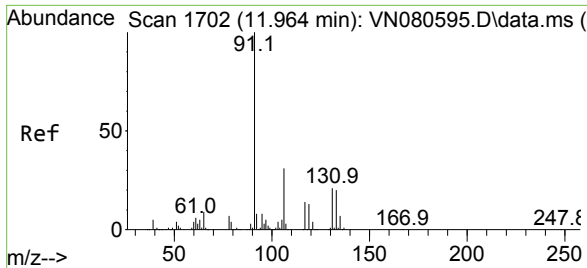
Tgt Ion:112 Resp: 659410
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.182 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion:131 Resp: 251305
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.1
119 63.9 34.1 102.2





#67

Ethyl Benzene

Concen: 49.980 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

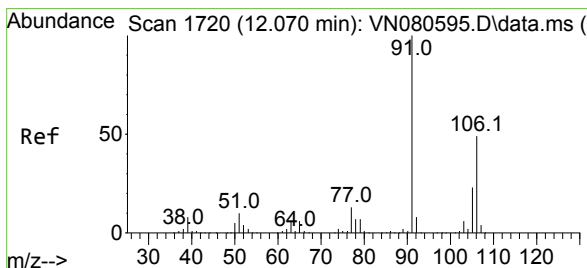
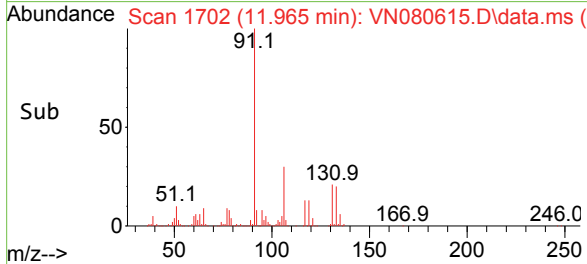
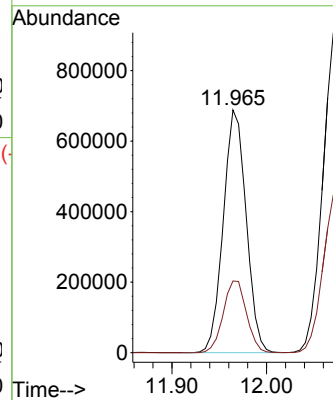
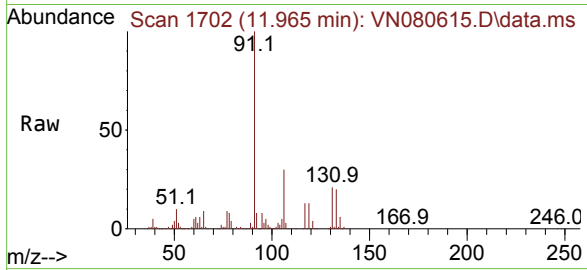
VSTDCCC050EC

Tgt Ion: 91 Resp: 1156973

Ion Ratio Lower Upper

91 100

106 29.5 25.6 38.4



#68

m/p-Xylenes

Concen: 101.977 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN080615.D

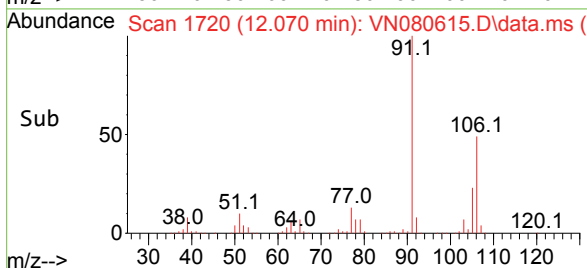
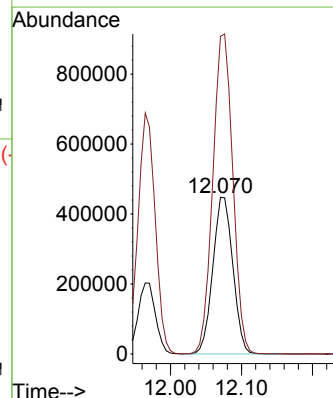
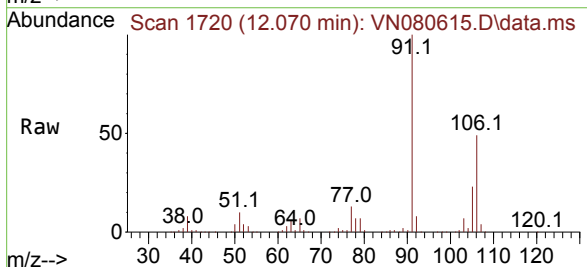
Acq: 29 Dec 2023 15:15

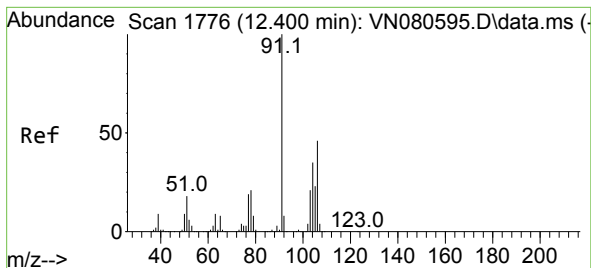
Tgt Ion:106 Resp: 875912

Ion Ratio Lower Upper

106 100

91 204.0 159.6 239.4





#69

o-Xylene

Concen: 49.904 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

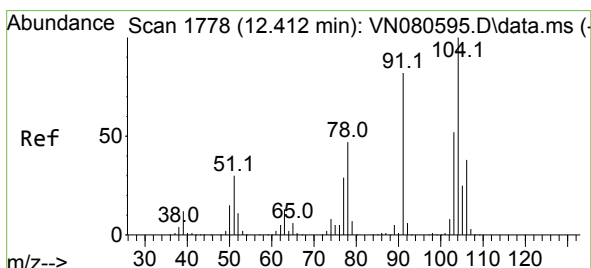
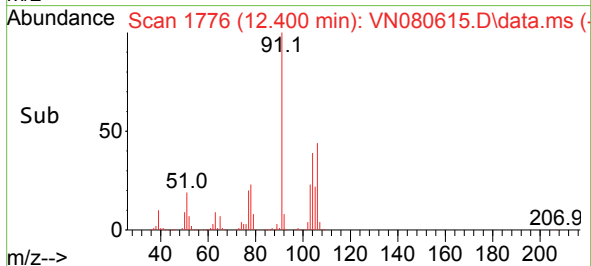
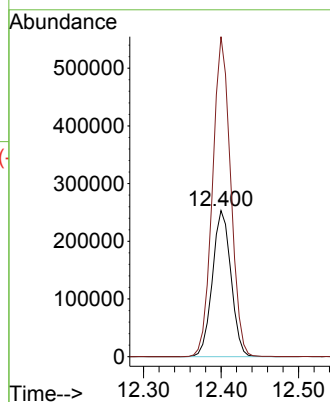
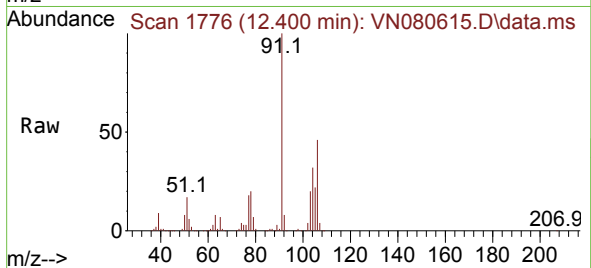
VSTDCCC050EC

Tgt Ion:106 Resp: 420983

Ion Ratio Lower Upper

106 100

91 214.4 105.2 315.5



#70

Styrene

Concen: 52.266 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

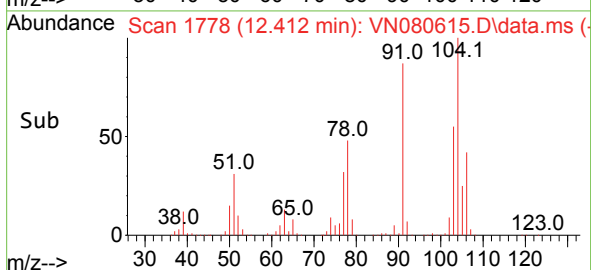
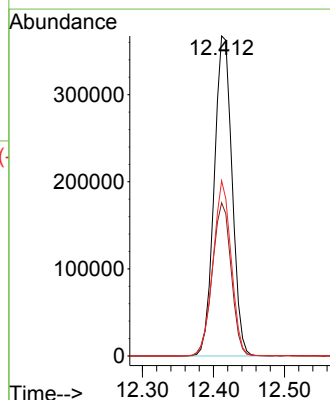
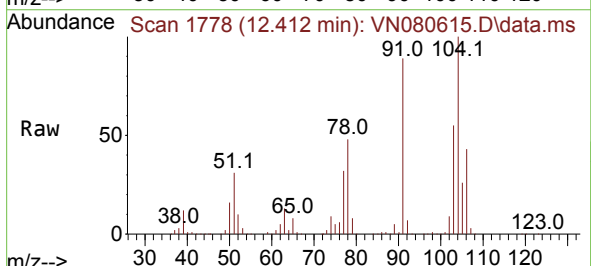
Tgt Ion:104 Resp: 641180

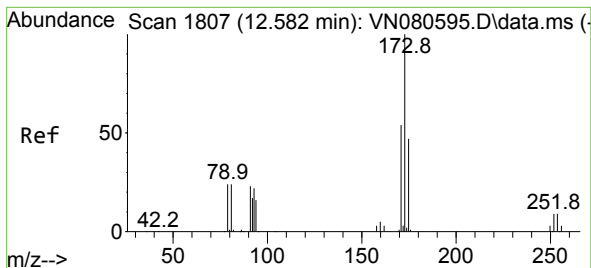
Ion Ratio Lower Upper

104 100

78 50.7 39.5 59.3

103 55.4 43.2 64.8





#71

Bromoform

Concen: 47.157 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

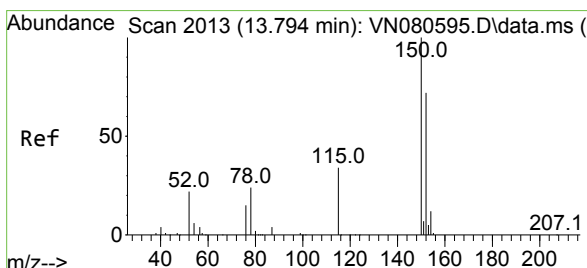
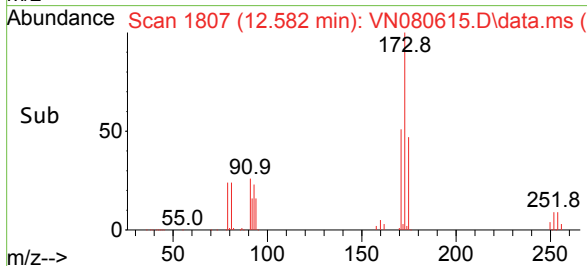
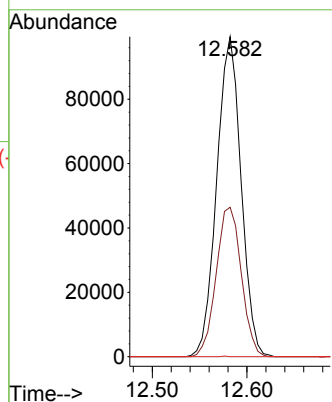
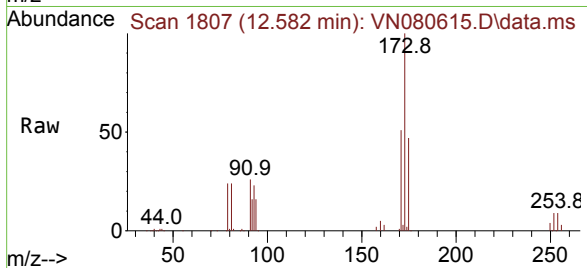
Tgt Ion:173 Resp: 177674

Ion Ratio Lower Upper

173 100

175 48.2 24.3 73.0

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

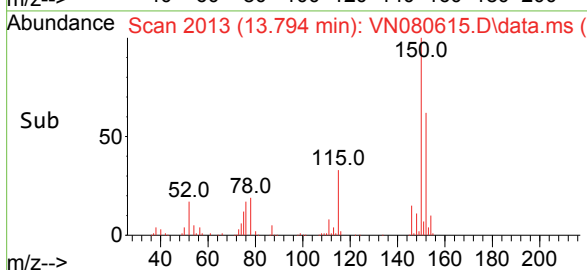
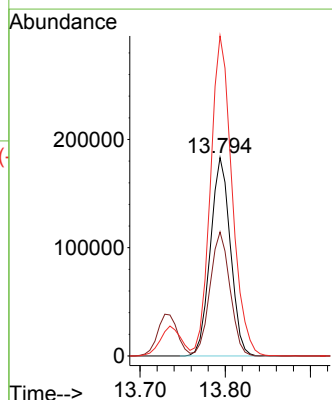
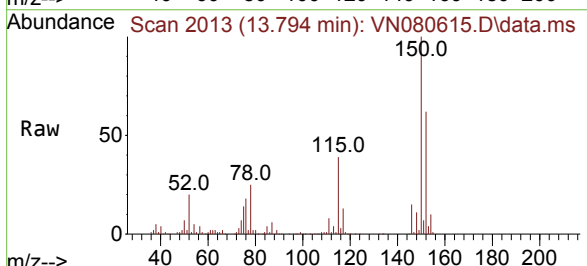
Tgt Ion:152 Resp: 298974

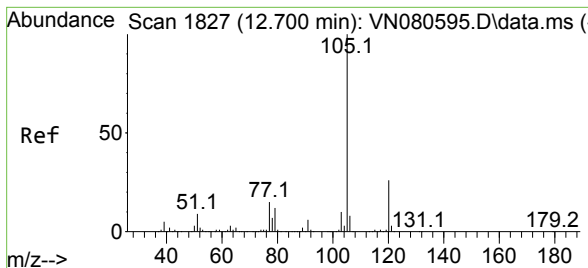
Ion Ratio Lower Upper

152 100

115 62.4 32.3 96.8

150 173.8 0.0 355.8





#73

Isopropylbenzene

Concen: 50.511 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

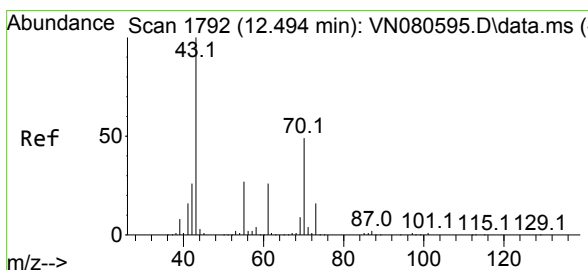
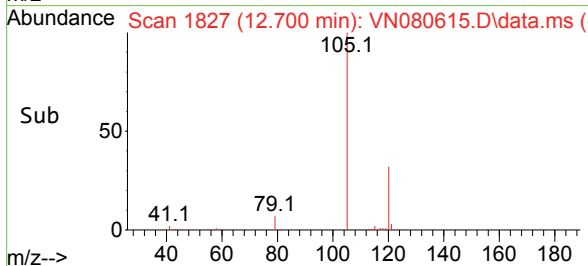
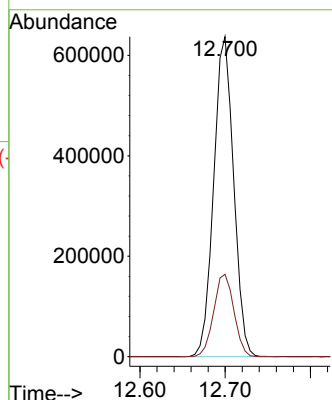
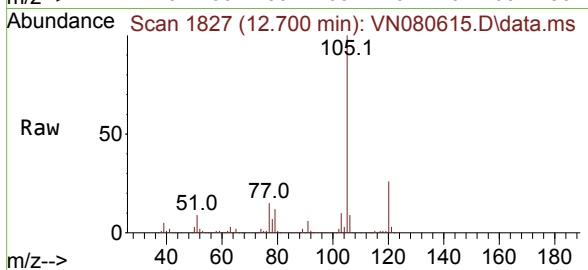
VSTDCCC050EC

Tgt Ion:105 Resp: 1033594

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 54.641 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Tgt Ion: 43 Resp: 394459

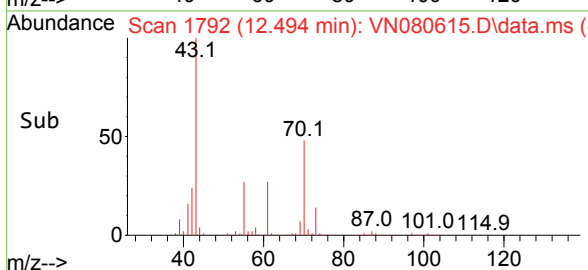
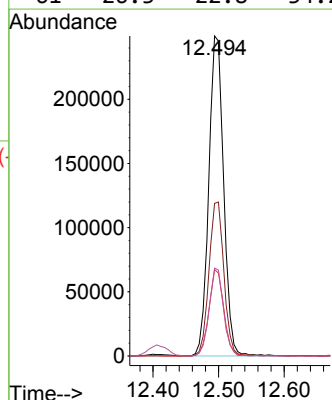
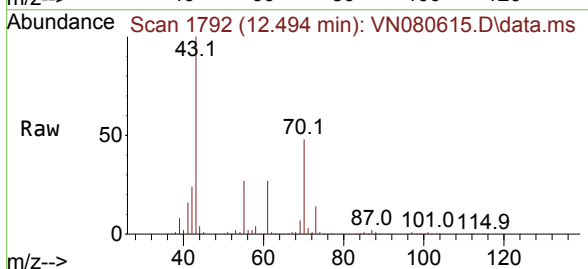
Ion Ratio Lower Upper

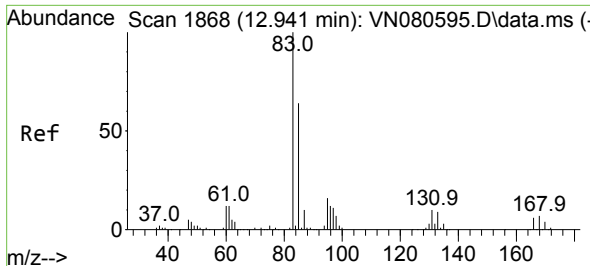
43 100

70 48.3 43.4 65.2

55 26.8 21.4 32.0

61 26.3 22.8 34.2

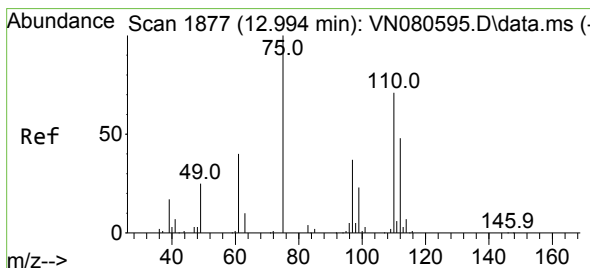
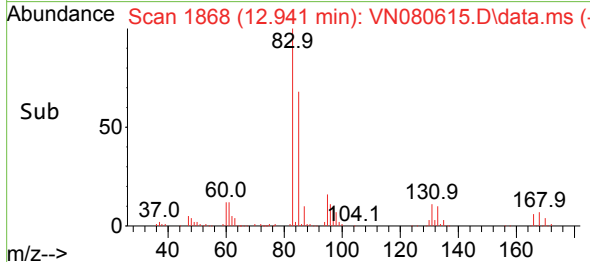
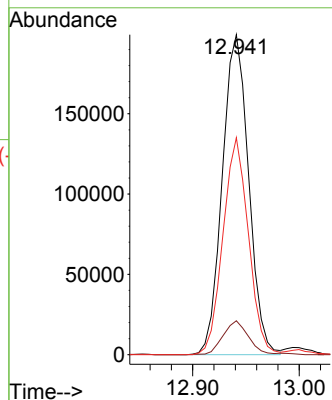
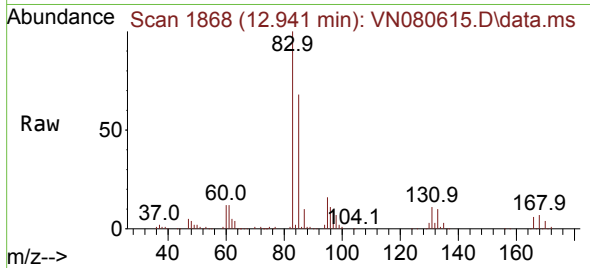




#75
1,1,2,2-Tetrachloroethane
Concen: 48.475 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

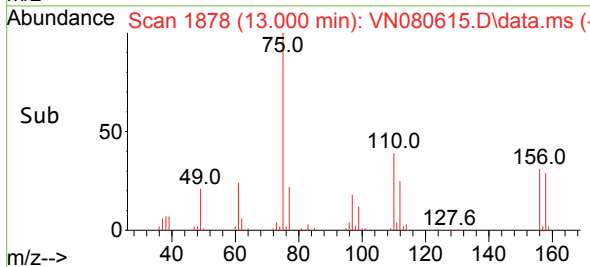
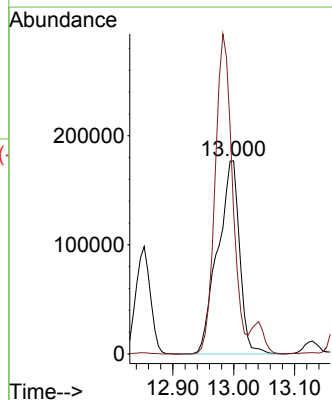
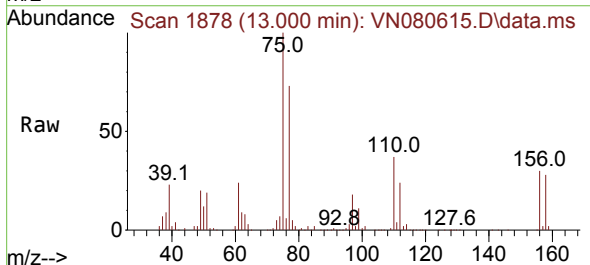
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

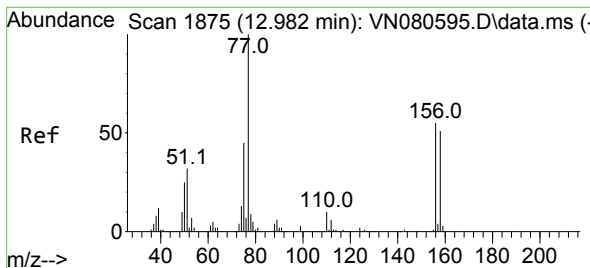
Tgt Ion: 83 Resp: 342311
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 65.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 68.763 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 75 Resp: 442180
Ion Ratio Lower Upper
75 100
77 131.4 84.5 253.5





#77

Bromobenzene

Concen: 48.426 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

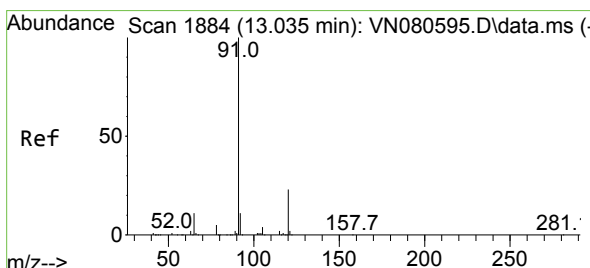
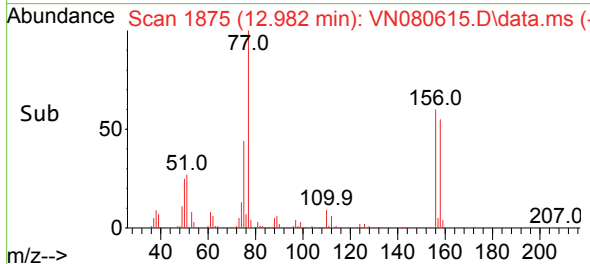
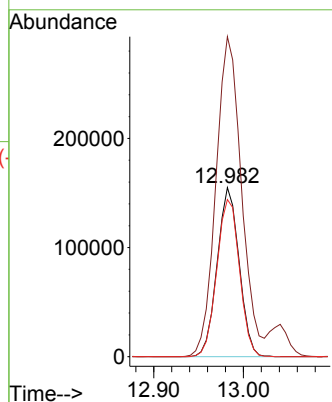
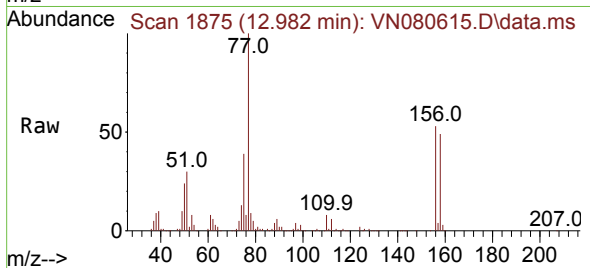
Tgt Ion:156 Resp: 263188

Ion Ratio Lower Upper

156 100

77 220.7 107.7 323.3

158 96.0 48.4 145.3



#78

n-propylbenzene

Concen: 50.625 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN080615.D

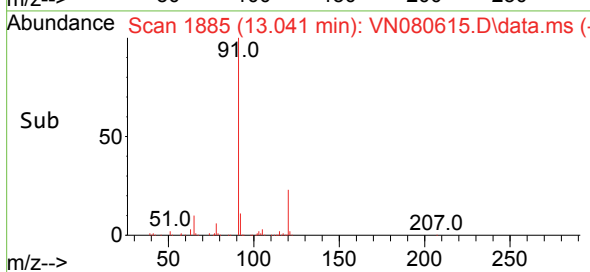
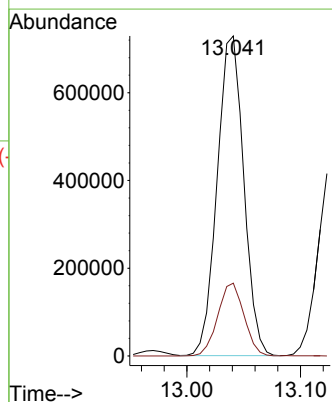
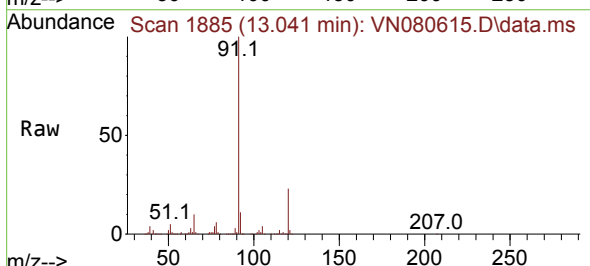
Acq: 29 Dec 2023 15:15

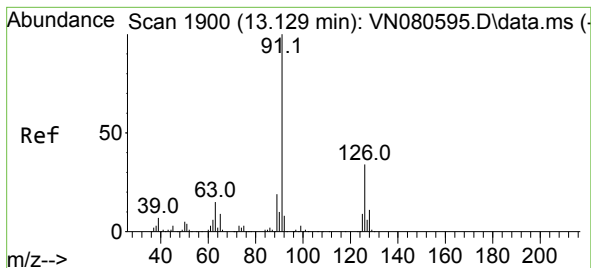
Tgt Ion: 91 Resp: 1184662

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.073 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

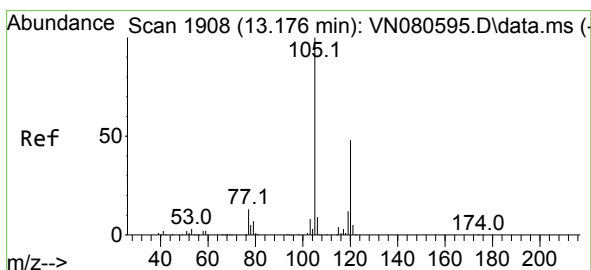
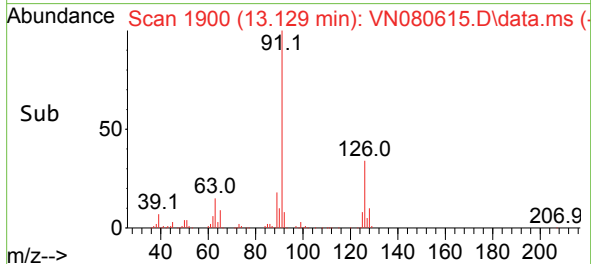
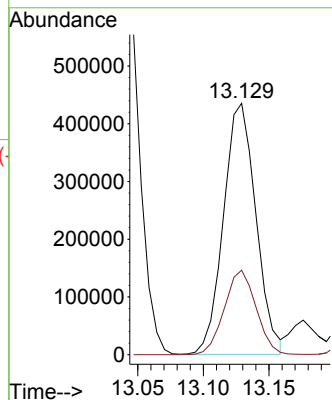
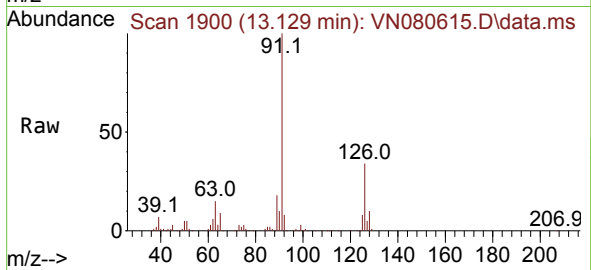
VSTDCCC050EC

Tgt Ion: 91 Resp: 749676

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 49.653 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080615.D

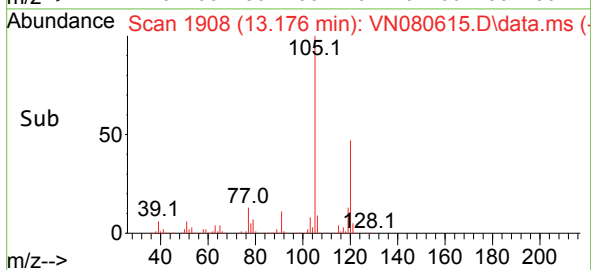
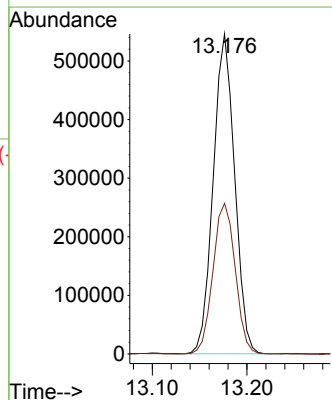
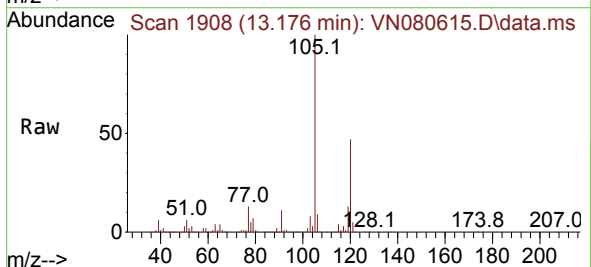
Acq: 29 Dec 2023 15:15

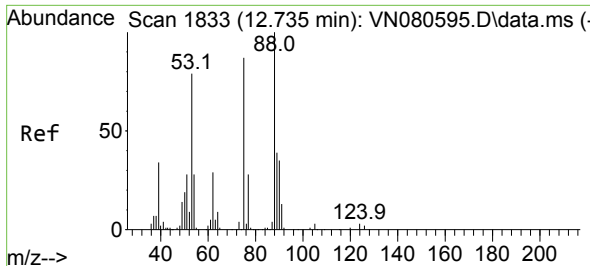
Tgt Ion: 105 Resp: 857943

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.3

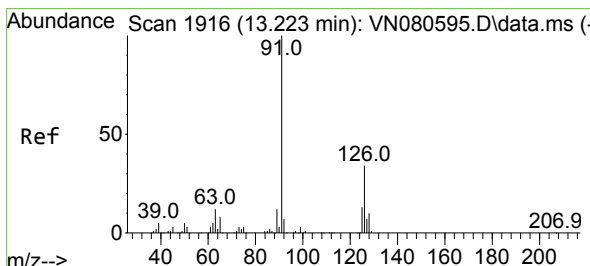
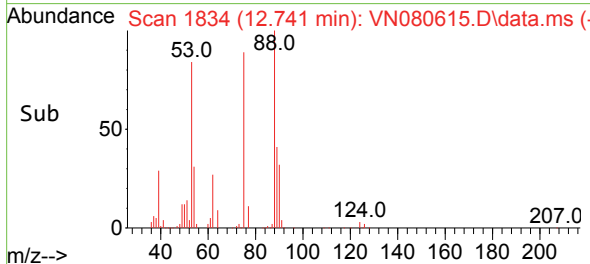
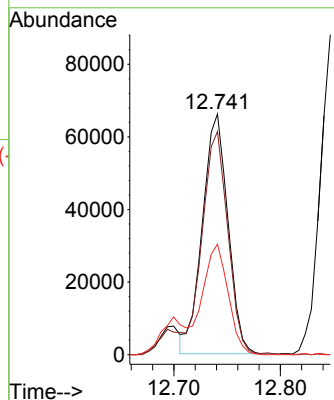
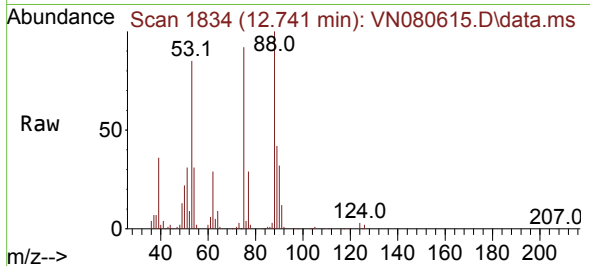




#81
trans-1,4-Dichloro-2-butene
Concen: 46.348 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

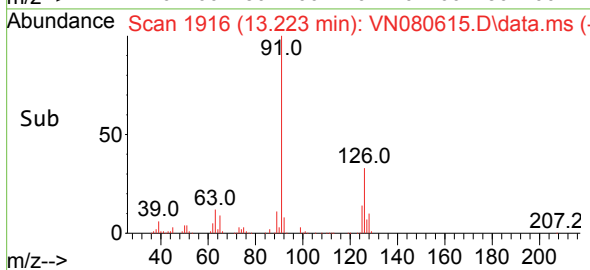
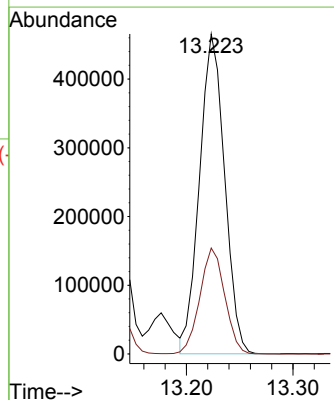
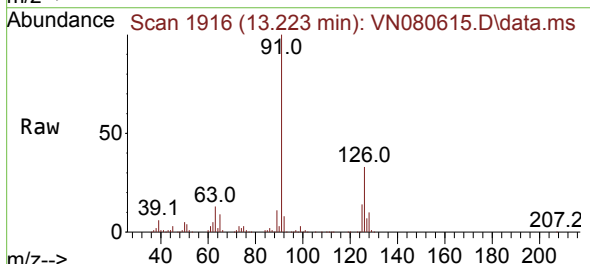
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

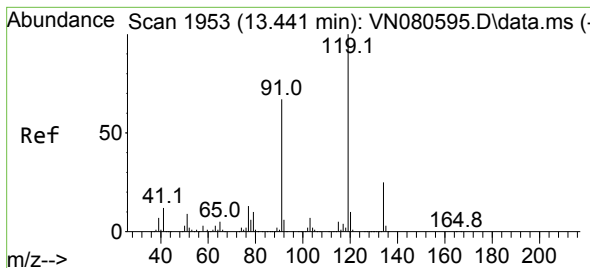
Tgt Ion: 75 Resp: 110028
Ion Ratio Lower Upper
75 100
53 103.3 67.4 101.2#
89 46.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 48.692 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 91 Resp: 760720
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.0





#83

tert-Butylbenzene

Concen: 47.869 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

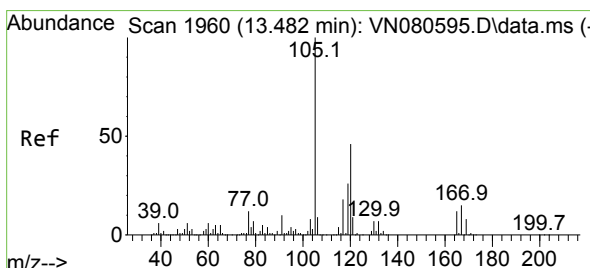
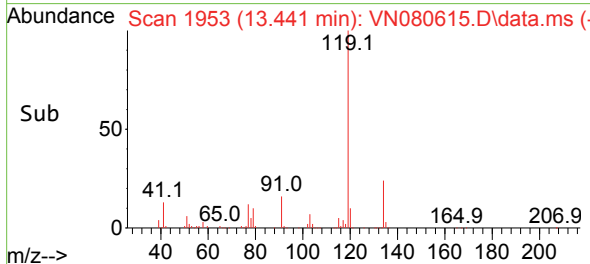
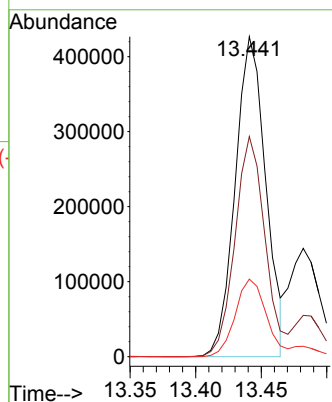
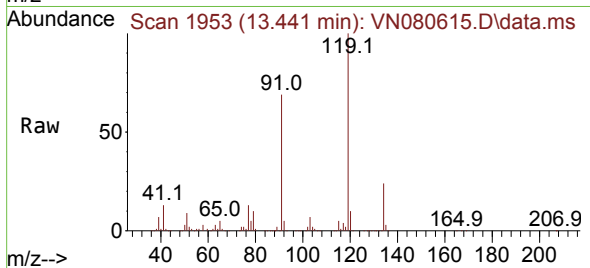
Tgt Ion:119 Resp: 691289

Ion Ratio Lower Upper

119 100

91 68.2 33.9 101.7

134 24.7 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 50.496 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080615.D

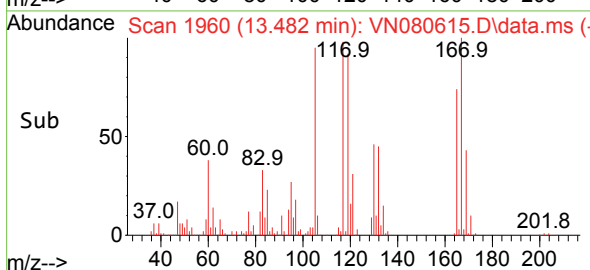
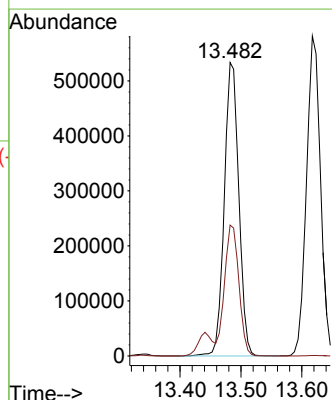
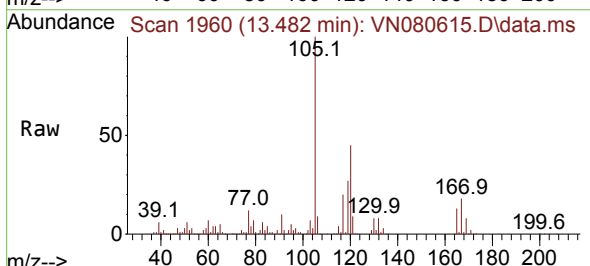
Acq: 29 Dec 2023 15:15

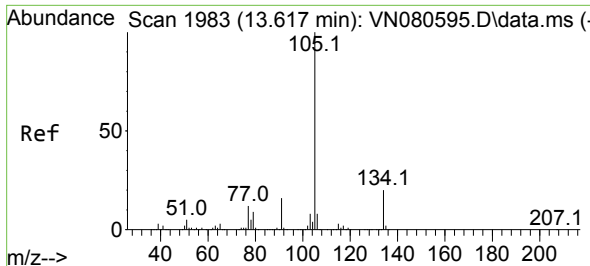
Tgt Ion:105 Resp: 883459

Ion Ratio Lower Upper

105 100

120 44.1 22.0 66.0

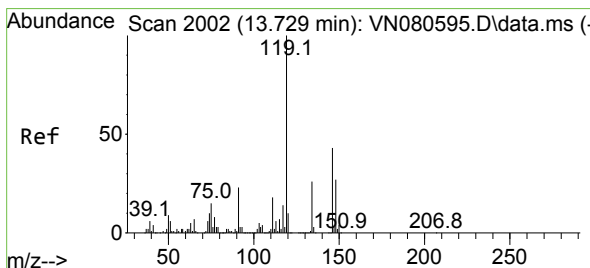
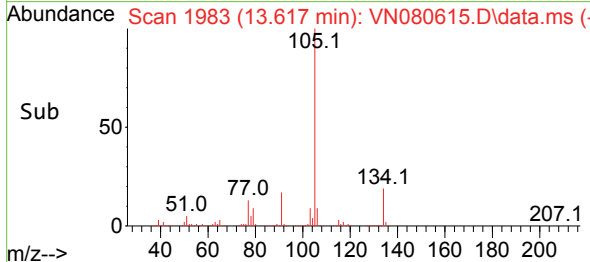
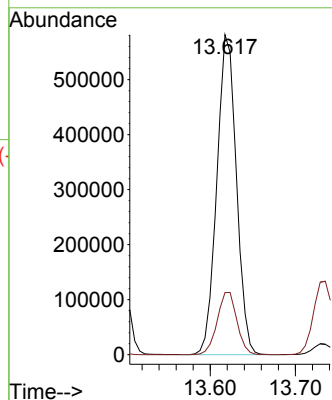
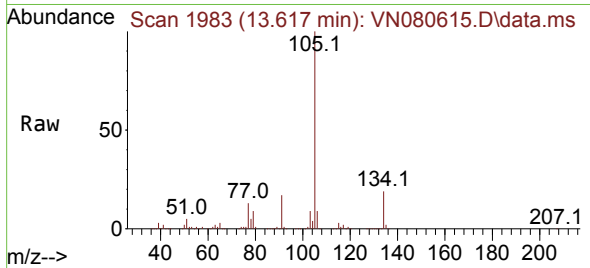




#85
 sec-Butylbenzene
 Concen: 48.525 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080615.D
 Acq: 29 Dec 2023 15:15

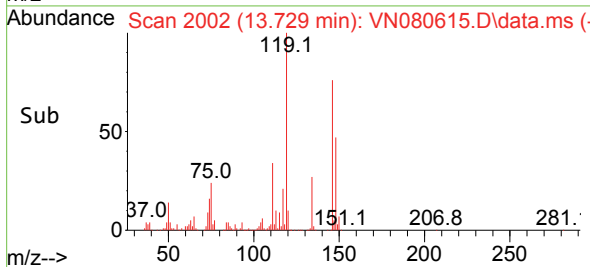
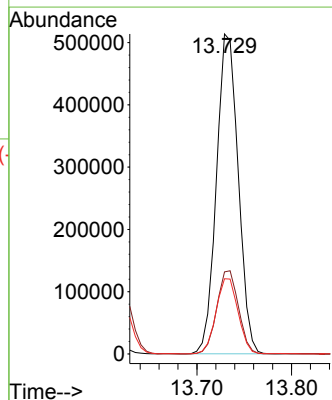
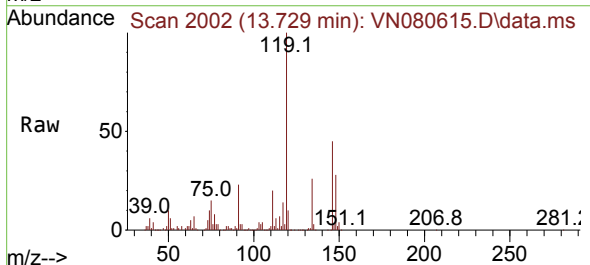
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

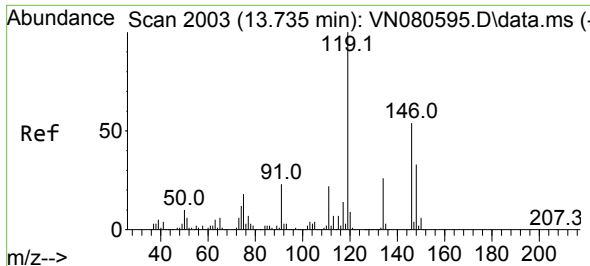
Tgt Ion:105 Resp: 927313
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 45.428 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080615.D
 Acq: 29 Dec 2023 15:15

Tgt Ion:119 Resp: 821651
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 23.8 12.4 37.2

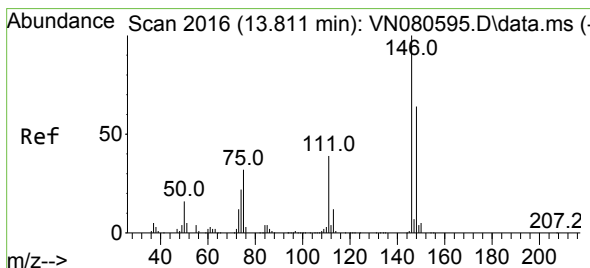
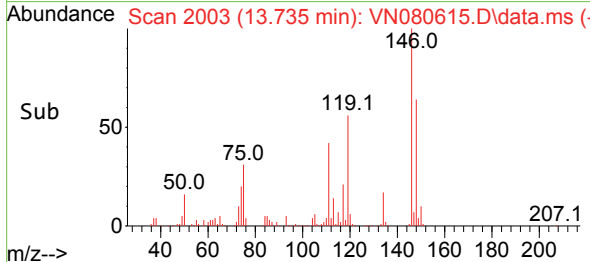
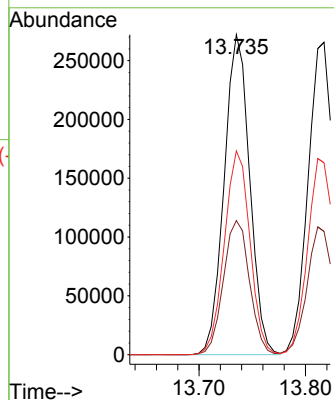
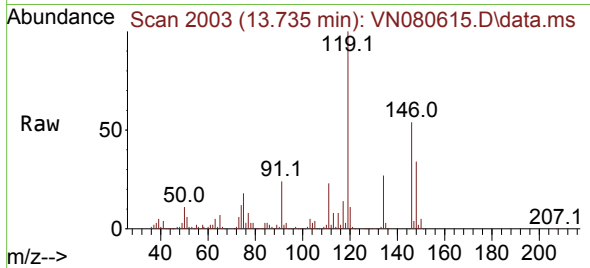




#87
1,3-Dichlorobenzene
Concen: 46.253 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

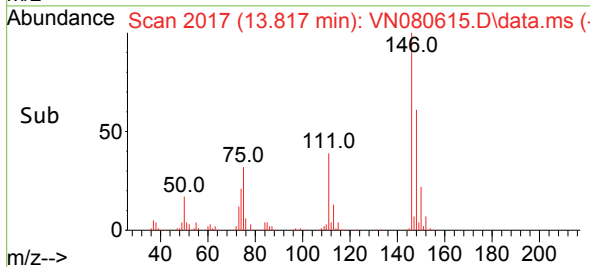
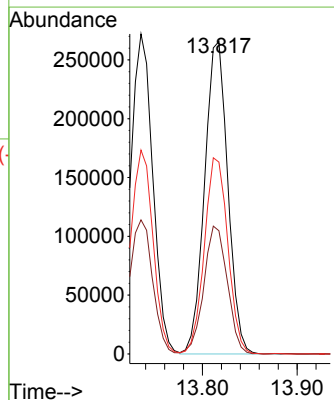
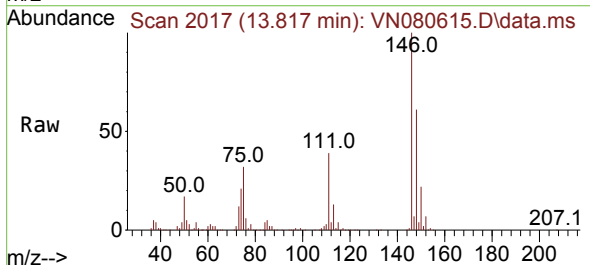
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

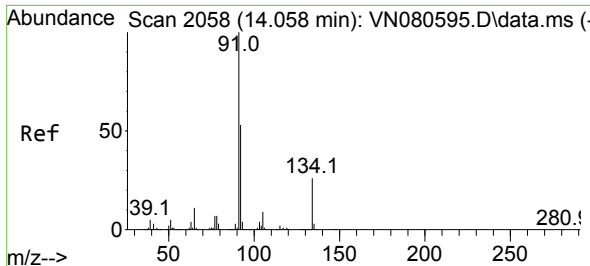
Tgt Ion:146 Resp: 453037
Ion Ratio Lower Upper
146 100
111 43.0 22.1 66.3
148 64.0 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 45.967 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion:146 Resp: 452594
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.8
148 63.7 31.6 94.8

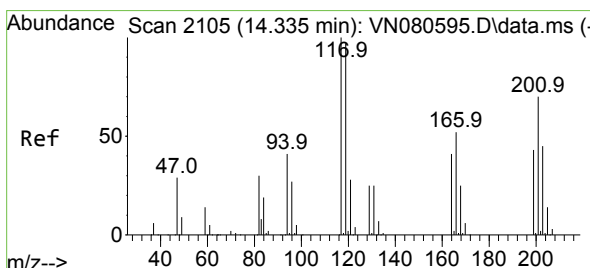
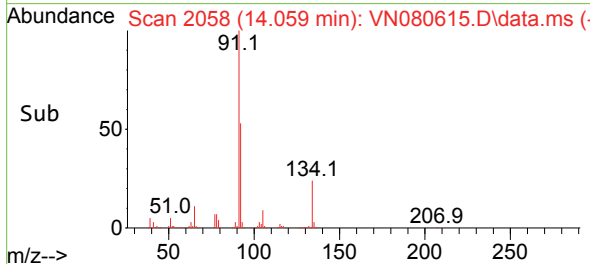
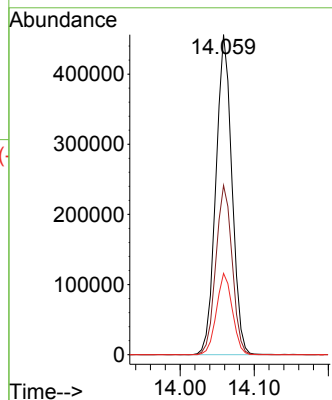
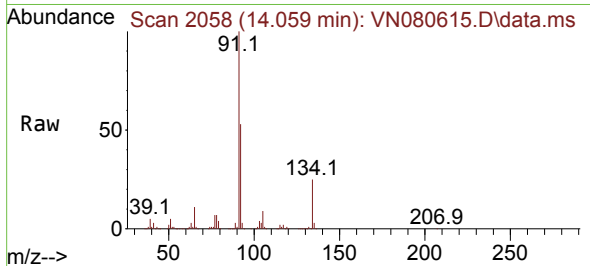




#89
n-Butylbenzene
Concen: 47.972 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

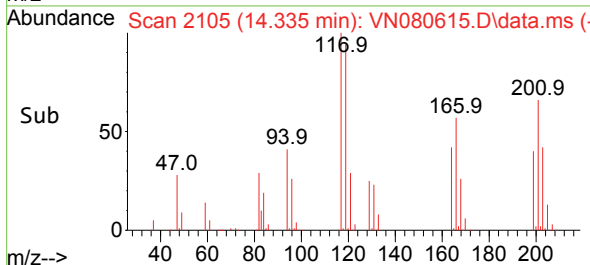
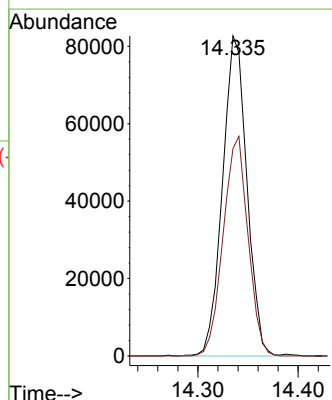
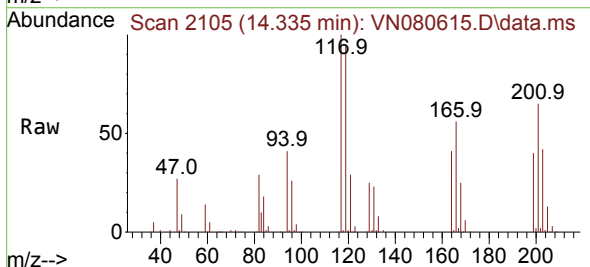
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

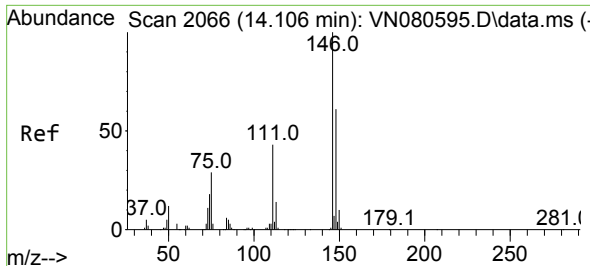
Tgt Ion: 91 Resp: 685135
Ion Ratio Lower Upper
91 100
92 53.7 26.4 79.0
134 25.2 12.6 37.6



#90
Hexachloroethane
Concen: 46.821 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080615.D
Acq: 29 Dec 2023 15:15

Tgt Ion: 117 Resp: 139672
Ion Ratio Lower Upper
117 100
201 69.8 29.3 88.0

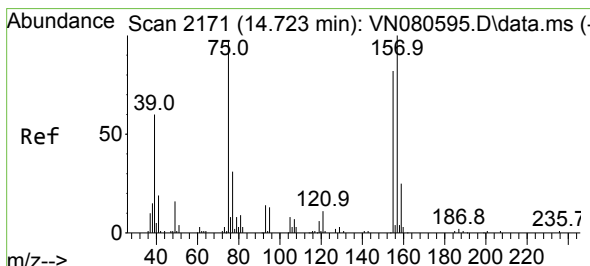
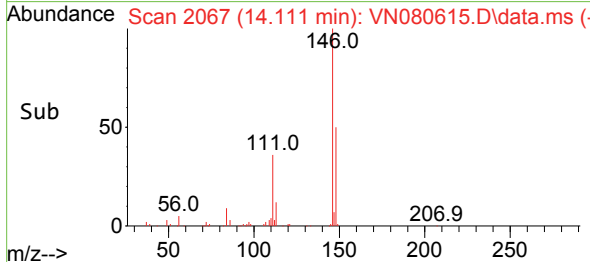
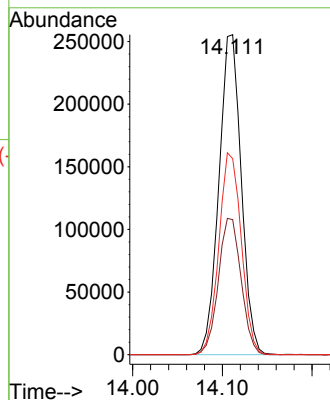
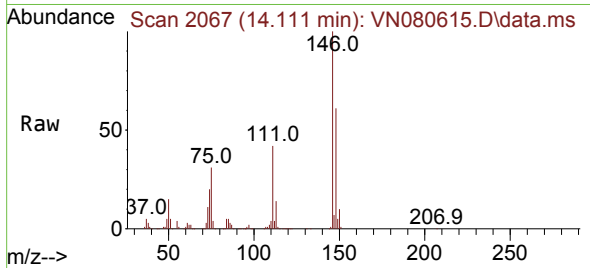




#91
 1,2-Dichlorobenzene
 Concen: 46.707 ug/l
 RT: 14.111 min Scan# 2067
 Delta R.T. 0.006 min
 Lab File: VN080615.D
 Acq: 29 Dec 2023 15:15

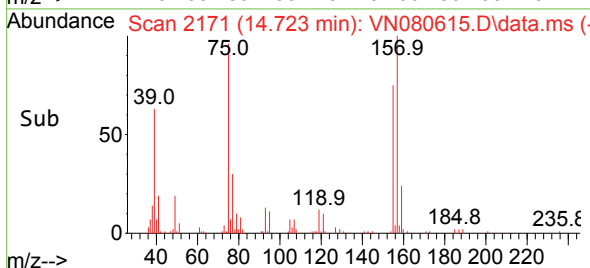
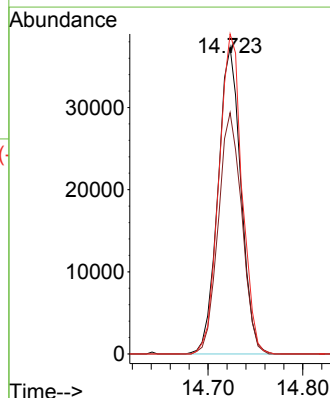
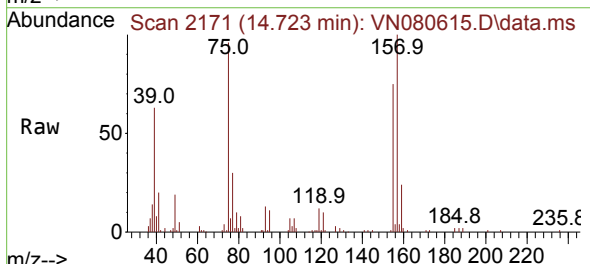
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

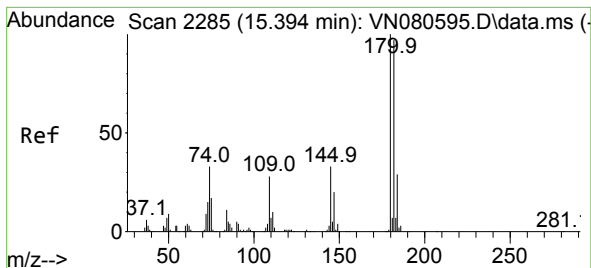
Tgt Ion:146 Resp: 441569
 Ion Ratio Lower Upper
 146 100
 111 43.4 22.0 66.0
 148 63.4 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.154 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080615.D
 Acq: 29 Dec 2023 15:15

Tgt Ion: 75 Resp: 62896
 Ion Ratio Lower Upper
 75 100
 155 80.5 39.1 117.2
 157 104.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 48.062 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

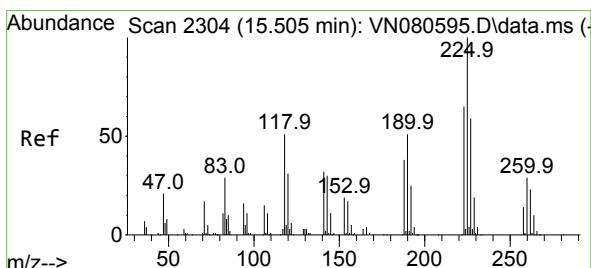
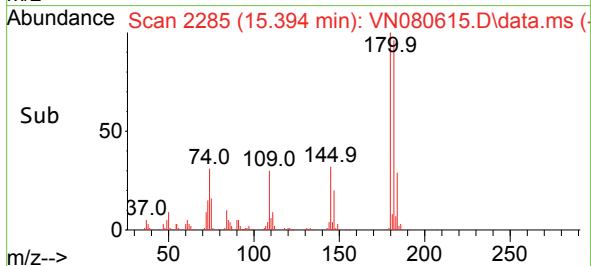
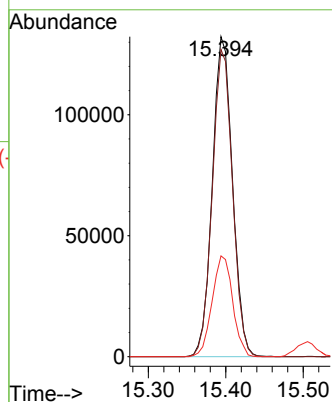
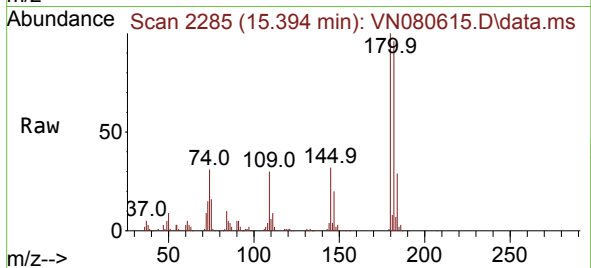
Tgt Ion:180 Resp: 239729

Ion Ratio Lower Upper

180 100

182 96.1 46.1 138.2

145 32.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 42.679 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

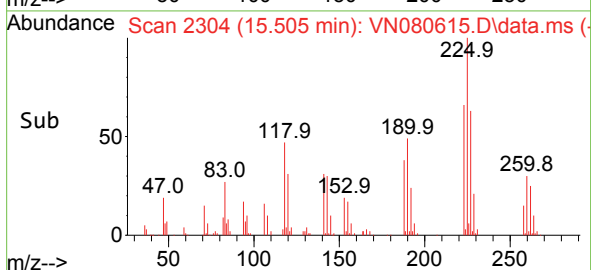
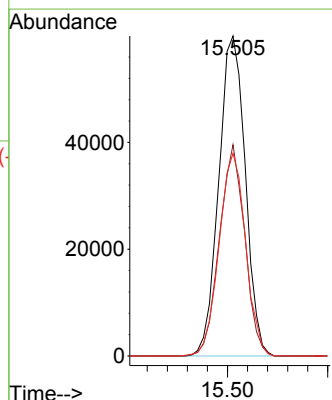
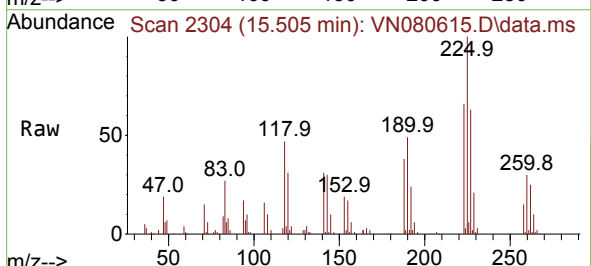
Tgt Ion:225 Resp: 109859

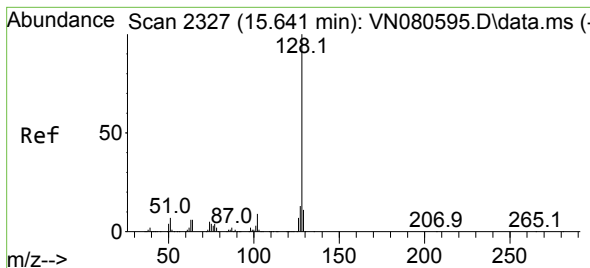
Ion Ratio Lower Upper

225 100

223 62.9 31.3 93.8

227 63.3 31.9 95.9





#95

Naphthalene

Concen: 49.309 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

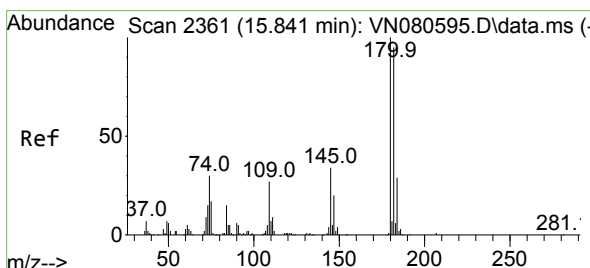
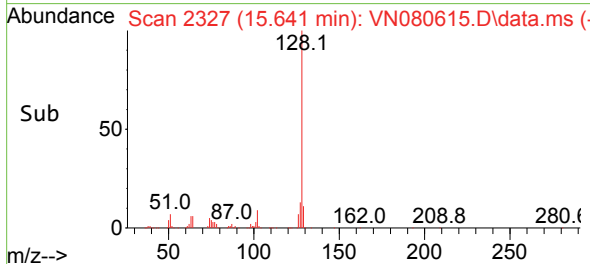
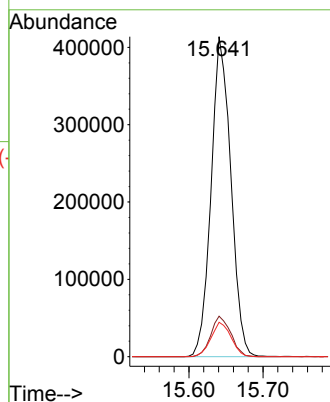
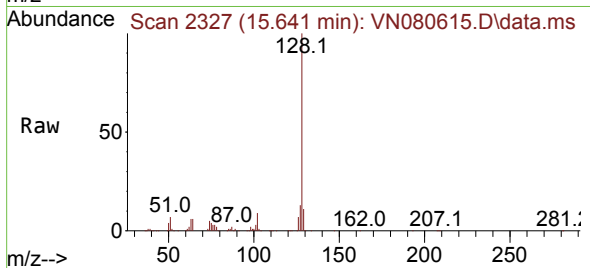
Tgt Ion:128 Resp: 765466

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 45.760 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080615.D

Acq: 29 Dec 2023 15:15

Tgt Ion:180 Resp: 230746

Ion Ratio Lower Upper

180 100

182 95.2 46.2 138.6

145 33.8 17.5 52.6

