

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
 Data File : VN080604.D
 Acq On : 29 Dec 2023 09:47
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Dec 29 23:36:36 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	439789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	833050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	696045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	298635	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	271117	48.060	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.120%
35) Dibromofluoromethane	8.165	113	216905	40.259	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	80.520%
50) Toluene-d8	10.571	98	841006	44.707	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.420%
62) 4-Bromofluorobenzene	12.853	95	302933	47.849	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	238966	48.915	ug/l	100
3) Chloromethane	2.359	50	304327	56.037	ug/l	96
4) Vinyl Chloride	2.512	62	274897	50.565	ug/l	98
5) Bromomethane	2.948	94	108295	52.420	ug/l	96
6) Chloroethane	3.118	64	168073	49.518	ug/l	95
7) Trichlorofluoromethane	3.495	101	380886	49.066	ug/l	99
8) Diethyl Ether	3.959	74	170034	63.783	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	243580	57.482	ug/l	97
10) Methyl Iodide	4.589	142	164991	56.356	ug/l	98
11) Tert butyl alcohol	5.512	59	196921	259.469	ug/l	99
12) 1,1-Dichloroethene	4.342	96	239508	58.926	ug/l	88
13) Acrolein	4.171	56	262380	305.774	ug/l	95
14) Allyl chloride	5.024	41	335279	54.334	ug/l	90
15) Acrylonitrile	5.712	53	560670	259.019	ug/l	98
16) Acetone	4.424	43	422879	275.764	ug/l	100
17) Carbon Disulfide	4.712	76	602614	55.133	ug/l	100
18) Methyl Acetate	5.018	43	491249	57.782	ug/l	90
19) Methyl tert-butyl Ether	5.795	73	766859	52.405	ug/l	97
20) Methylene Chloride	5.277	84	280872	57.403	ug/l #	88
21) trans-1,2-Dichloroethene	5.783	96	239122	48.691	ug/l #	83
22) Diisopropyl ether	6.671	45	832843	60.764	ug/l #	87
23) Vinyl Acetate	6.600	43	2211949	290.972	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	508338	55.333	ug/l	98
25) 2-Butanone	7.483	43	757679	264.356	ug/l #	85
26) 2,2-Dichloropropane	7.489	77	421611	52.721	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	312471	53.494	ug/l	91
28) Bromochloromethane	7.806	49	204790	47.942	ug/l	88
29) Tetrahydrofuran	7.836	42	410325	219.520	ug/l #	84
30) Chloroform	7.965	83	432742	46.918	ug/l	97
31) Cyclohexane	8.259	56	316128	41.419	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	385244	46.322	ug/l	99
36) 1,1-Dichloropropene	8.371	75	322873	38.938	ug/l	97
37) Ethyl Acetate	7.553	43	298086	47.642	ug/l	96
38) Carbon Tetrachloride	8.365	117	339587	40.032	ug/l	95
39) Methylcyclohexane	9.600	83	343456	50.500	ug/l #	87
40) Benzene	8.606	78	1028631	42.596	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
 Data File : VN080604.D
 Acq On : 29 Dec 2023 09:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 29 23:36:36 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	183810	47.639	ug/l	86
42) 1,2-Dichloroethane	8.671	62	337865	43.976	ug/l	99
43) Isopropyl Acetate	8.688	43	457687	45.131	ug/l	97
44) Trichloroethene	9.353	130	268360	43.356	ug/l	93
45) 1,2-Dichloropropane	9.624	63	297127	52.725	ug/l	97
46) Dibromomethane	9.712	93	176954	46.670	ug/l	91
47) Bromodichloromethane	9.888	83	400153	50.349	ug/l	95
48) Methyl methacrylate	9.682	41	298084	52.937	ug/l #	82
49) 1,4-Dioxane	9.694	88	86666	962.929	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	1559594	270.385	ug/l	97
52) Toluene	10.635	92	606025	45.966	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	388569	48.496	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	478792	53.393	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	276027	52.781	ug/l	95
56) Ethyl methacrylate	10.877	69	278441	54.356	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	476307	53.754	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1102449	304.758	ug/l	93
59) 2-Hexanone	11.200	43	1189495	273.613	ug/l	97
60) Dibromochloromethane	11.359	129	292536	50.234	ug/l	100
61) 1,2-Dibromoethane	11.471	107	243277	46.137	ug/l	99
64) Tetrachloroethene	11.106	164	230518	49.563	ug/l	94
65) Chlorobenzene	11.894	112	707735	48.877	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	275257	49.419	ug/l	97
67) Ethyl Benzene	11.965	91	1246251	51.482	ug/l	99
68) m/p-Xylenes	12.071	106	953905	106.200	ug/l	98
69) o-Xylene	12.400	106	417857	47.367	ug/l	98
70) Styrene	12.412	104	627008	48.876	ug/l	97
71) Bromoform	12.582	173	182209	46.245	ug/l #	99
73) Isopropylbenzene	12.700	105	1050751	51.408	ug/l	100
74) N-amyl acetate	12.494	43	383102	53.128	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	329716	46.744	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	434778	67.689	ug/l	73
77) Bromobenzene	12.982	156	264156	48.659	ug/l	99
78) n-propylbenzene	13.041	91	1198142	51.259	ug/l	100
79) 2-Chlorotoluene	13.129	91	737787	48.350	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	865885	50.170	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	120095	50.646	ug/l #	87
82) 4-Chlorotoluene	13.223	91	758448	48.602	ug/l	100
83) tert-Butylbenzene	13.441	119	696545	48.288	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	878018	50.242	ug/l	99
85) sec-Butylbenzene	13.618	105	945239	49.519	ug/l	100
86) p-Isopropyltoluene	13.729	119	832428	46.036	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	452010	46.200	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	445089	45.256	ug/l	98
89) n-Butylbenzene	14.059	91	709742	49.751	ug/l	100
90) Hexachloroethane	14.335	117	138121	46.354	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	436449	46.218	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	66891	45.947	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	215789	43.311	ug/l	97
94) Hexachlorobutadiene	15.506	225	104983	40.831	ug/l	97
95) Naphthalene	15.647	128	716684	46.219	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	216680	43.020	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
Data File : VN080604.D
Acq On : 29 Dec 2023 09:47
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

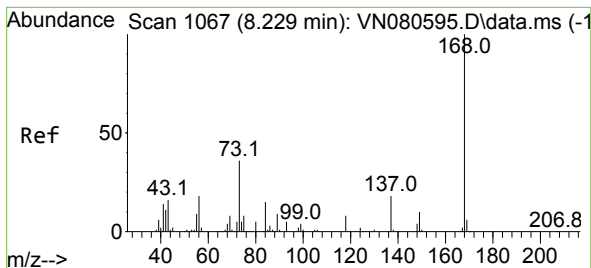
Quant Time: Dec 29 23:36:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 28 03:07:01 2023
Response via : Initial Calibration

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

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

Quant Time: Dec 29 23:36:36 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

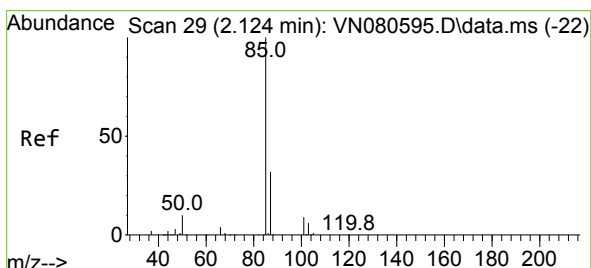
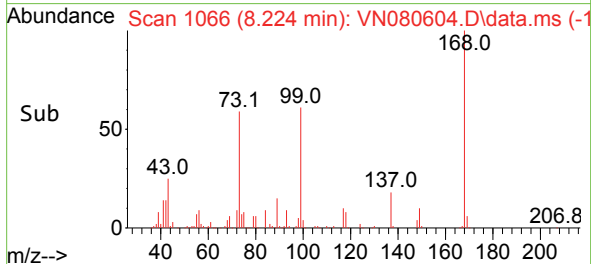
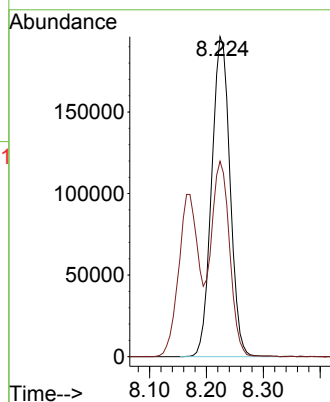
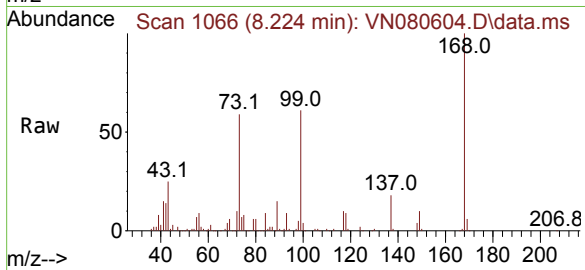




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

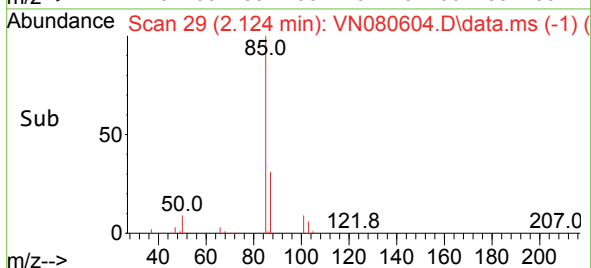
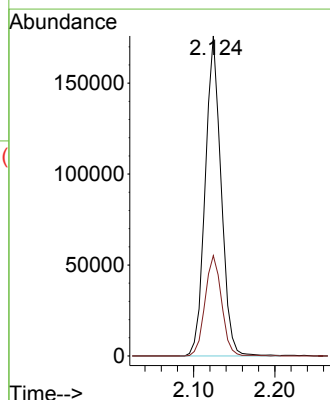
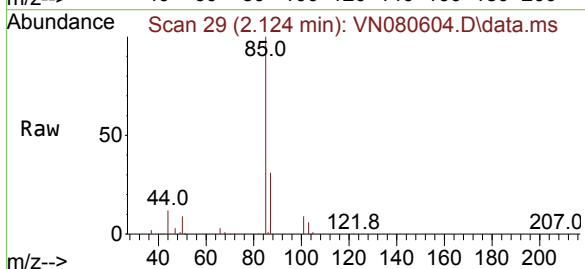
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

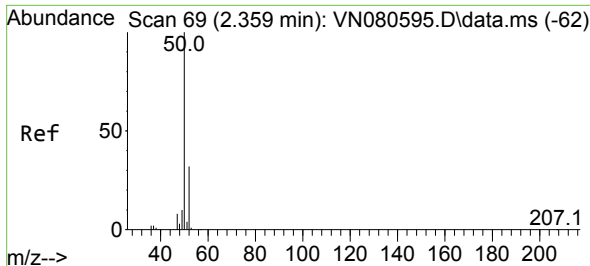
Tgt Ion:168 Resp: 439789
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 48.915 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 85 Resp: 238966
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4

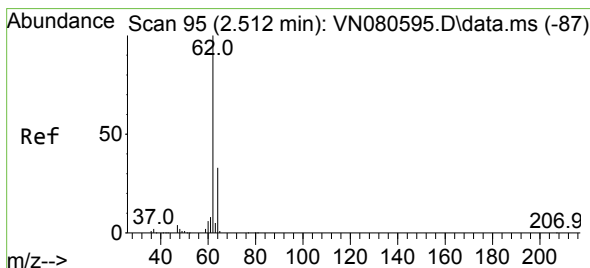
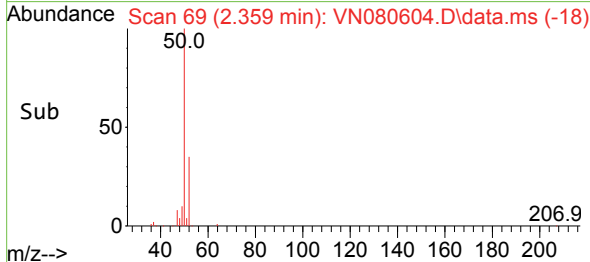
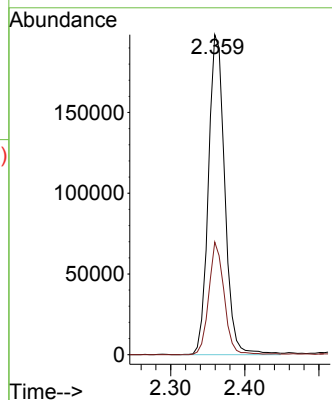
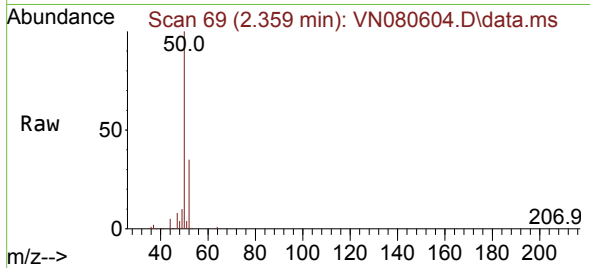




#3
Chloromethane
Concen: 56.037 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

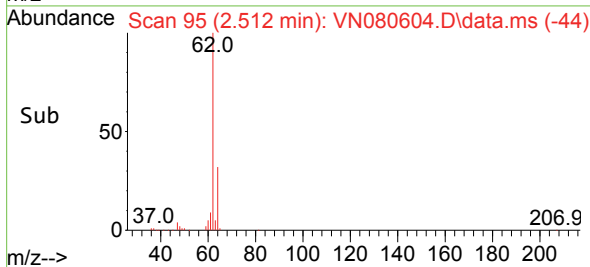
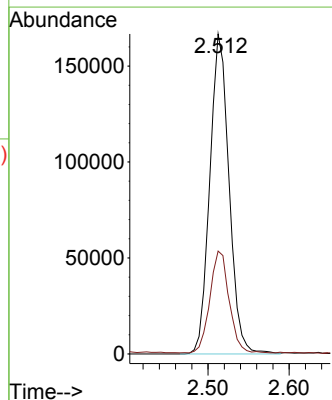
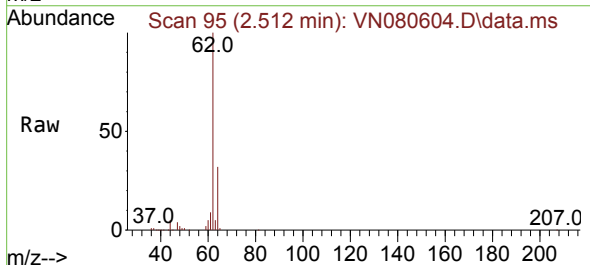
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

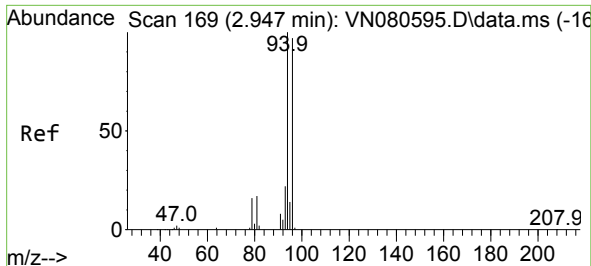
Tgt Ion: 50 Resp: 304327
Ion Ratio Lower Upper
50 100
52 35.2 26.5 39.7



#4
Vinyl Chloride
Concen: 50.565 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 62 Resp: 274897
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2

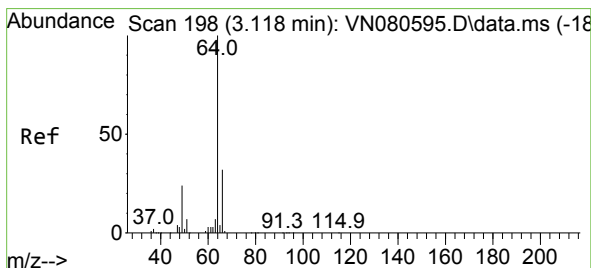
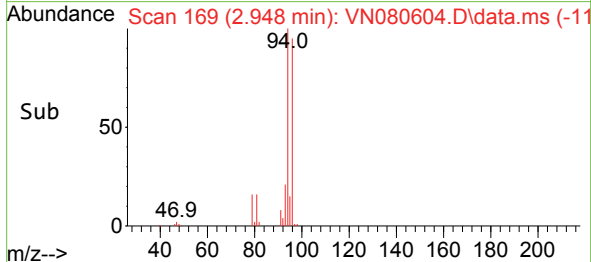
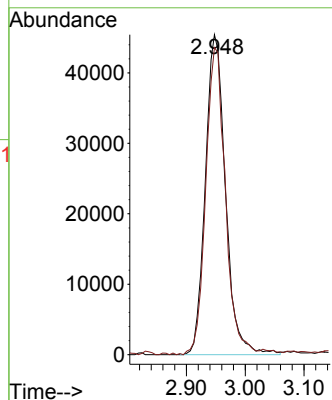
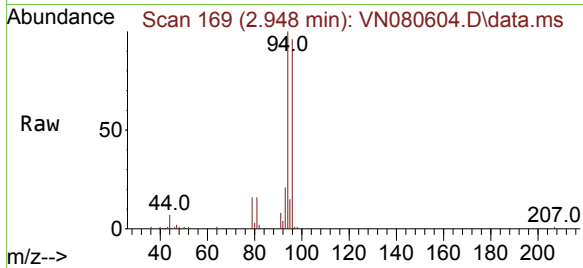




#5
Bromomethane
Concen: 52.420 ug/l
RT: 2.948 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

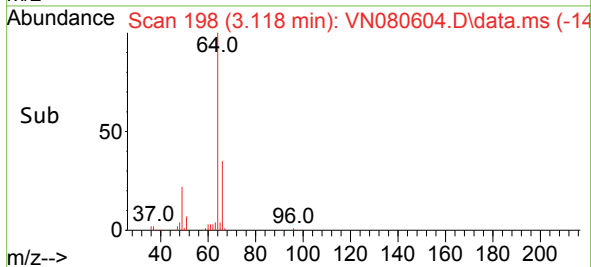
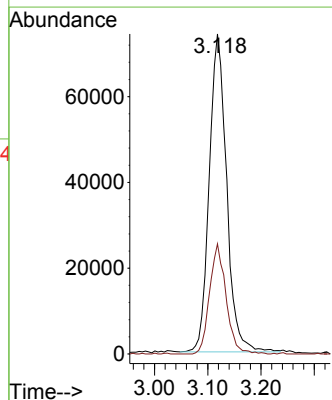
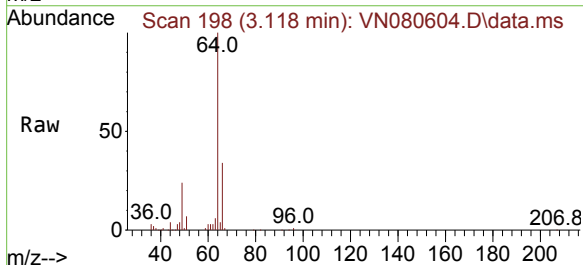
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

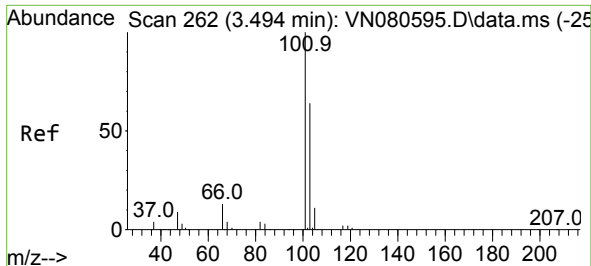
Tgt Ion: 94 Resp: 108295
Ion Ratio Lower Upper
94 100
96 95.6 73.1 109.7



#6
Chloroethane
Concen: 49.518 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 64 Resp: 168073
Ion Ratio Lower Upper
64 100
66 34.6 25.4 38.2

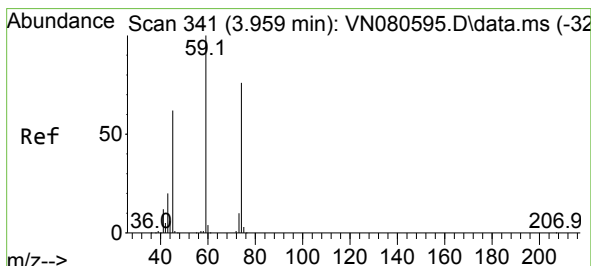
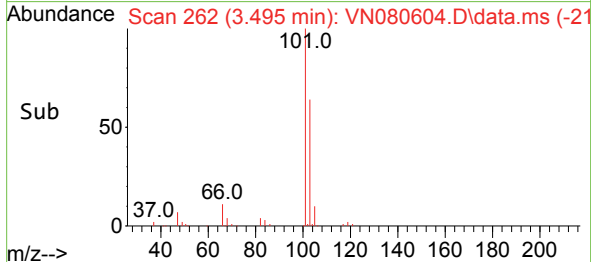
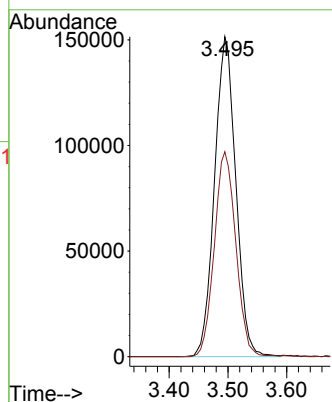
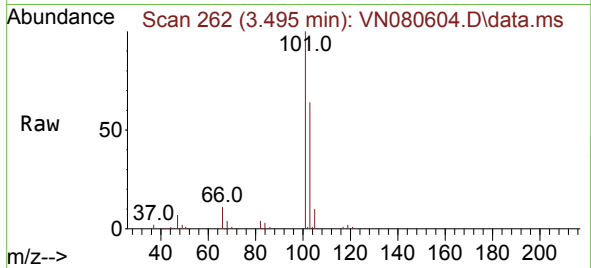




#7
 Trichlorofluoromethane
 Concen: 49.066 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN080604.D
 Acq: 29 Dec 2023 09:47

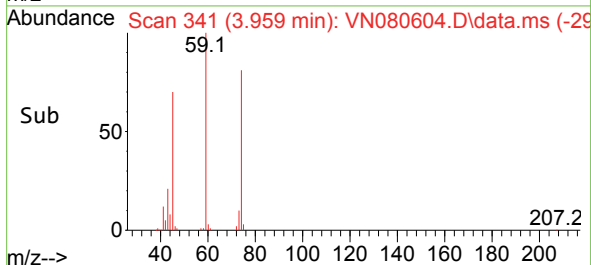
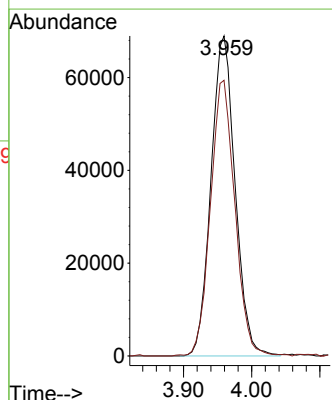
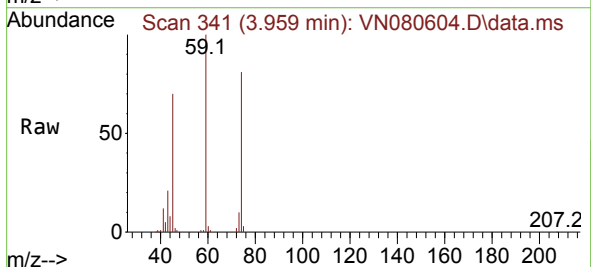
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

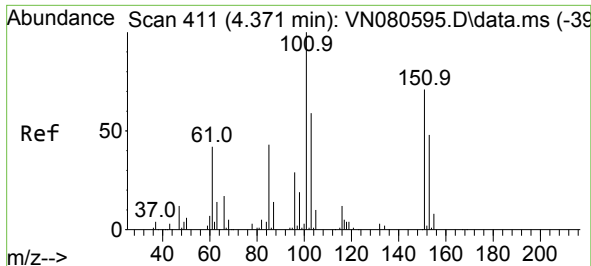
Tgt Ion:101 Resp: 380886
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.7 76.1



#8
 Diethyl Ether
 Concen: 63.783 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080604.D
 Acq: 29 Dec 2023 09:47

Tgt Ion: 74 Resp: 170034
 Ion Ratio Lower Upper
 74 100
 45 87.4 34.4 103.3

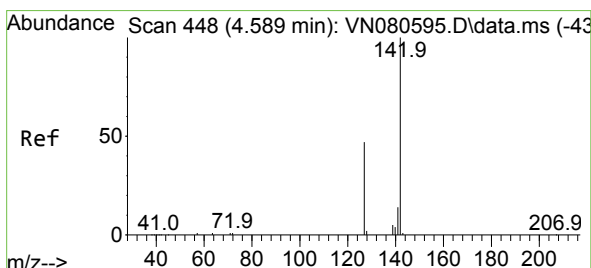
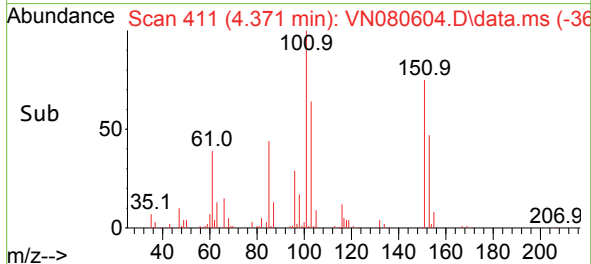
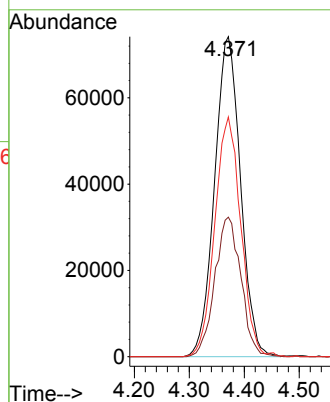
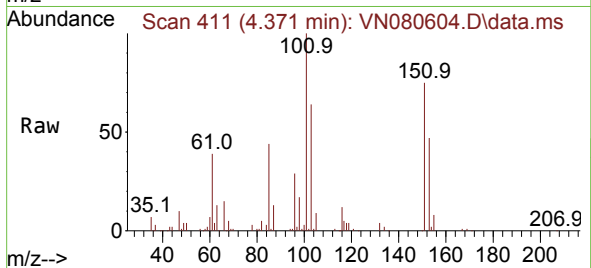




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.482 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

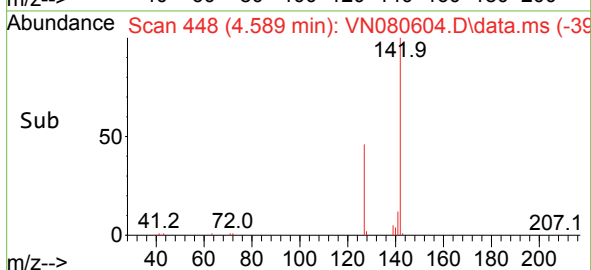
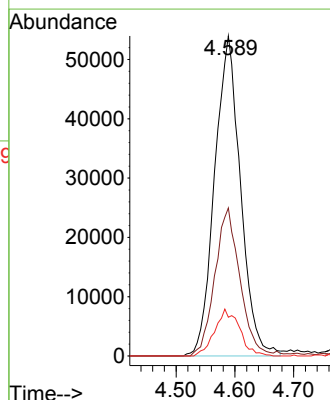
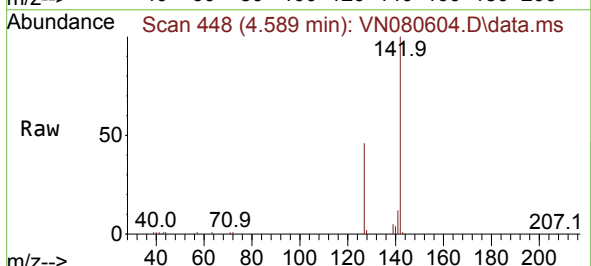
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

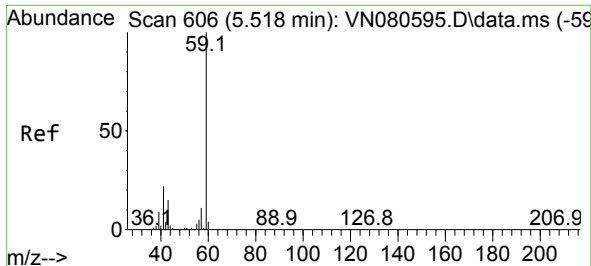
Tgt Ion:101 Resp: 243580
Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 74.6 57.6 86.4



#10
Methyl Iodide
Concen: 56.356 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion:142 Resp: 164991
Ion Ratio Lower Upper
142 100
127 46.2 37.6 56.4
141 12.1 11.4 17.0

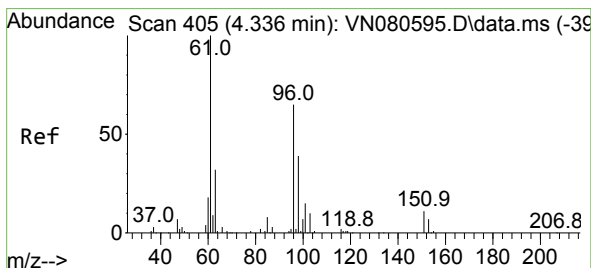
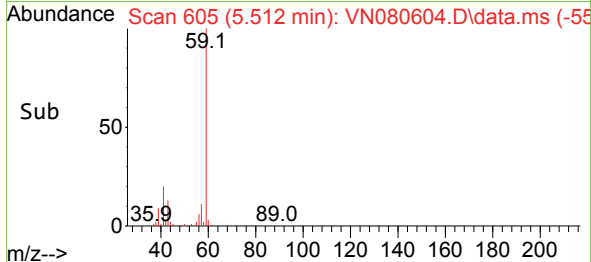
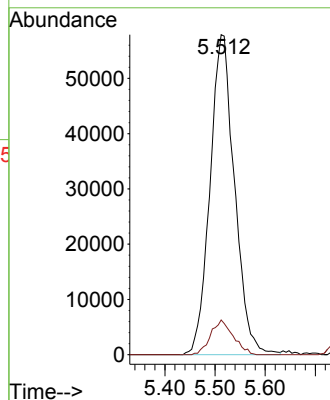
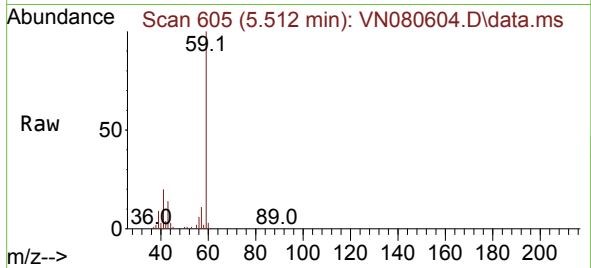




#11
Tert butyl alcohol
Concen: 259.469 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

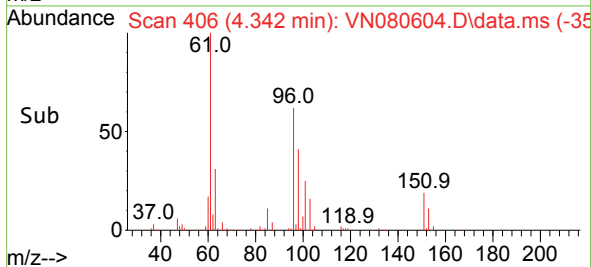
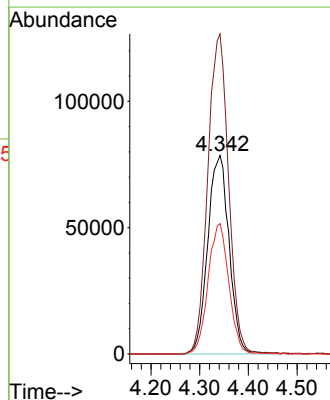
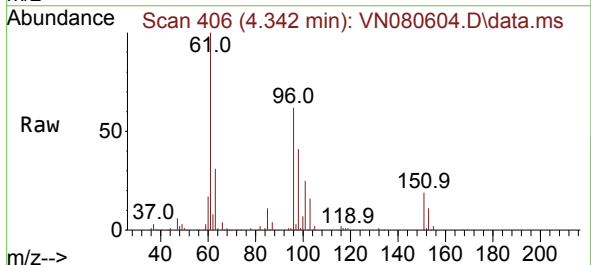
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

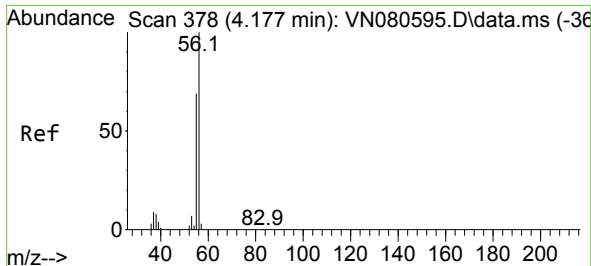
Tgt Ion: 59 Resp: 196921
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 58.926 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 96 Resp: 239508
Ion Ratio Lower Upper
96 100
61 161.2 112.7 169.1
98 65.7 51.2 76.8

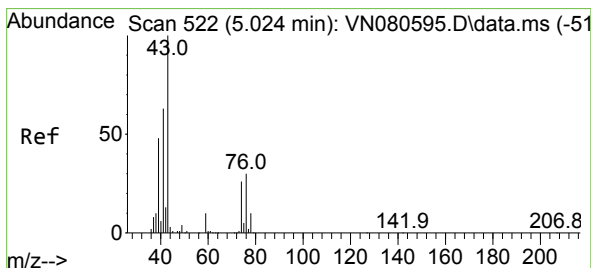
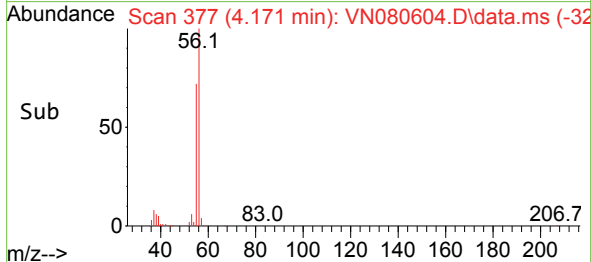
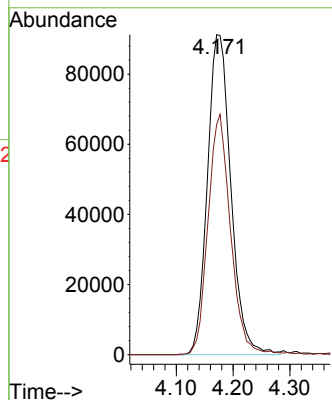
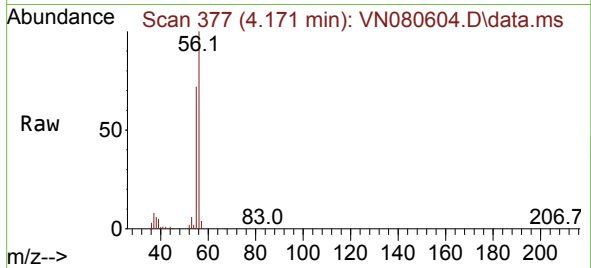




#13
Acrolein
Concen: 305.774 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

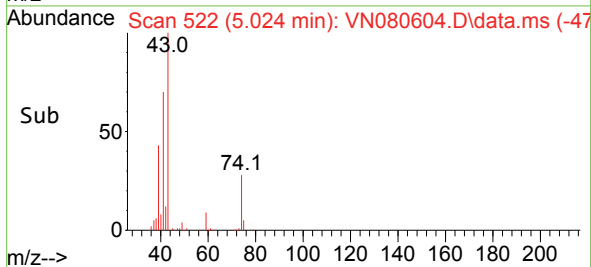
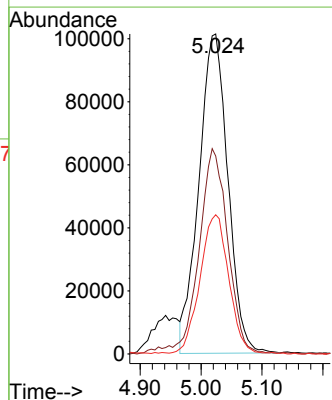
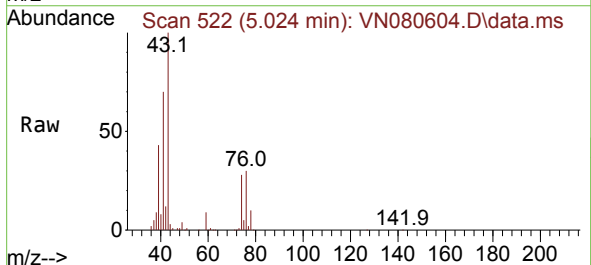
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

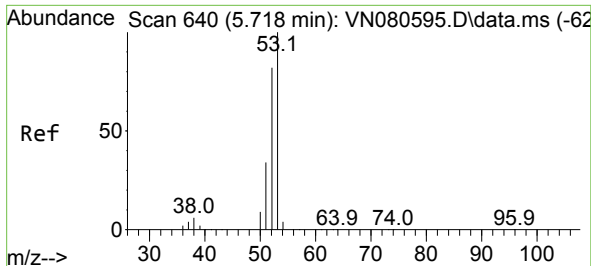
Tgt Ion: 56 Resp: 262380
Ion Ratio Lower Upper
56 100
55 71.9 54.5 81.7



#14
Allyl chloride
Concen: 54.334 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 41 Resp: 335279
Ion Ratio Lower Upper
41 100
39 64.5 58.8 88.2
76 42.6 39.1 58.7

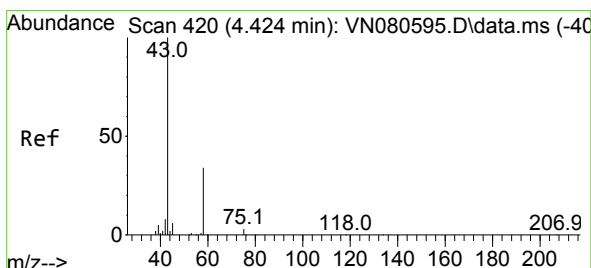
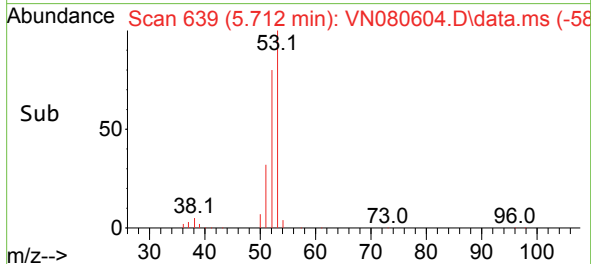
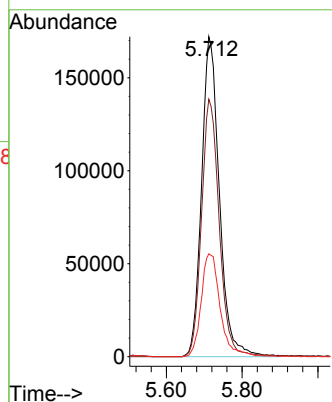
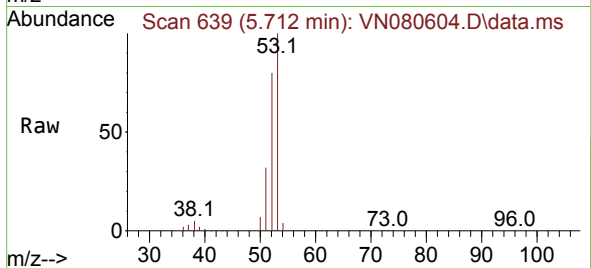




#15
Acrylonitrile
Concen: 259.019 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

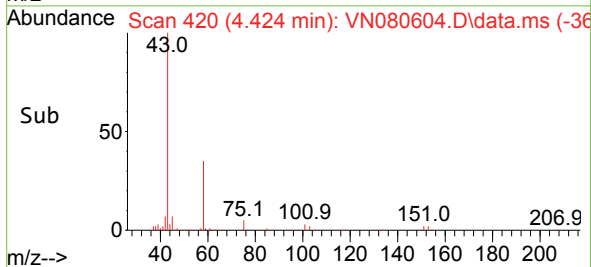
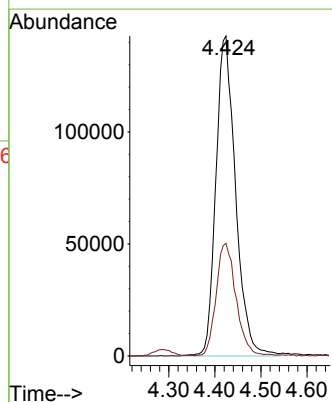
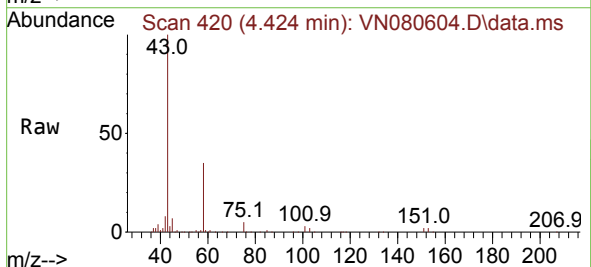
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

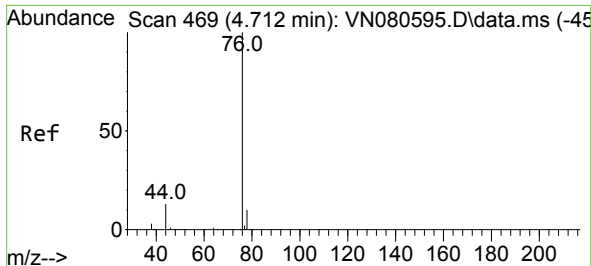
Tgt Ion: 53 Resp: 560670
Ion Ratio Lower Upper
53 100
52 80.2 65.3 97.9
51 34.5 28.9 43.3



#16
Acetone
Concen: 275.764 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 43 Resp: 422879
Ion Ratio Lower Upper
43 100
58 34.9 28.0 42.0

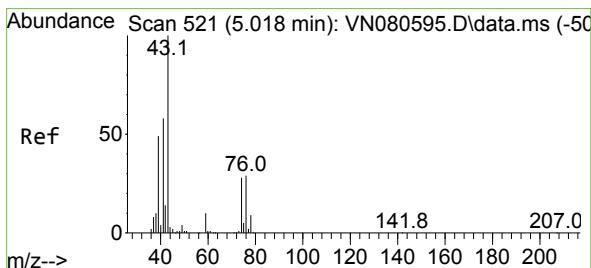
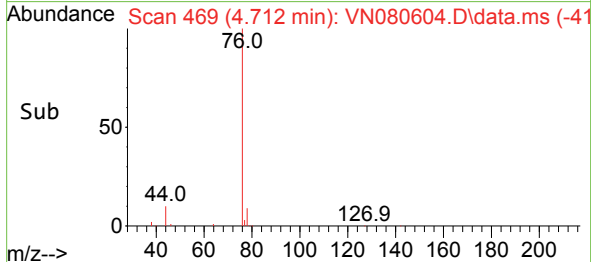
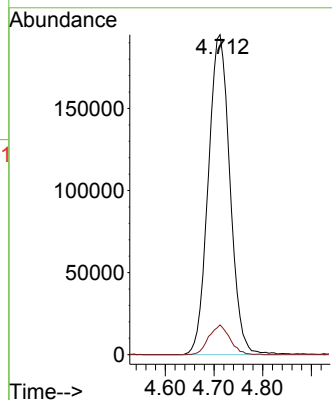
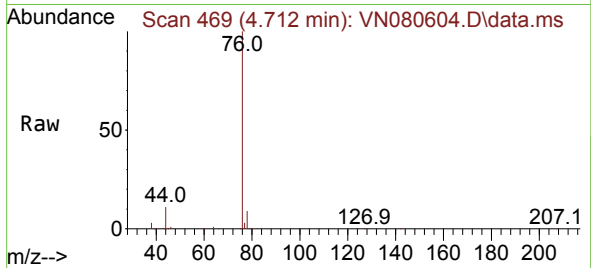




#17
Carbon Disulfide
Concen: 55.133 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

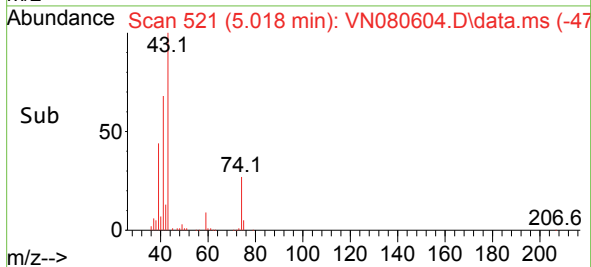
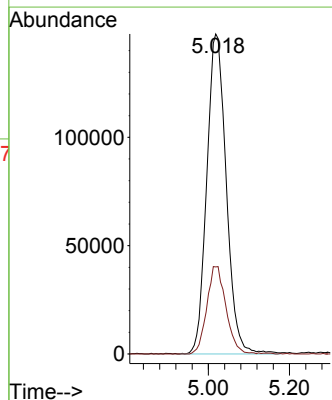
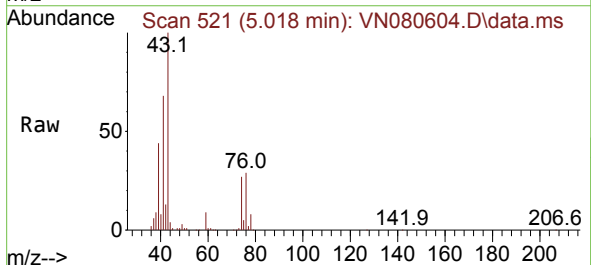
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

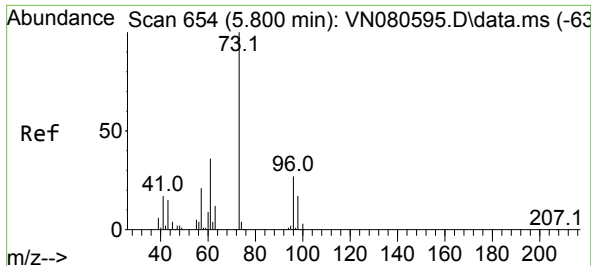
Tgt Ion: 76 Resp: 602614
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 57.782 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 43 Resp: 491249
Ion Ratio Lower Upper
43 100
74 26.9 26.2 39.4

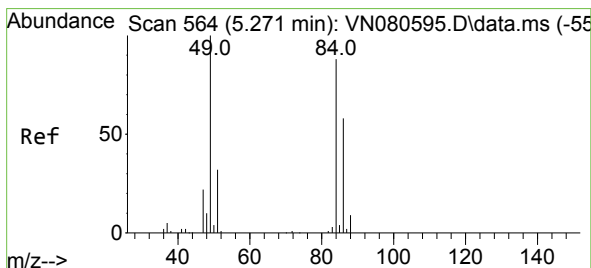
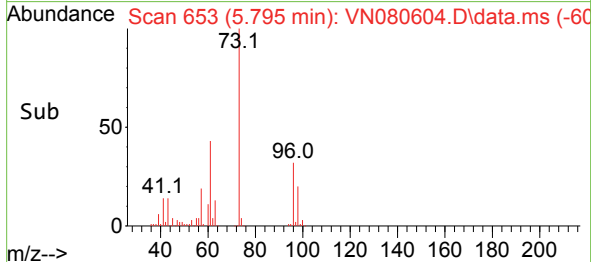
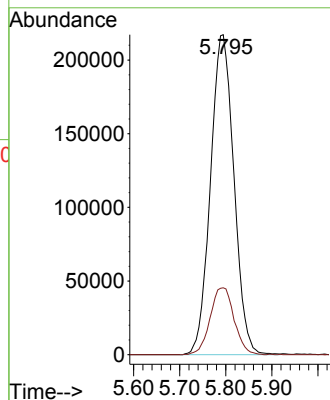
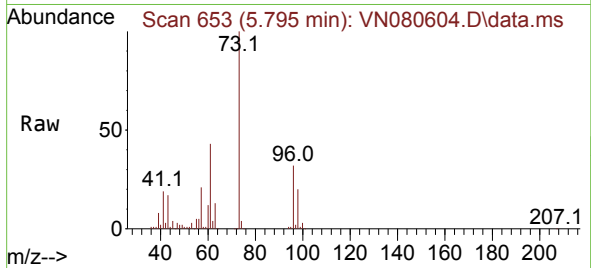




#19
Methyl tert-butyl Ether
Concen: 52.405 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

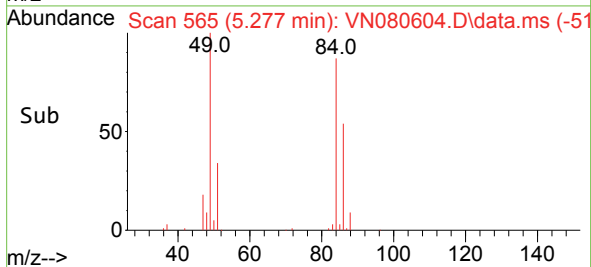
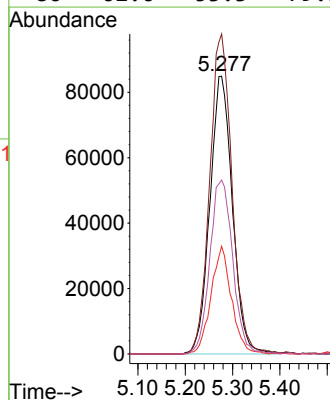
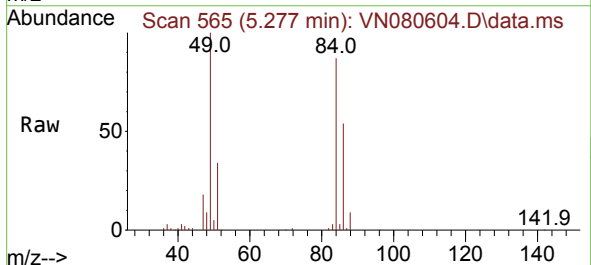
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

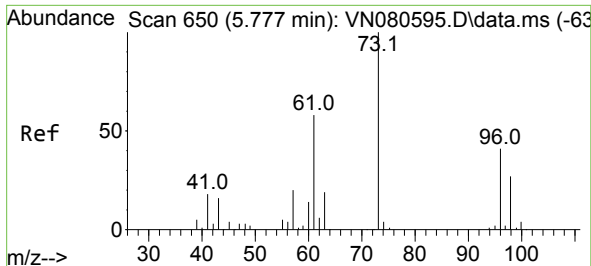
Tgt Ion: 73 Resp: 766859
Ion Ratio Lower Upper
73 100
57 20.9 15.6 23.4



#20
Methylene Chloride
Concen: 57.403 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 84 Resp: 280872
Ion Ratio Lower Upper
84 100
49 115.2 79.7 119.5
51 38.7 25.2 37.8#
86 62.6 53.3 79.9

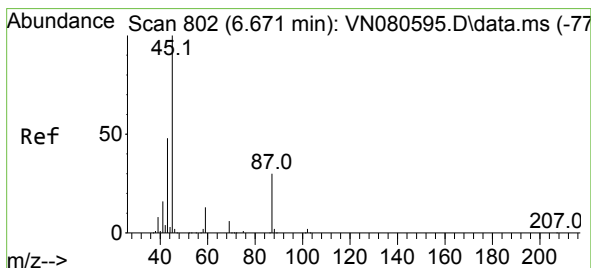
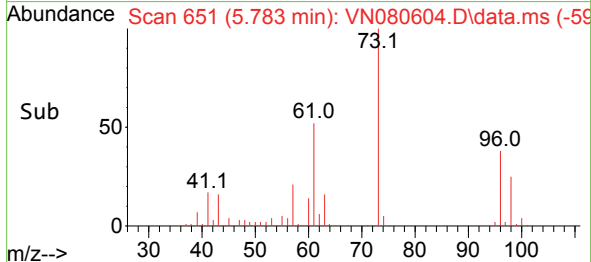
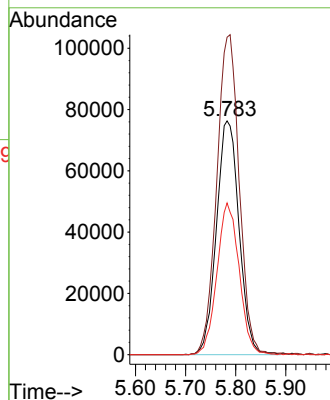
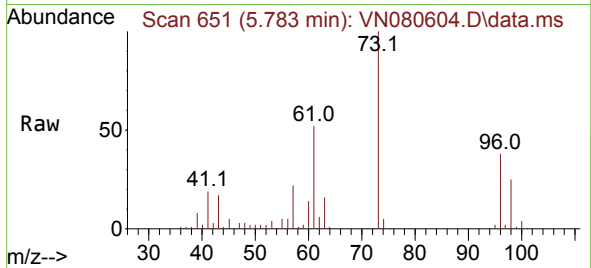




#21
trans-1,2-Dichloroethene
Concen: 48.691 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

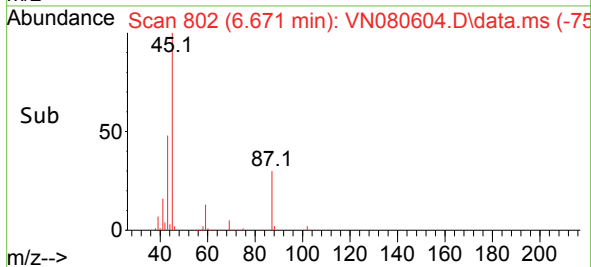
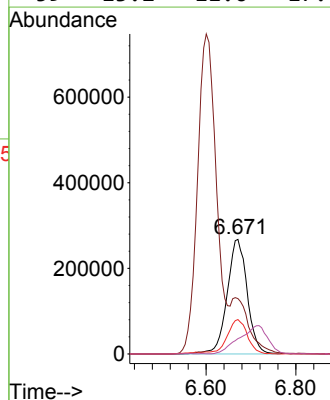
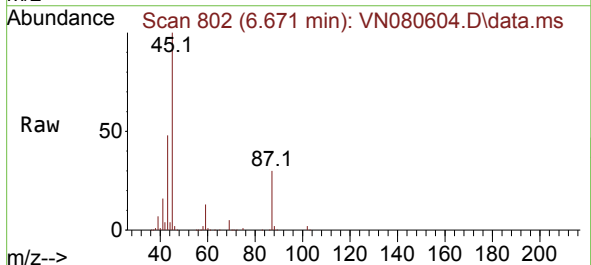
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

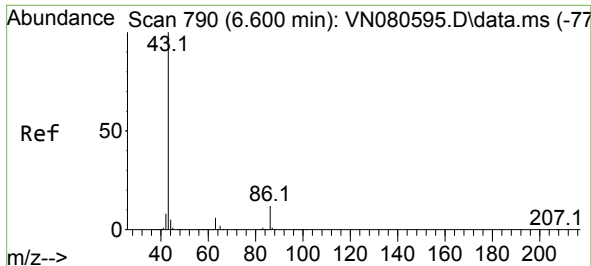
Tgt Ion: 96 Resp: 239122
Ion Ratio Lower Upper
96 100
61 135.7 90.1 135.1#
98 64.9 46.4 69.6



#22
Diisopropyl ether
Concen: 60.764 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 45 Resp: 832843
Ion Ratio Lower Upper
45 100
43 47.1 45.5 68.3
87 30.0 31.8 47.8#
59 13.2 11.6 17.4

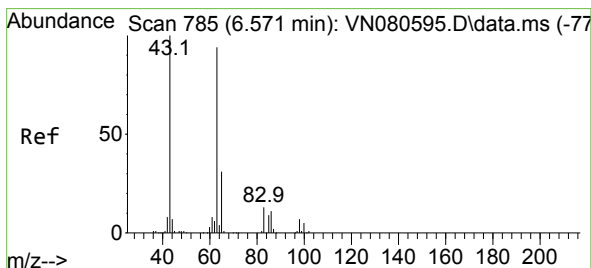
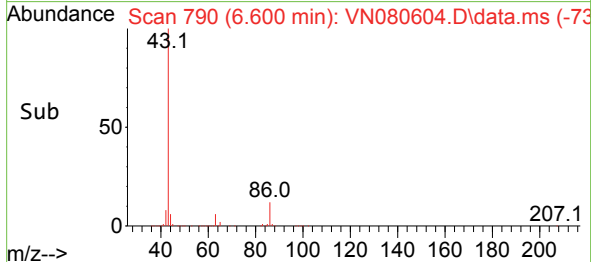
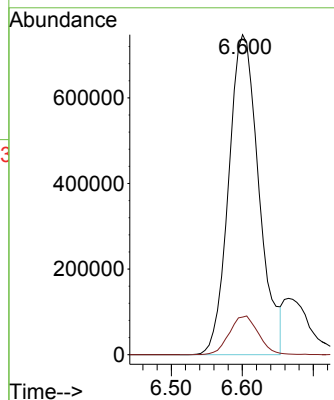
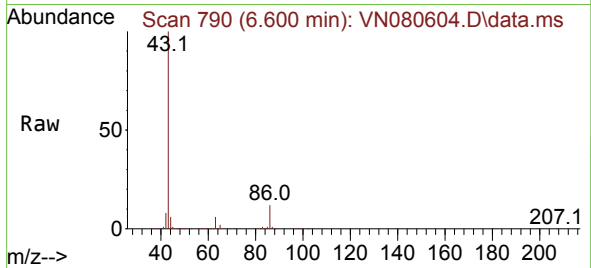




#23
 Vinyl Acetate
 Concen: 290.972 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080604.D
 Acq: 29 Dec 2023 09:47

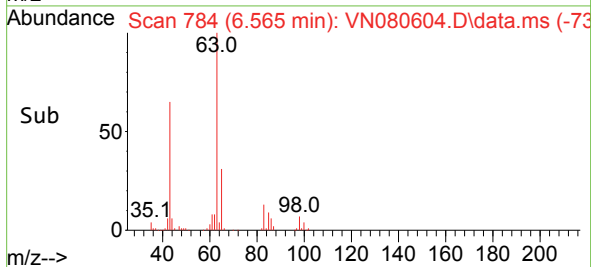
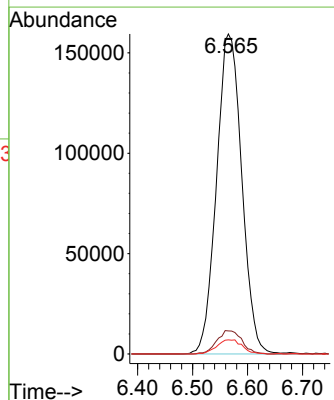
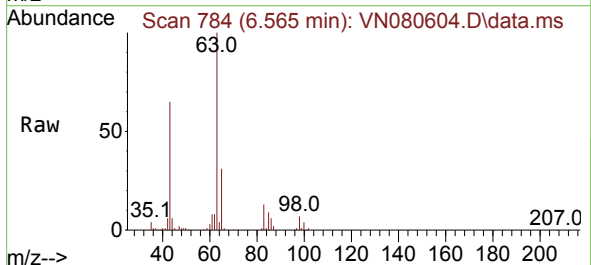
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

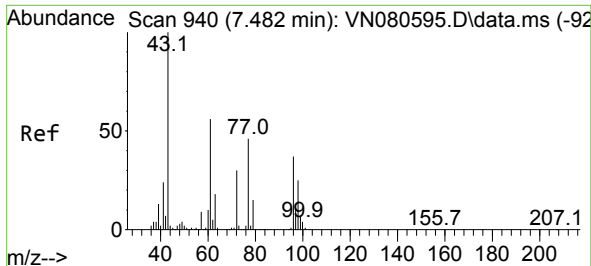
Tgt Ion: 43 Resp: 2211949
 Ion Ratio Lower Upper
 43 100
 86 11.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 55.333 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080604.D
 Acq: 29 Dec 2023 09:47

Tgt Ion: 63 Resp: 508338
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.4 2.5 7.4

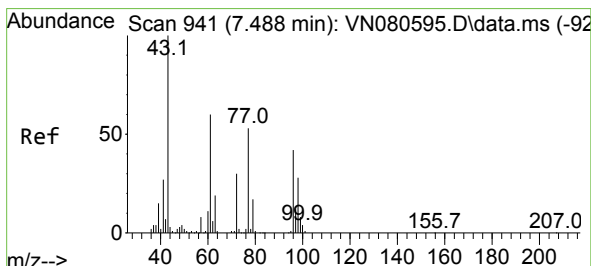
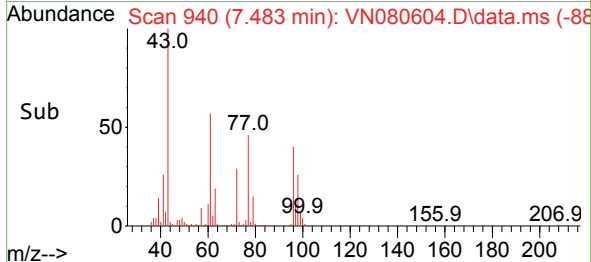
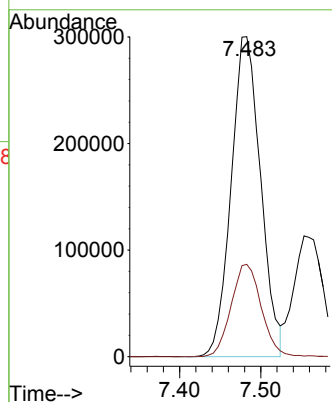
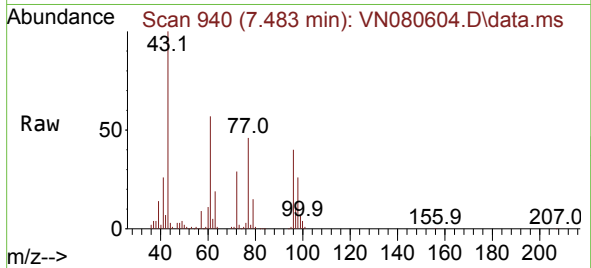




#25
2-Butanone
Concen: 264.356 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

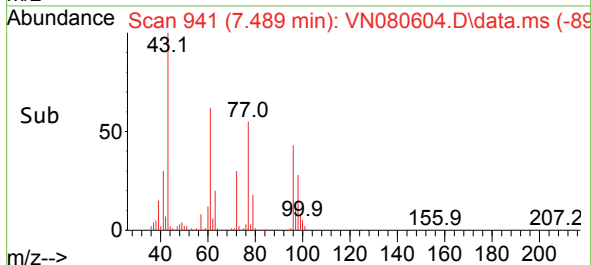
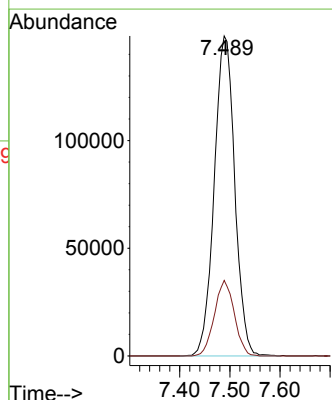
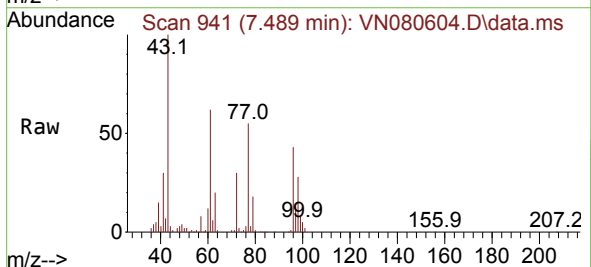
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

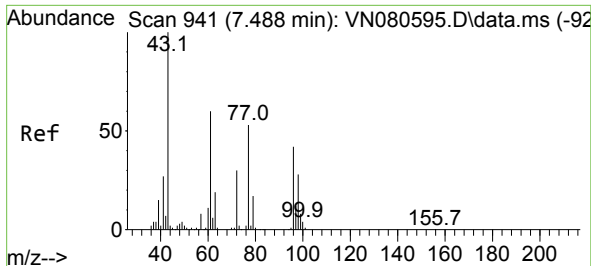
Tgt Ion: 43 Resp: 757679
Ion Ratio Lower Upper
43 100
72 28.9 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 52.721 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 77 Resp: 421611
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6

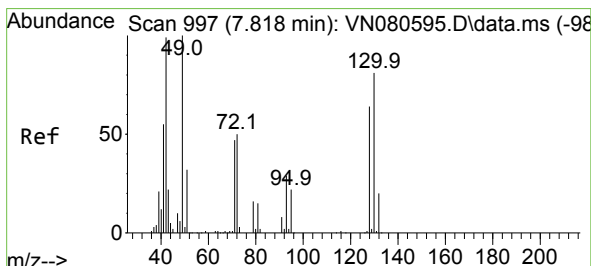
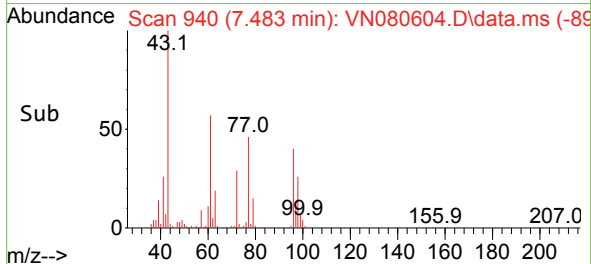
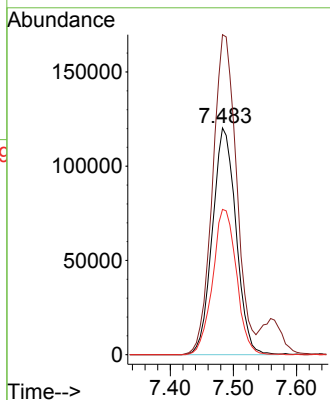
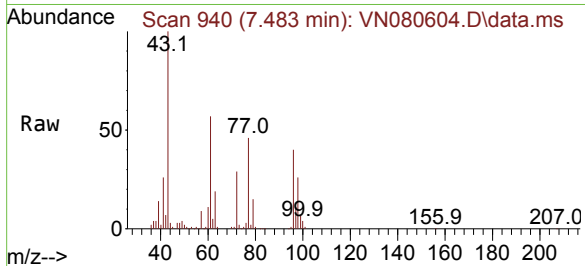




#27
 cis-1,2-Dichloroethene
 Concen: 53.494 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080604.D
 Acq: 29 Dec 2023 09:47

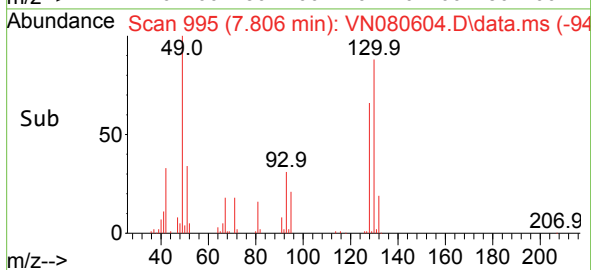
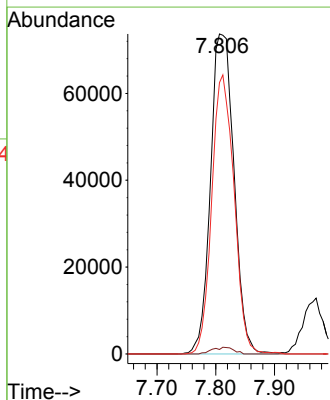
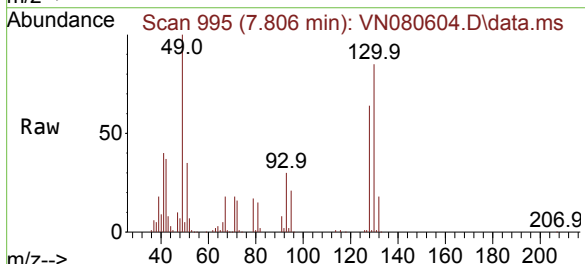
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

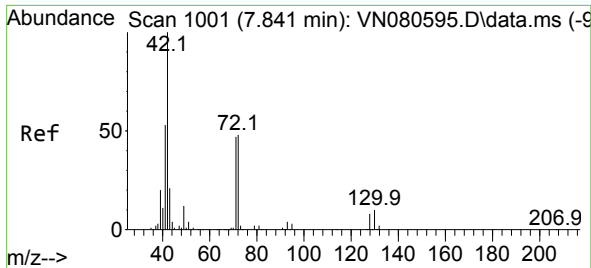
Tgt Ion: 96 Resp: 312471
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 255.2
 98 64.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 47.942 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.012 min
 Lab File: VN080604.D
 Acq: 29 Dec 2023 09:47

Tgt Ion: 49 Resp: 204790
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 82.6 75.3 112.9

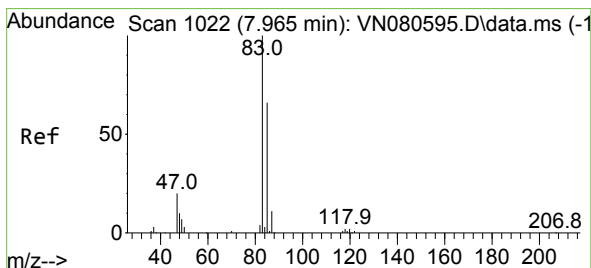
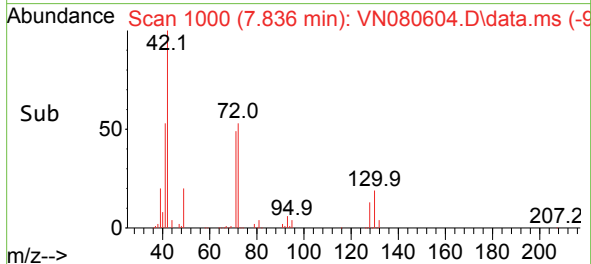
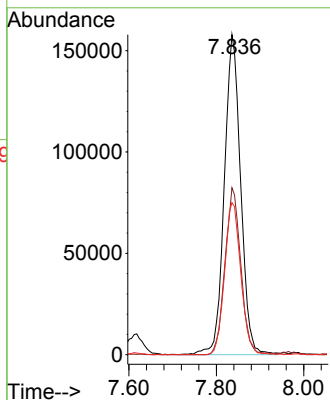
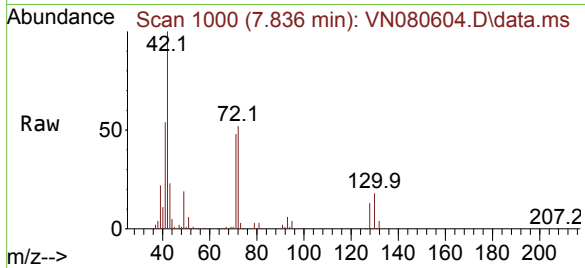




#29
Tetrahydrofuran
Concen: 219.520 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

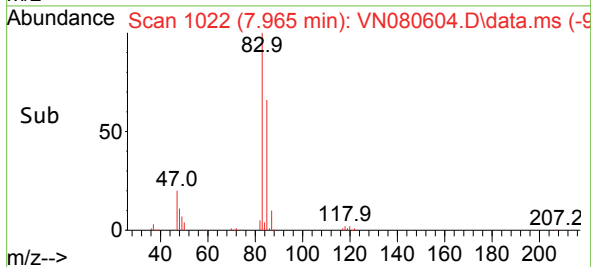
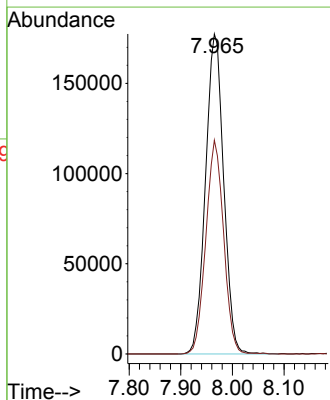
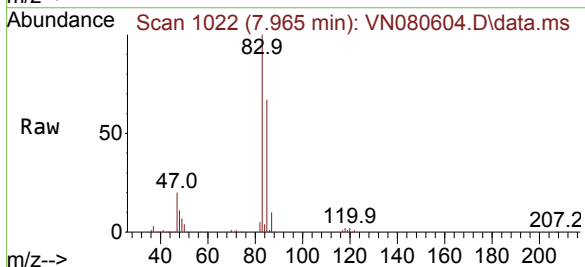
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

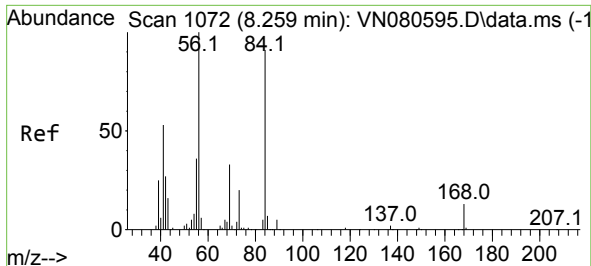
Tgt Ion: 42 Resp: 410325
Ion Ratio Lower Upper
42 100
72 50.3 49.8 74.6
71 47.3 47.4 71.2#



#30
Chloroform
Concen: 46.918 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 83 Resp: 432742
Ion Ratio Lower Upper
83 100
85 66.8 55.4 83.0

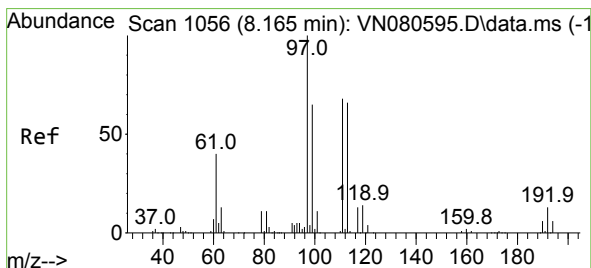
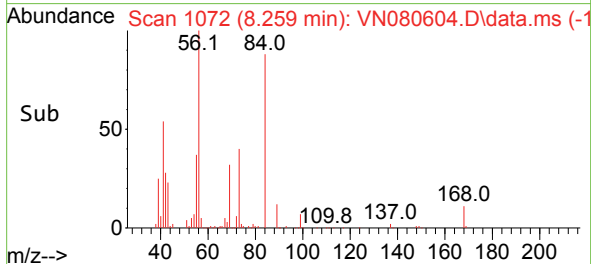
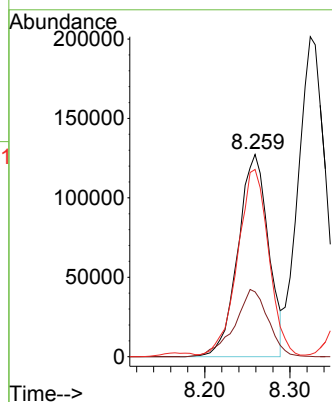
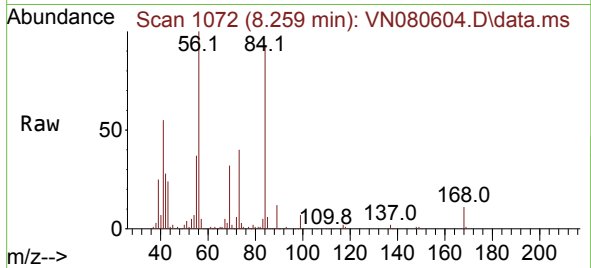




#31
Cyclohexane
Concen: 41.419 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

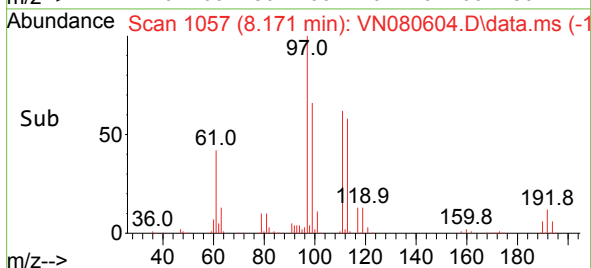
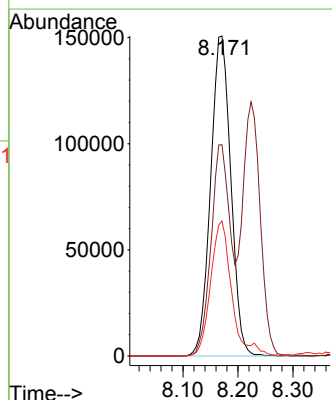
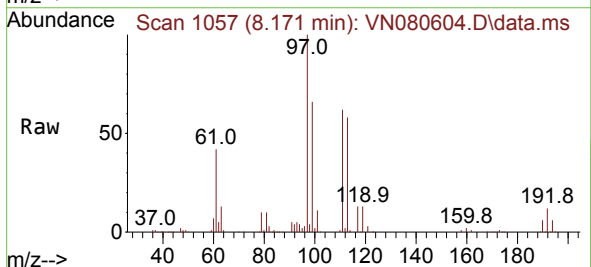
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

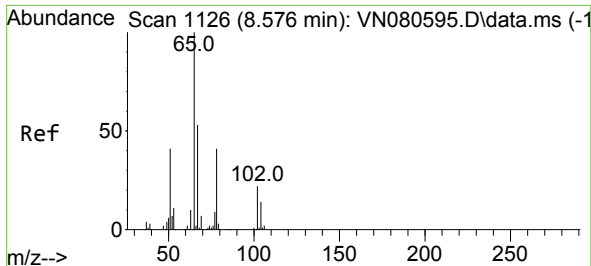
Tgt Ion: 56 Resp: 316128
Ion Ratio Lower Upper
56 100
69 32.0 26.8 40.2
84 90.9 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 46.322 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 97 Resp: 385244
Ion Ratio Lower Upper
97 100
99 62.9 50.3 75.5
61 42.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.060 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

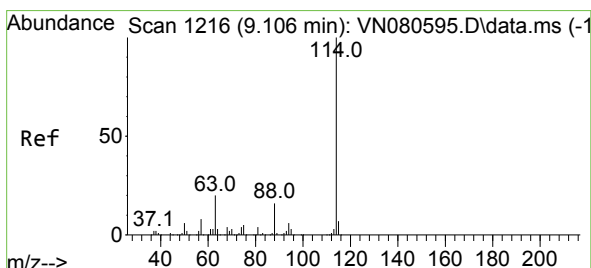
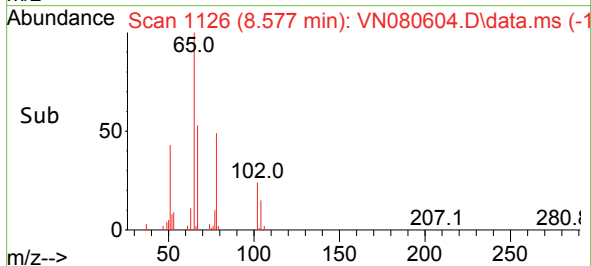
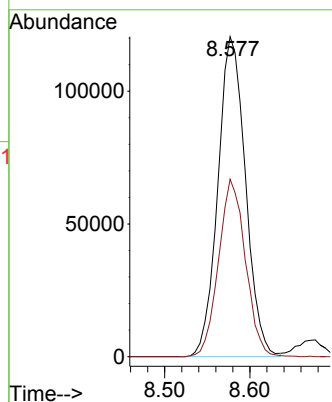
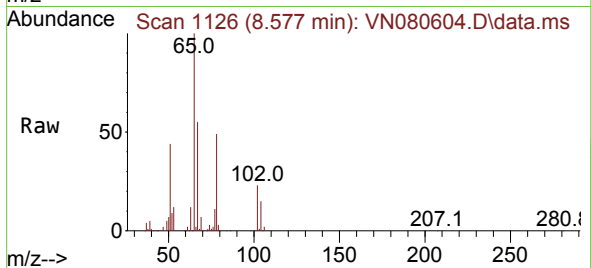
VSTDCCC050

Tgt Ion: 65 Resp: 271117

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

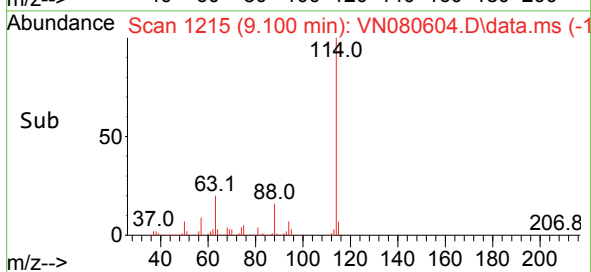
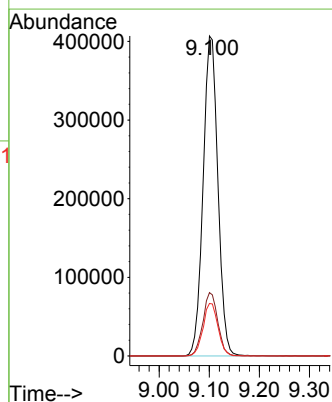
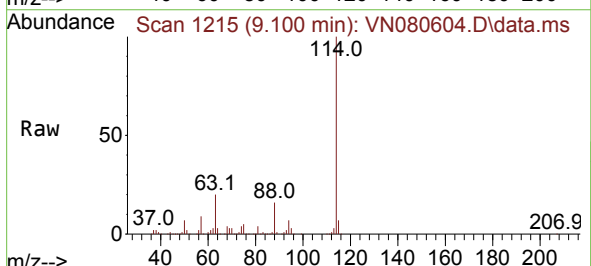
Tgt Ion: 114 Resp: 833050

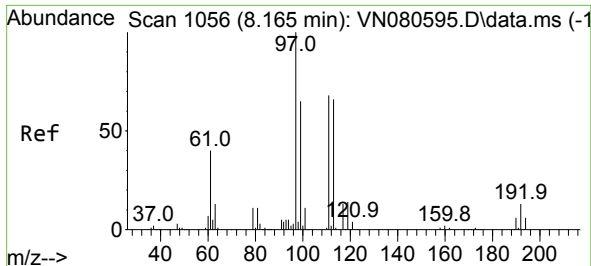
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 16.4 0.0 30.6

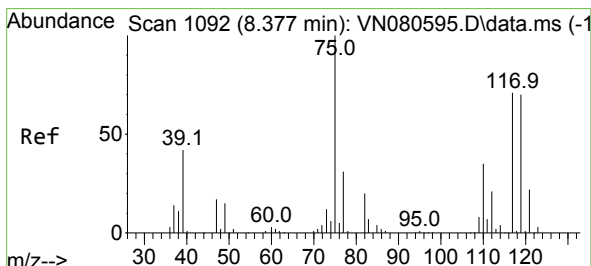
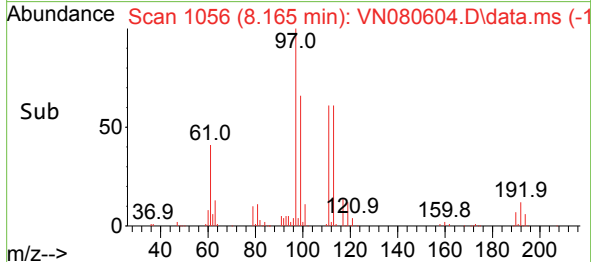
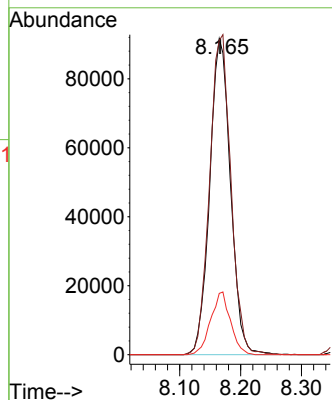
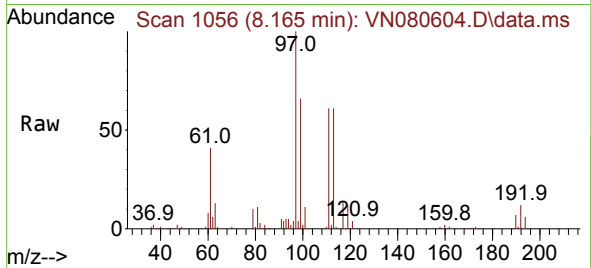




#35
Dibromofluoromethane
Concen: 40.259 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

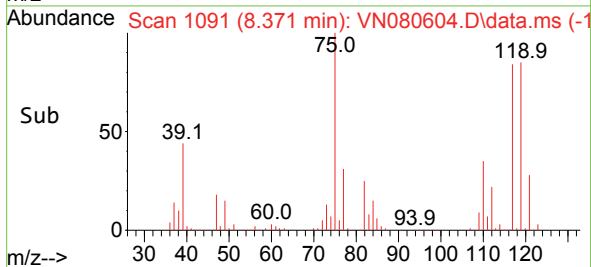
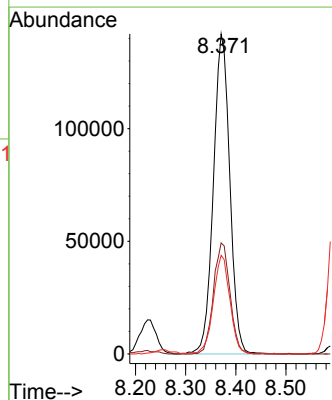
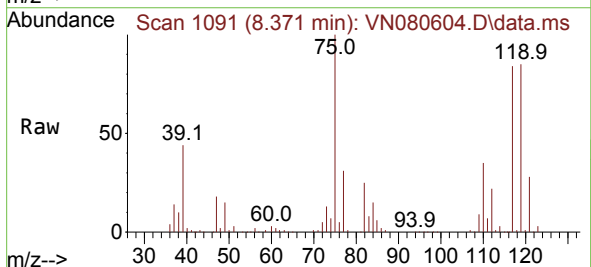
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

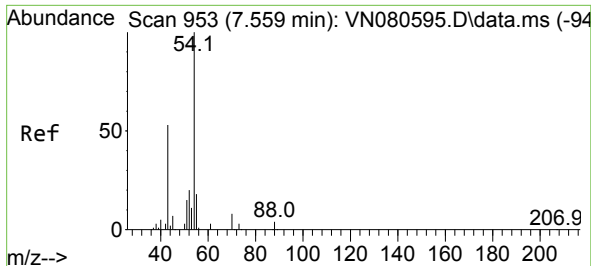
Tgt Ion:113 Resp: 216905
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 18.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 38.938 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 75 Resp: 322873
Ion Ratio Lower Upper
75 100
110 35.0 19.1 57.3
77 31.1 25.0 37.4

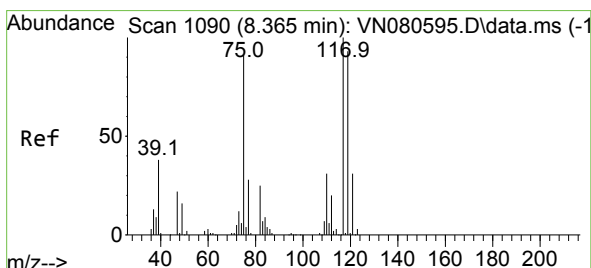
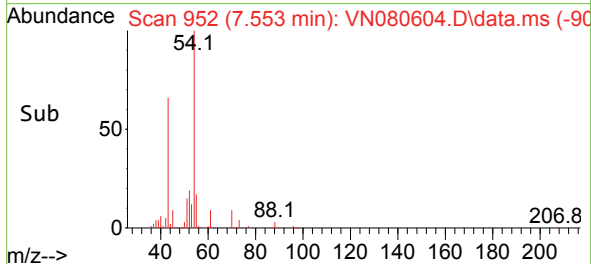
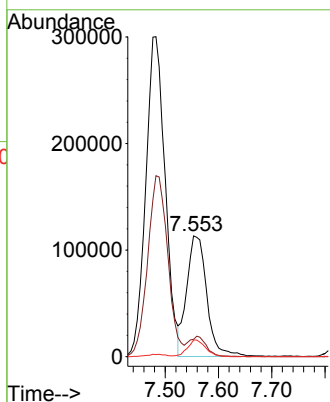
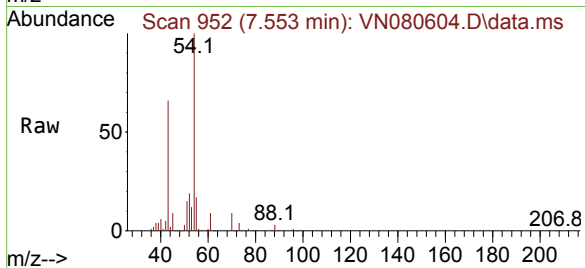




#37
Ethyl Acetate
Concen: 47.642 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

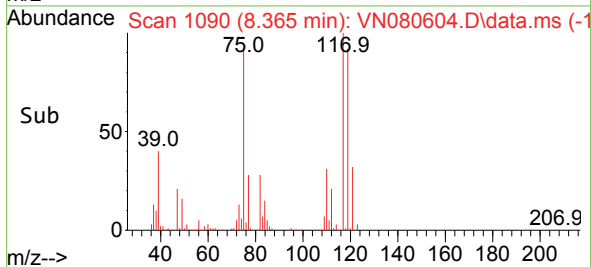
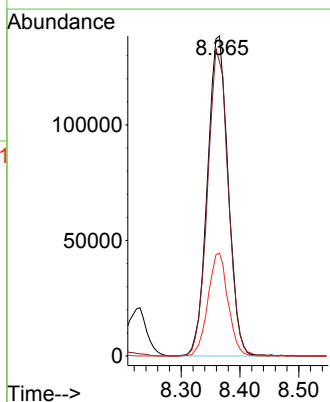
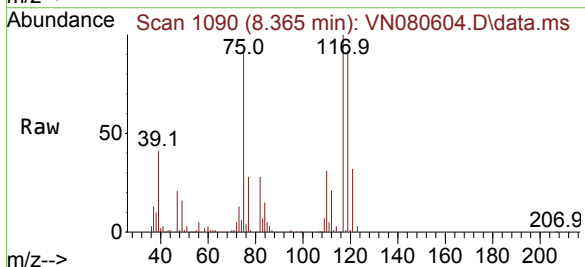
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

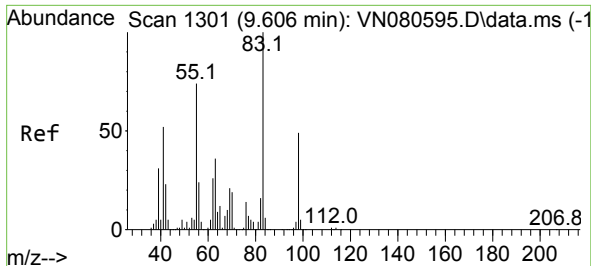
Tgt Ion: 43 Resp: 298086
Ion Ratio Lower Upper
43 100
61 14.9 13.2 19.8
70 12.5 11.3 16.9



#38
Carbon Tetrachloride
Concen: 40.032 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 117 Resp: 339587
Ion Ratio Lower Upper
117 100
119 92.0 77.3 115.9
121 32.2 23.3 34.9

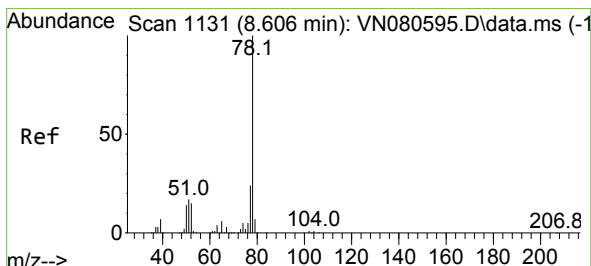
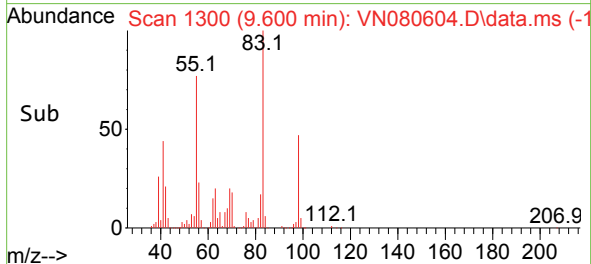
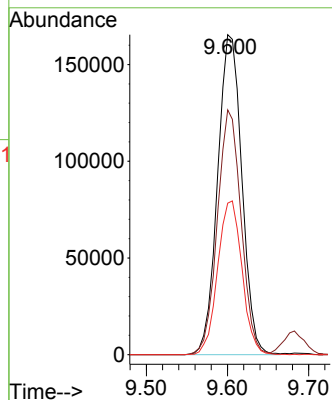
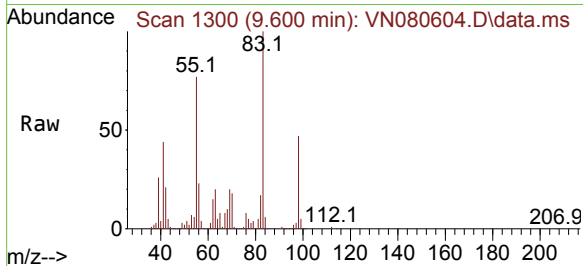




#39
Methylcyclohexane
Concen: 50.500 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

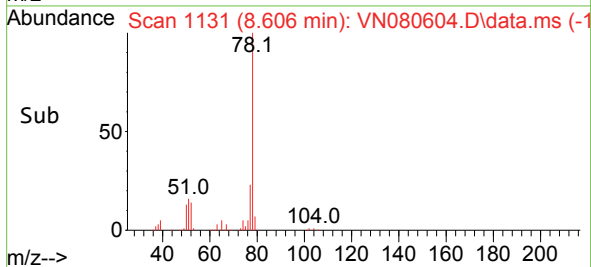
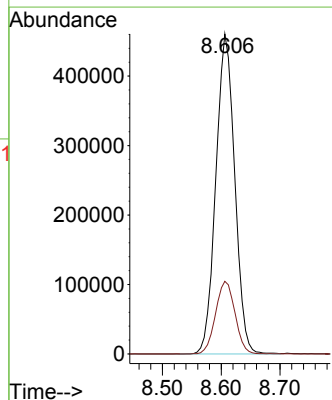
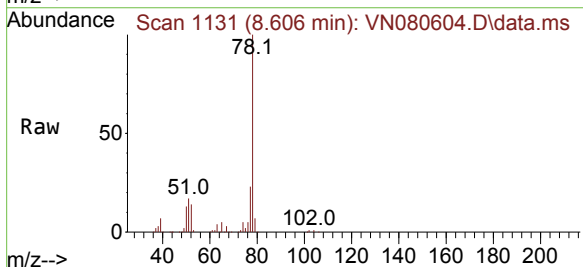
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

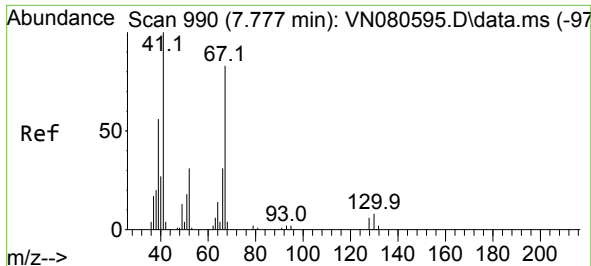
Tgt Ion: 83 Resp: 343456
Ion Ratio Lower Upper
83 100
55 76.5 49.1 73.7#
98 47.3 40.6 61.0



#40
Benzene
Concen: 42.596 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 78 Resp: 1028631
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6

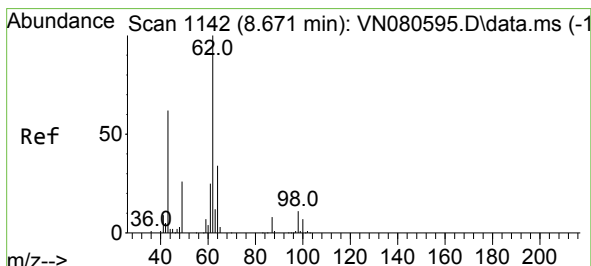
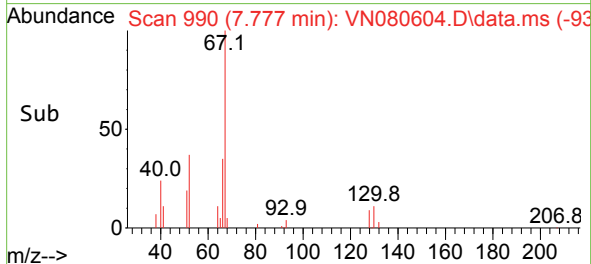
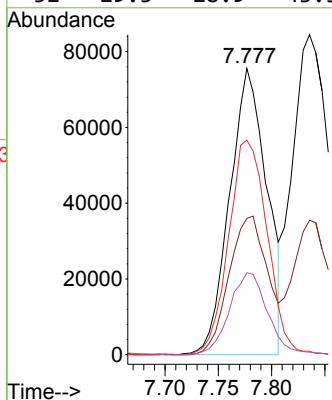
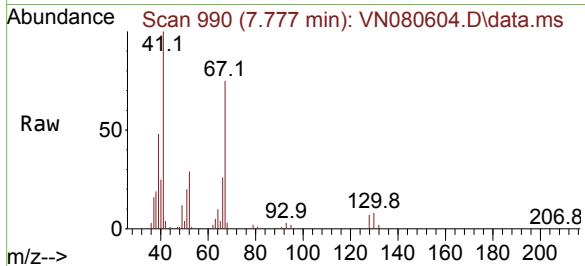




#41
Methacrylonitrile
Concen: 47.639 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

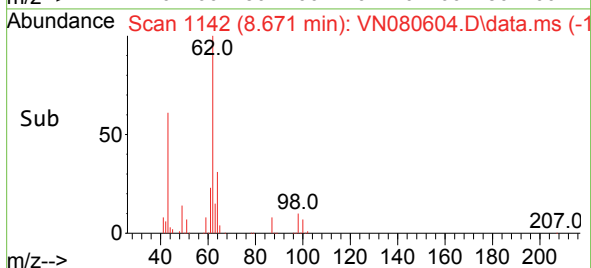
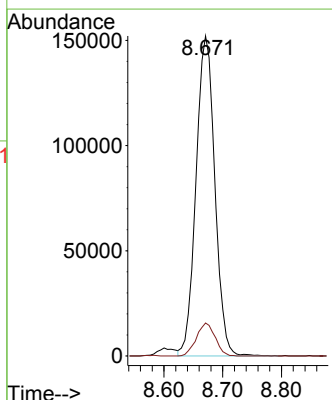
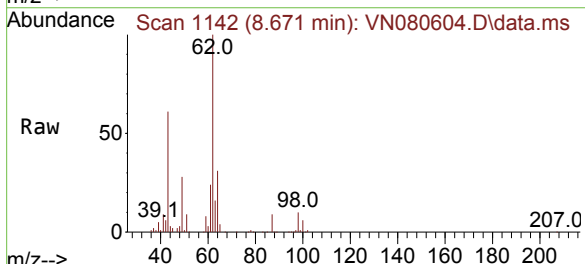
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

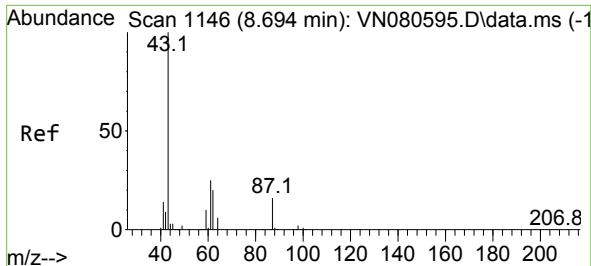
Tgt Ion:	41	Resp:	183810
Ion	Ratio	Lower	Upper
41	100		
39	50.2	42.6	64.0
67	77.9	77.5	116.3
52	29.3	28.9	43.3



#42
1,2-Dichloroethane
Concen: 43.976 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion:	62	Resp:	337865
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.8

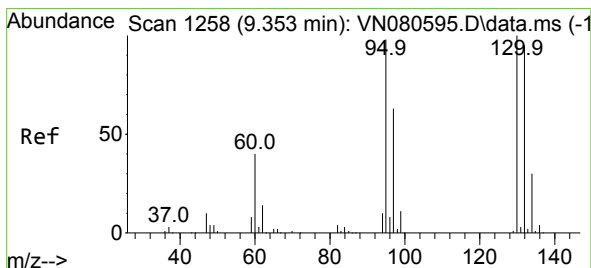
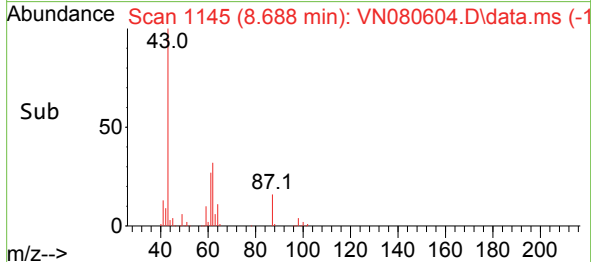
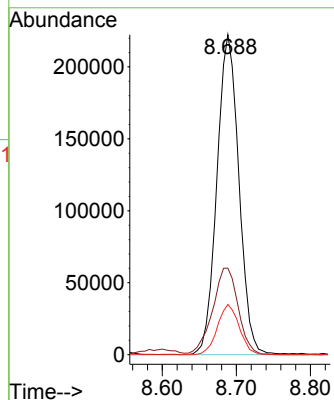
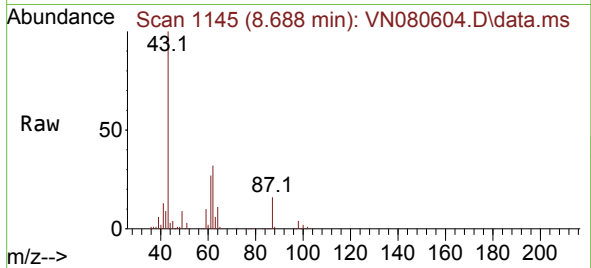




#43
Isopropyl Acetate
Concen: 45.131 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

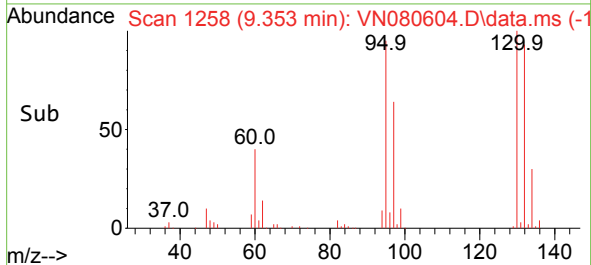
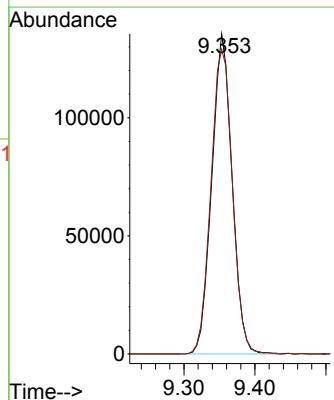
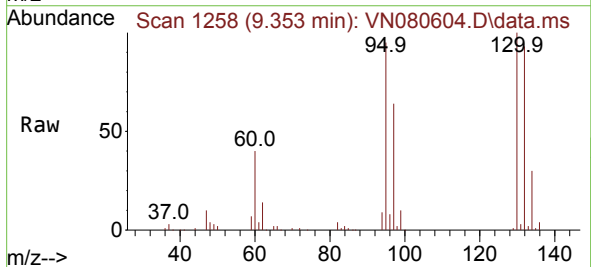
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

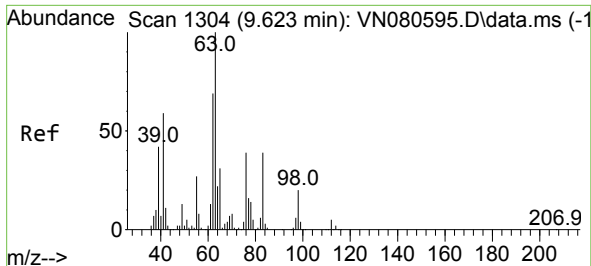
Tgt Ion: 43 Resp: 457687
Ion Ratio Lower Upper
43 100
61 31.6 24.7 37.1
87 15.6 14.6 21.8



#44
Trichloroethene
Concen: 43.356 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion:130 Resp: 268360
Ion Ratio Lower Upper
130 100
95 95.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.725 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

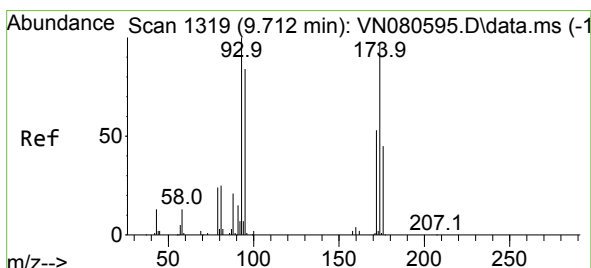
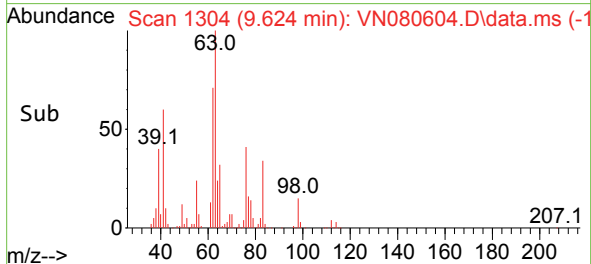
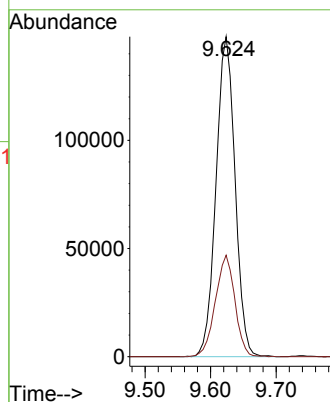
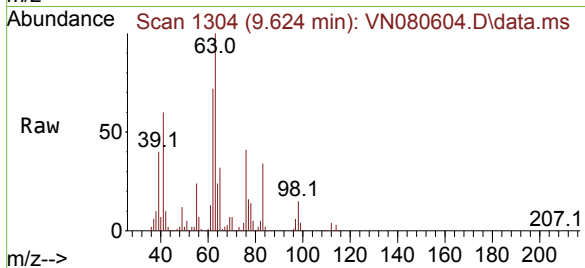
VSTDCCC050

Tgt Ion: 63 Resp: 297127

Ion Ratio Lower Upper

63 100

65 31.7 23.9 35.9



#46

Dibromomethane

Concen: 46.670 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

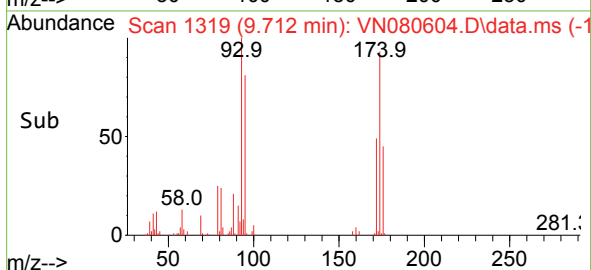
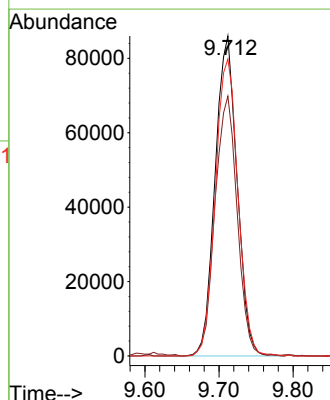
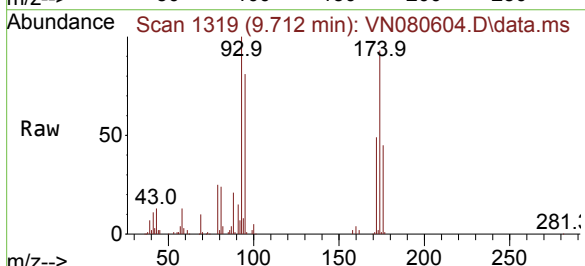
Tgt Ion: 93 Resp: 176954

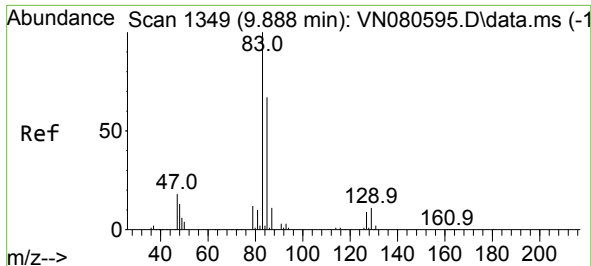
Ion Ratio Lower Upper

93 100

95 82.0 63.8 95.8

174 95.7 65.6 98.4

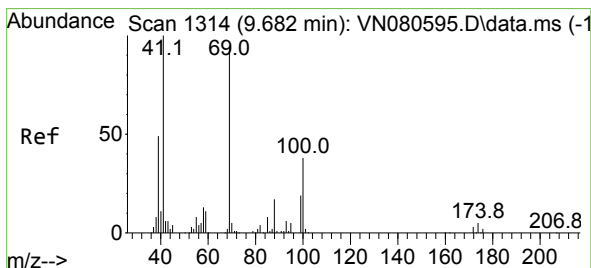
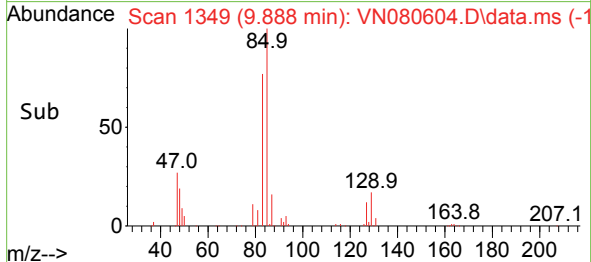
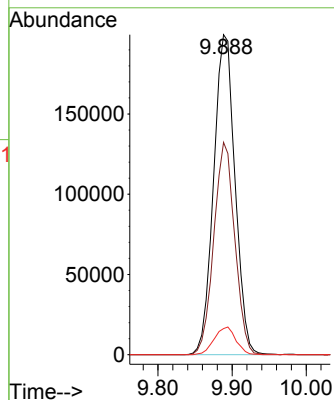
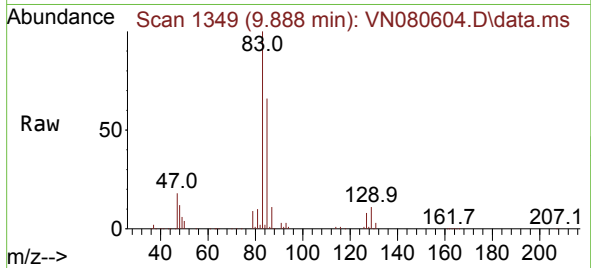




#47
Bromodichloromethane
Concen: 50.349 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

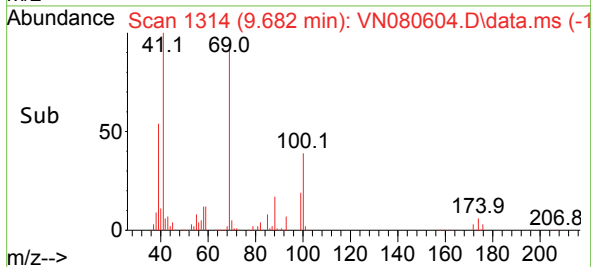
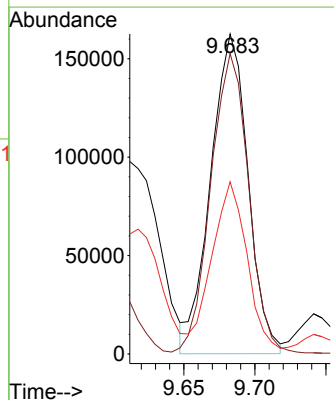
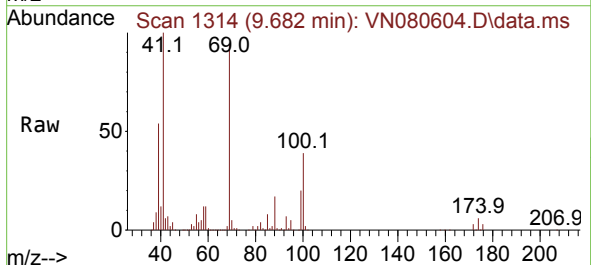
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

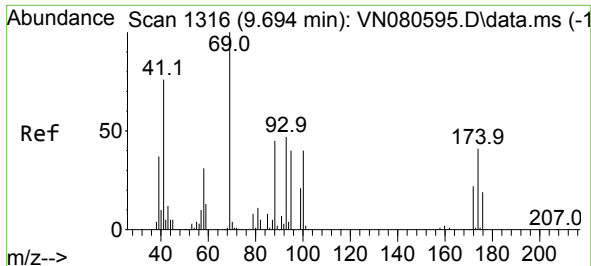
Tgt Ion: 83 Resp: 400153
Ion Ratio Lower Upper
83 100
85 66.4 49.6 74.4
127 8.2 7.0 10.6



#48
Methyl methacrylate
Concen: 52.937 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 41 Resp: 298084
Ion Ratio Lower Upper
41 100
69 95.1 90.4 135.6
39 51.1 54.6 81.8





#49

1,4-Dioxane

Concen: 962.929 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

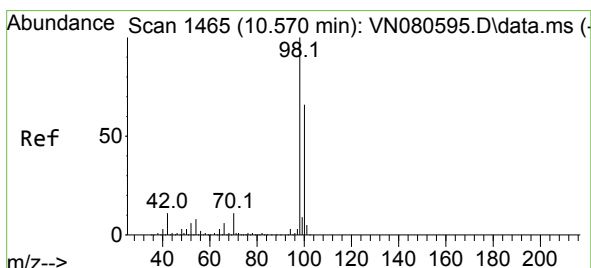
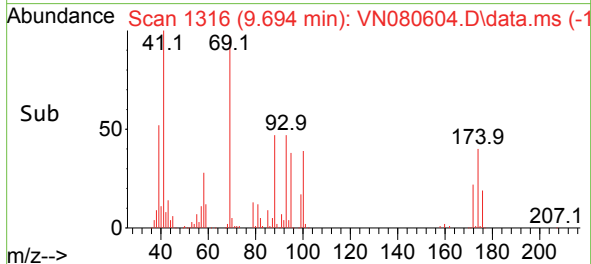
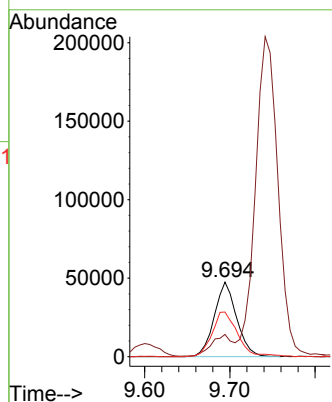
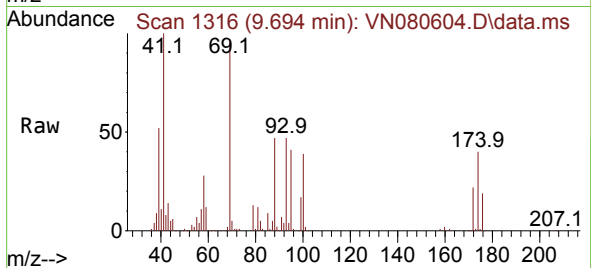
Tgt Ion: 88 Resp: 86666

Ion Ratio Lower Upper

88 100

43 27.5 17.0 25.6#

58 68.7 47.0 70.4



#50

Toluene-d8

Concen: 44.707 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080604.D

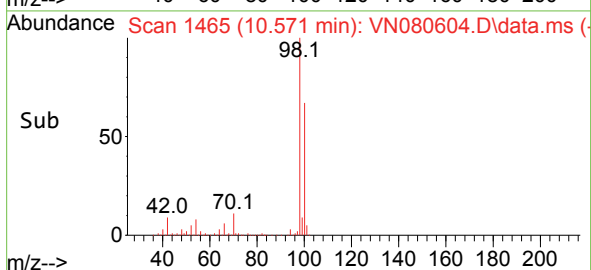
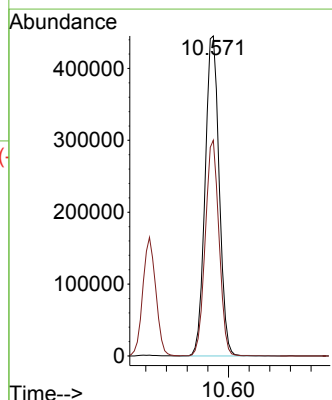
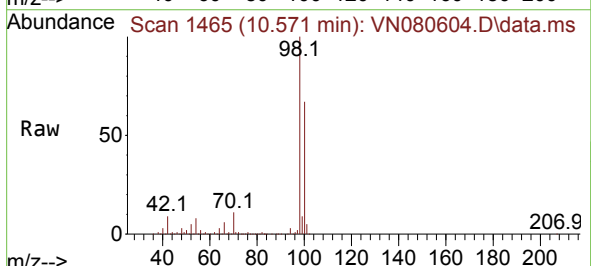
Acq: 29 Dec 2023 09:47

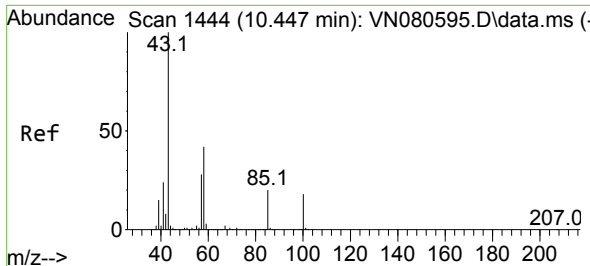
Tgt Ion: 98 Resp: 841006

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0

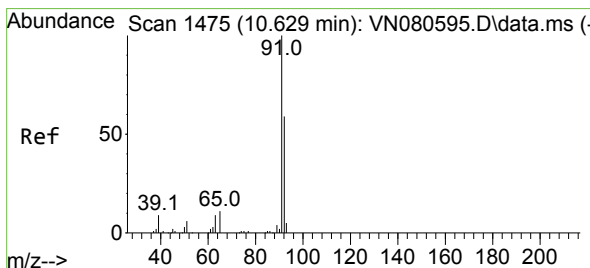
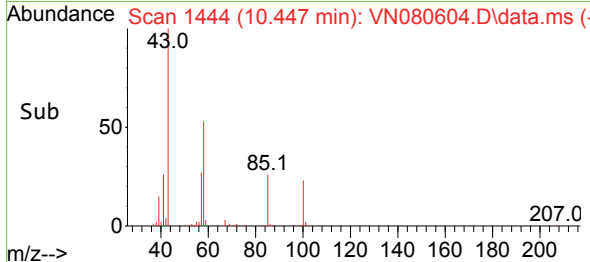
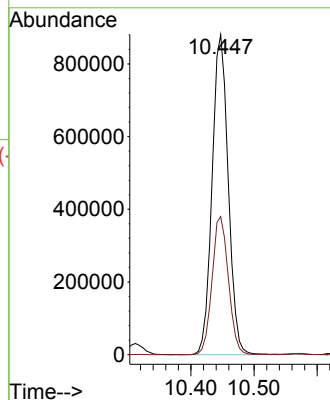
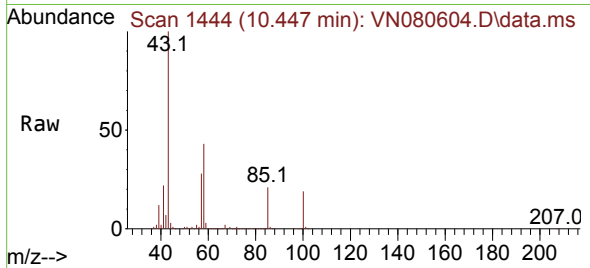




#51
4-Methyl-2-Pentanone
Concen: 270.385 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

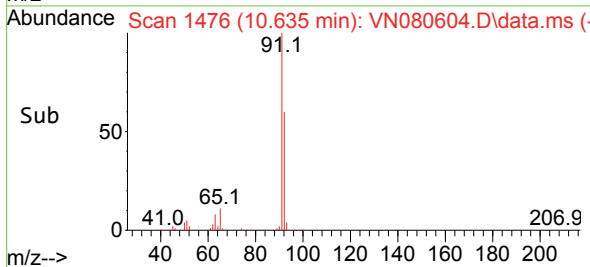
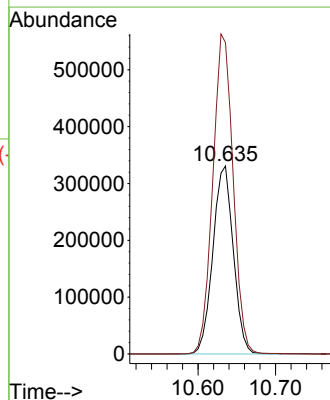
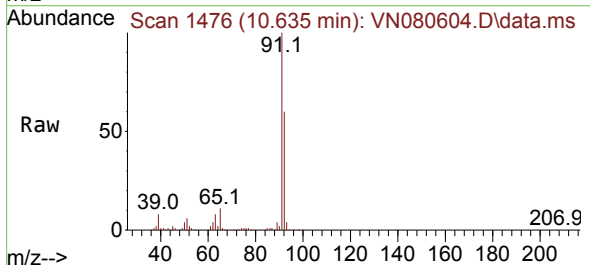
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

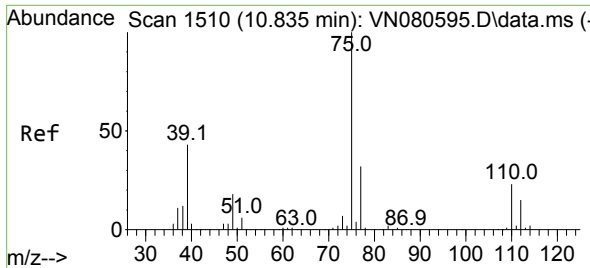
Tgt Ion: 43 Resp: 1559594
Ion Ratio Lower Upper
43 100
58 43.8 36.6 54.8



#52
Toluene
Concen: 45.966 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 92 Resp: 606025
Ion Ratio Lower Upper
92 100
91 169.7 137.4 206.0

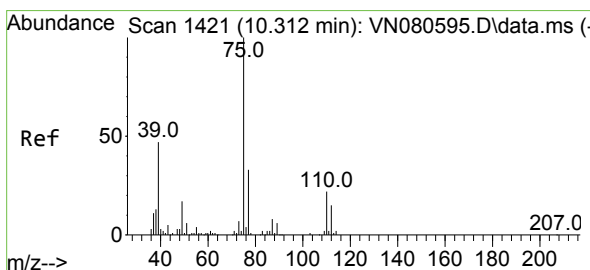
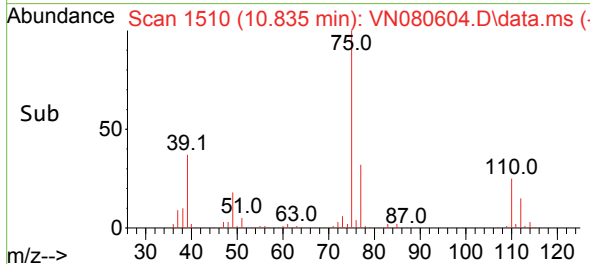
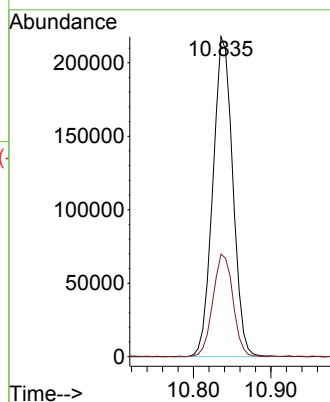
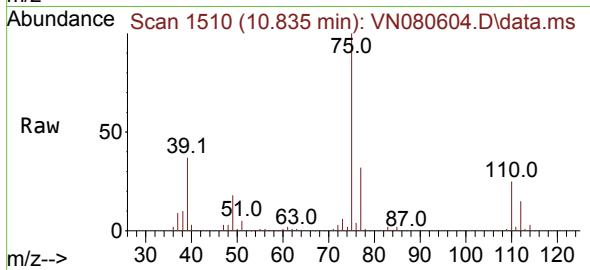




#53
 t-1,3-Dichloropropene
 Concen: 48.496 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080604.D
 Acq: 29 Dec 2023 09:47

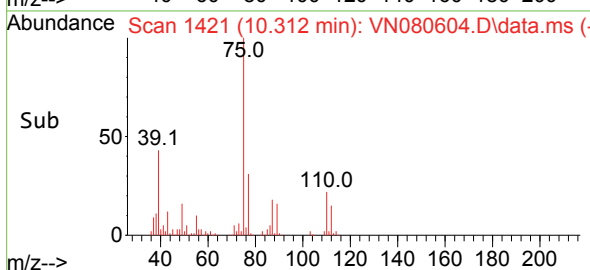
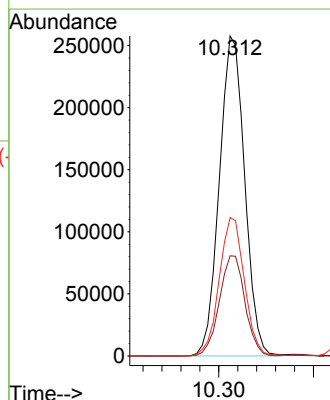
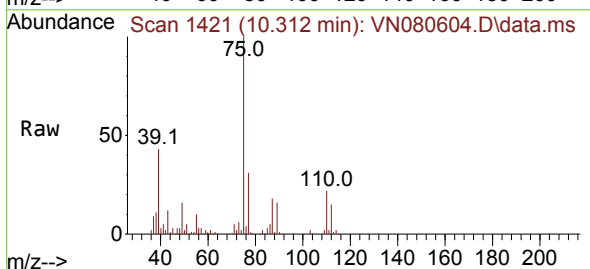
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

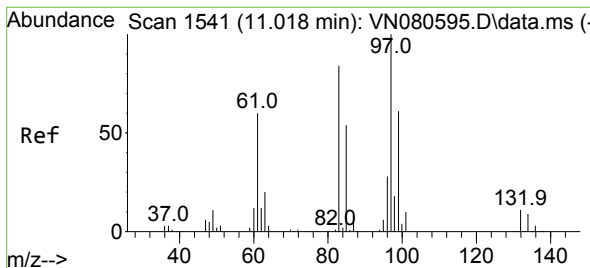
Tgt Ion: 75 Resp: 388569
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.393 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080604.D
 Acq: 29 Dec 2023 09:47

Tgt Ion: 75 Resp: 478792
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.1 39.1
 39 43.2 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 52.781 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 276027

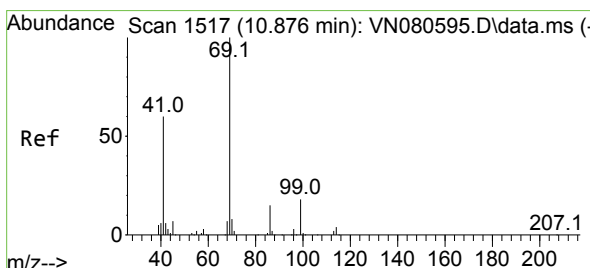
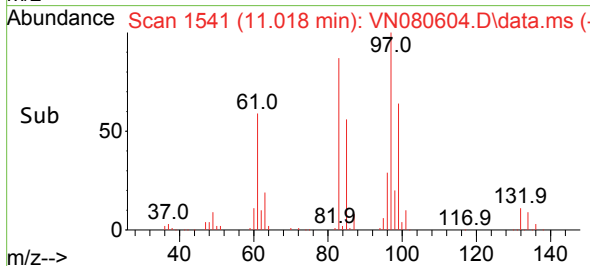
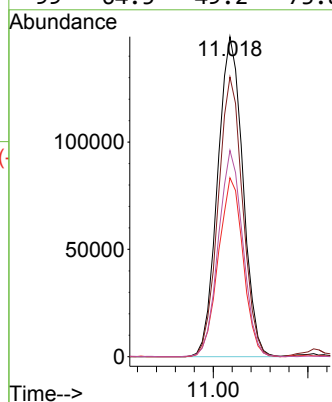
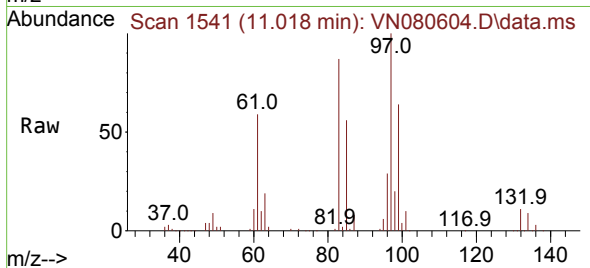
Ion Ratio Lower Upper

97 100

83 87.4 65.1 97.7

85 55.9 43.4 65.2

99 64.5 49.2 73.8



#56

Ethyl methacrylate

Concen: 54.356 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

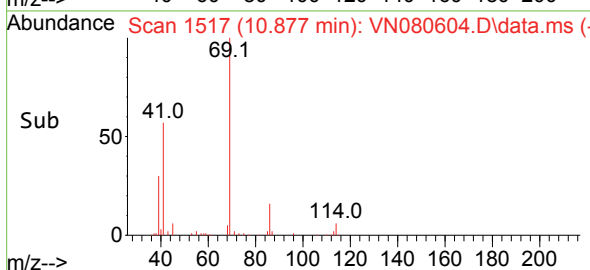
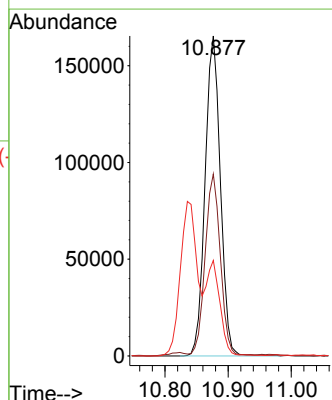
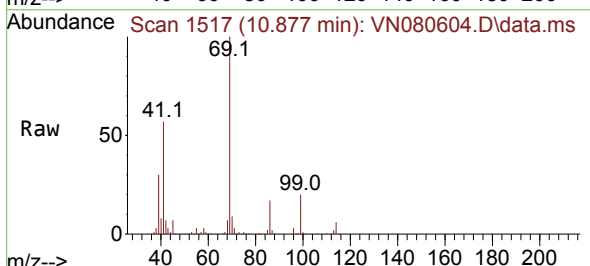
Tgt Ion: 69 Resp: 278441

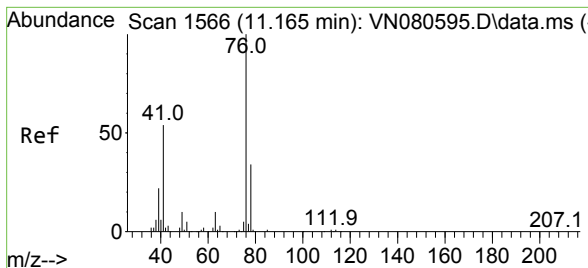
Ion Ratio Lower Upper

69 100

41 55.8 39.6 59.4

39 26.7 28.6 43.0#

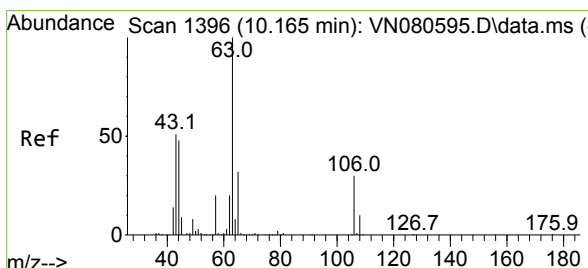
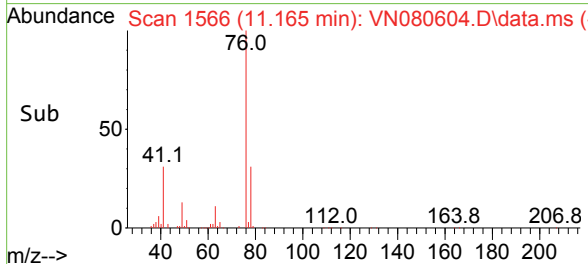
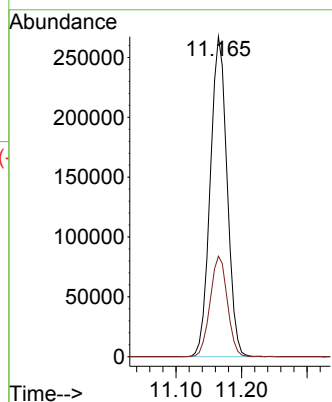
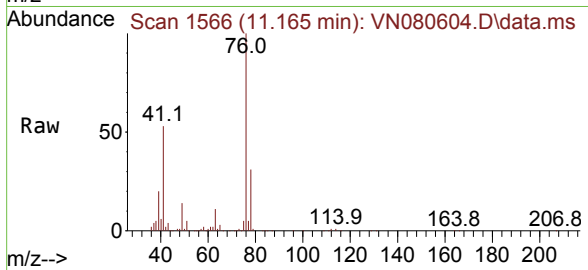




#57
 1,3-Dichloropropane
 Concen: 53.754 ug/l
 RT: 11.165 min Scan# 1566
 Delta R.T. 0.000 min
 Lab File: VN080604.D
 Acq: 29 Dec 2023 09:47

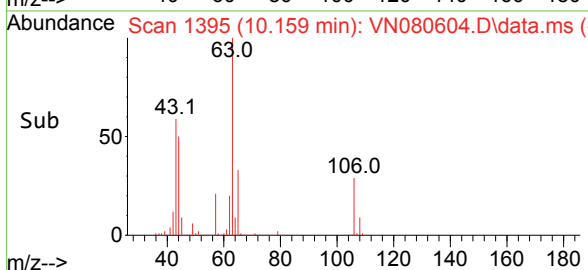
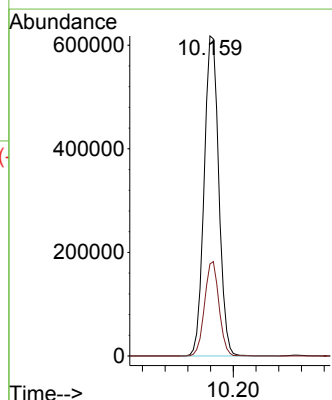
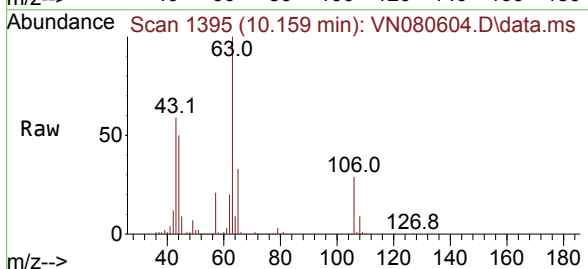
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

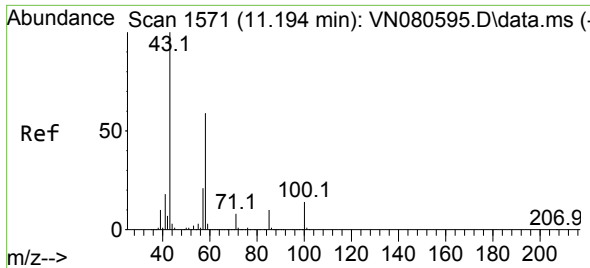
Tgt Ion: 76 Resp: 476307
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 304.758 ug/l
 RT: 10.159 min Scan# 1395
 Delta R.T. -0.006 min
 Lab File: VN080604.D
 Acq: 29 Dec 2023 09:47

Tgt Ion: 63 Resp: 1102449
 Ion Ratio Lower Upper
 63 100
 106 29.0 26.2 39.4

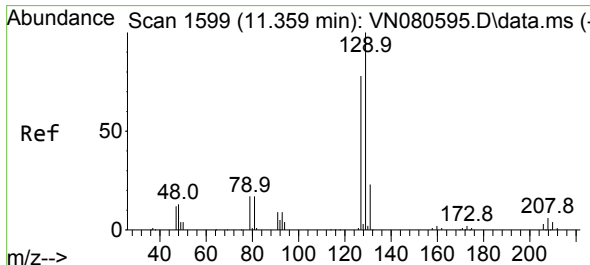
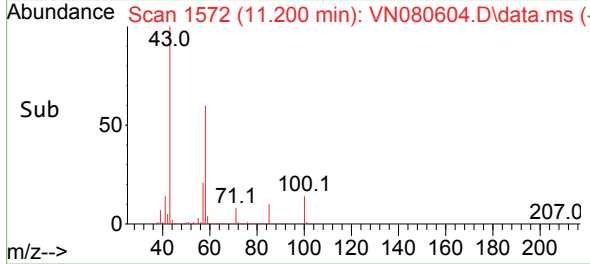
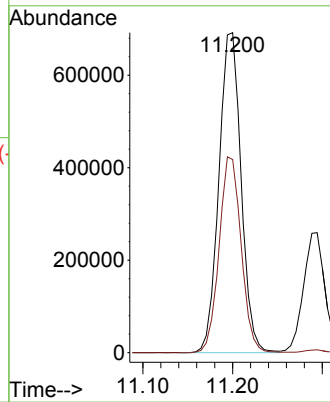
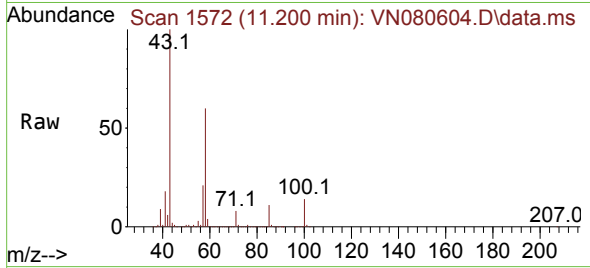




#59
2-Hexanone
Concen: 273.613 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

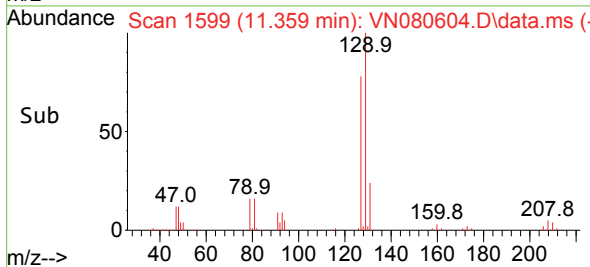
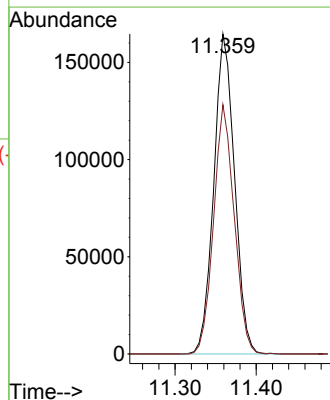
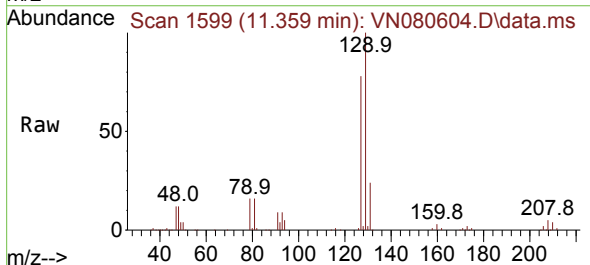
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

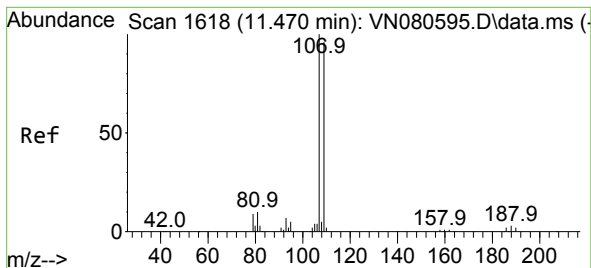
Tgt Ion: 43 Resp: 1189495
Ion Ratio Lower Upper
43 100
58 60.7 31.7 95.1



#60
Dibromochloromethane
Concen: 50.234 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 129 Resp: 292536
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 46.137 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

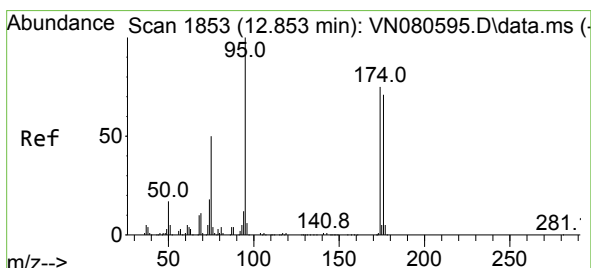
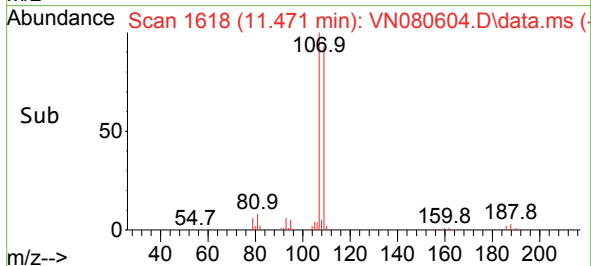
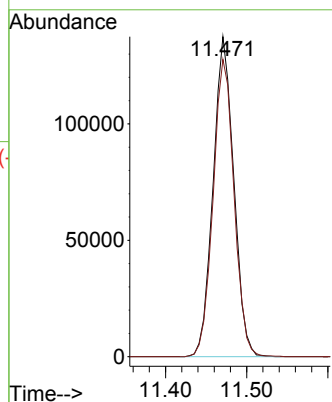
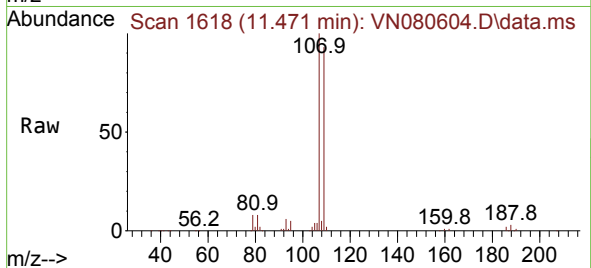
VSTDCCC050

Tgt Ion:107 Resp: 243277

Ion Ratio Lower Upper

107 100

109 94.2 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 47.849 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

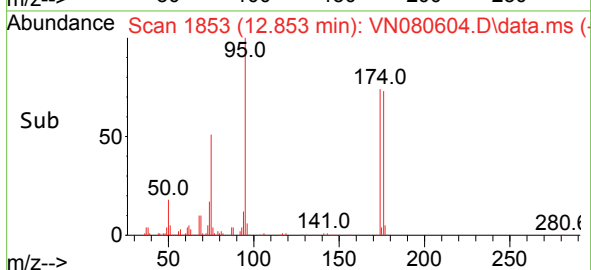
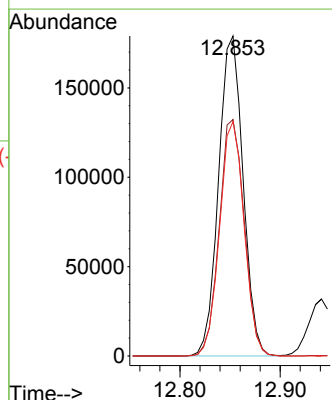
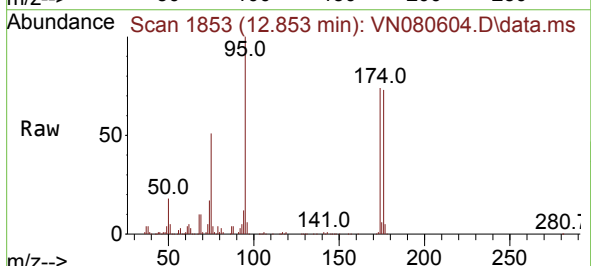
Tgt Ion: 95 Resp: 302933

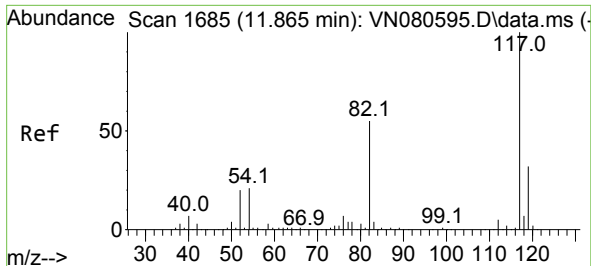
Ion Ratio Lower Upper

95 100

174 75.4 0.0 143.8

176 73.2 0.0 135.8

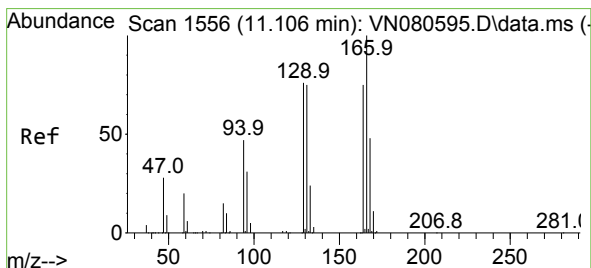
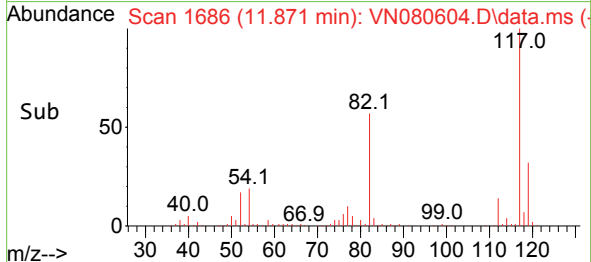
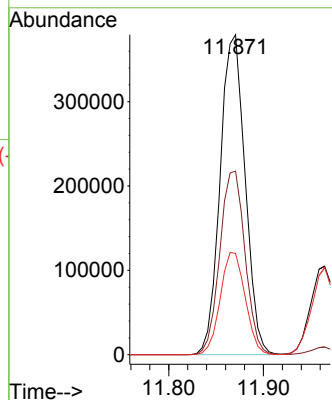
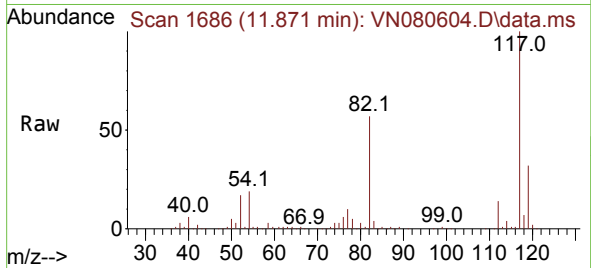




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

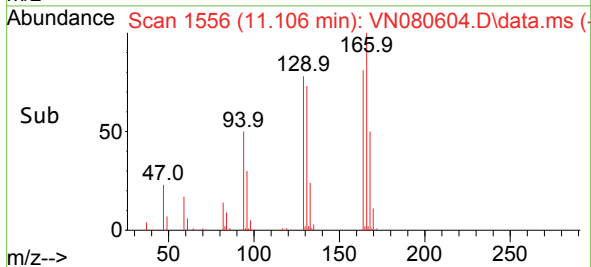
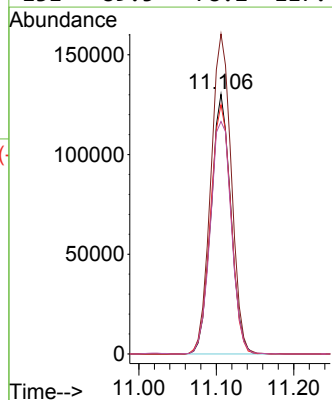
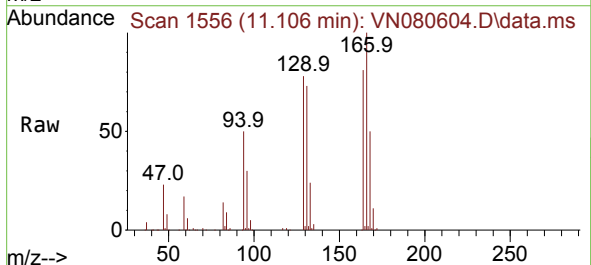
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

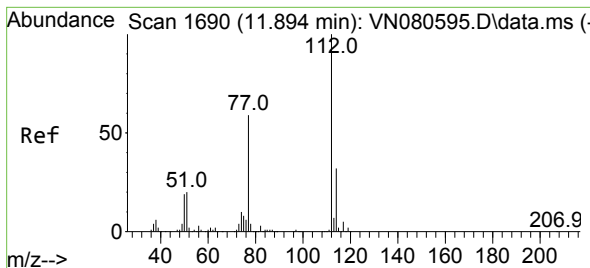
Tgt Ion:117 Resp: 696045
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 49.563 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion:164 Resp: 230518
Ion Ratio Lower Upper
164 100
166 123.2 101.4 152.0
129 96.0 82.4 123.6
131 89.5 78.2 117.4

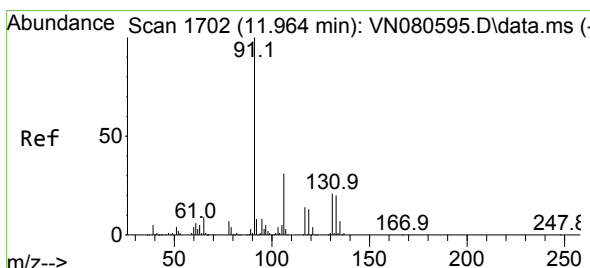
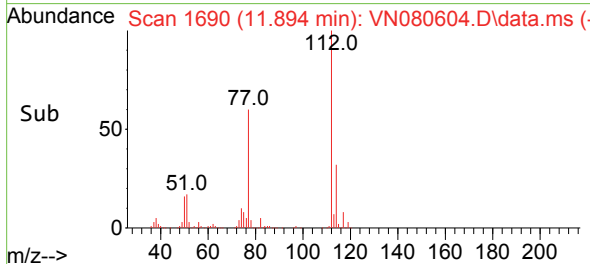
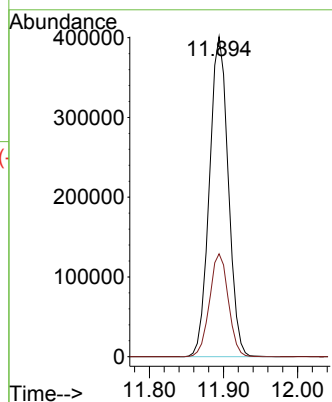
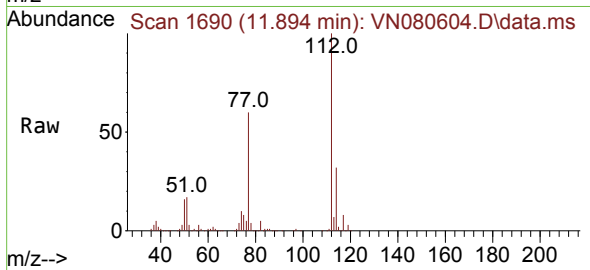




#65
Chlorobenzene
Concen: 48.877 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

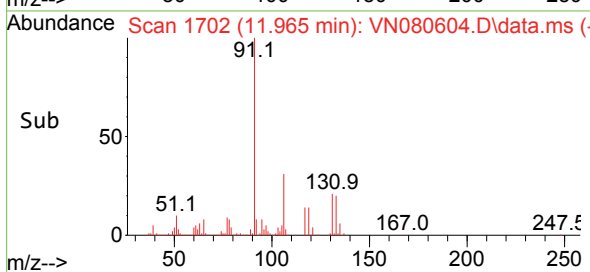
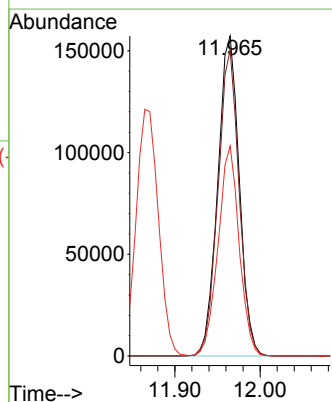
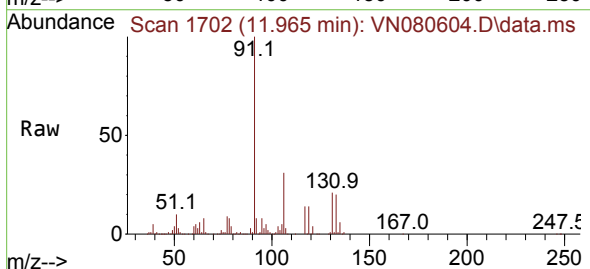
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

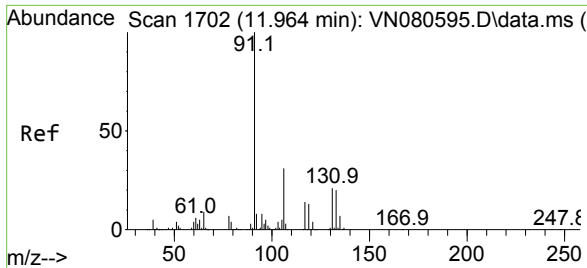
Tgt Ion:112 Resp: 707735
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.419 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion:131 Resp: 275257
Ion Ratio Lower Upper
131 100
133 93.8 46.4 139.1
119 64.5 34.1 102.2





#67

Ethyl Benzene

Concen: 51.482 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

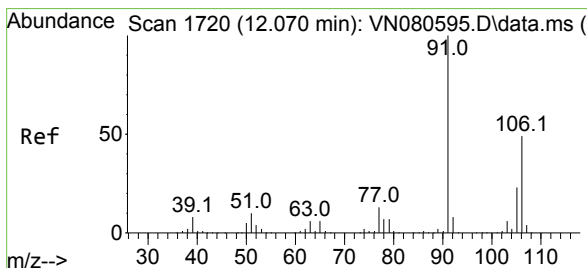
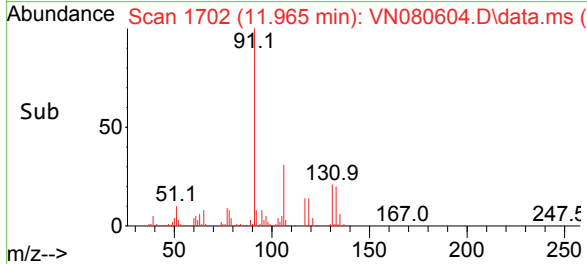
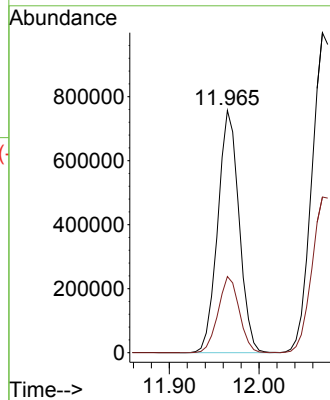
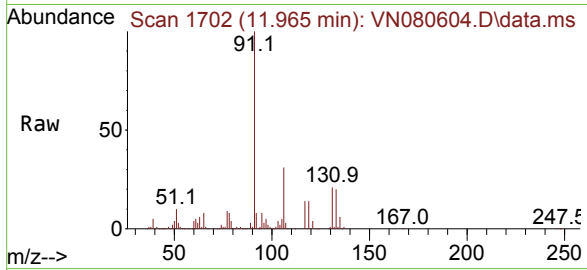
VSTDCCC050

Tgt Ion: 91 Resp: 1246251

Ion Ratio Lower Upper

91 100

106 31.4 25.6 38.4



#68

m/p-Xylenes

Concen: 106.200 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN080604.D

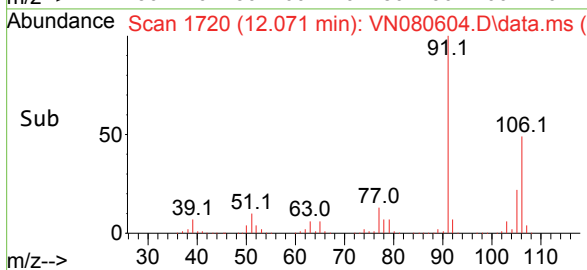
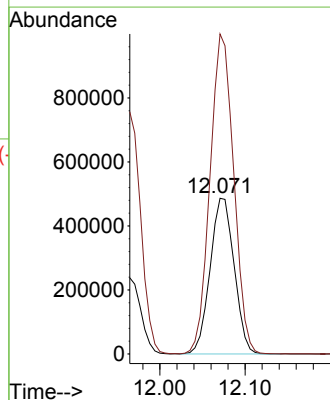
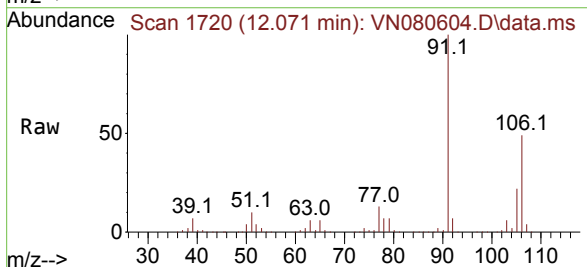
Acq: 29 Dec 2023 09:47

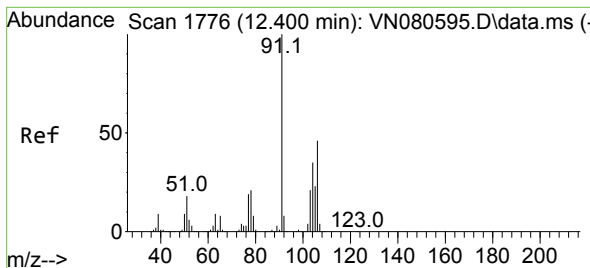
Tgt Ion:106 Resp: 953905

Ion Ratio Lower Upper

106 100

91 202.4 159.6 239.4





#69

o-Xylene

Concen: 47.367 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

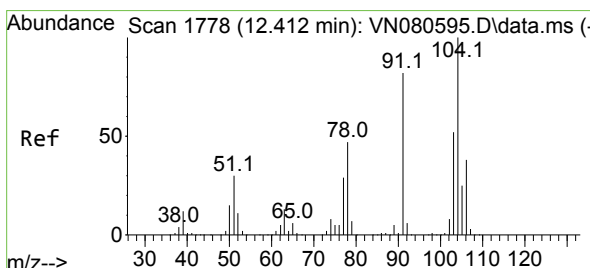
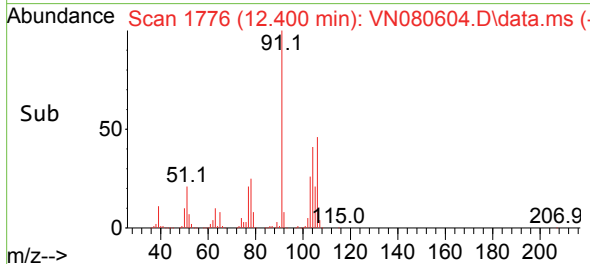
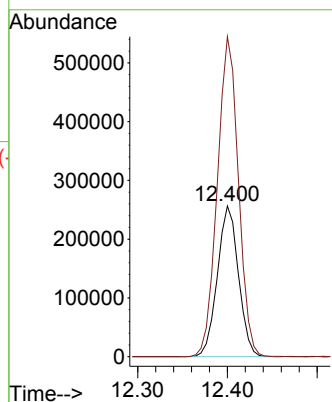
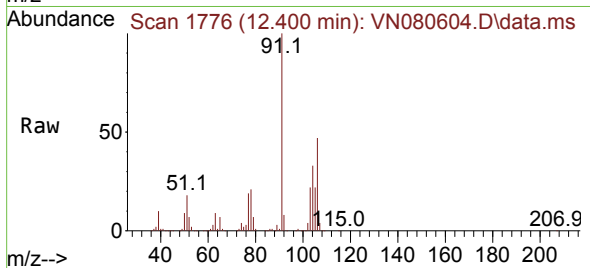
VSTDCCC050

Tgt Ion:106 Resp: 417857

Ion Ratio Lower Upper

106 100

91 212.7 105.2 315.5



#70

Styrene

Concen: 48.876 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

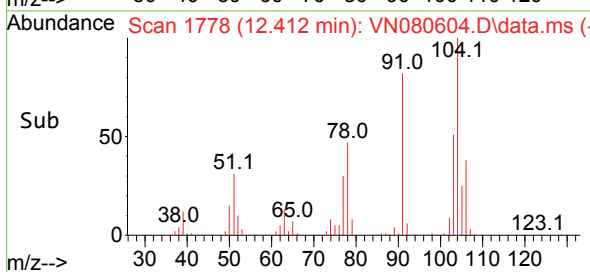
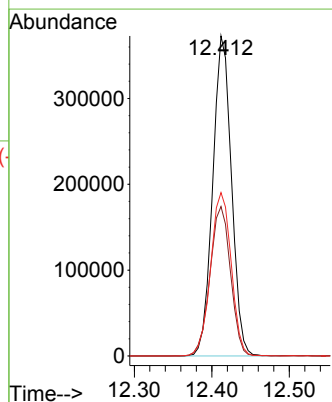
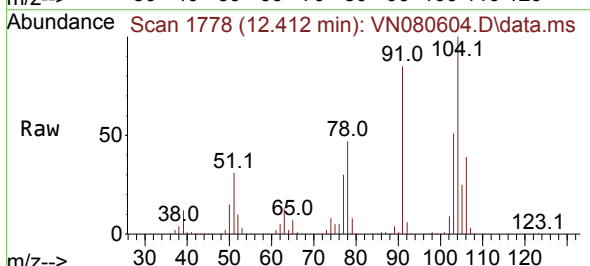
Tgt Ion:104 Resp: 627008

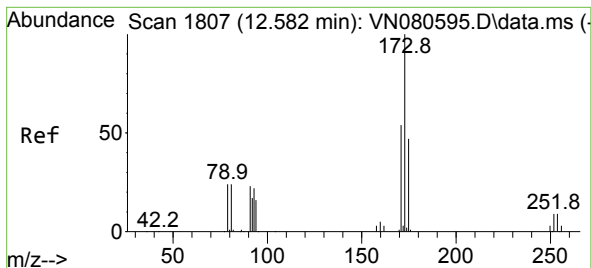
Ion Ratio Lower Upper

104 100

78 51.1 39.5 59.3

103 55.9 43.2 64.8





#71

Bromoform

Concen: 46.245 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

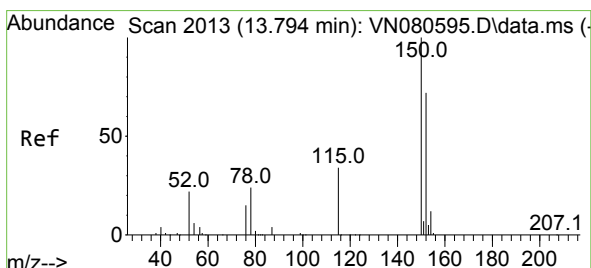
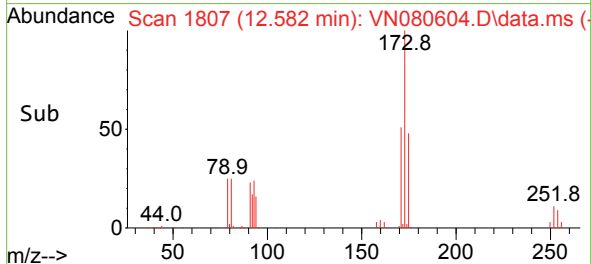
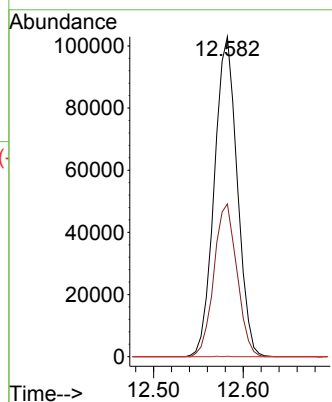
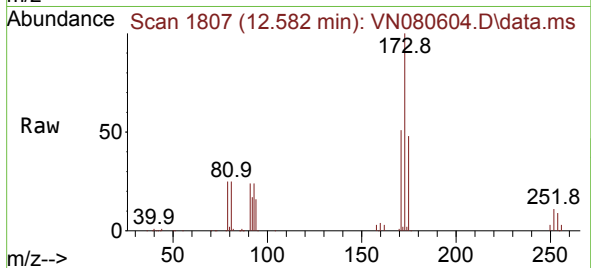
Tgt Ion:173 Resp: 182209

Ion Ratio Lower Upper

173 100

175 48.1 24.3 73.0

254 0.1 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: VN080604.D

Acq: 29 Dec 2023 09:47

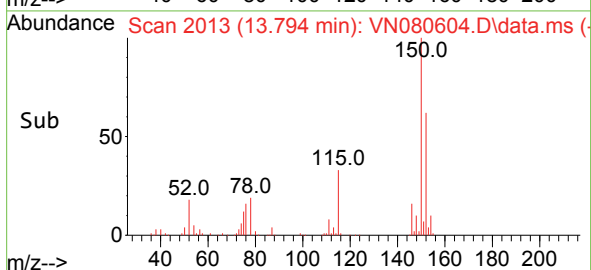
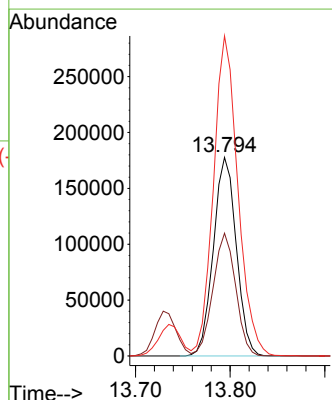
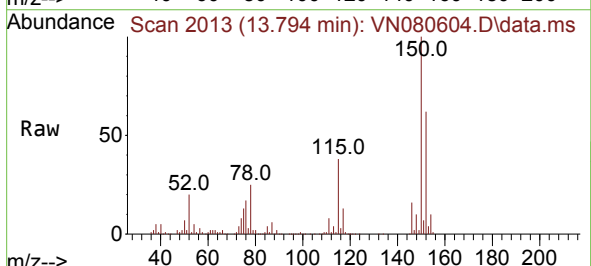
Tgt Ion:152 Resp: 298635

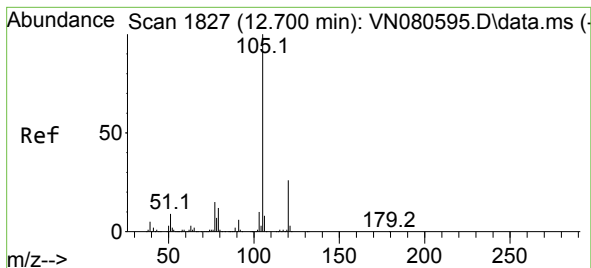
Ion Ratio Lower Upper

152 100

115 61.0 32.3 96.8

150 172.1 0.0 355.8





#73

Isopropylbenzene

Concen: 51.408 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

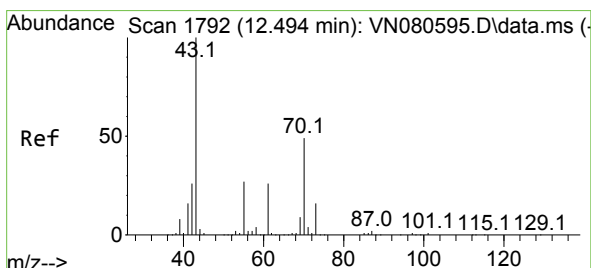
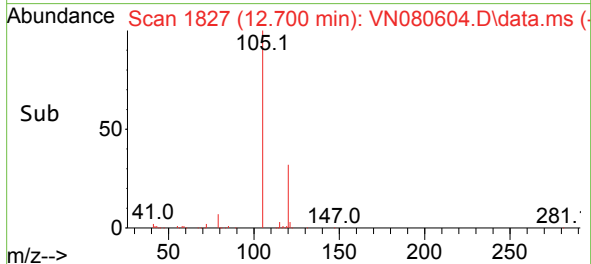
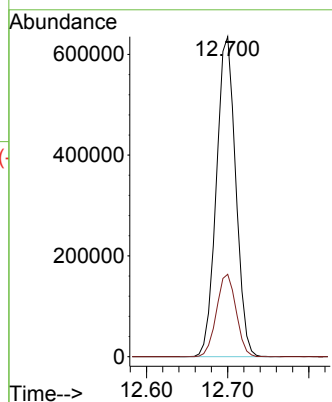
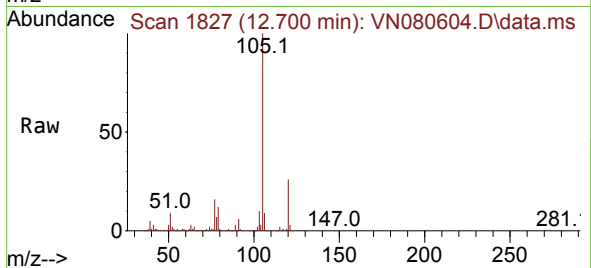
VSTDCCC050

Tgt Ion:105 Resp: 1050751

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 53.128 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

Tgt Ion: 43 Resp: 383102

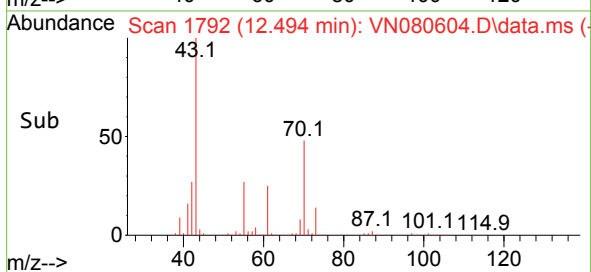
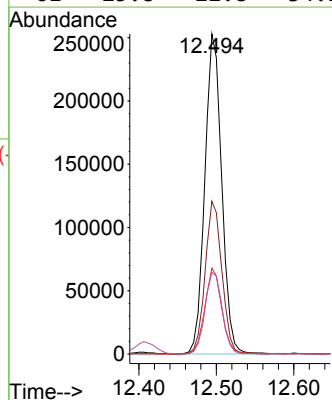
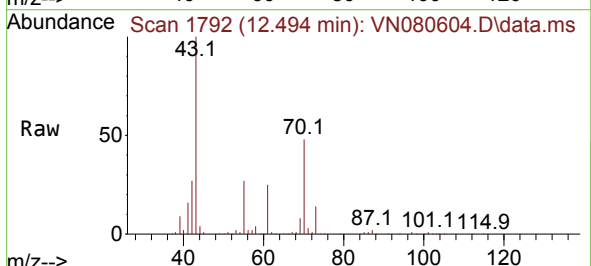
Ion Ratio Lower Upper

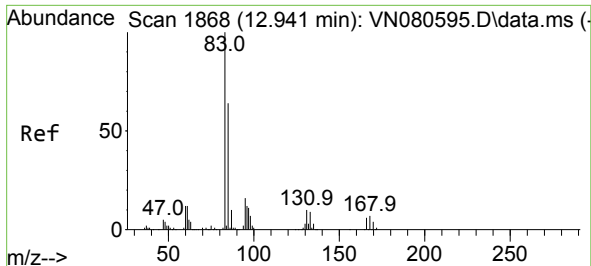
43 100

70 47.2 43.4 65.2

55 27.1 21.4 32.0

61 25.8 22.8 34.2

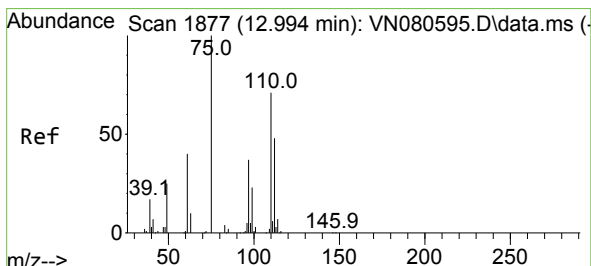
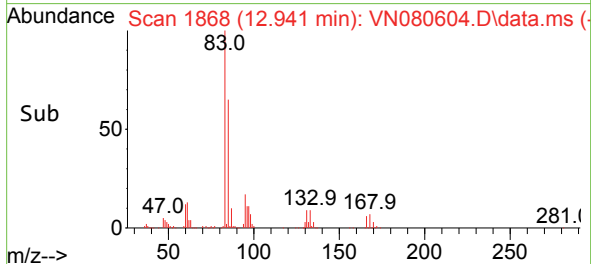
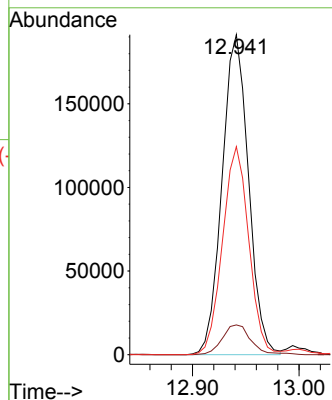
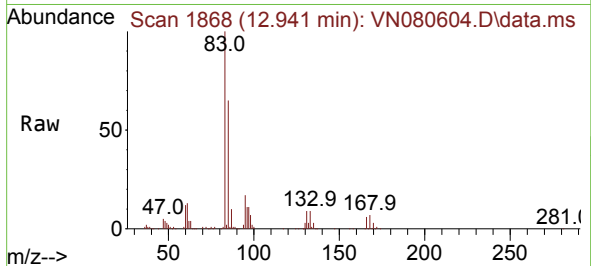




#75
1,1,2,2-Tetrachloroethane
Concen: 46.744 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

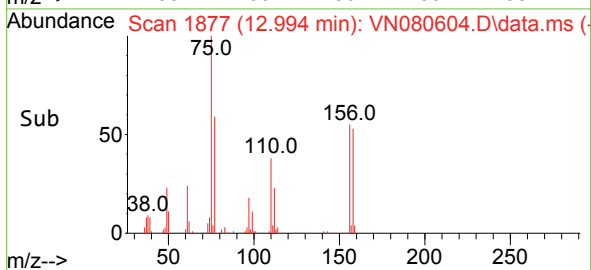
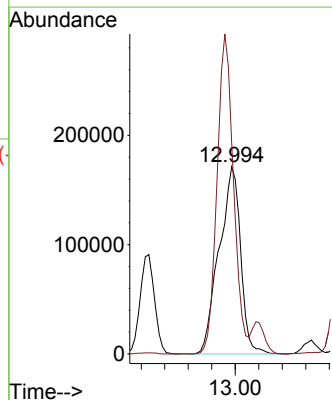
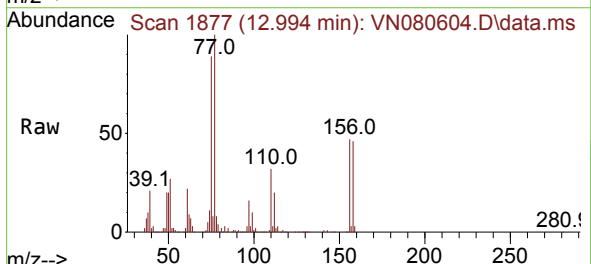
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

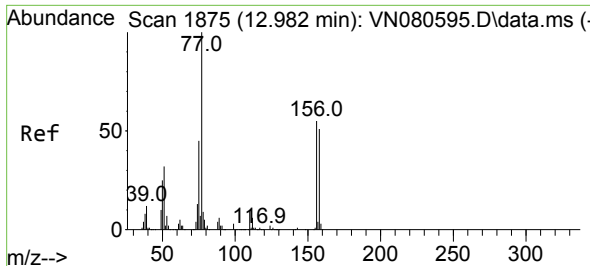
Tgt Ion: 83 Resp: 329716
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 64.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 67.689 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 75 Resp: 434778
Ion Ratio Lower Upper
75 100
77 131.5 84.5 253.5

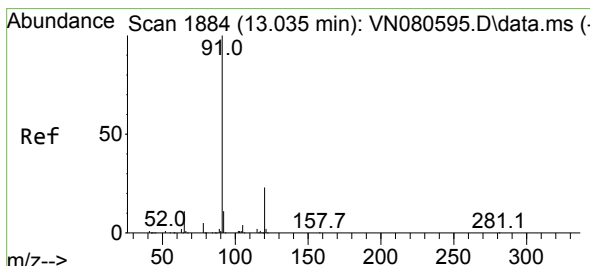
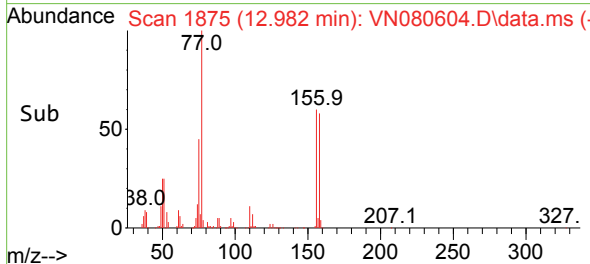
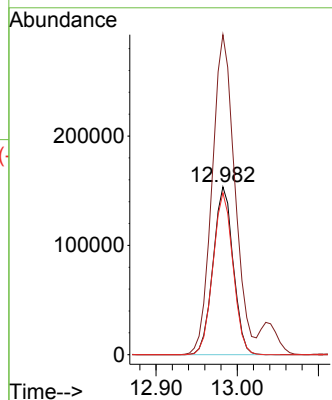
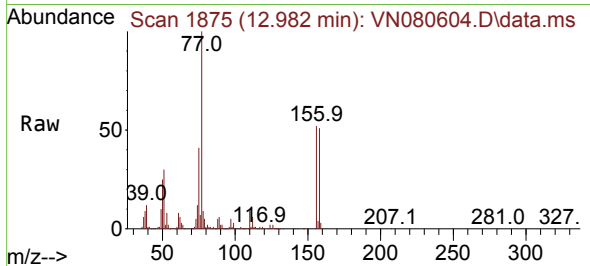




#77
Bromobenzene
Concen: 48.659 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

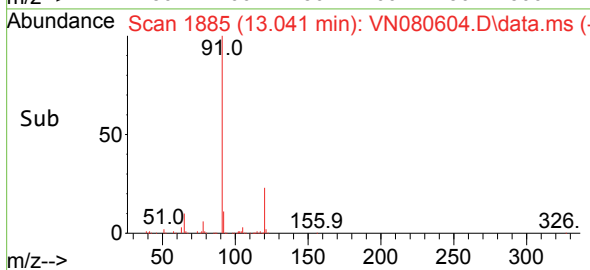
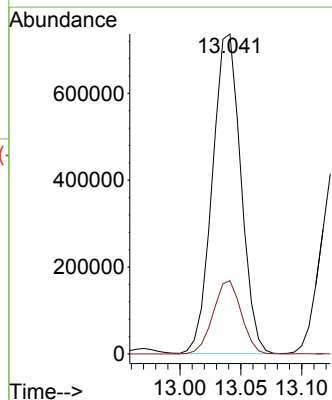
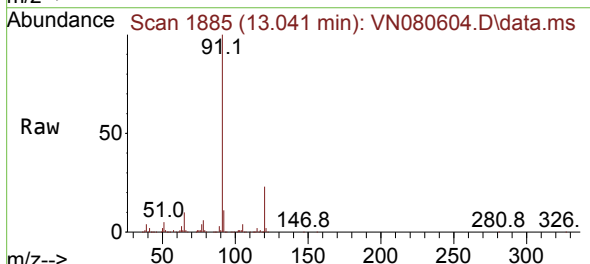
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

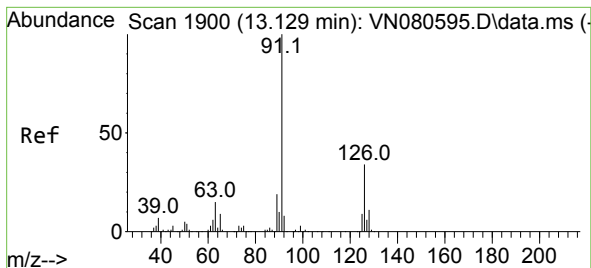
Tgt Ion:156 Resp: 264156
Ion Ratio Lower Upper
156 100
77 216.4 107.7 323.3
158 96.0 48.4 145.3



#78
n-propylbenzene
Concen: 51.259 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 91 Resp: 1198142
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.350 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

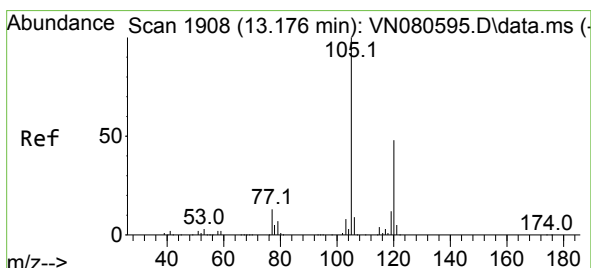
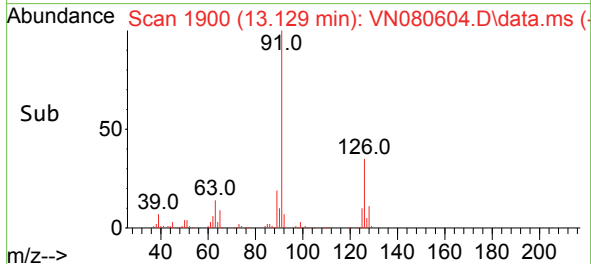
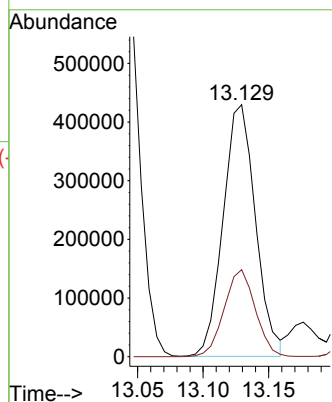
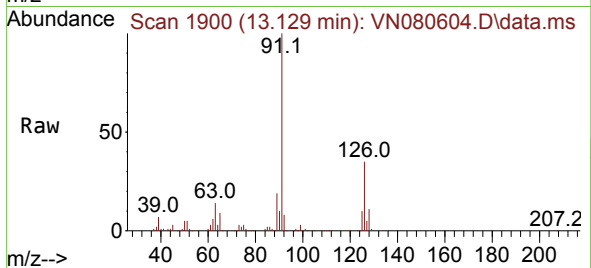
VSTDCCC050

Tgt Ion: 91 Resp: 737787

Ion Ratio Lower Upper

91 100

126 33.2 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 50.170 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080604.D

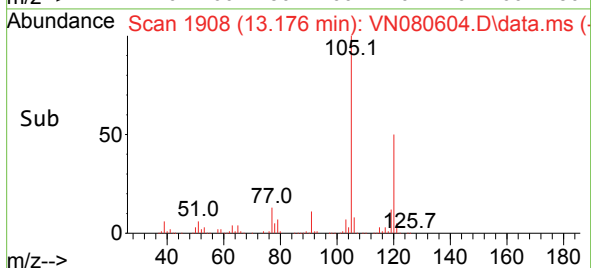
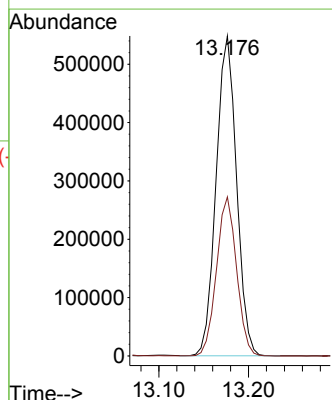
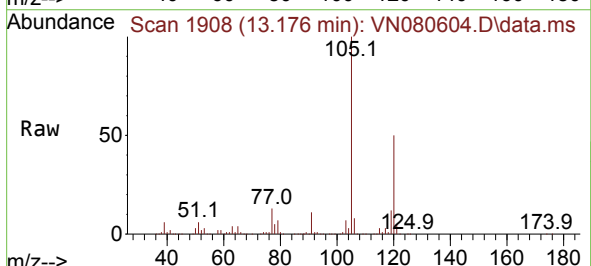
Acq: 29 Dec 2023 09:47

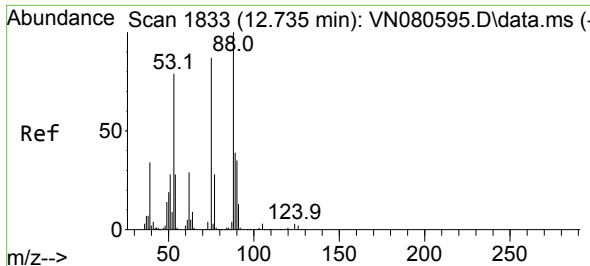
Tgt Ion: 105 Resp: 865885

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.3

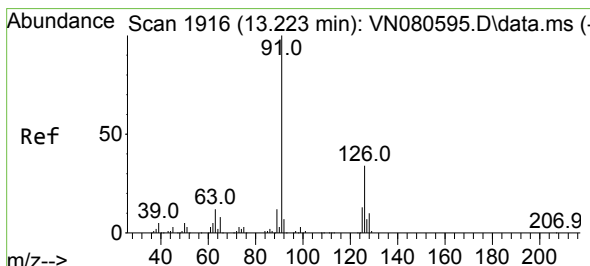
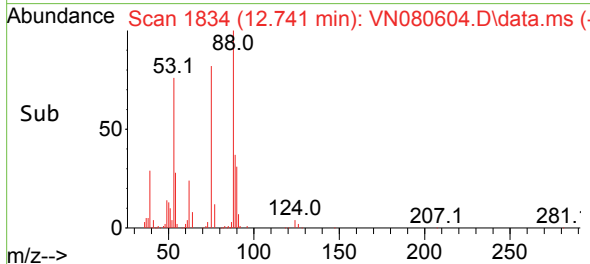
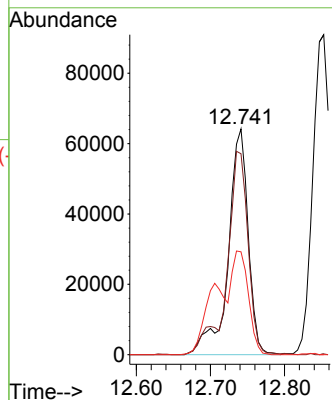
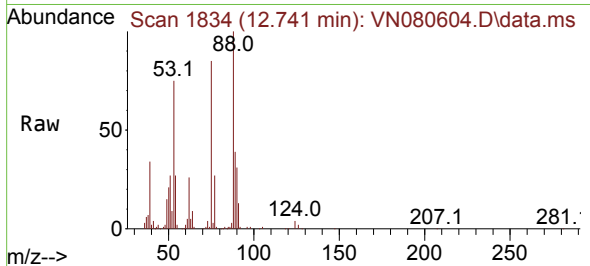




#81
trans-1,4-Dichloro-2-butene
Concen: 50.646 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

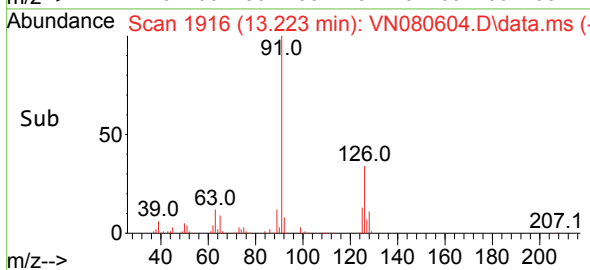
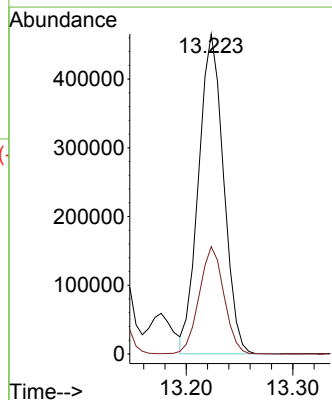
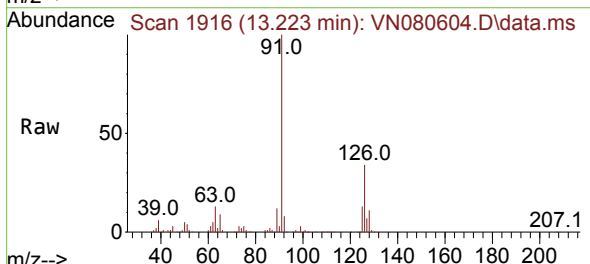
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

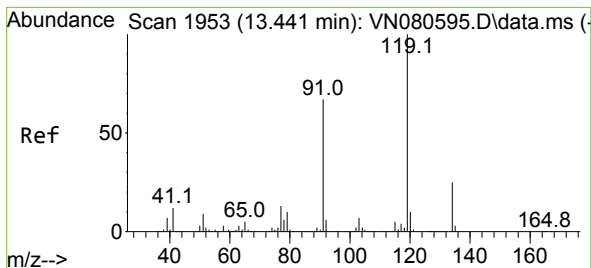
Tgt Ion: 75 Resp: 120095
Ion Ratio Lower Upper
75 100
53 94.9 67.4 101.2
89 38.2 38.8 58.2#



#82
4-Chlorotoluene
Concen: 48.602 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080604.D
Acq: 29 Dec 2023 09:47

Tgt Ion: 91 Resp: 758448
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0





#83

tert-Butylbenzene

Concen: 48.288 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

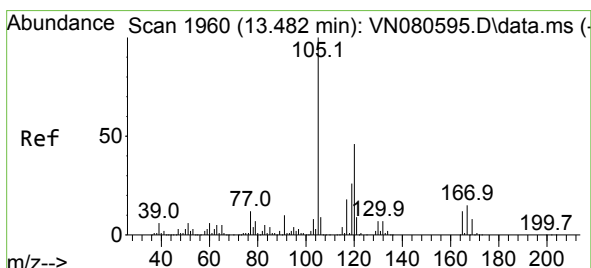
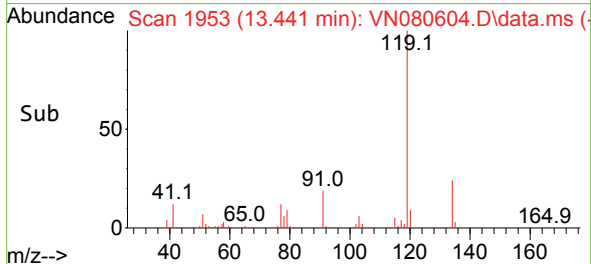
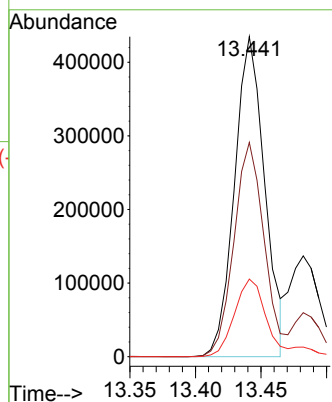
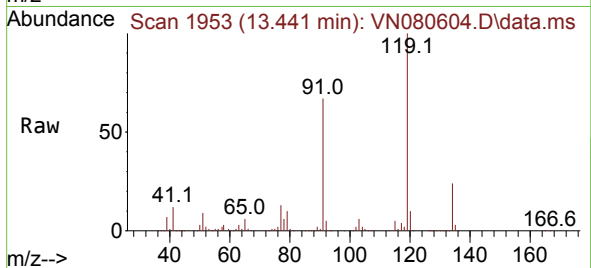
Tgt Ion:119 Resp: 696545

Ion Ratio Lower Upper

119 100

91 67.7 33.9 101.7

134 25.1 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 50.242 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080604.D

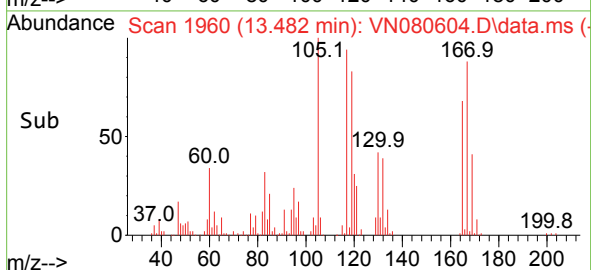
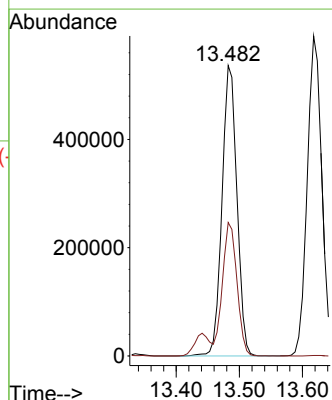
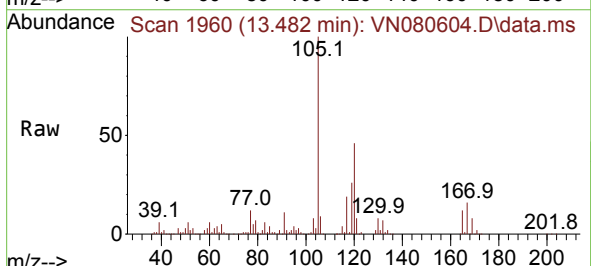
Acq: 29 Dec 2023 09:47

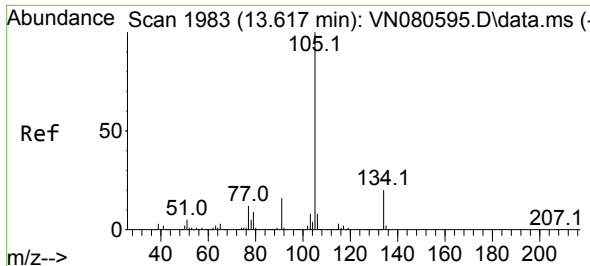
Tgt Ion:105 Resp: 878018

Ion Ratio Lower Upper

105 100

120 44.6 22.0 66.0

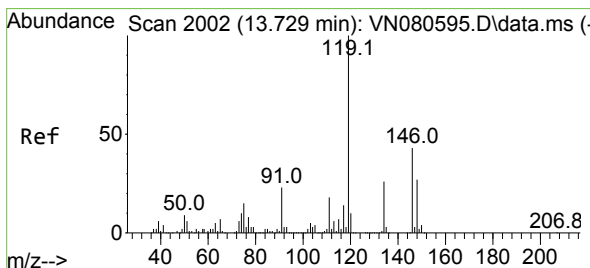
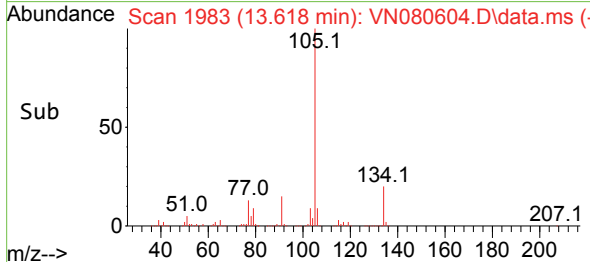
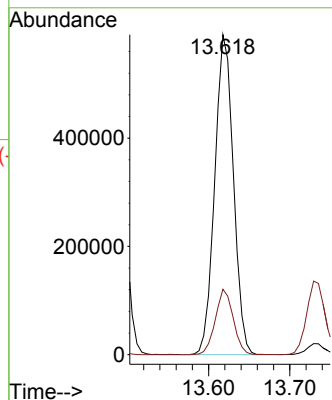
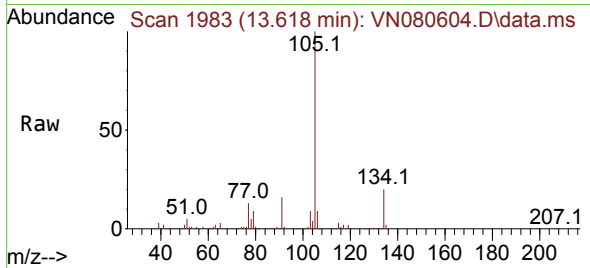




#85
 sec-Butylbenzene
 Concen: 49.519 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080604.D
 Acq: 29 Dec 2023 09:47

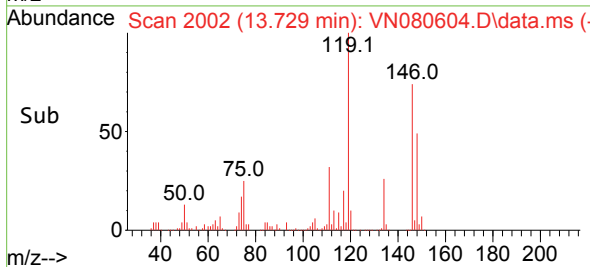
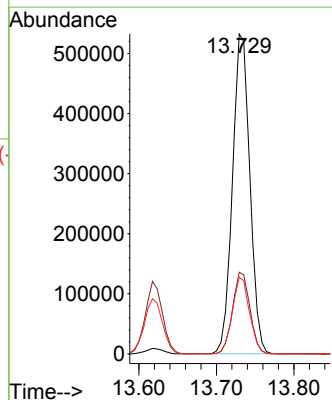
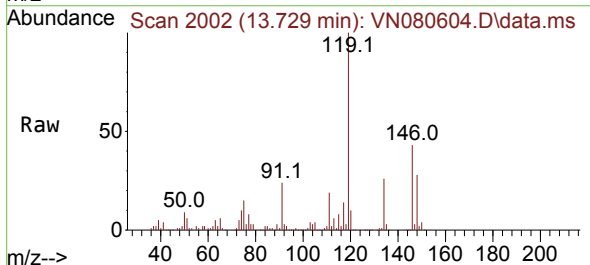
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

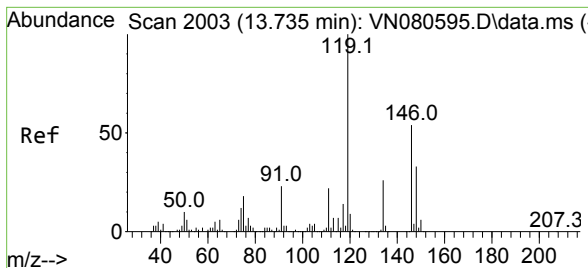
Tgt Ion:105 Resp: 945239
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 46.036 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080604.D
 Acq: 29 Dec 2023 09:47

Tgt Ion:119 Resp: 832428
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 23.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.200 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

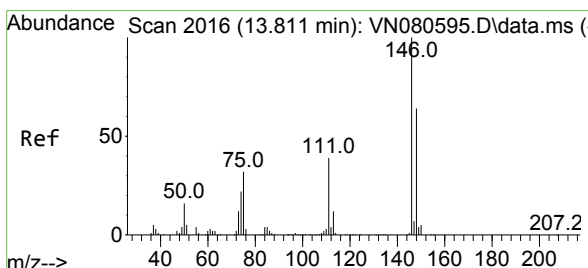
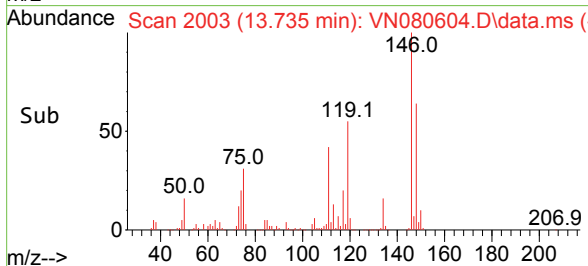
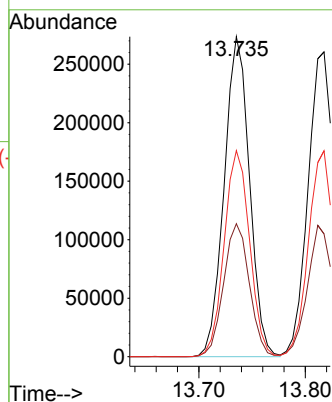
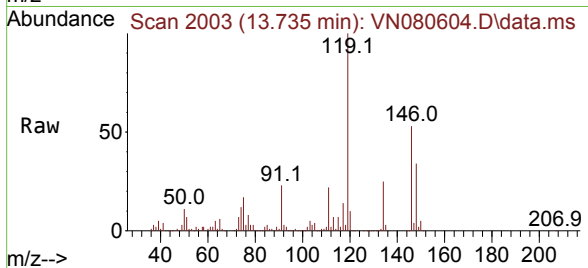
Tgt Ion:146 Resp: 452010

Ion Ratio Lower Upper

146 100

111 42.2 22.1 66.3

148 64.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 45.256 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

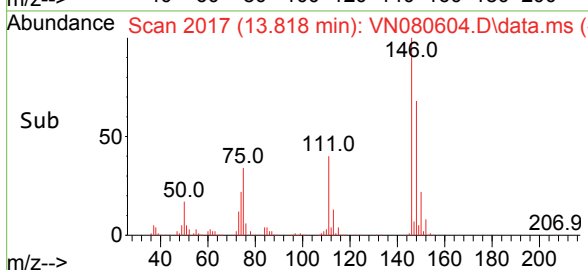
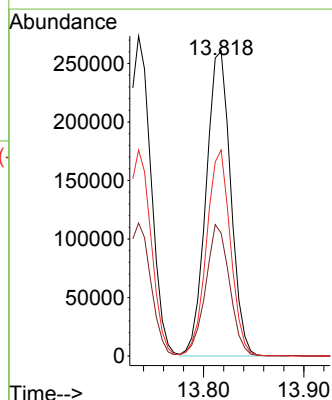
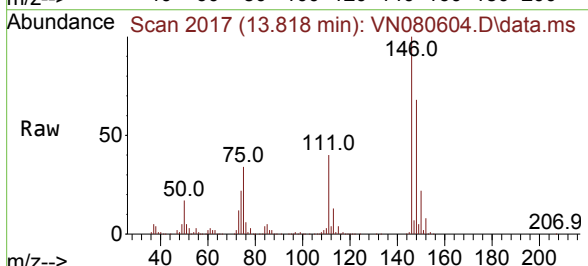
Tgt Ion:146 Resp: 445089

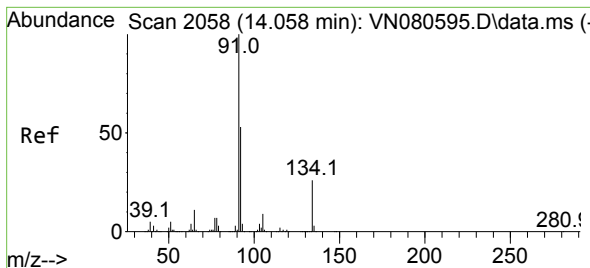
Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.8

148 65.7 31.6 94.8





#89

n-Butylbenzene

Concen: 49.751 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

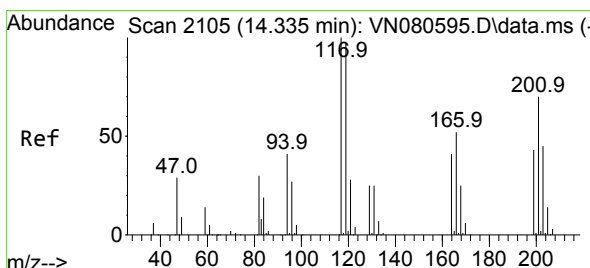
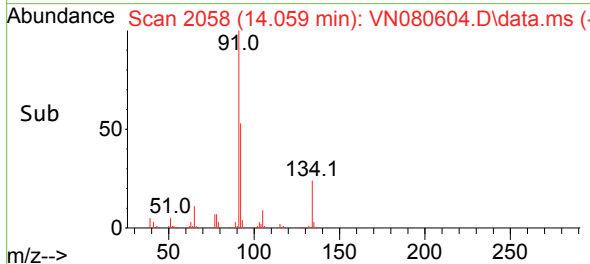
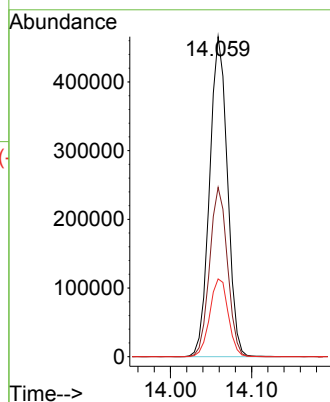
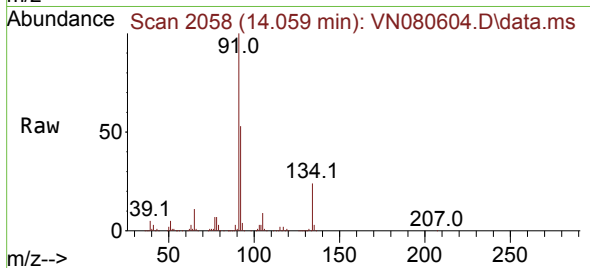
Tgt Ion: 91 Resp: 709742

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.0

134 25.2 12.6 37.6



#90

Hexachloroethane

Concen: 46.354 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080604.D

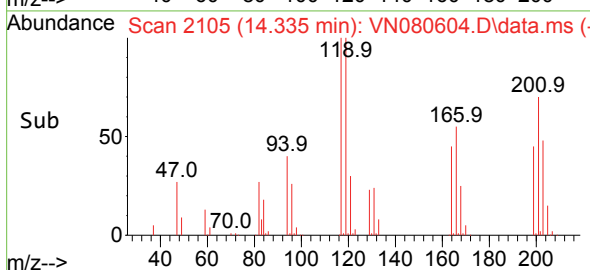
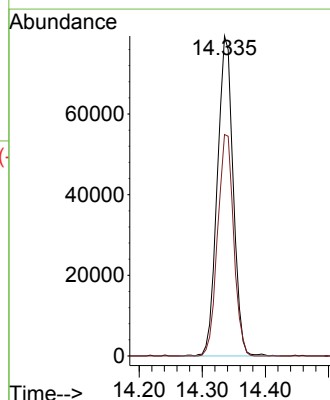
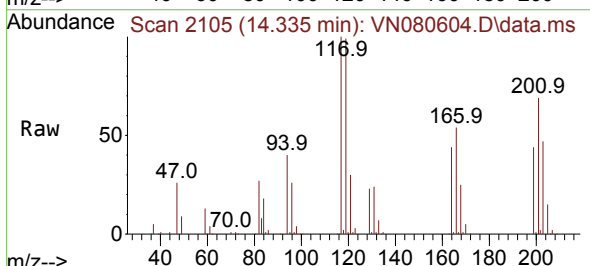
Acq: 29 Dec 2023 09:47

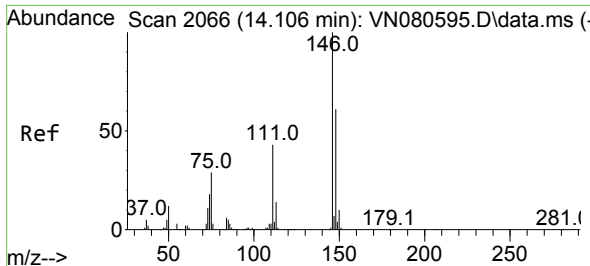
Tgt Ion: 117 Resp: 138121

Ion Ratio Lower Upper

117 100

201 69.9 29.3 88.0

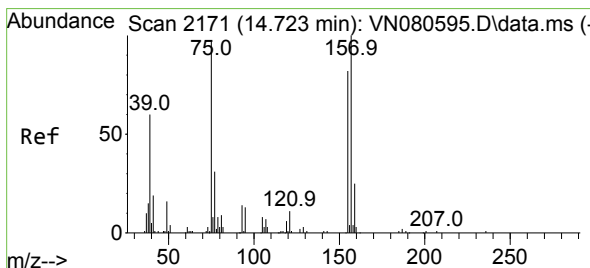
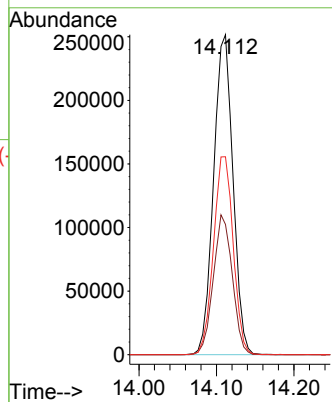
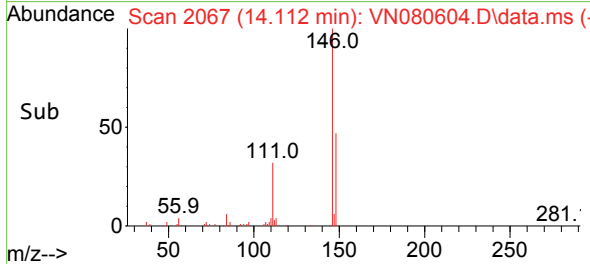
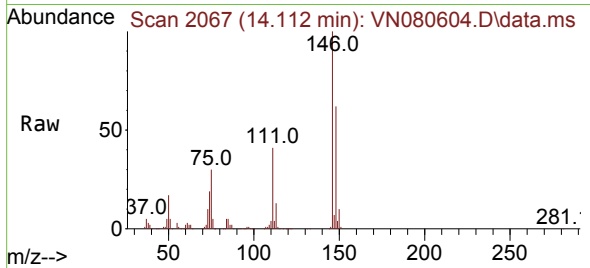




#91
 1,2-Dichlorobenzene
 Concen: 46.218 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.006 min
 Lab File: VN080604.D
 Acq: 29 Dec 2023 09:47

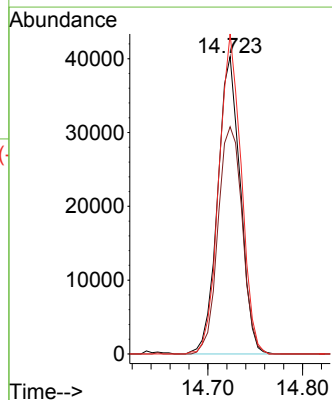
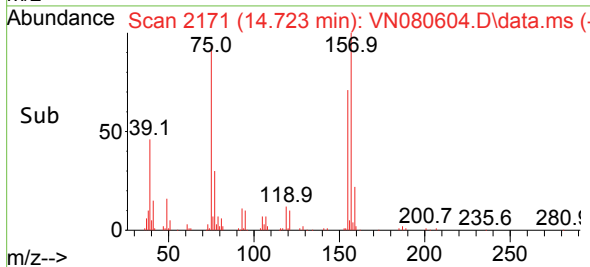
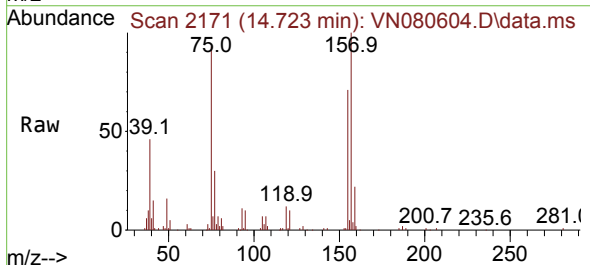
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

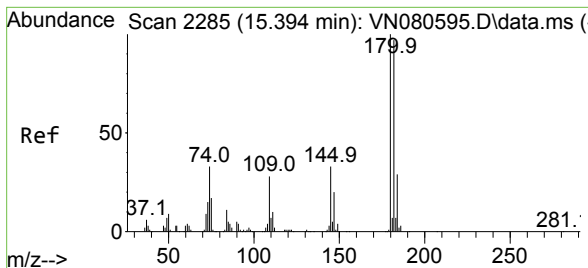
Tgt Ion:146 Resp: 436449
 Ion Ratio Lower Upper
 146 100
 111 42.9 22.0 66.0
 148 63.1 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.947 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080604.D
 Acq: 29 Dec 2023 09:47

Tgt Ion: 75 Resp: 66891
 Ion Ratio Lower Upper
 75 100
 155 81.9 39.1 117.2
 157 106.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 43.311 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

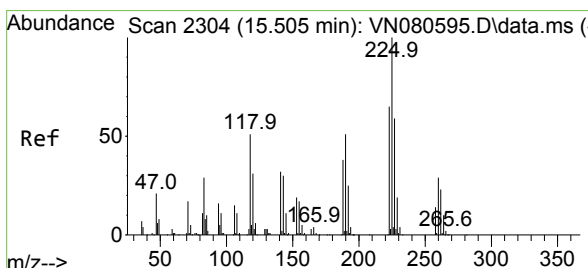
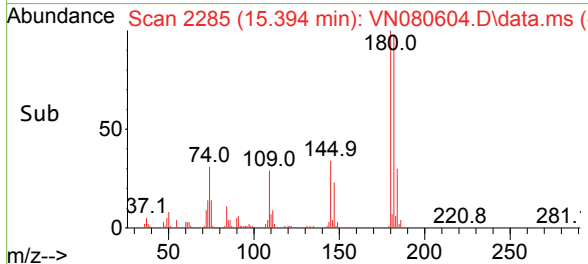
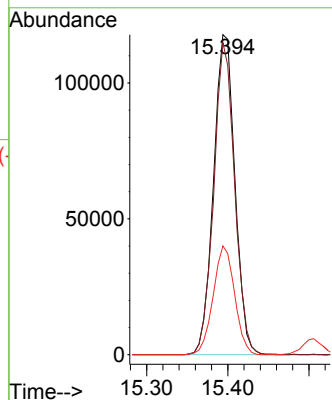
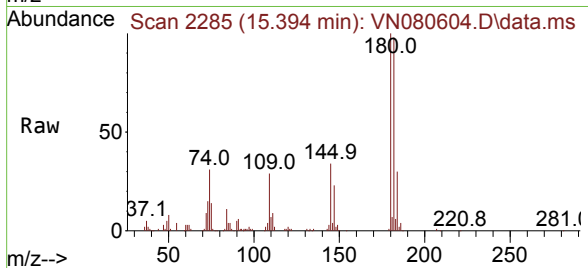
Tgt Ion:180 Resp: 215789

Ion Ratio Lower Upper

180 100

182 95.2 46.1 138.2

145 34.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 40.831 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

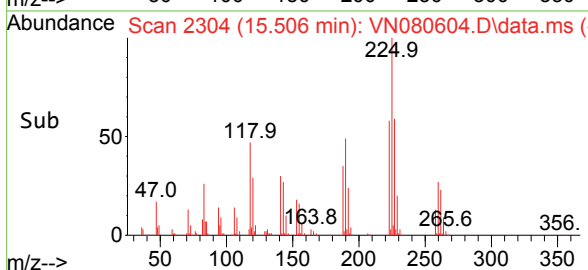
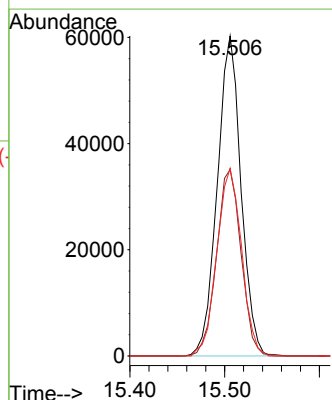
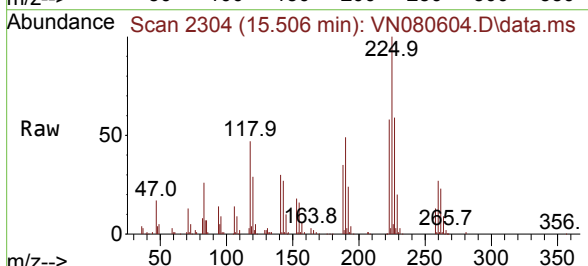
Tgt Ion:225 Resp: 104983

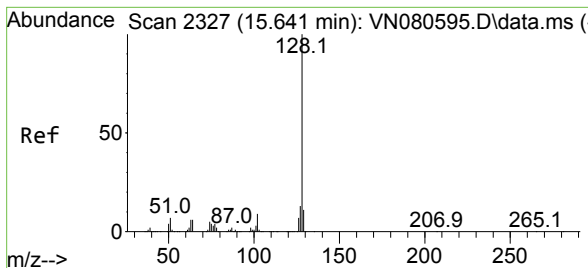
Ion Ratio Lower Upper

225 100

223 60.3 31.3 93.8

227 61.0 31.9 95.9





#95

Naphthalene

Concen: 46.219 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

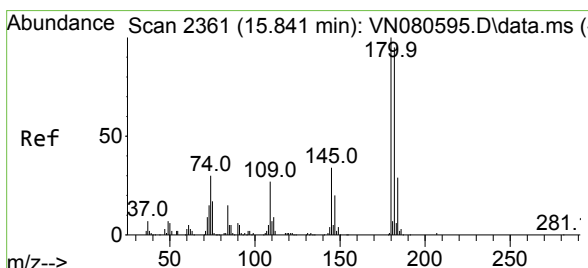
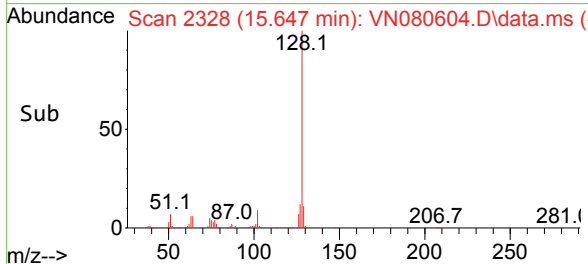
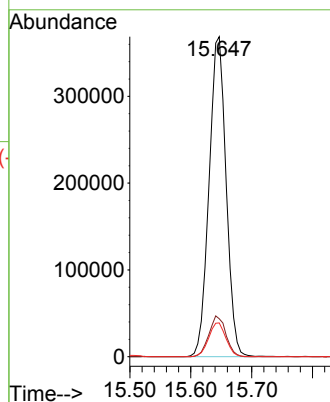
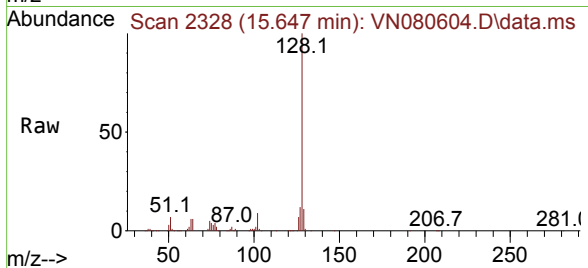
Tgt Ion:128 Resp: 716684

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 43.020 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080604.D

Acq: 29 Dec 2023 09:47

Tgt Ion:180 Resp: 216680

Ion Ratio Lower Upper

180 100

182 94.3 46.2 138.6

145 34.3 17.5 52.6

