

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122723\
 Data File : VN080596.D
 Acq On : 27 Dec 2023 12:12
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 28 02:26:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 01:54:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	492852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	833356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	652546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	285685	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	106673	16.874	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	33.740%#
35) Dibromofluoromethane	8.171	113	97628	18.114	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	36.220%#
50) Toluene-d8	10.571	98	365066	19.399	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	38.800%#
62) 4-Bromofluorobenzene	12.853	95	121363	19.163	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	38.320%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	96776	17.677	ug/l	98
3) Chloromethane	2.359	50	101135	15.136	ug/l	98
4) Vinyl Chloride	2.512	62	104991	17.233	ug/l	99
5) Bromomethane	2.953	94	40576	17.526	ug/l	94
6) Chloroethane	3.124	64	61912	16.277	ug/l	99
7) Trichlorofluoromethane	3.495	101	157606	18.117	ug/l	95
8) Diethyl Ether	3.959	74	55325	18.519	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.371	101	87794	18.488	ug/l	98
10) Methyl Iodide	4.589	142	59976	18.280	ug/l #	96
11) Tert butyl alcohol	5.518	59	69869	82.150	ug/l	100
12) 1,1-Dichloroethene	4.342	96	81604	17.915	ug/l	88
13) Acrolein	4.177	56	87135	90.613	ug/l	97
14) Allyl chloride	5.018	41	120944	17.490	ug/l	95
15) Acrylonitrile	5.712	53	247870	102.182	ug/l	98
16) Acetone	4.424	43	156912	91.307	ug/l #	87
17) Carbon Disulfide	4.712	76	210661	17.198	ug/l	99
18) Methyl Acetate	5.024	43	172760	18.133	ug/l	89
19) Methyl tert-butyl Ether	5.794	73	329602	20.099	ug/l	98
20) Methylene Chloride	5.277	84	96977	17.686	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	107341	19.504	ug/l #	84
22) Diisopropyl ether	6.677	45	252526	16.440	ug/l	89
23) Vinyl Acetate	6.600	43	644896	74.713	ug/l #	91
24) 1,1-Dichloroethane	6.553	63	166377	16.160	ug/l	95
25) 2-Butanone	7.483	43	271630	84.569	ug/l #	86
26) 2,2-Dichloropropane	7.483	77	150193	16.759	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	110419	16.868	ug/l	88
28) Bromochloromethane	7.812	49	88252	18.436	ug/l	87
29) Tetrahydrofuran	7.841	42	188690	90.079	ug/l #	84
30) Chloroform	7.965	83	195455	18.910	ug/l	97
31) Cyclohexane	8.259	56	161808	18.917	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	169560	18.193	ug/l	95
36) 1,1-Dichloropropene	8.371	75	154090	18.576	ug/l	97
37) Ethyl Acetate	7.559	43	96300	15.386	ug/l	98
38) Carbon Tetrachloride	8.365	117	156102	18.395	ug/l	99
39) Methylcyclohexane	9.600	83	142504	20.945	ug/l	91
40) Benzene	8.606	78	358630	15.088	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	69988	18.358	ug/l	90
42) 1,2-Dichloroethane	8.671	62	124547	16.205	ug/l	100
43) Isopropyl Acetate	8.688	43	161595	15.928	ug/l	98
44) Trichloroethene	9.353	130	118167	19.084	ug/l	100
45) 1,2-Dichloropropane	9.624	63	113232	20.086	ug/l	98
46) Dibromomethane	9.712	93	69317	18.275	ug/l	90
47) Bromodichloromethane	9.888	83	143287	18.022	ug/l	98
48) Methyl methacrylate	9.682	41	108321	19.230	ug/l	84
49) 1,4-Dioxane	9.694	88	34218	380.050	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	567459	98.344	ug/l	95
52) Toluene	10.629	92	242723	18.403	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	155147	19.356	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	165458	18.444	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	100649	19.239	ug/l	99
56) Ethyl methacrylate	10.876	69	100931	19.696	ug/l #	89
57) 1,3-Dichloropropane	11.165	76	168201	18.976	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	380057	105.023	ug/l	95
59) 2-Hexanone	11.194	43	420729	96.742	ug/l	92
60) Dibromochloromethane	11.365	129	110663	18.996	ug/l	99
61) 1,2-Dibromoethane	11.471	107	99548	18.872	ug/l	99
64) Tetrachloroethene	11.106	164	85640	19.641	ug/l	90
65) Chlorobenzene	11.894	112	266720	19.648	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	102390	19.608	ug/l	98
67) Ethyl Benzene	11.965	91	454194	20.013	ug/l	96
68) m/p-Xylenes	12.071	106	337363	40.063	ug/l	95
69) o-Xylene	12.400	106	165861	20.055	ug/l	97
70) Styrene	12.412	104	246383	20.486	ug/l	99
71) Bromoform	12.582	173	70068	18.969	ug/l #	100
73) Isopropylbenzene	12.700	105	408009	20.867	ug/l	98
74) N-amyl acetate	12.494	43	151196	21.918	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	132155	19.585	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	172752	28.114	ug/l	71
77) Bromobenzene	12.982	156	104581	20.138	ug/l	99
78) n-propylbenzene	13.035	91	468187	20.938	ug/l	100
79) 2-Chlorotoluene	13.129	91	292970	20.070	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	342763	20.760	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	41417	18.258	ug/l	89
82) 4-Chlorotoluene	13.223	91	299098	20.035	ug/l	99
83) tert-Butylbenzene	13.441	119	278678	20.195	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	344984	20.636	ug/l	99
85) sec-Butylbenzene	13.617	105	375862	20.583	ug/l	99
86) p-Isopropyltoluene	13.729	119	330570	19.983	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	185596	19.830	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	183159	19.468	ug/l	99
89) n-Butylbenzene	14.059	91	272765	19.987	ug/l	100
90) Hexachloroethane	14.335	117	54044	18.960	ug/l	81
91) 1,2-Dichlorobenzene	14.106	146	178097	19.715	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26363	18.929	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	95757	20.091	ug/l	96
94) Hexachlorobutadiene	15.500	225	51630	20.991	ug/l	99
95) Naphthalene	15.641	128	290538	19.586	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	105981	21.995	ug/l	98

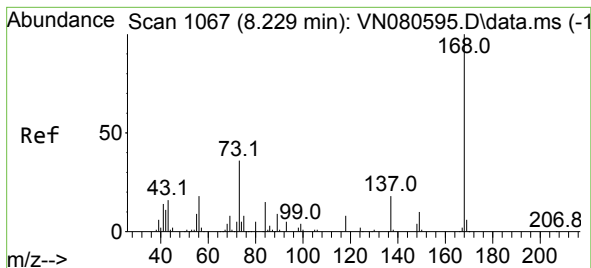
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.001 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

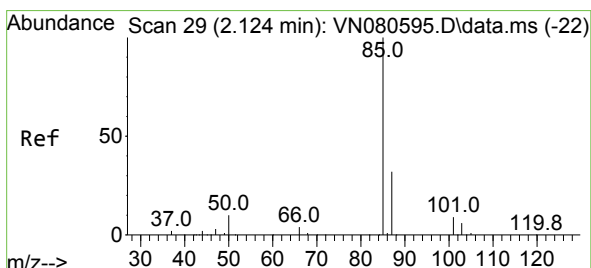
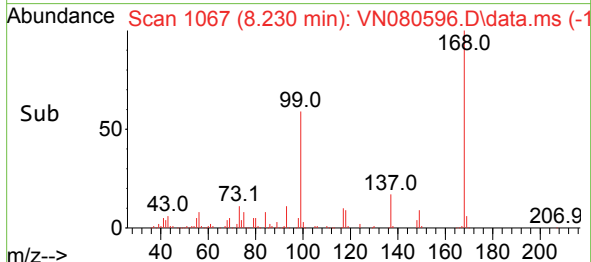
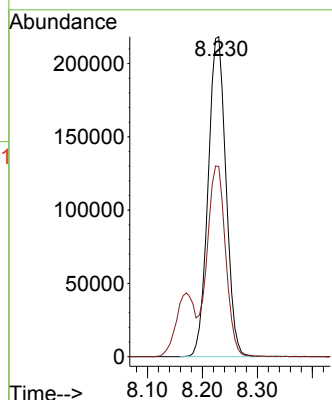
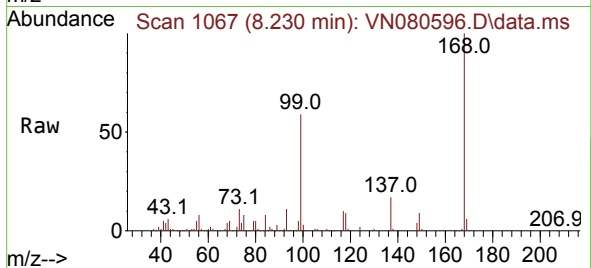
VSTDICC020

Tgt Ion:168 Resp: 492852

Ion Ratio Lower Upper

168 100

99 59.3 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 17.677 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080596.D

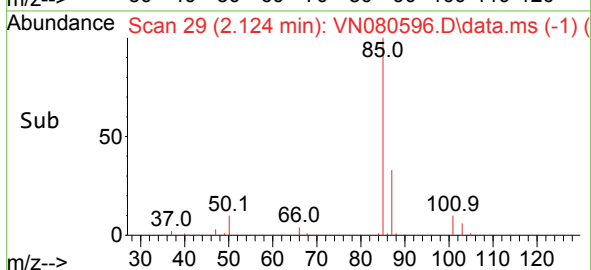
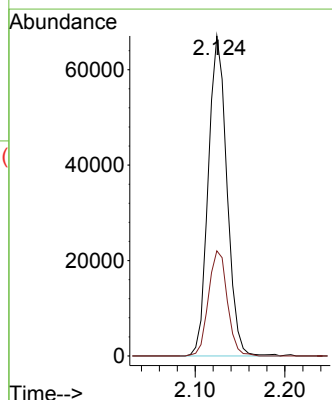
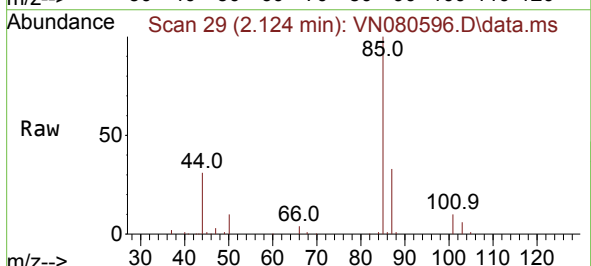
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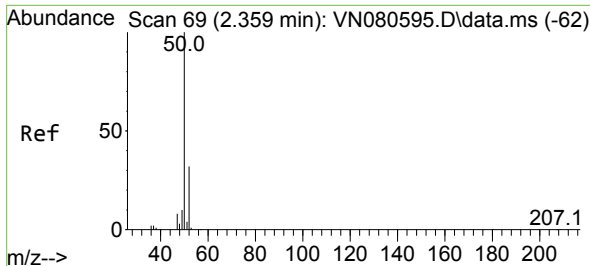
Tgt Ion: 85 Resp: 96776

Ion Ratio Lower Upper

85 100

87 32.9 15.8 47.4

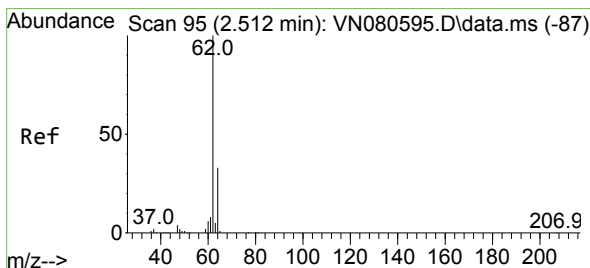
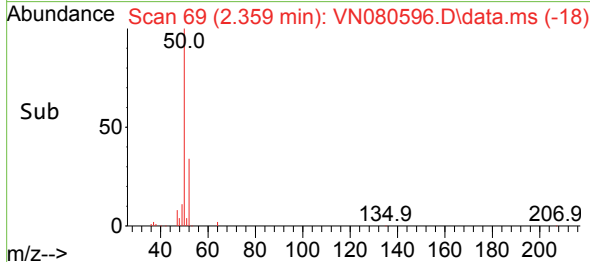
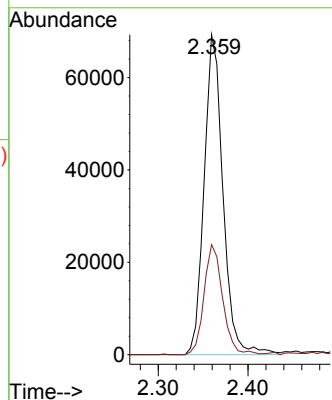
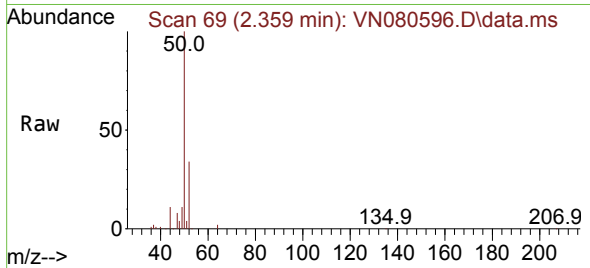




#3
Chloromethane
Concen: 15.136 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080596.D
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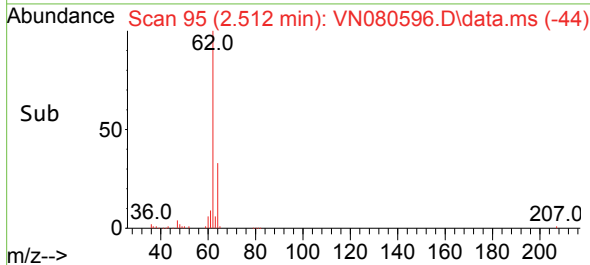
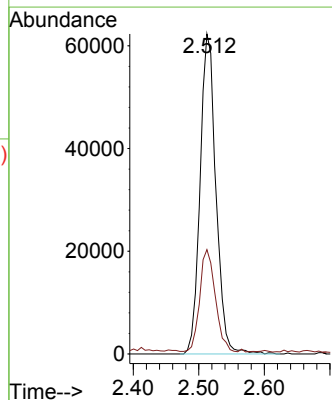
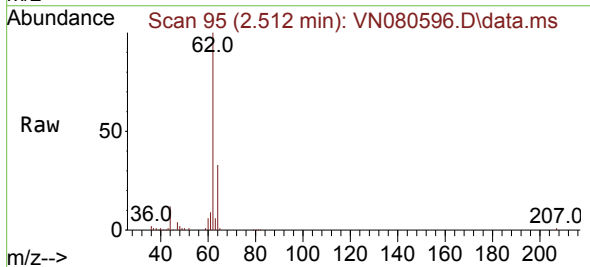
Instrument :
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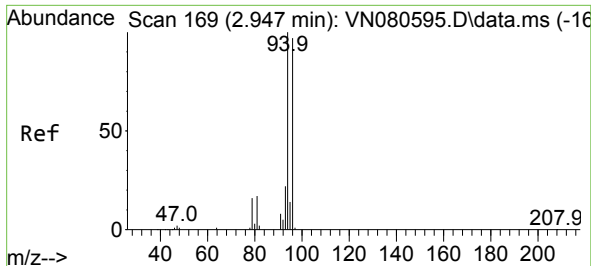
Tgt Ion: 50 Resp: 101135
Ion Ratio Lower Upper
50 100
52 34.4 26.5 39.7



#4
Vinyl Chloride
Concen: 17.233 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 62 Resp: 104991
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2

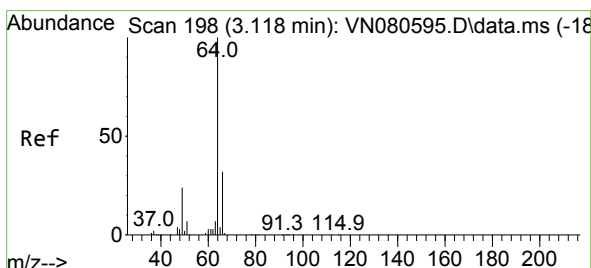
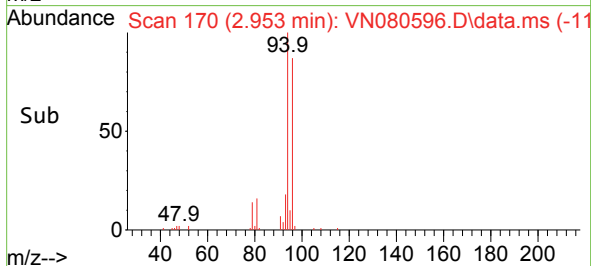
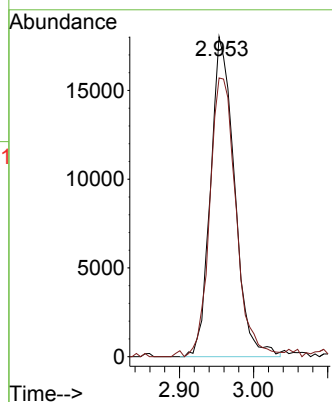
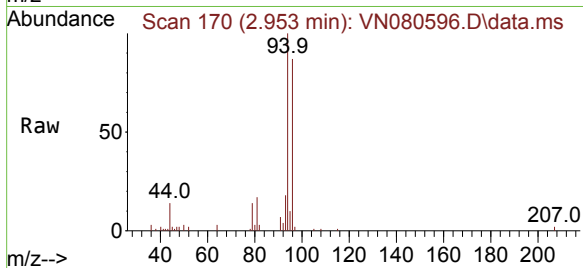




#5
Bromomethane
Concen: 17.526 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

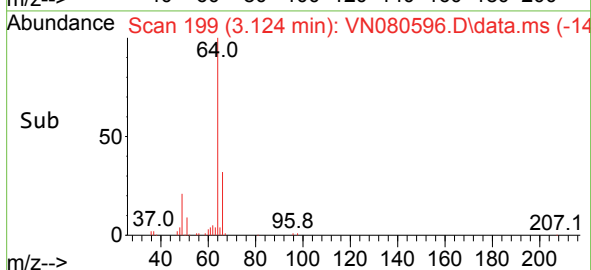
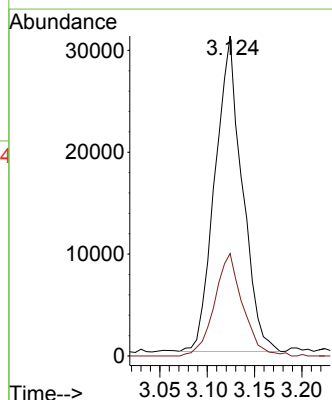
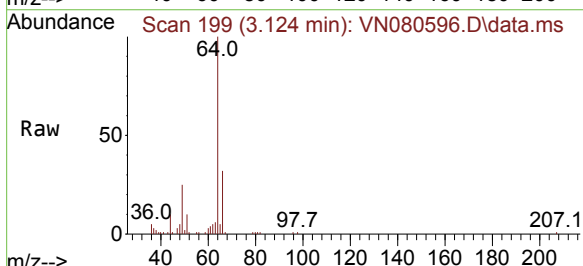
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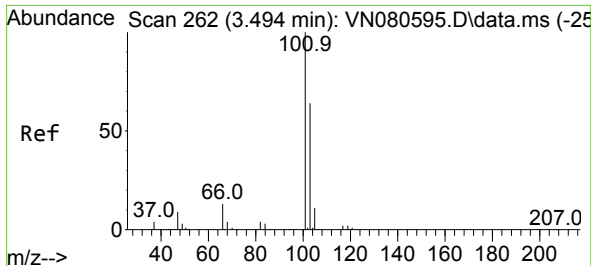
Tgt Ion: 94 Resp: 40576
Ion Ratio Lower Upper
94 100
96 85.7 73.1 109.7



#6
Chloroethane
Concen: 16.277 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 64 Resp: 61912
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2

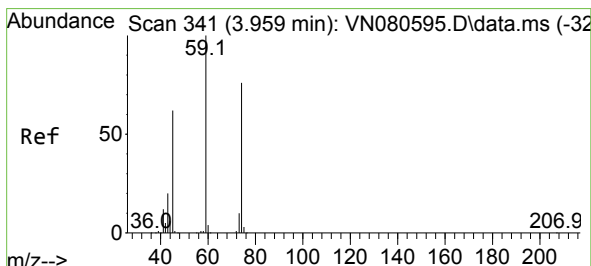
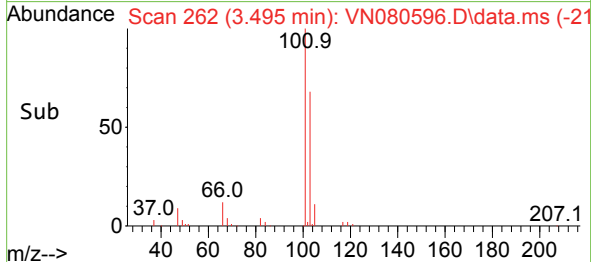
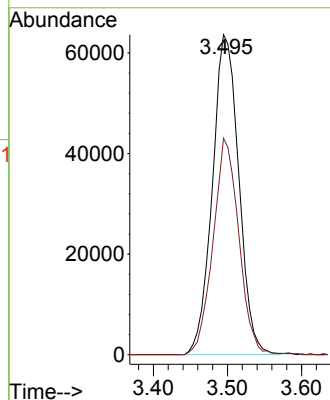
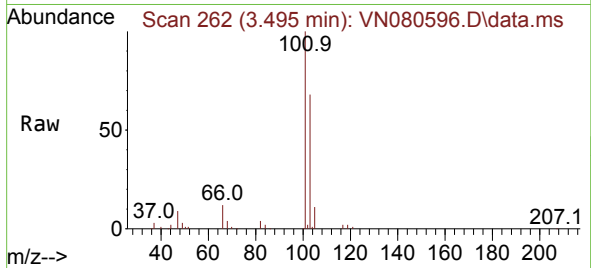




#7
Trichlorofluoromethane
Concen: 18.117 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

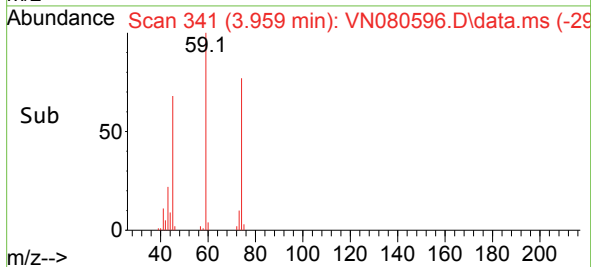
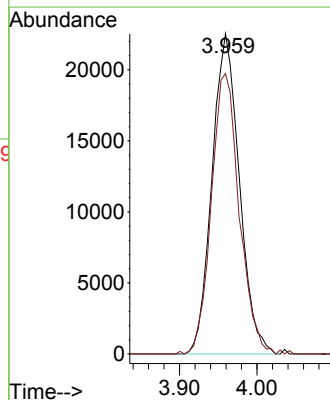
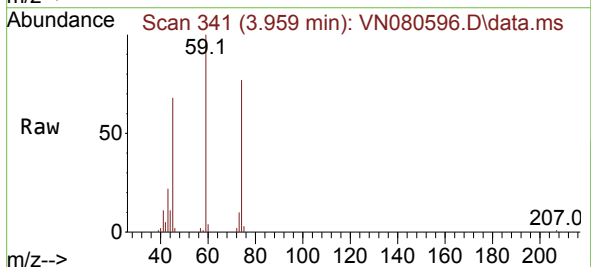
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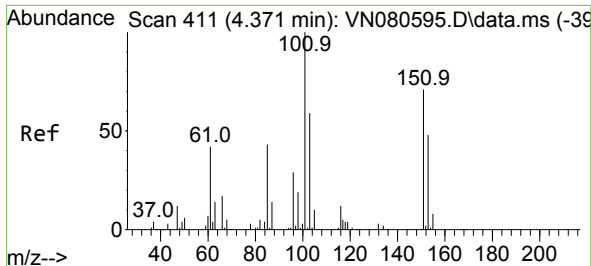
Tgt Ion:101 Resp: 157606
Ion Ratio Lower Upper
101 100
103 67.7 50.7 76.1



#8
Diethyl Ether
Concen: 18.519 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 74 Resp: 55325
Ion Ratio Lower Upper
74 100
45 89.4 34.4 103.3

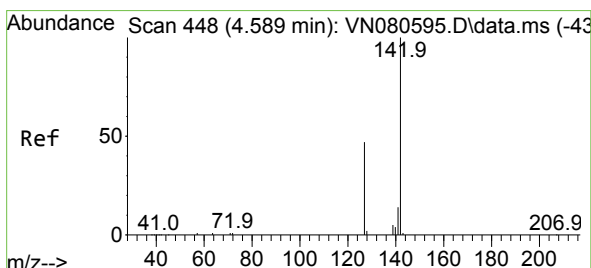
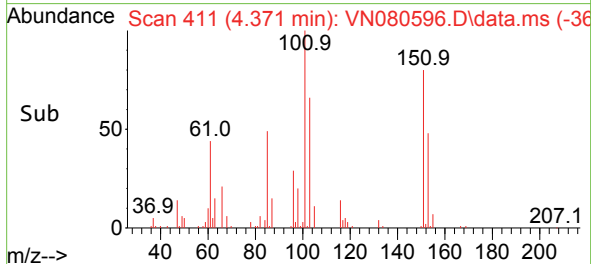
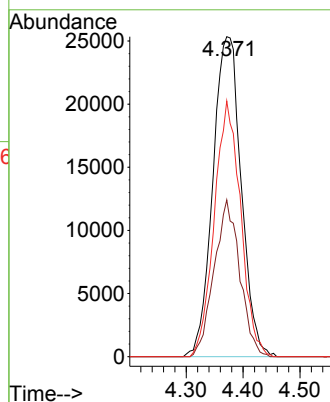
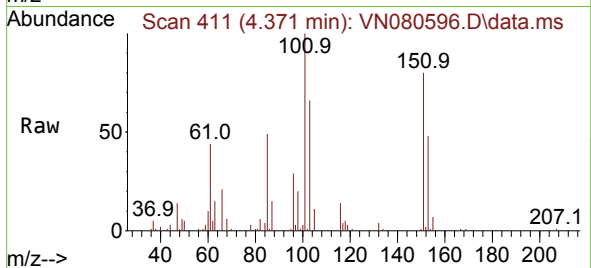




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.488 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080596.D
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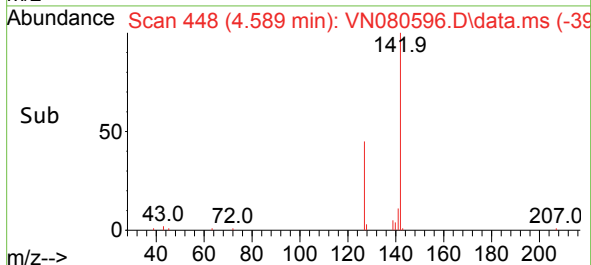
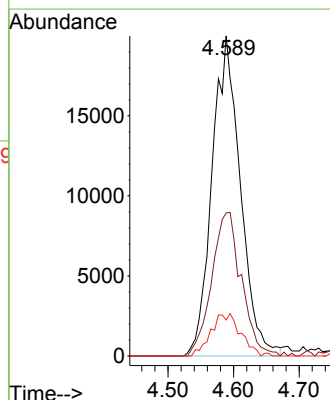
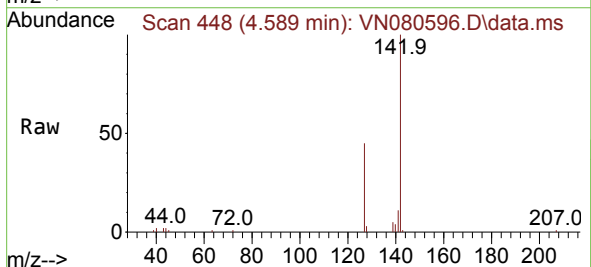
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

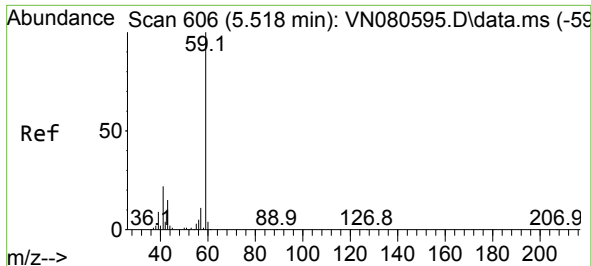
Tgt Ion:101 Resp: 87794
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 74.1 57.6 86.4



#10
Methyl Iodide
Concen: 18.280 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion:142 Resp: 59976
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 11.3 11.4 17.0#

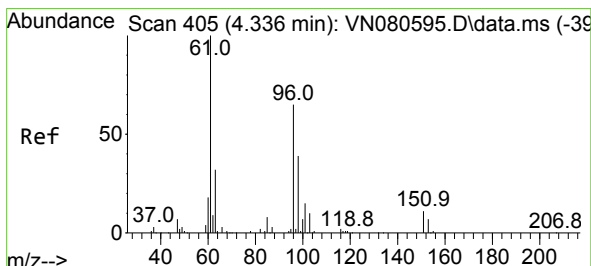
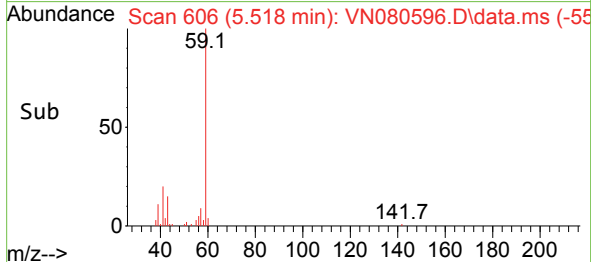
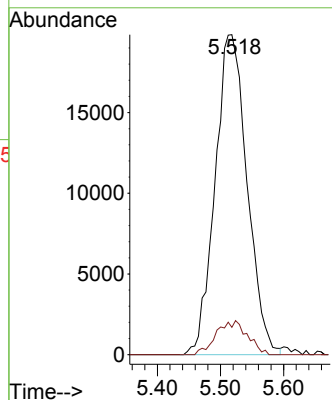
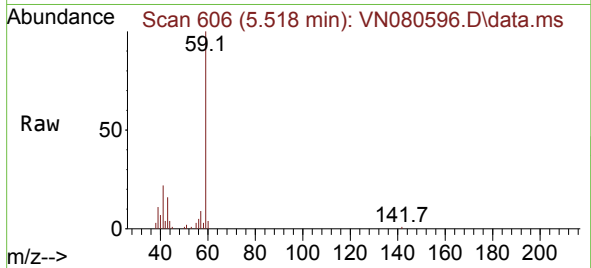




#11
Tert butyl alcohol
Concen: 82.150 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

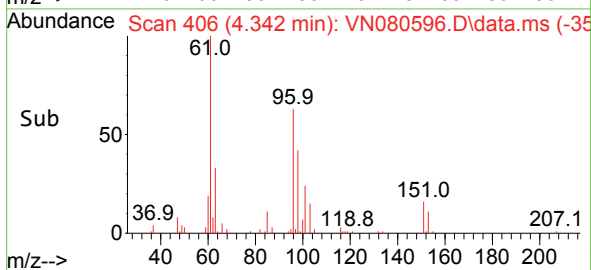
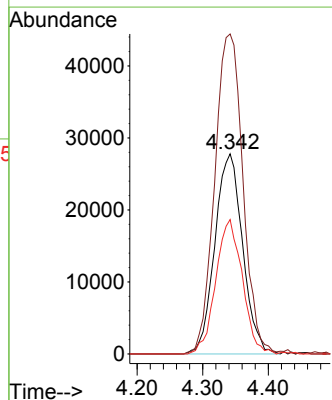
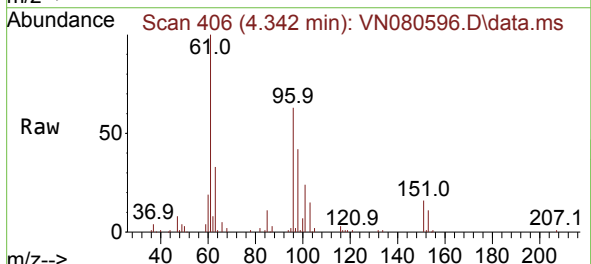
Instrument :
MSVOA_N
ClientSampleId :
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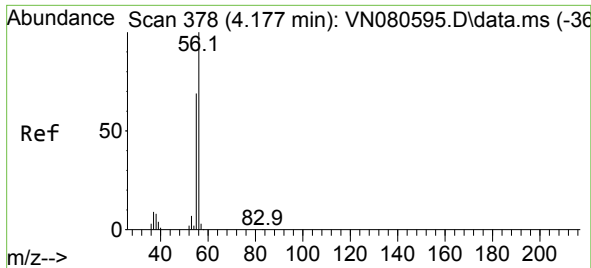
Tgt Ion: 59 Resp: 69869
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.915 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 96 Resp: 81604
Ion Ratio Lower Upper
96 100
61 159.9 112.7 169.1
98 67.2 51.2 76.8

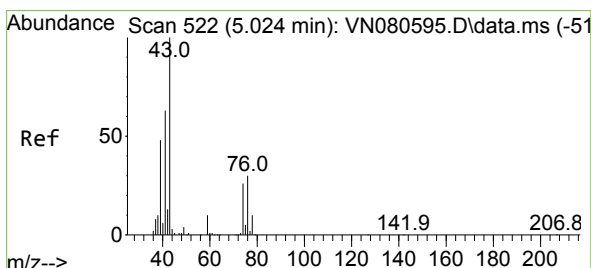
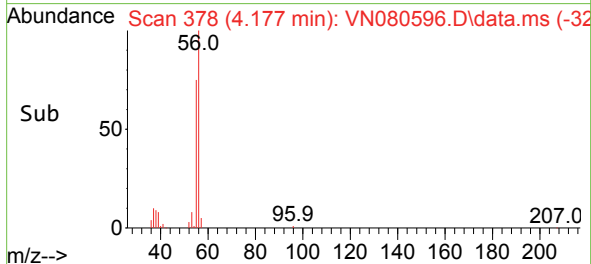
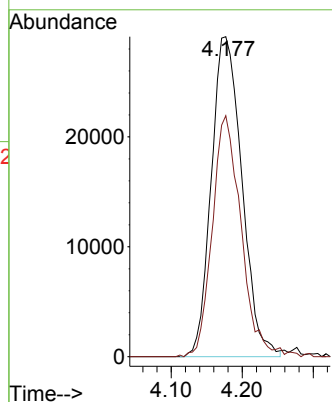
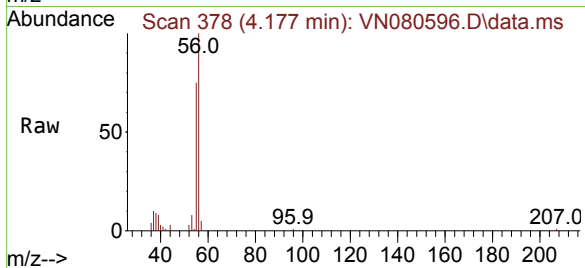




#13
Acrolein
Concen: 90.613 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

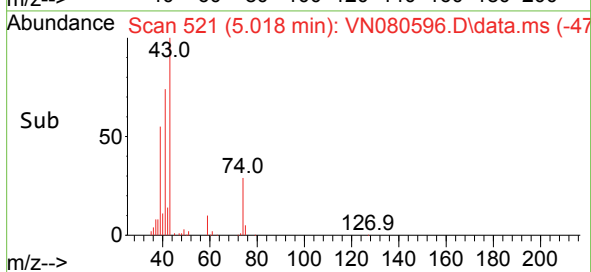
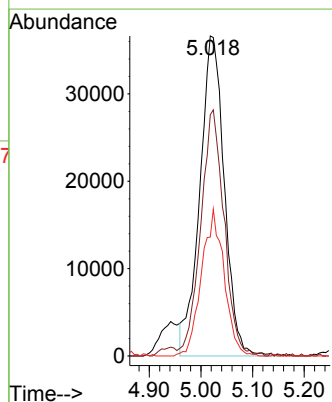
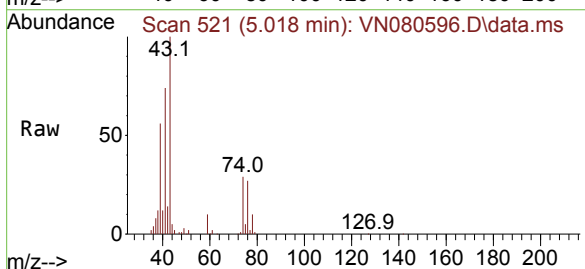
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

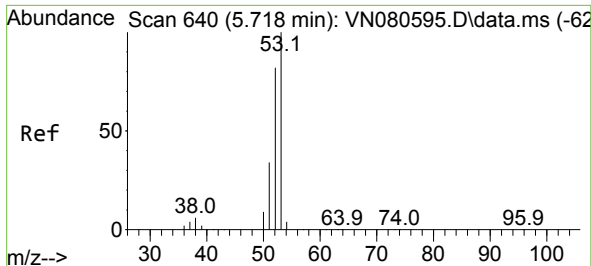
Tgt Ion: 56 Resp: 87135
Ion Ratio Lower Upper
56 100
55 70.9 54.5 81.7



#14
Allyl chloride
Concen: 17.490 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 41 Resp: 120944
Ion Ratio Lower Upper
41 100
39 72.4 58.8 88.2
76 42.1 39.1 58.7

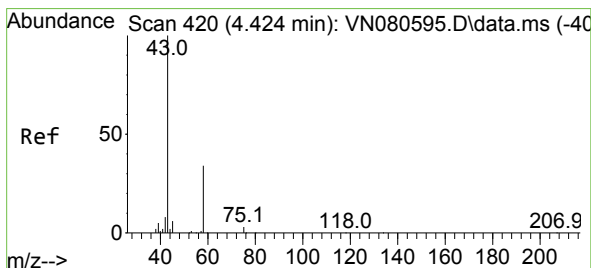
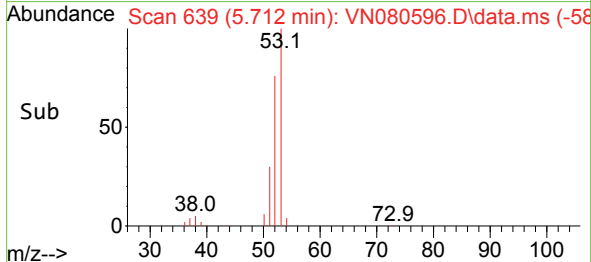
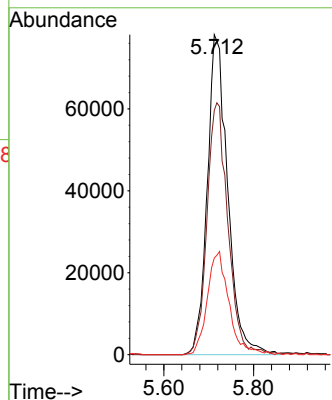
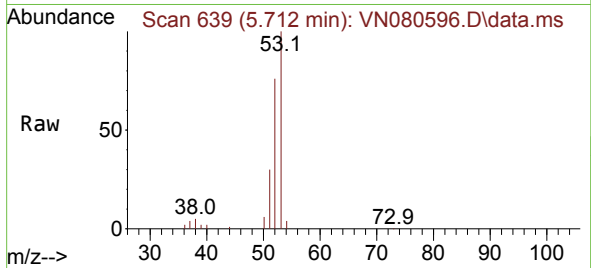




#15
Acrylonitrile
Concen: 102.182 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

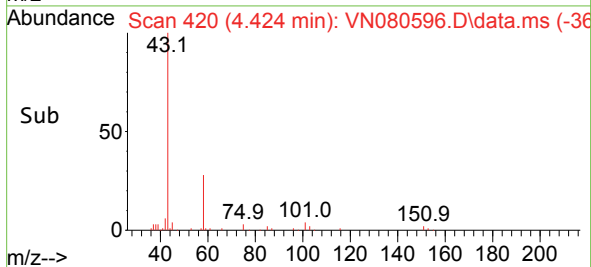
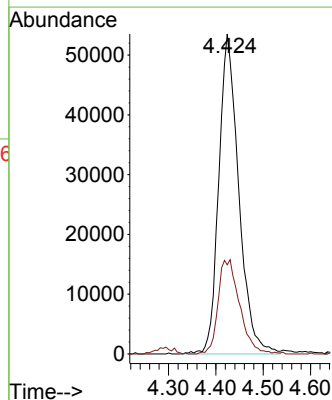
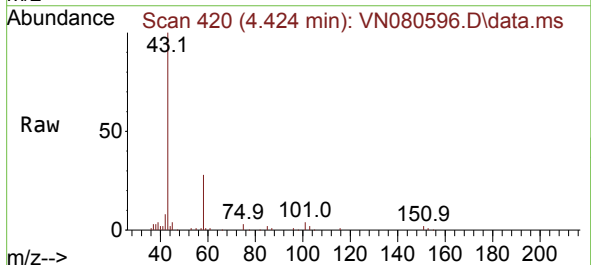
Instrument :
MSVOA_N
ClientSampleId :
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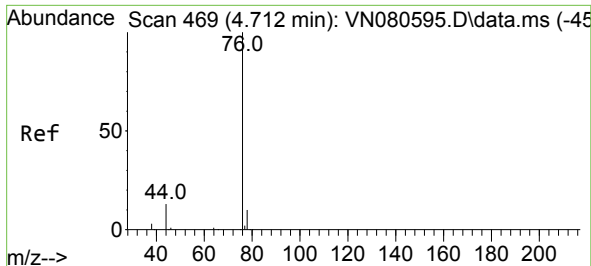
Tgt Ion: 53 Resp: 247870
Ion Ratio Lower Upper
53 100
52 80.5 65.3 97.9
51 34.1 28.9 43.3



#16
Acetone
Concen: 91.307 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 43 Resp: 156912
Ion Ratio Lower Upper
43 100
58 27.6 28.0 42.0#

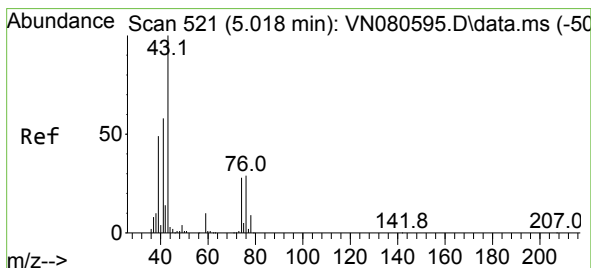
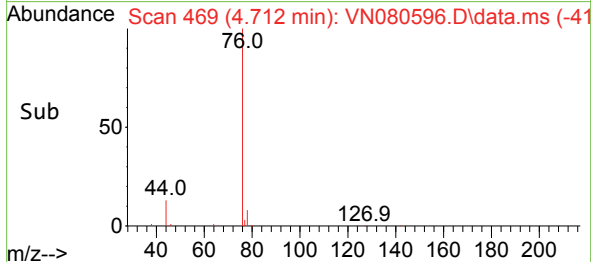
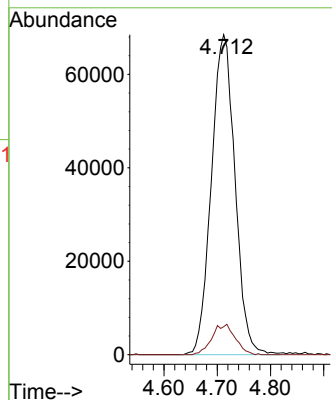
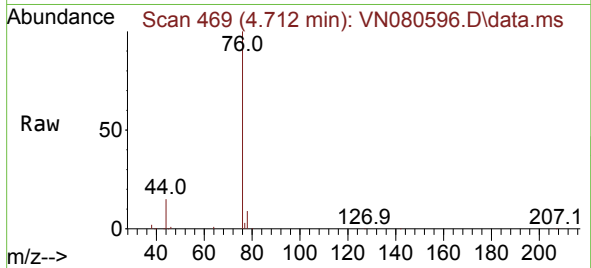




#17
Carbon Disulfide
Concen: 17.198 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

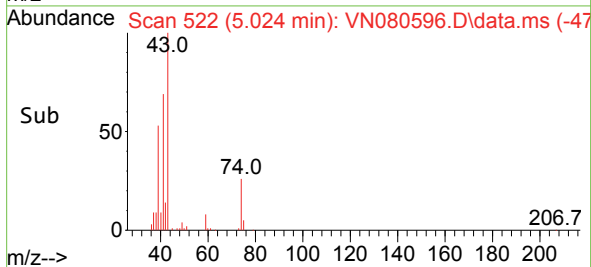
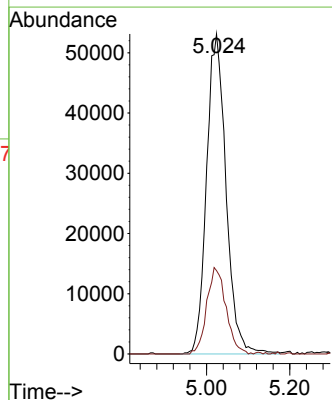
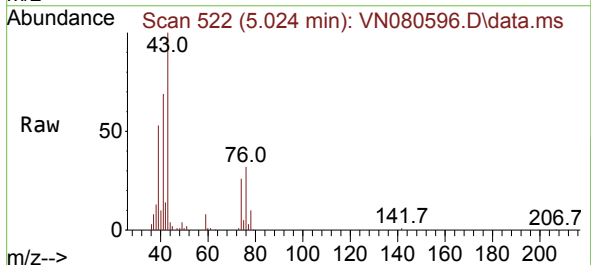
Instrument :
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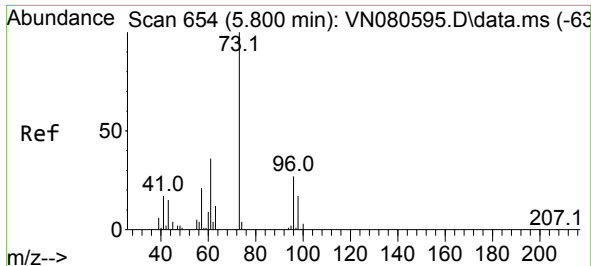
Tgt Ion: 76 Resp: 210661
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 18.133 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 43 Resp: 172760
Ion Ratio Lower Upper
43 100
74 26.6 26.2 39.4

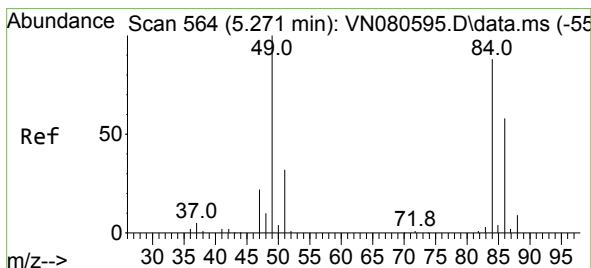
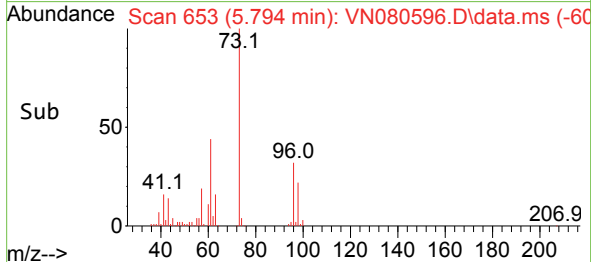
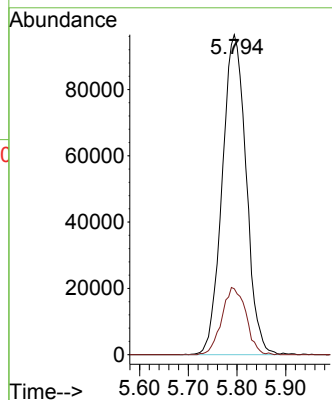
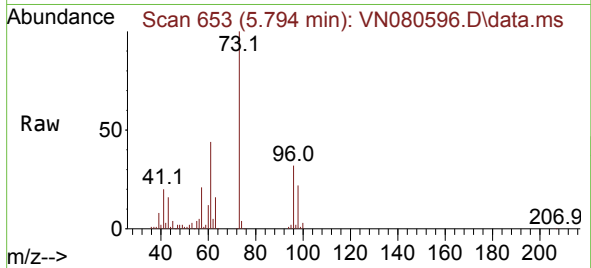




#19
Methyl tert-butyl Ether
Concen: 20.099 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

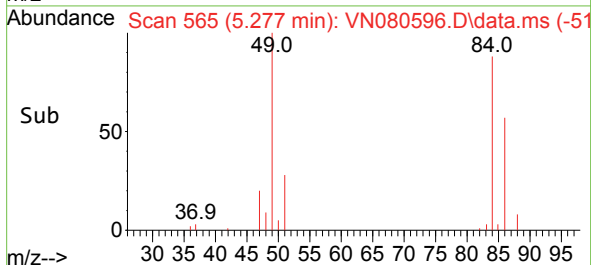
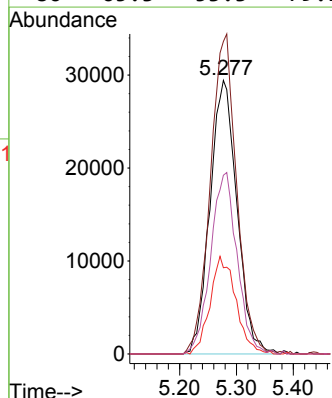
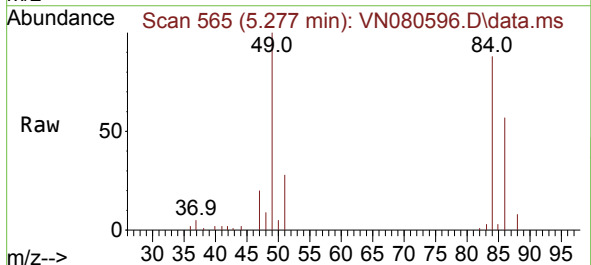
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

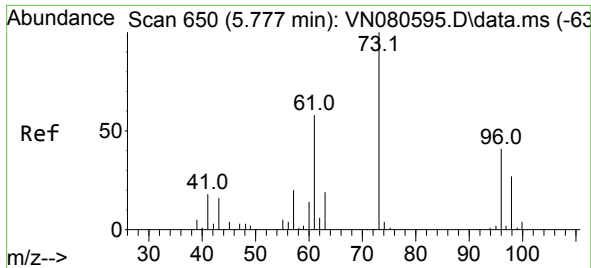
Tgt Ion: 73 Resp: 329602
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4



#20
Methylene Chloride
Concen: 17.686 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 84 Resp: 96977
Ion Ratio Lower Upper
84 100
49 114.2 79.7 119.5
51 31.5 25.2 37.8
86 65.3 53.3 79.9

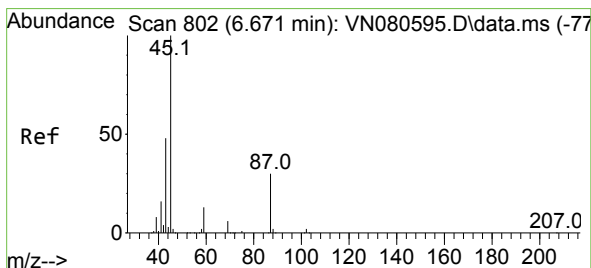
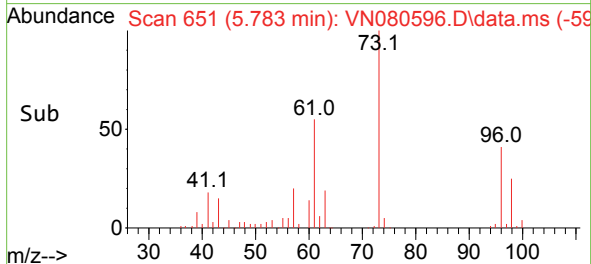
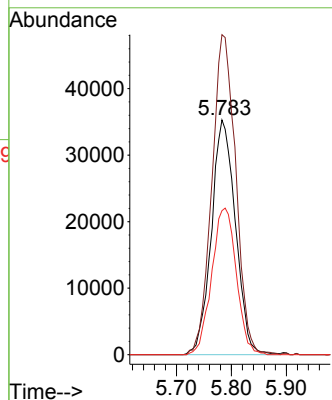
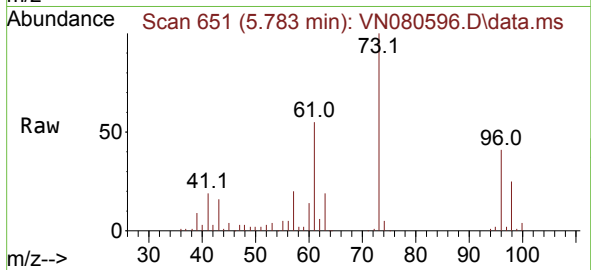




#21
trans-1,2-Dichloroethene
Concen: 19.504 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

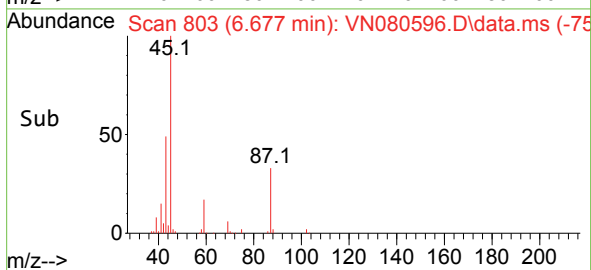
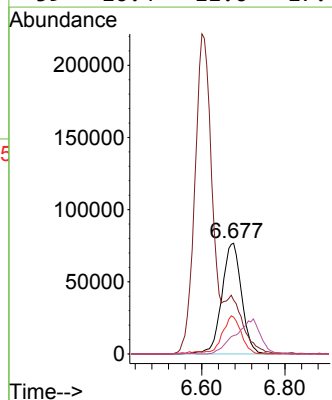
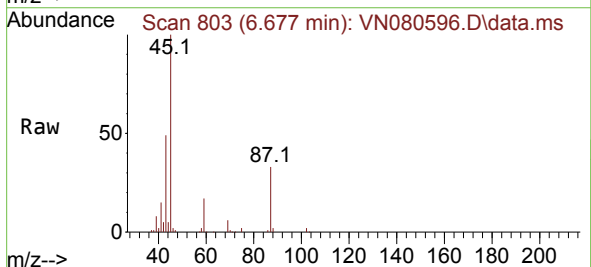
Instrument :
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ClientSampleId :
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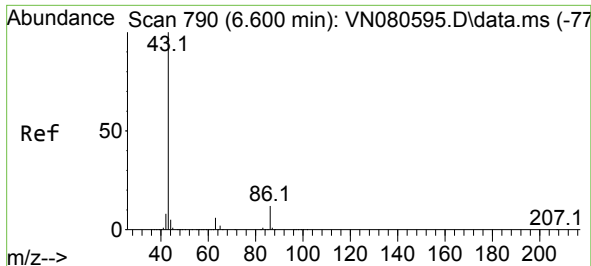
Tgt Ion: 96 Resp: 107341
Ion Ratio Lower Upper
96 100
61 136.4 90.1 135.1#
98 61.4 46.4 69.6



#22
Diisopropyl ether
Concen: 16.440 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 45 Resp: 252526
Ion Ratio Lower Upper
45 100
43 47.8 45.5 68.3
87 33.2 31.8 47.8
59 16.4 11.6 17.4

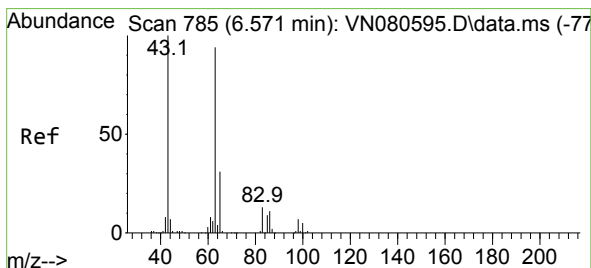
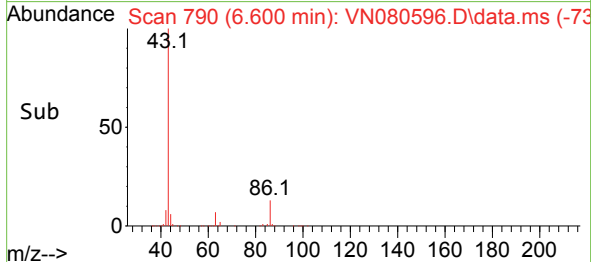
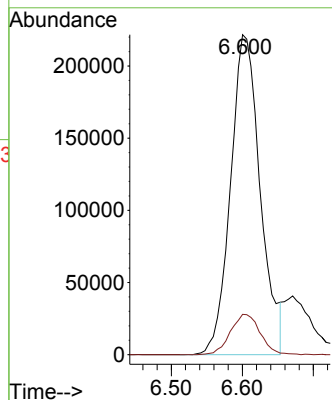
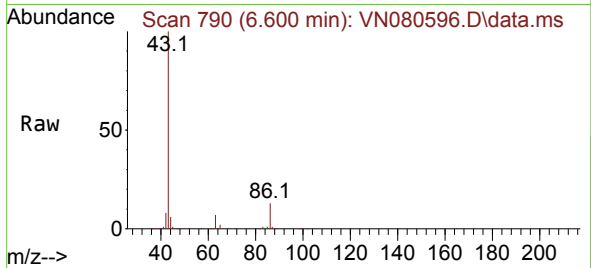




#23
 Vinyl Acetate
 Concen: 74.713 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080596.D
 Acq: 27 Dec 2023 12:12

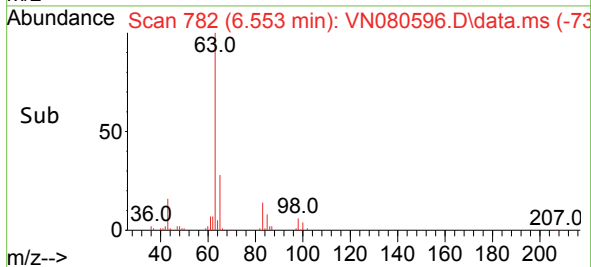
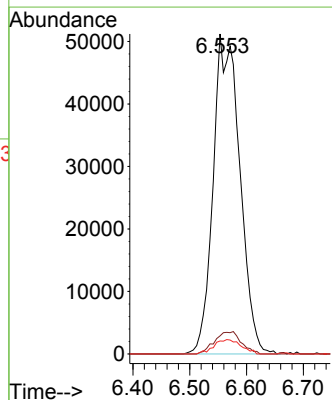
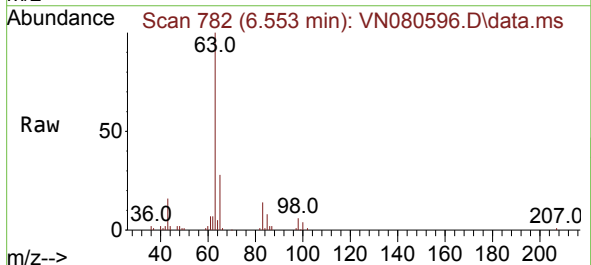
Instrument :
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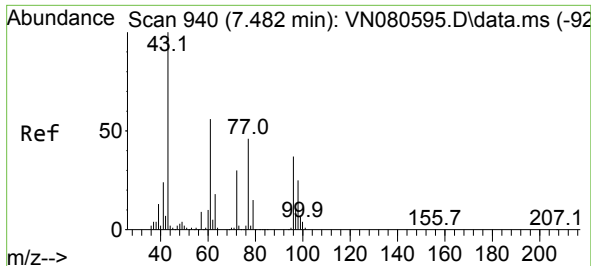
Tgt Ion: 43 Resp: 644896
 Ion Ratio Lower Upper
 43 100
 86 12.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 16.160 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.018 min
 Lab File: VN080596.D
 Acq: 27 Dec 2023 12:12

Tgt Ion: 63 Resp: 166377
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.9 11.7
 100 4.1 2.5 7.4

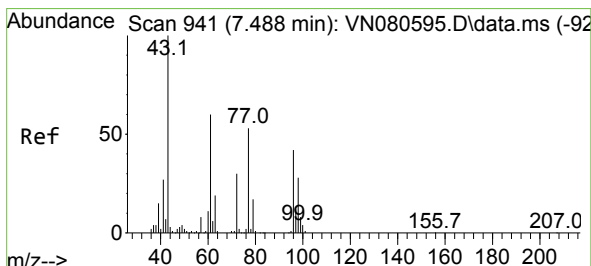
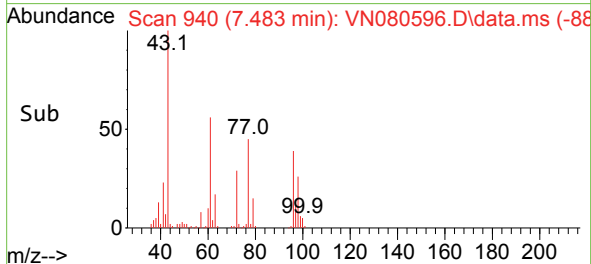
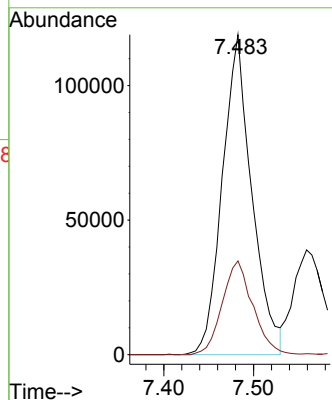
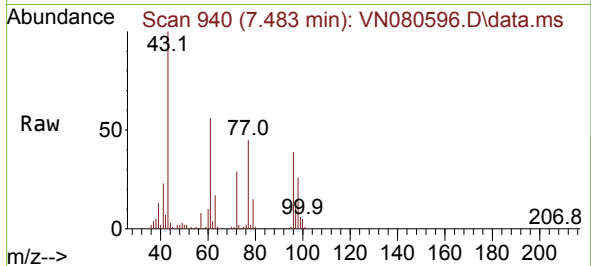




#25
2-Butanone
Concen: 84.569 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

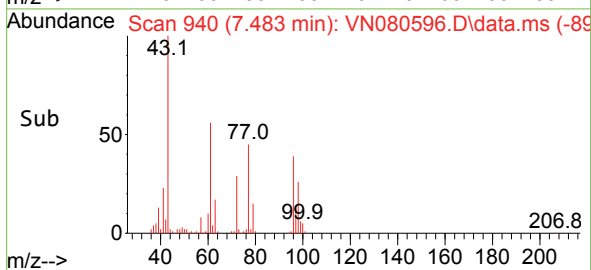
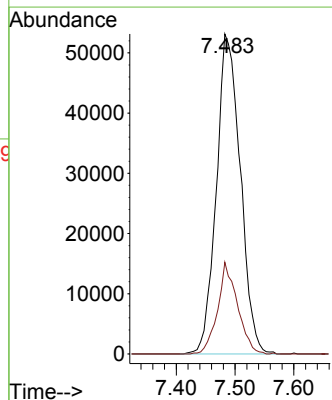
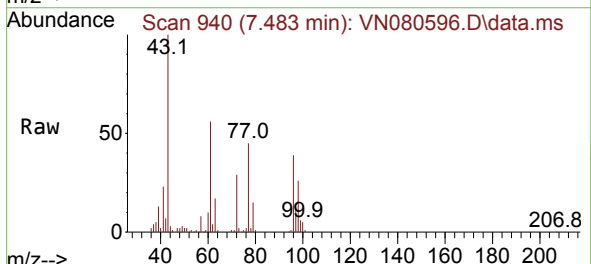
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MSVOA_N
ClientSampleId :
VSTDICC020

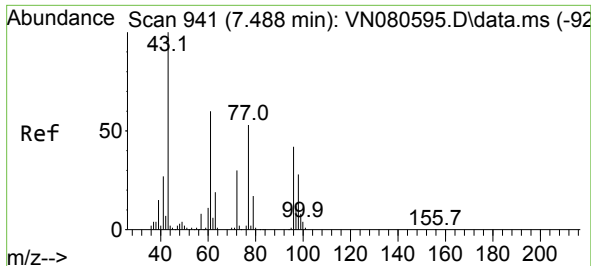
Tgt Ion: 43 Resp: 271630
Ion Ratio Lower Upper
43 100
72 29.3 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 16.759 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 77 Resp: 150193
Ion Ratio Lower Upper
77 100
97 23.8 11.2 33.6

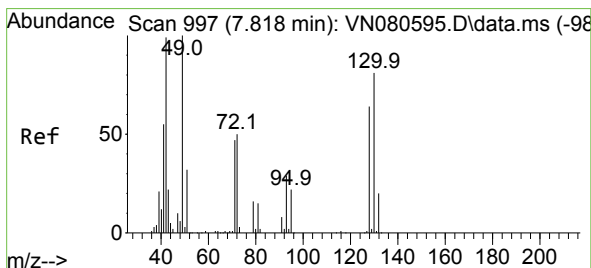
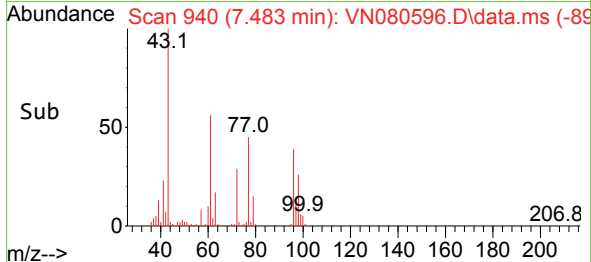
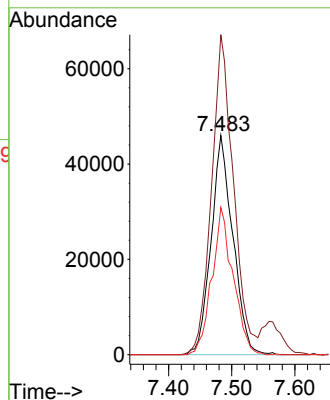
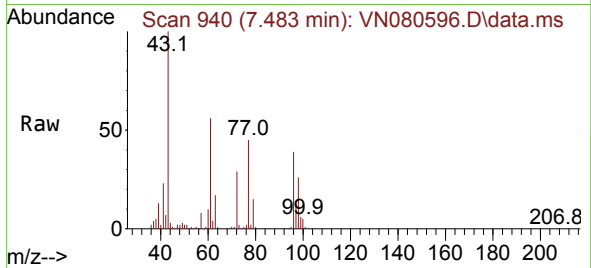




#27
 cis-1,2-Dichloroethene
 Concen: 16.868 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080596.D
 Acq: 27 Dec 2023 12:12

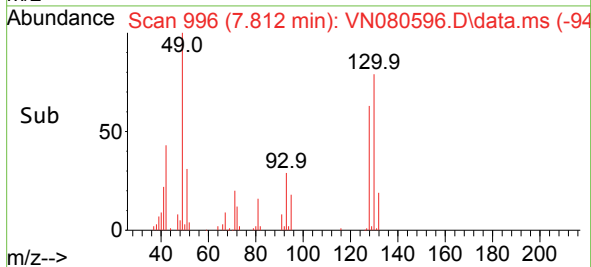
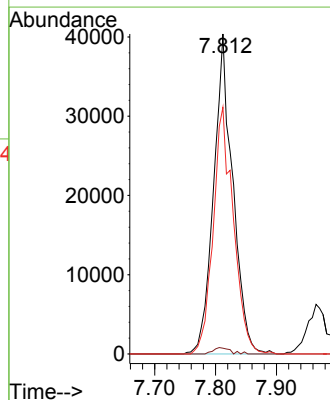
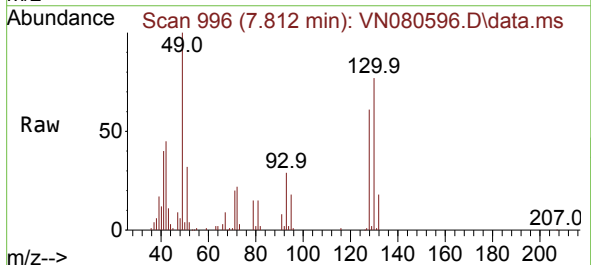
Instrument :
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 ClientSampleId :
 VSTDIC020

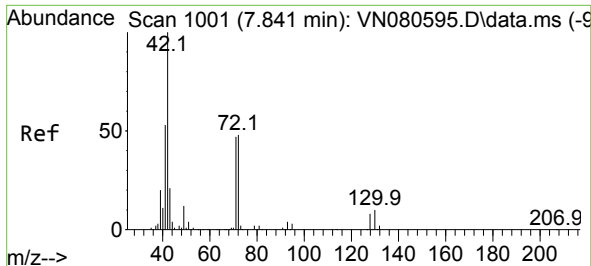
Tgt Ion: 96 Resp: 110419
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 255.2
 98 65.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 18.436 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080596.D
 Acq: 27 Dec 2023 12:12

Tgt Ion: 49 Resp: 88252
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 81.3 75.3 112.9

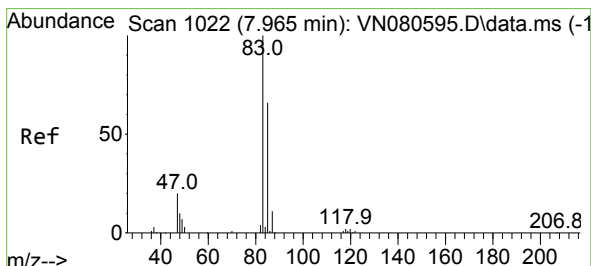
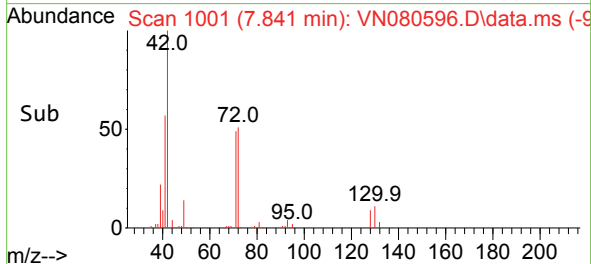
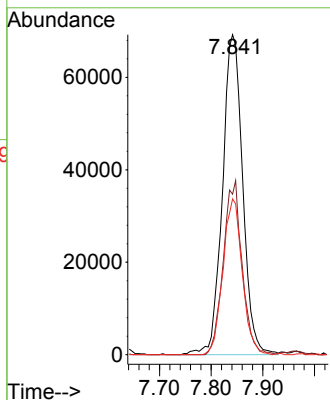
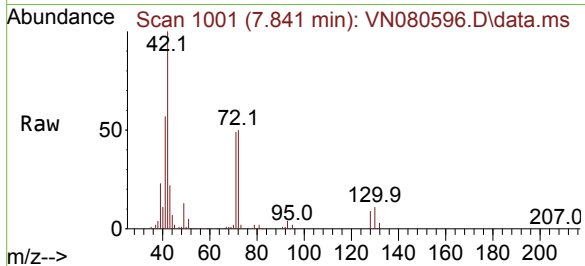




#29
Tetrahydrofuran
Concen: 90.079 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

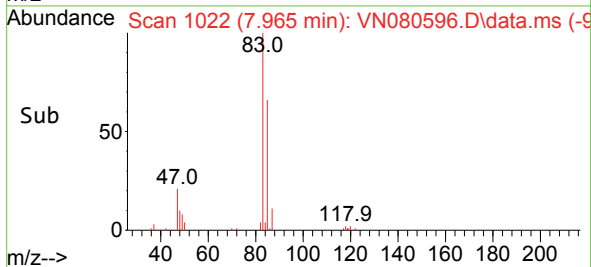
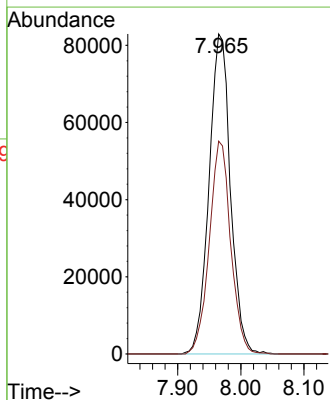
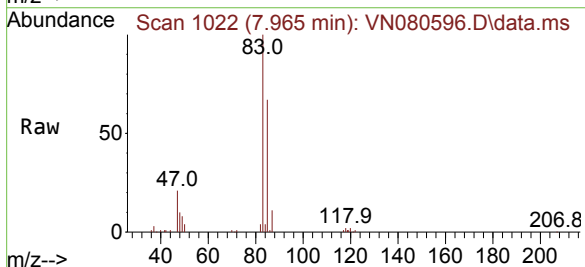
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

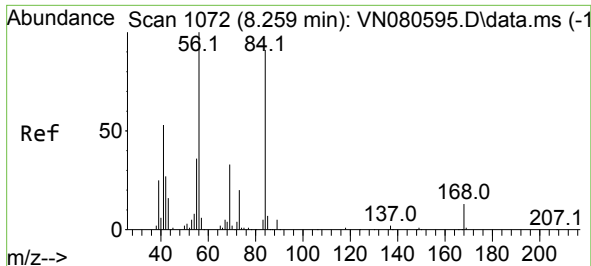
Tgt Ion: 42 Resp: 188690
Ion Ratio Lower Upper
42 100
72 50.4 49.8 74.6
71 46.3 47.4 71.2#



#30
Chloroform
Concen: 18.910 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 83 Resp: 195455
Ion Ratio Lower Upper
83 100
85 66.5 55.4 83.0

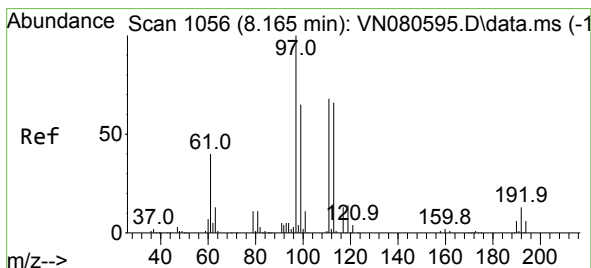
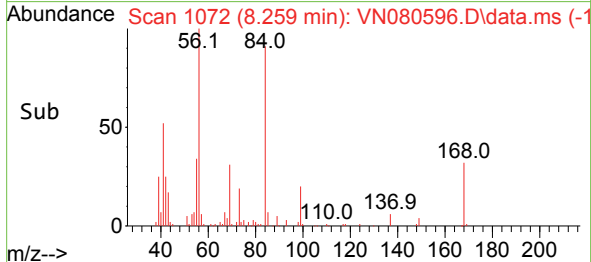
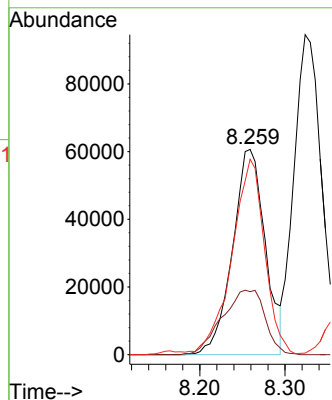
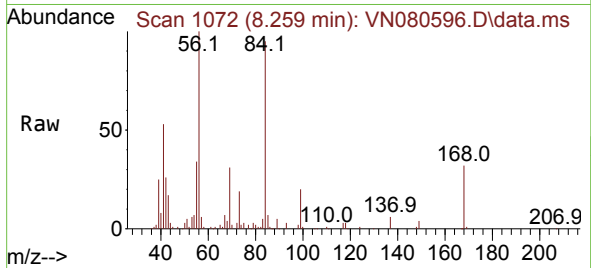




#31
Cyclohexane
Concen: 18.917 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

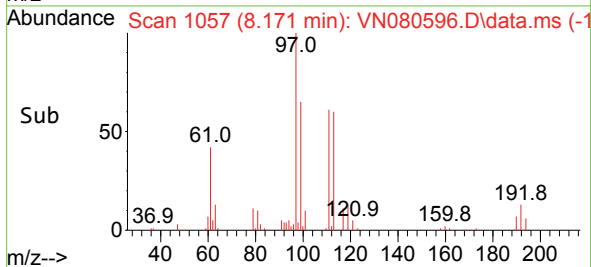
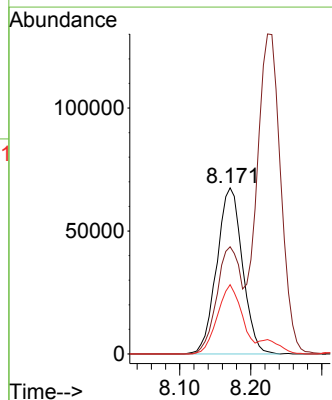
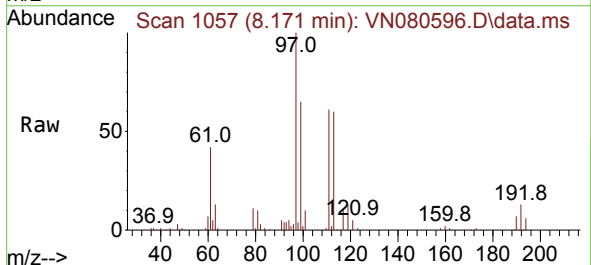
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

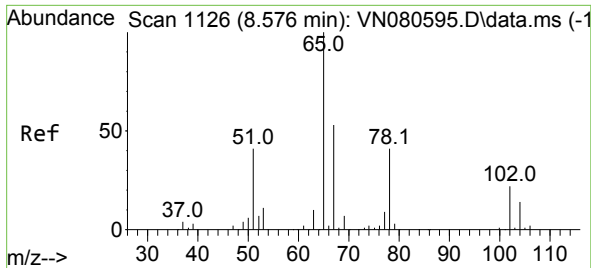
Tgt Ion: 56 Resp: 161808
Ion Ratio Lower Upper
56 100
69 30.7 26.8 40.2
84 93.8 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 18.193 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 97 Resp: 169560
Ion Ratio Lower Upper
97 100
99 59.1 50.3 75.5
61 40.0 34.7 52.1

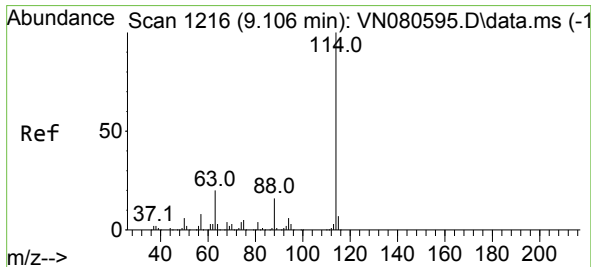
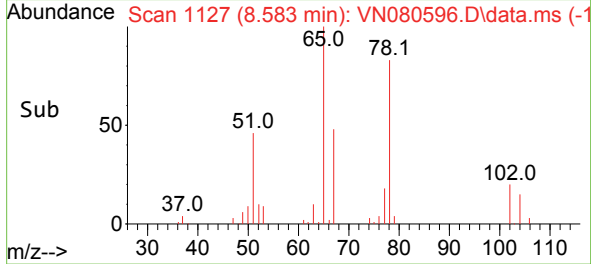
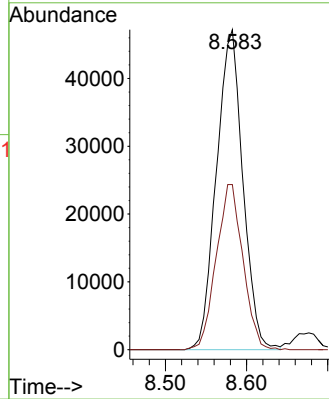
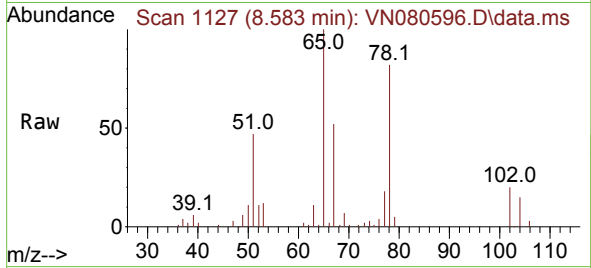




#33
1,2-Dichloroethane-d4
Concen: 16.874 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

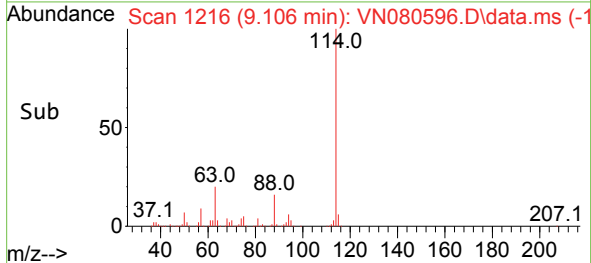
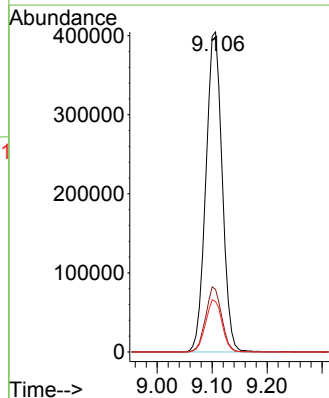
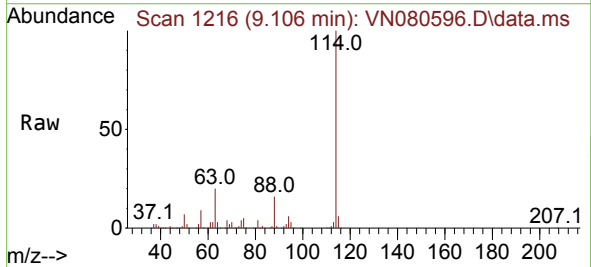
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

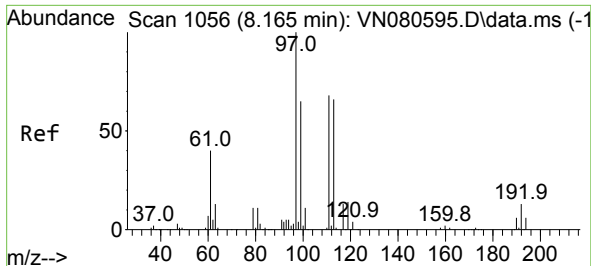
Tgt Ion: 65 Resp: 106673
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 114 Resp: 833356
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.4
88 15.8 0.0 30.6

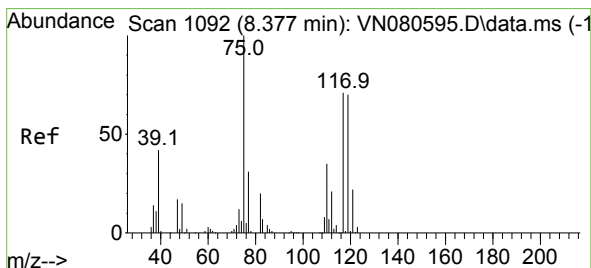
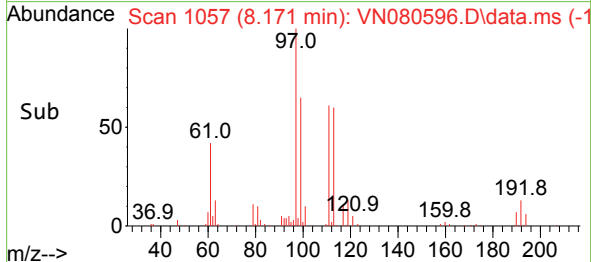
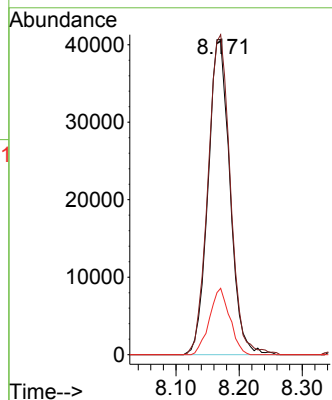
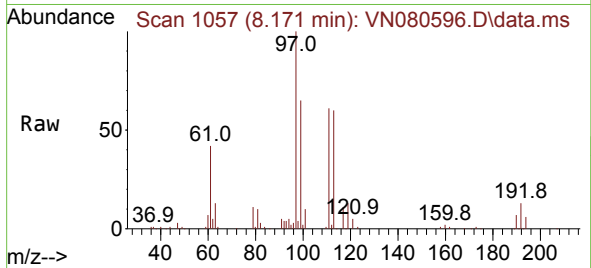




#35
Dibromofluoromethane
Concen: 18.114 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

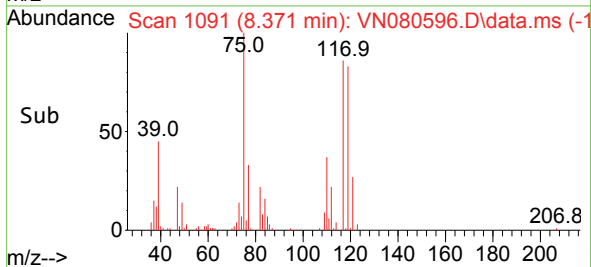
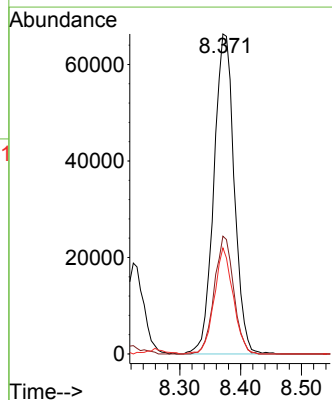
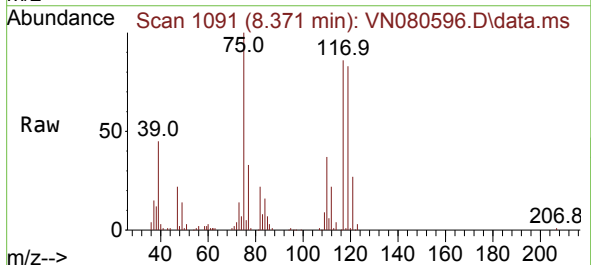
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

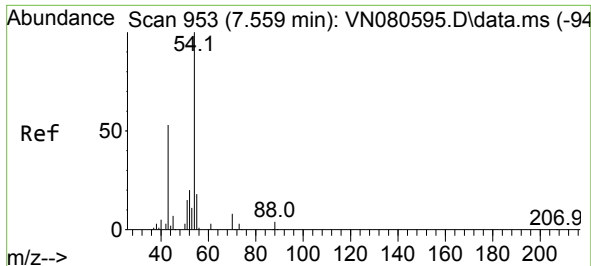
Tgt Ion:113 Resp: 97628
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 19.6 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 18.576 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 75 Resp: 154090
Ion Ratio Lower Upper
75 100
110 35.1 19.1 57.3
77 30.9 25.0 37.4

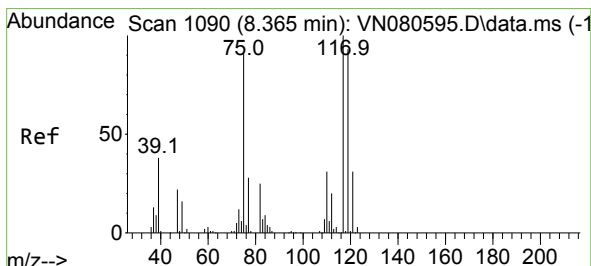
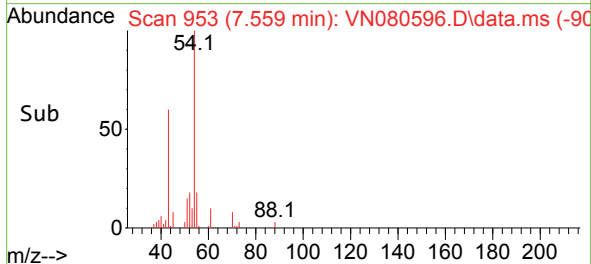
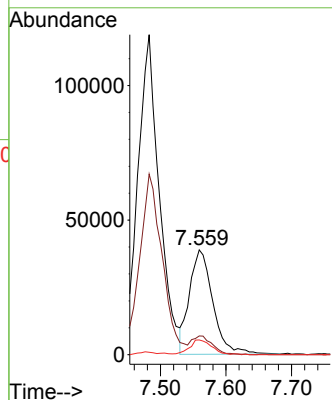
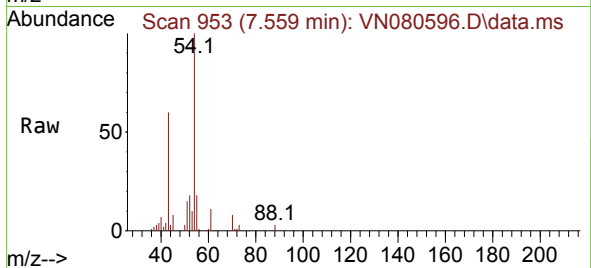




#37
Ethyl Acetate
Concen: 15.386 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

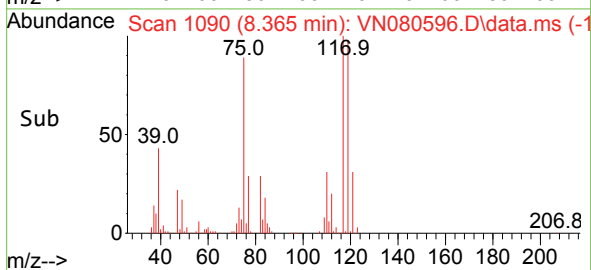
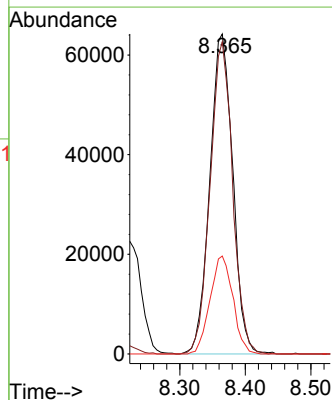
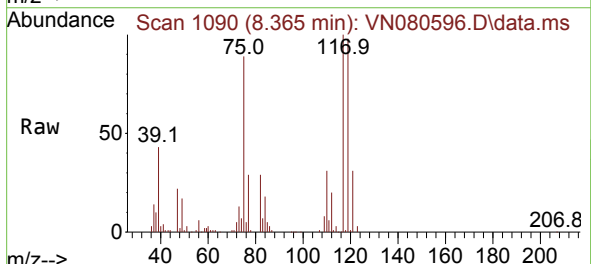
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

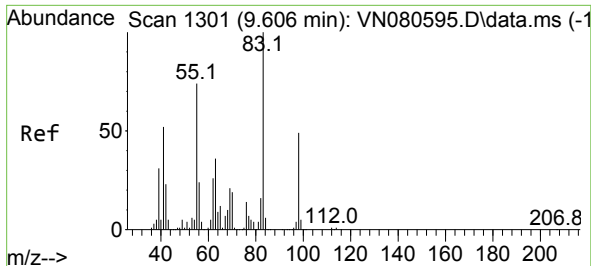
Tgt Ion: 43 Resp: 96300
Ion Ratio Lower Upper
43 100
61 15.8 13.2 19.8
70 13.6 11.3 16.9



#38
Carbon Tetrachloride
Concen: 18.395 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 117 Resp: 156102
Ion Ratio Lower Upper
117 100
119 97.5 77.3 115.9
121 30.6 23.3 34.9





#39

Methylcyclohexane

Concen: 20.945 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

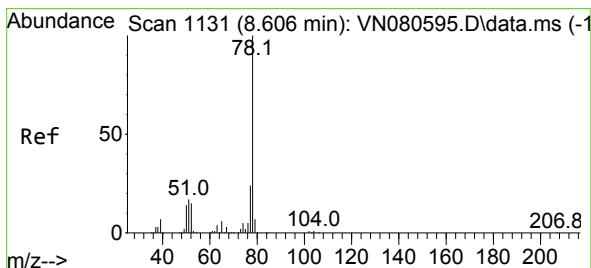
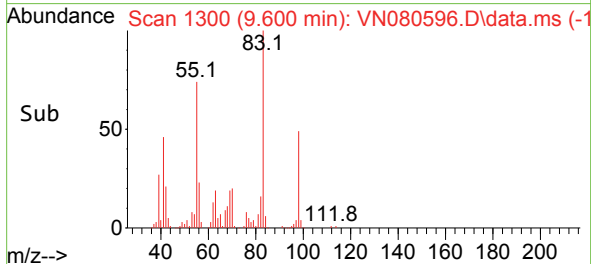
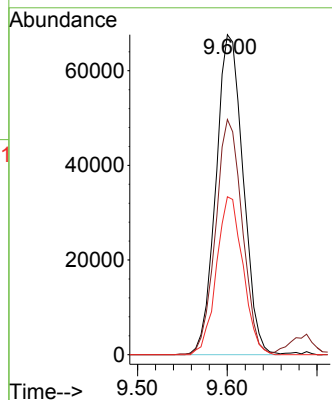
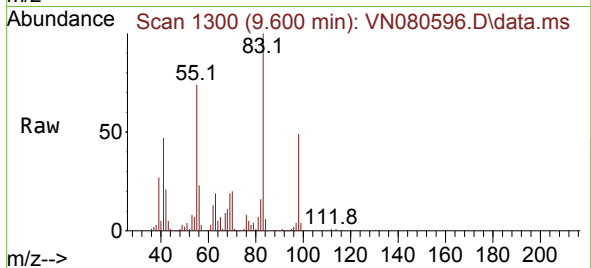
Tgt Ion: 83 Resp: 142504

Ion Ratio Lower Upper

83 100

55 73.3 49.1 73.7

98 49.4 40.6 61.0



#40

Benzene

Concen: 15.088 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080596.D

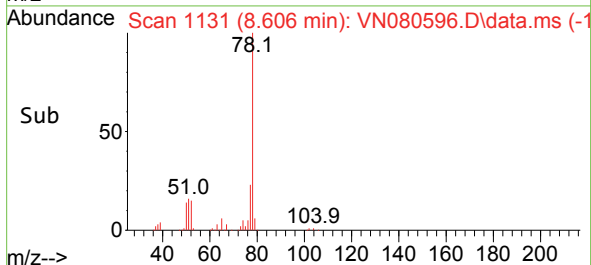
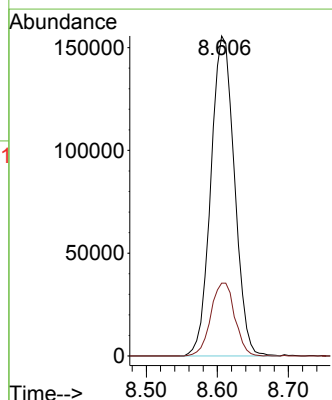
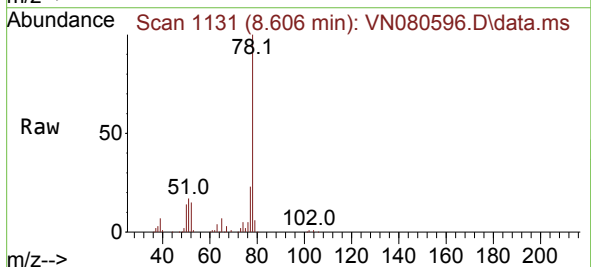
Acq: 27 Dec 2023 12:12

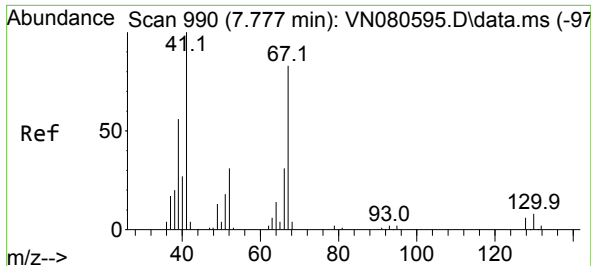
Tgt Ion: 78 Resp: 358630

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.6

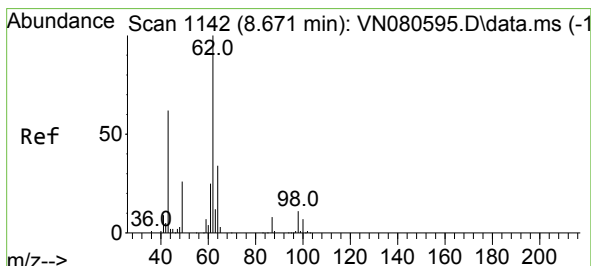
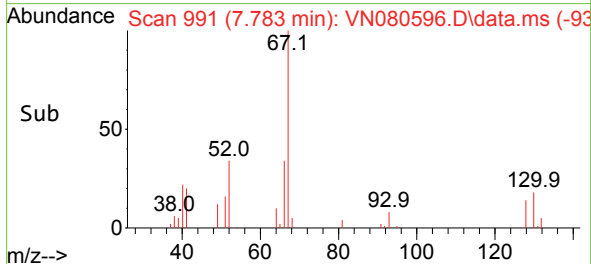
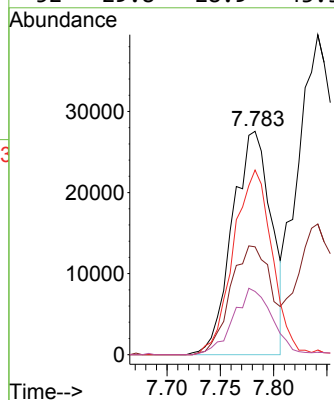
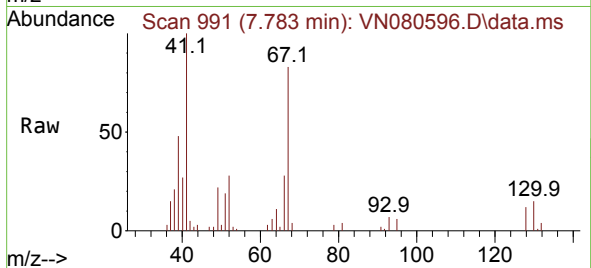




#41
Methacrylonitrile
Concen: 18.358 ug/l
RT: 7.783 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

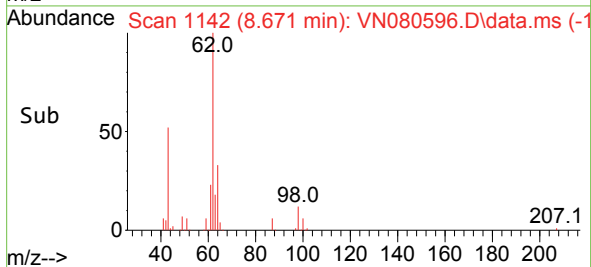
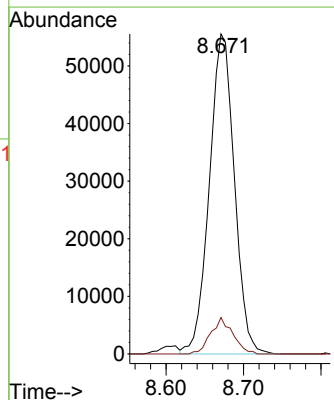
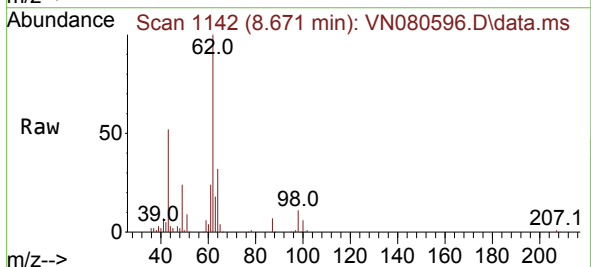
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

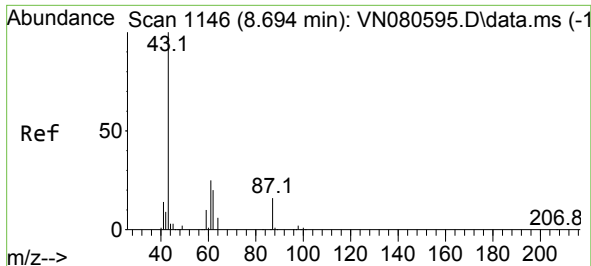
Tgt Ion:	41	Resp:	69988
Ion	Ratio	Lower	Upper
41	100		
39	51.2	42.6	64.0
67	83.0	77.5	116.3
52	29.8	28.9	43.3



#42
1,2-Dichloroethane
Concen: 16.205 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion:	62	Resp:	124547
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8

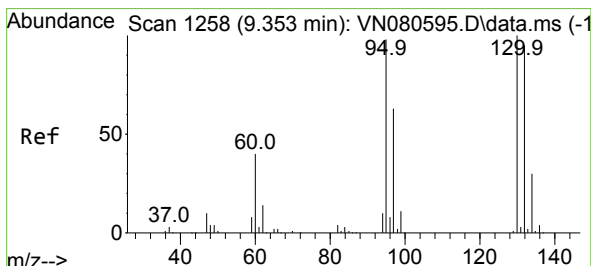
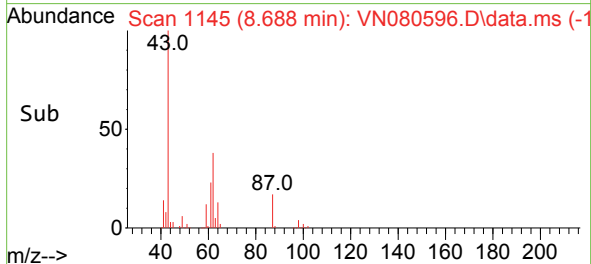
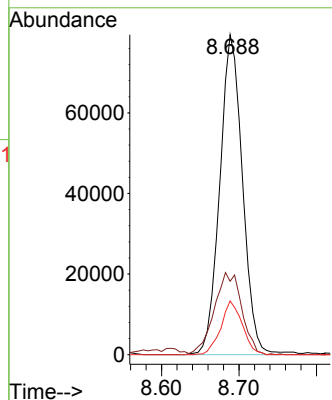
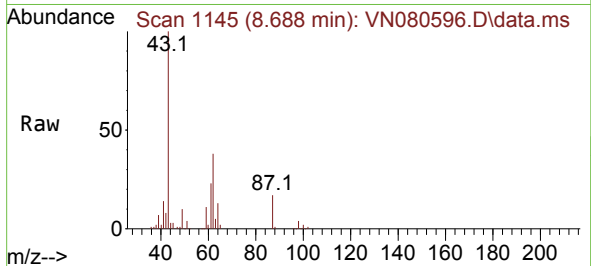




#43
Isopropyl Acetate
Concen: 15.928 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

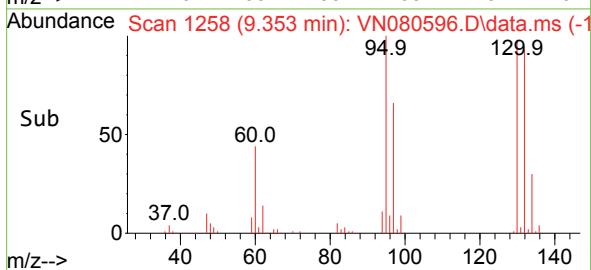
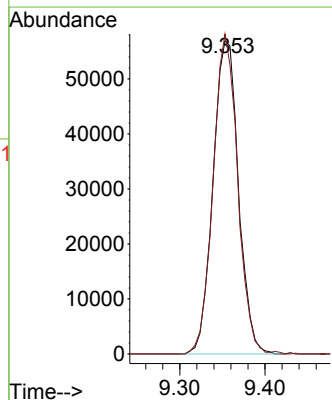
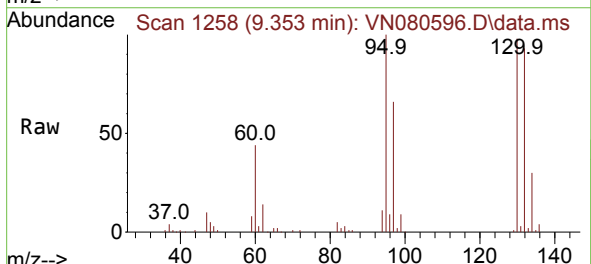
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

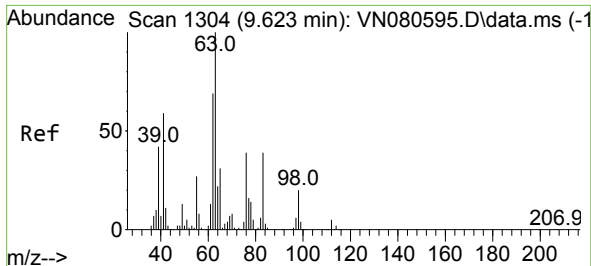
Tgt Ion: 43 Resp: 161595
Ion Ratio Lower Upper
43 100
61 31.3 24.7 37.1
87 15.9 14.6 21.8



#44
Trichloroethene
Concen: 19.084 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion:130 Resp: 118167
Ion Ratio Lower Upper
130 100
95 102.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.086 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

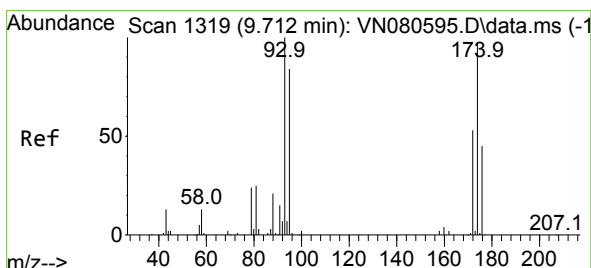
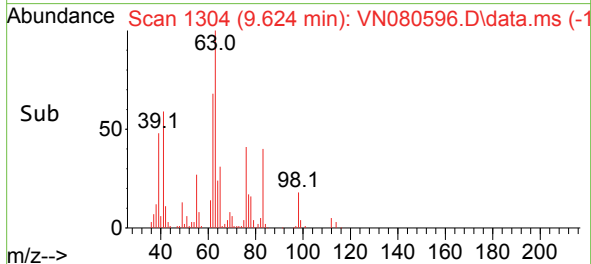
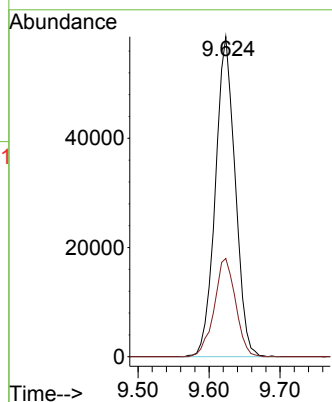
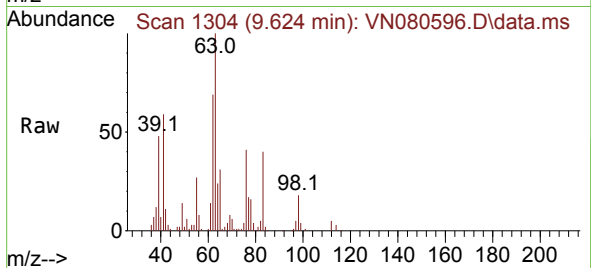
VSTDICC020

Tgt Ion: 63 Resp: 113232

Ion Ratio Lower Upper

63 100

65 30.7 23.9 35.9



#46

Dibromomethane

Concen: 18.275 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

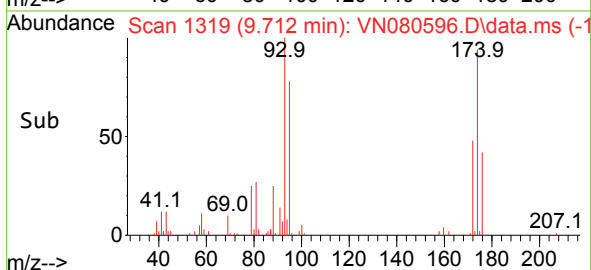
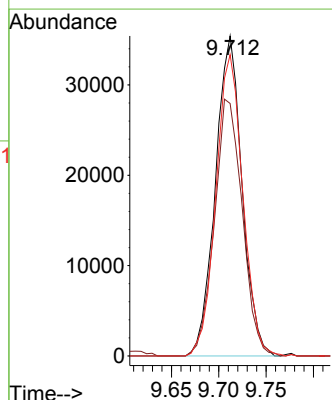
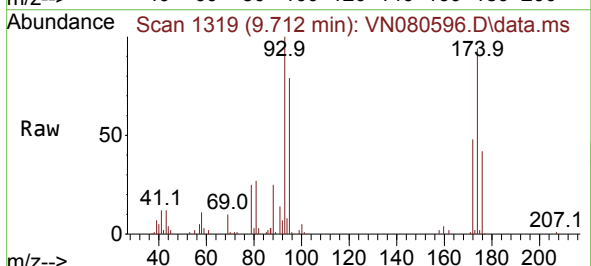
Tgt Ion: 93 Resp: 69317

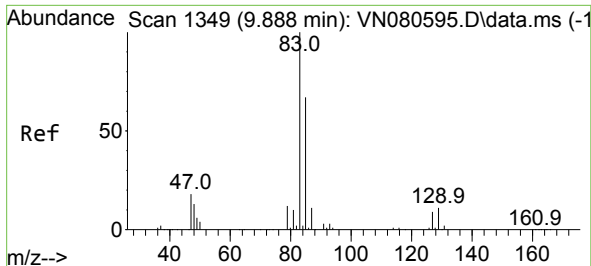
Ion Ratio Lower Upper

93 100

95 83.8 63.8 95.8

174 95.1 65.6 98.4





#47

Bromodichloromethane

Concen: 18.022 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

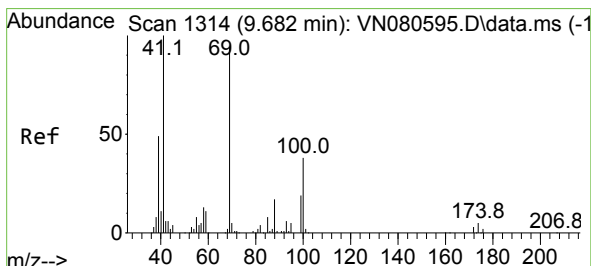
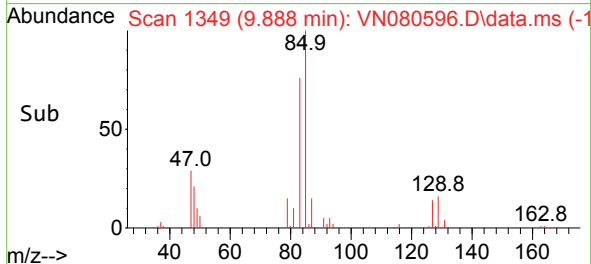
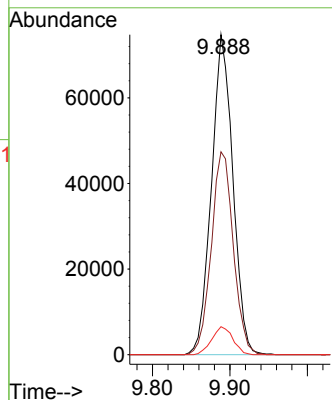
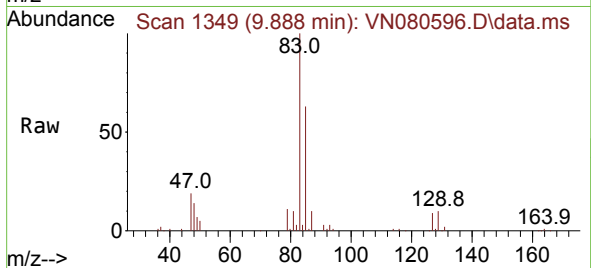
Tgt Ion: 83 Resp: 143287

Ion Ratio Lower Upper

83 100

85 63.4 49.6 74.4

127 8.8 7.0 10.6



#48

Methyl methacrylate

Concen: 19.230 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

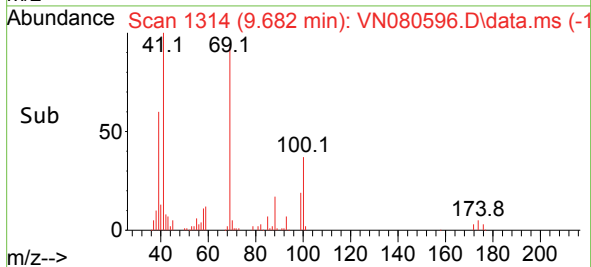
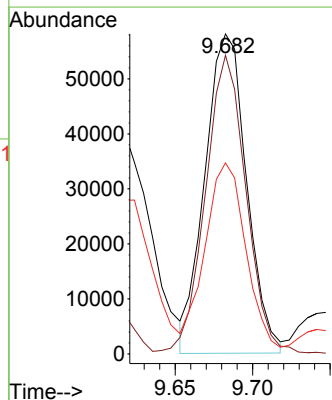
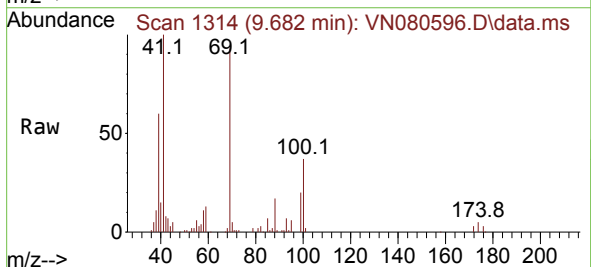
Tgt Ion: 41 Resp: 108321

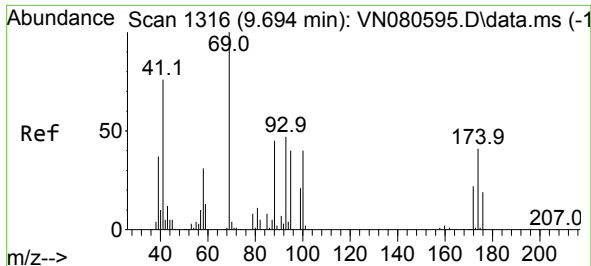
Ion Ratio Lower Upper

41 100

69 91.6 90.4 135.6

39 59.8 54.6 81.8

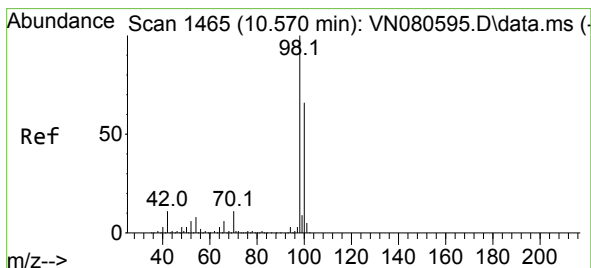
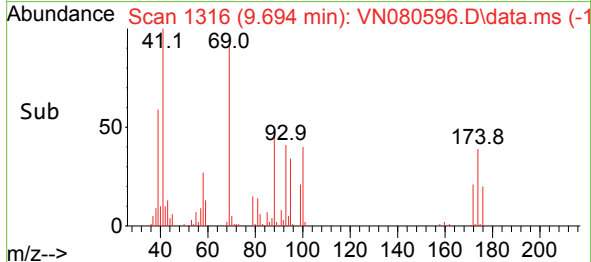
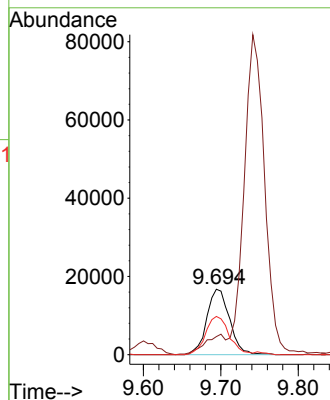
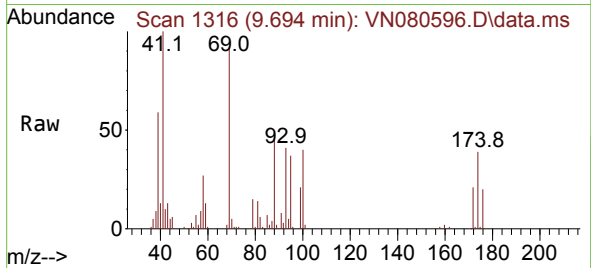




#49
1,4-Dioxane
Concen: 380.050 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

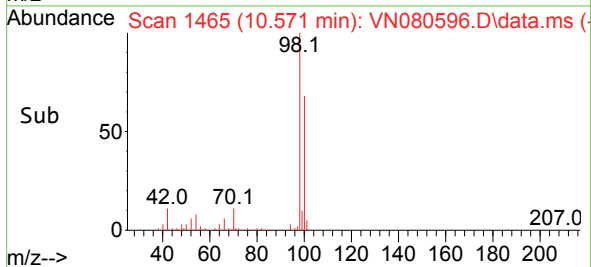
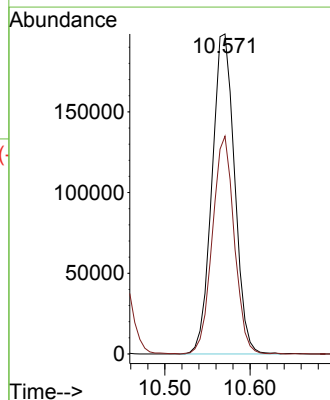
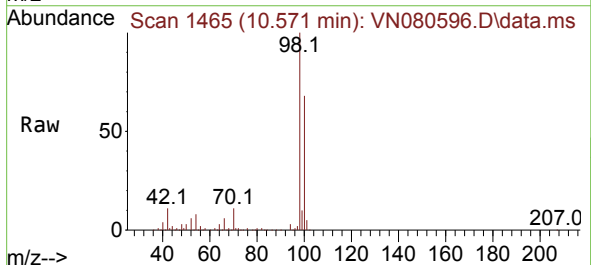
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

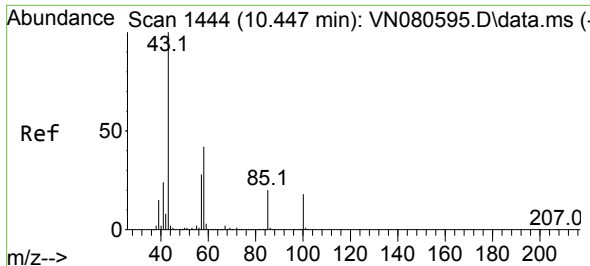
Tgt Ion: 88 Resp: 34218
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 60.5 47.0 70.4



#50
Toluene-d8
Concen: 19.399 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 98 Resp: 365066
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

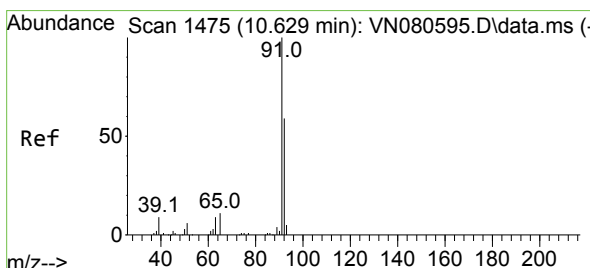
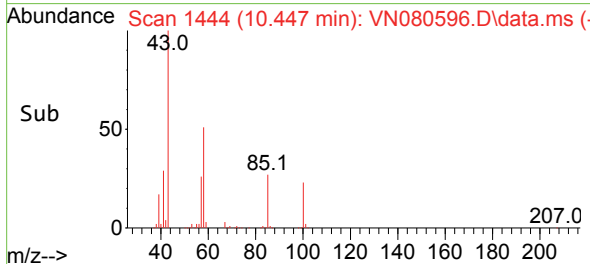
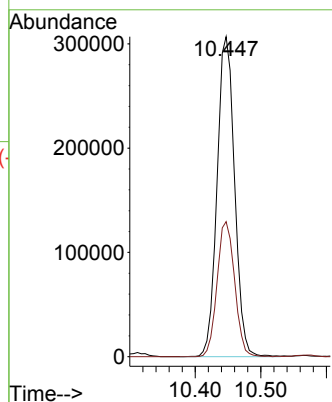
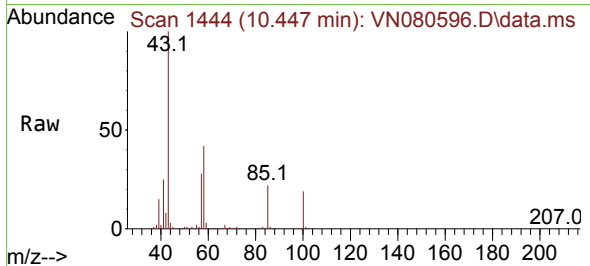




#51
4-Methyl-2-Pentanone
Concen: 98.344 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

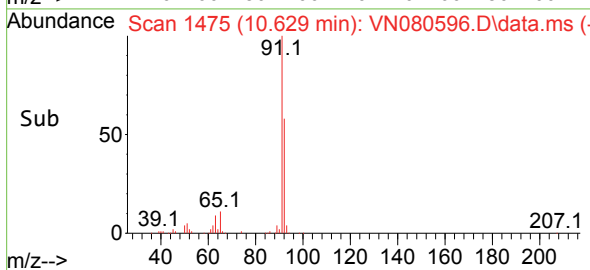
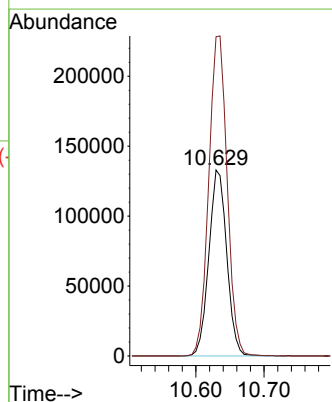
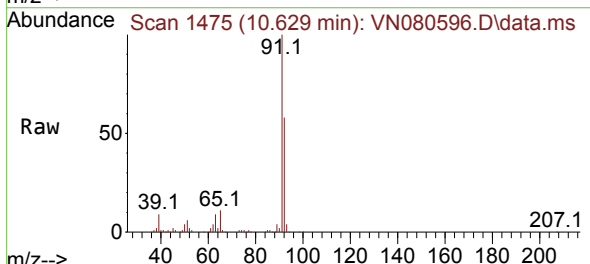
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

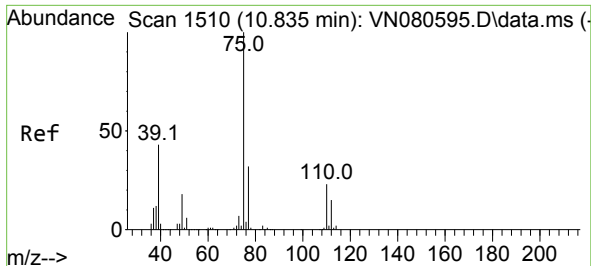
Tgt Ion: 43 Resp: 567459
Ion Ratio Lower Upper
43 100
58 42.3 36.6 54.8



#52
Toluene
Concen: 18.403 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 92 Resp: 242723
Ion Ratio Lower Upper
92 100
91 177.0 137.4 206.0

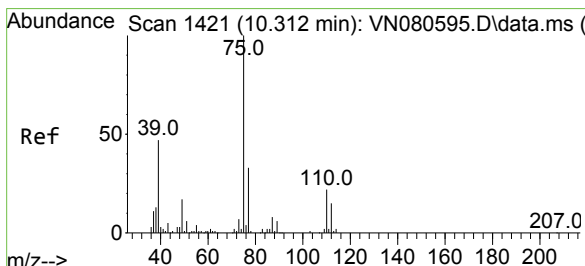
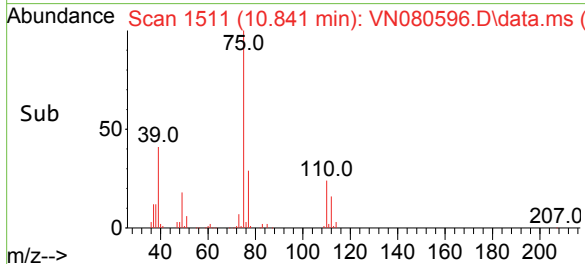
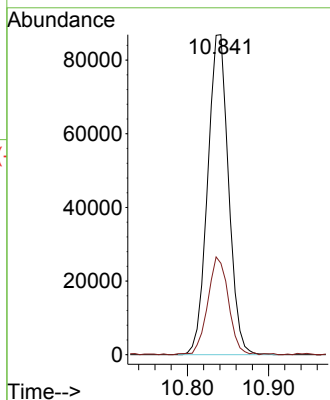
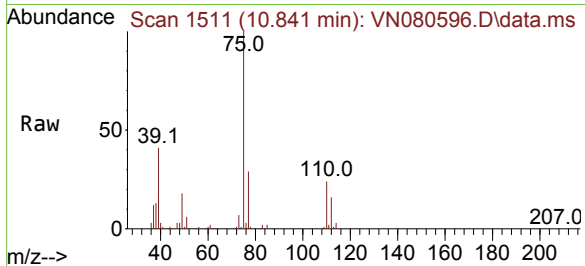




#53
 t-1,3-Dichloropropene
 Concen: 19.356 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN080596.D
 Acq: 27 Dec 2023 12:12

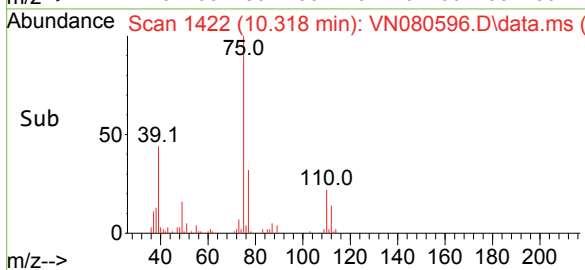
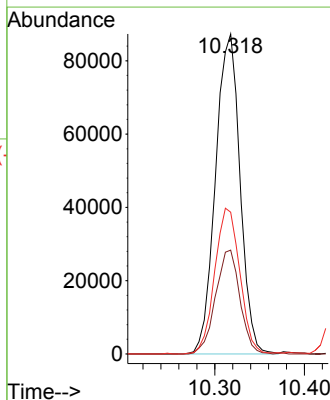
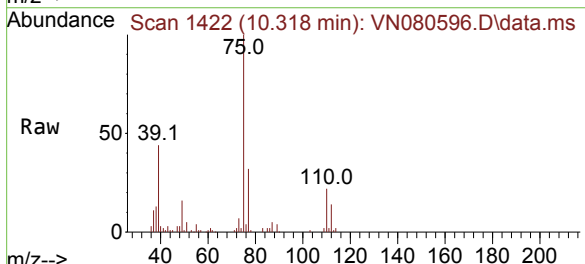
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

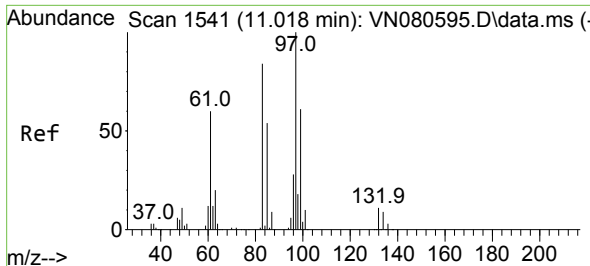
Tgt Ion: 75 Resp: 155147
 Ion Ratio Lower Upper
 75 100
 77 28.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.444 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN080596.D
 Acq: 27 Dec 2023 12:12

Tgt Ion: 75 Resp: 165458
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.1 39.1
 39 44.3 31.6 47.4



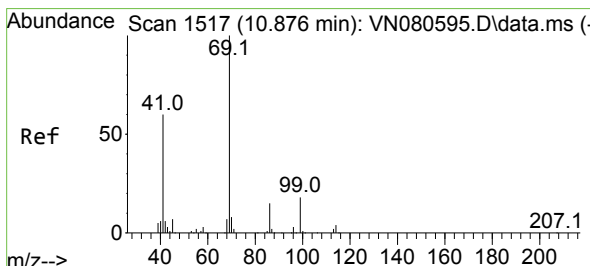
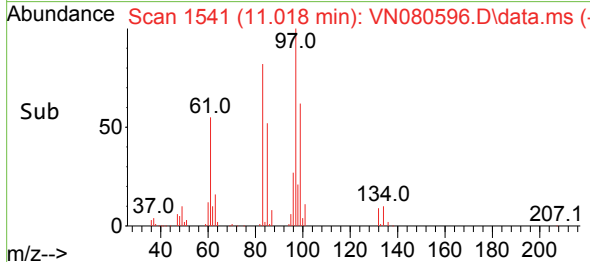
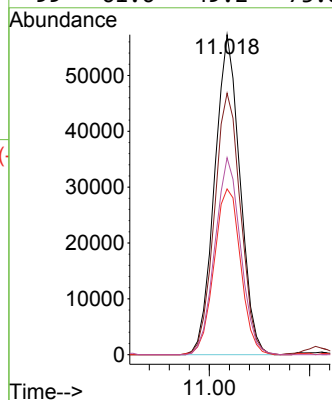
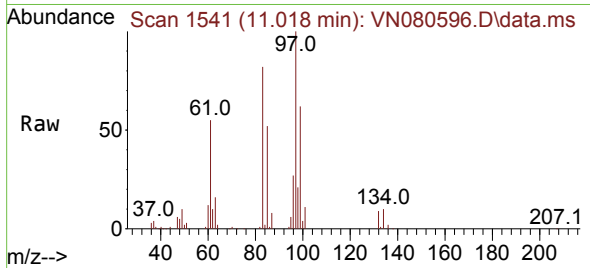


#55
 1,1,2-Trichloroethane
 Concen: 19.239 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN080596.D
 Acq: 27 Dec 2023 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 97 Resp: 100649

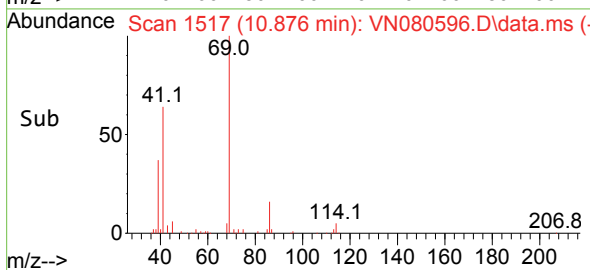
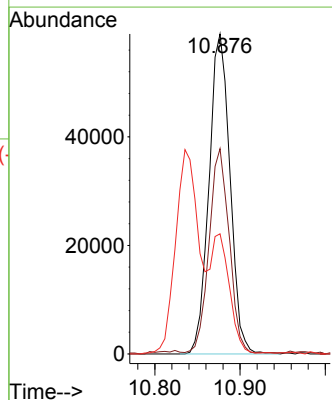
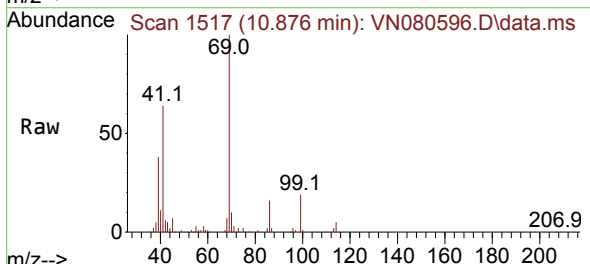
Ion	Ratio	Lower	Upper
97	100		
83	81.7	65.1	97.7
85	51.8	43.4	65.2
99	61.6	49.2	73.8

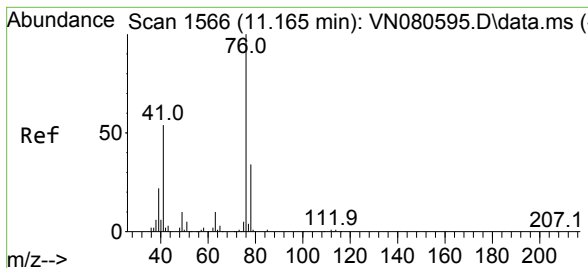


#56
 Ethyl methacrylate
 Concen: 19.696 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: VN080596.D
 Acq: 27 Dec 2023 12:12

Tgt Ion: 69 Resp: 100931

Ion	Ratio	Lower	Upper
69	100		
41	60.9	39.6	59.4#
39	33.9	28.6	43.0

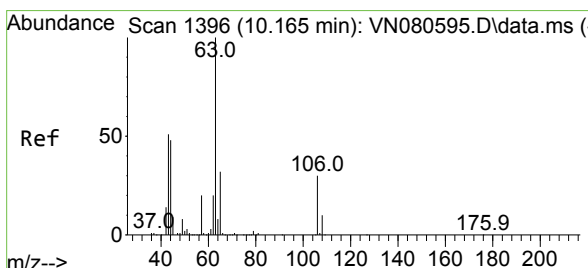
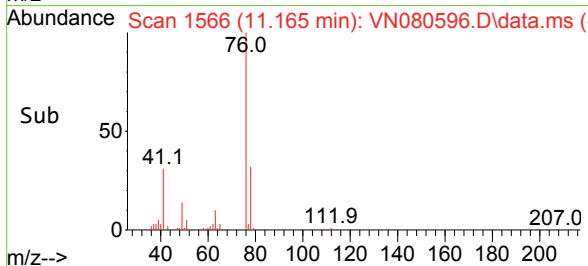
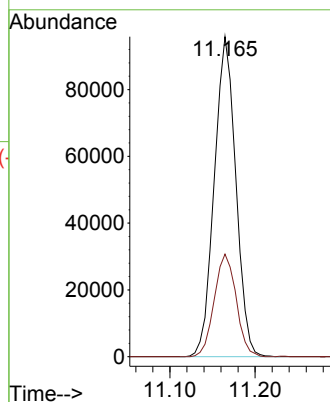
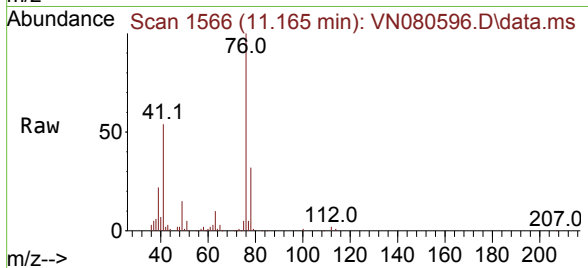




#57
1,3-Dichloropropane
Concen: 18.976 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

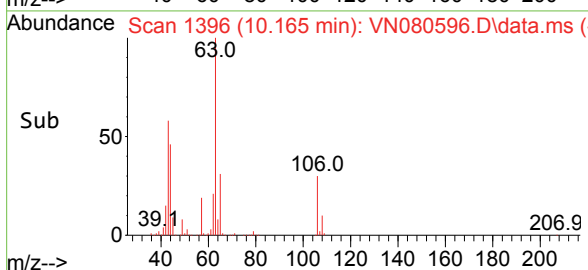
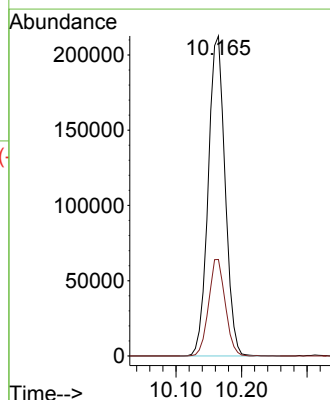
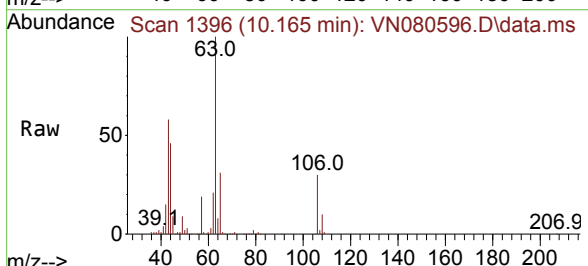
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

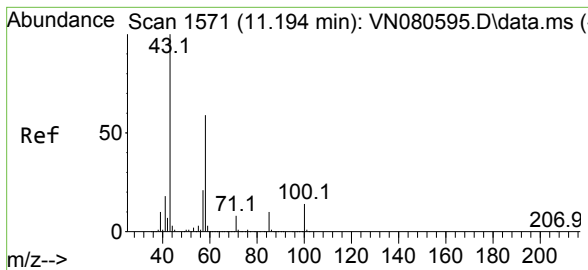
Tgt Ion: 76 Resp: 168201
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 105.023 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 63 Resp: 380057
Ion Ratio Lower Upper
63 100
106 29.8 26.2 39.4

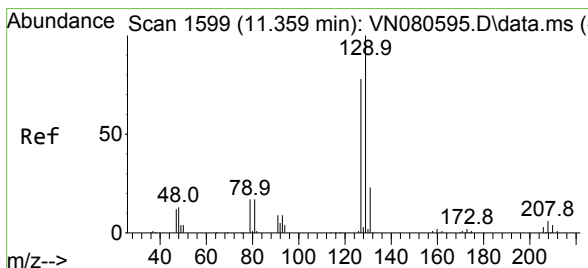
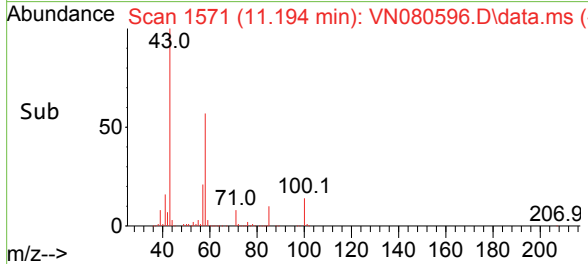
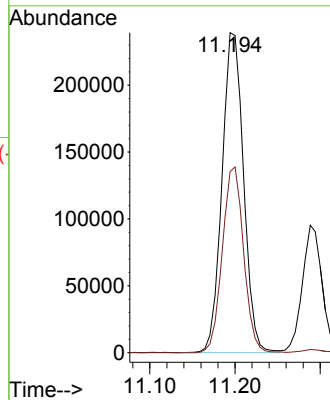
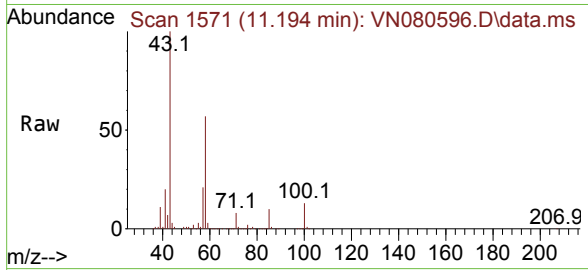




#59
2-Hexanone
Concen: 96.742 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

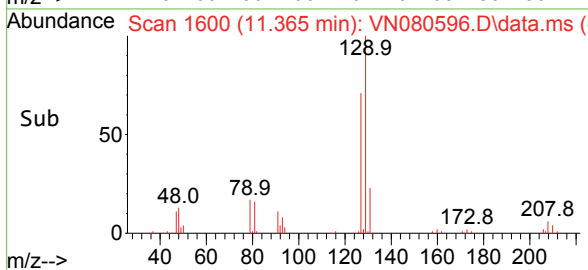
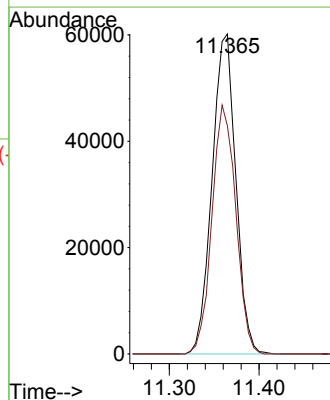
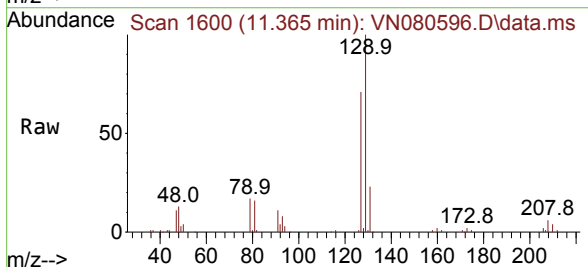
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

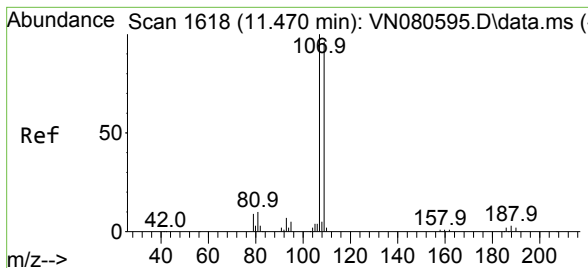
Tgt Ion: 43 Resp: 420729
Ion Ratio Lower Upper
43 100
58 57.2 31.7 95.1



#60
Dibromochloromethane
Concen: 18.996 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 129 Resp: 110663
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0

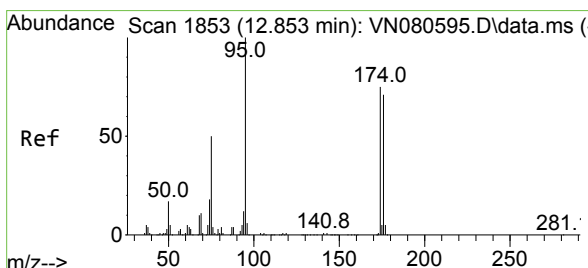
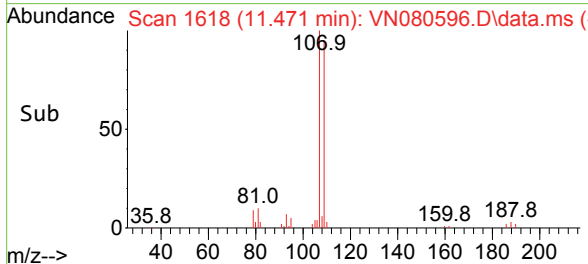
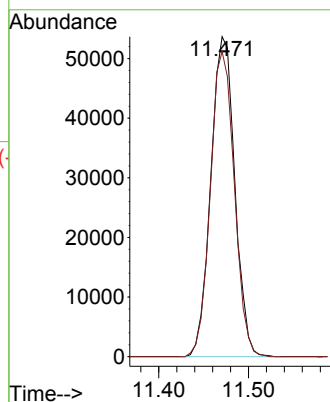
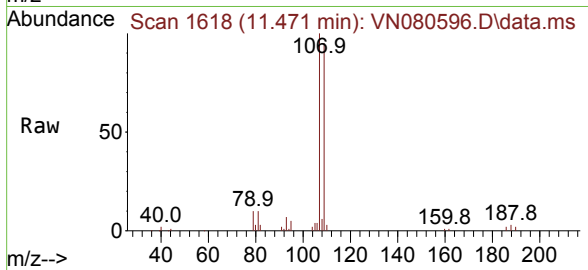




#61
1,2-Dibromoethane
Concen: 18.872 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

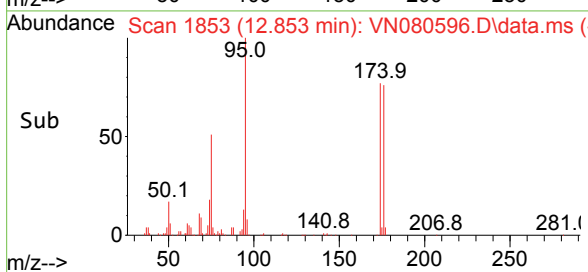
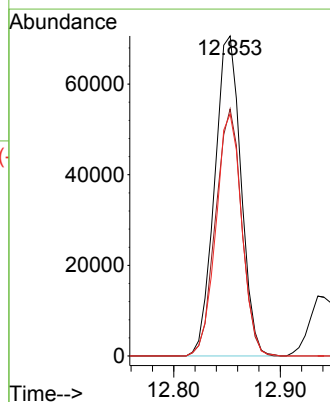
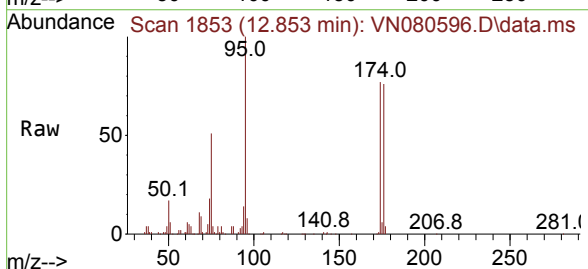
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

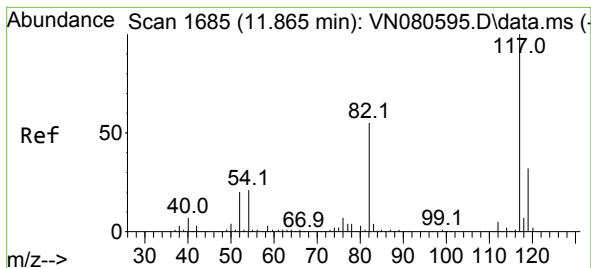
Tgt Ion:107 Resp: 99548
Ion Ratio Lower Upper
107 100
109 95.0 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 19.163 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 95 Resp: 121363
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 74.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

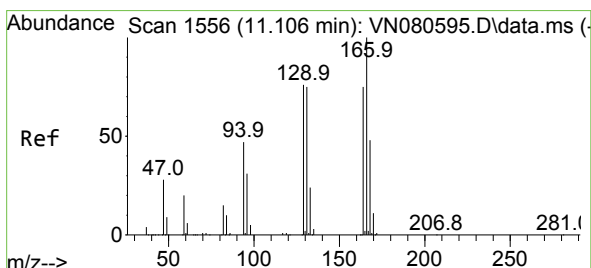
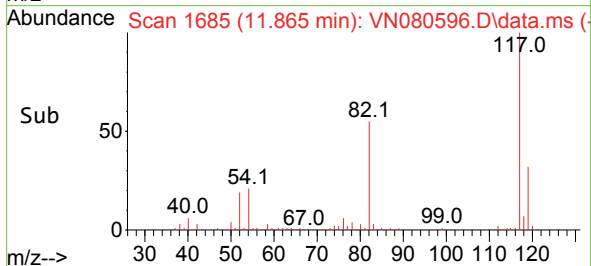
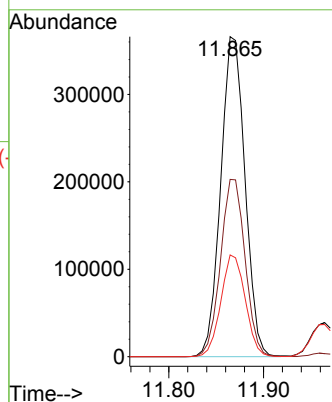
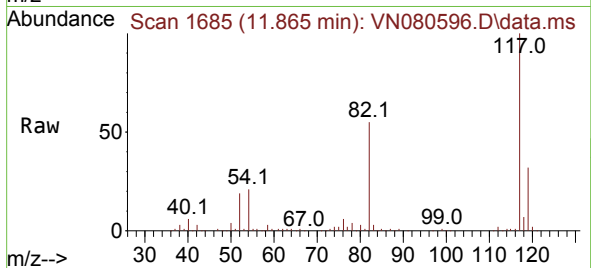
Tgt Ion:117 Resp: 652546

Ion Ratio Lower Upper

117 100

82 55.4 44.0 66.0

119 31.8 25.6 38.4



#64

Tetrachloroethene

Concen: 19.641 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

Tgt Ion:164 Resp: 85640

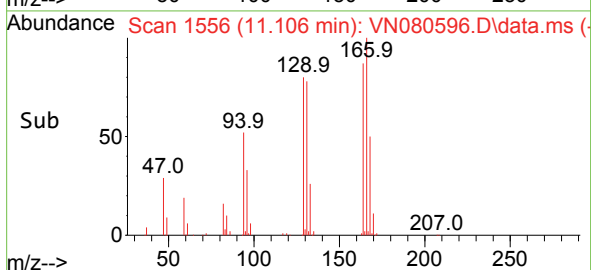
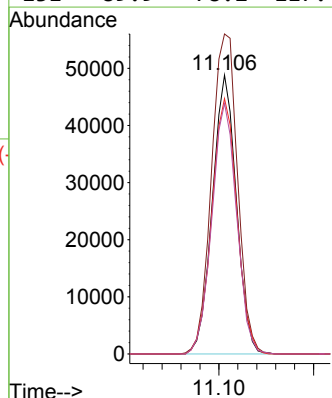
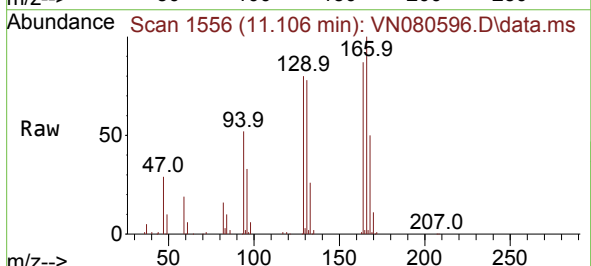
Ion Ratio Lower Upper

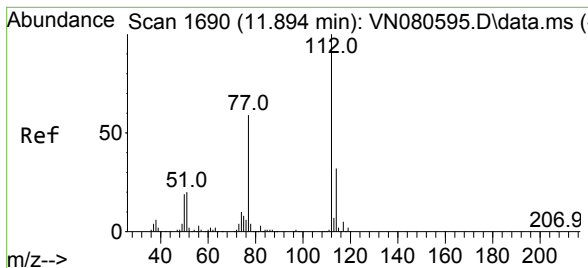
164 100

166 114.8 101.4 152.0

129 91.6 82.4 123.6

131 89.9 78.2 117.4

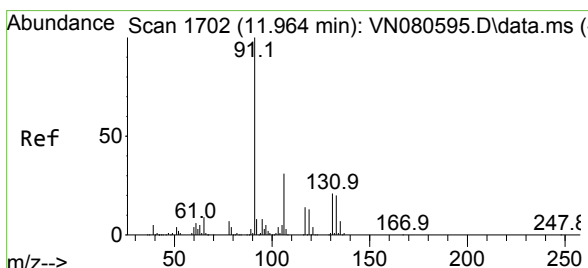
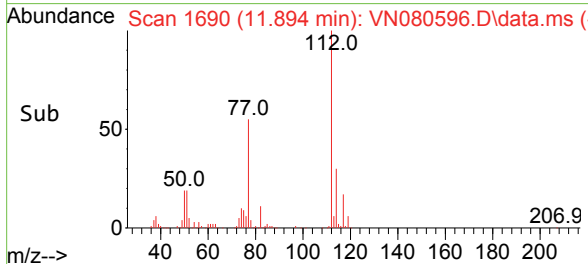
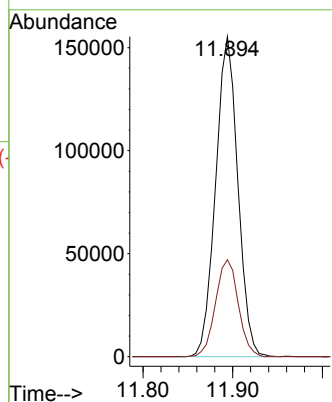
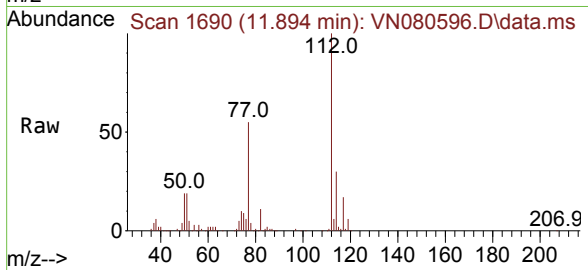




#65
Chlorobenzene
Concen: 19.648 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

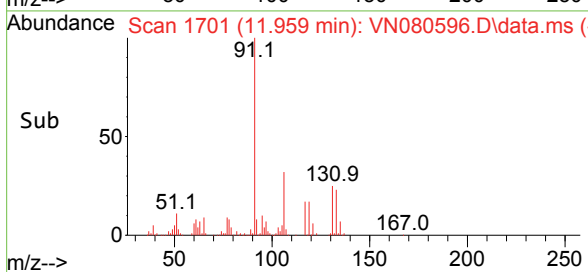
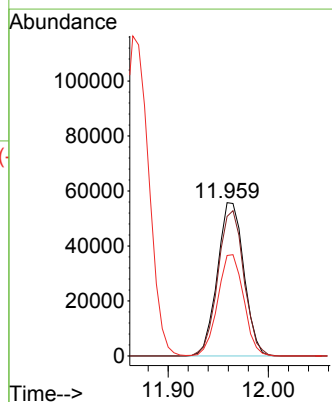
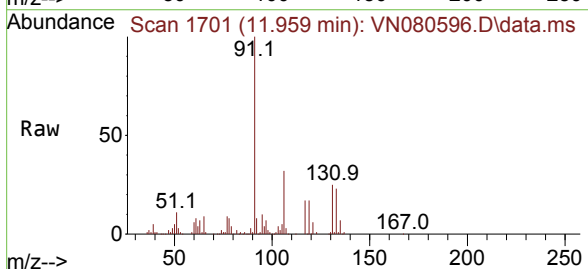
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

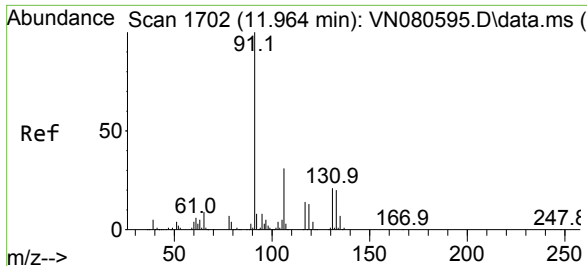
Tgt Ion:112 Resp: 266720
Ion Ratio Lower Upper
112 100
114 30.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.608 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion:131 Resp: 102390
Ion Ratio Lower Upper
131 100
133 93.4 46.4 139.1
119 64.6 34.1 102.2

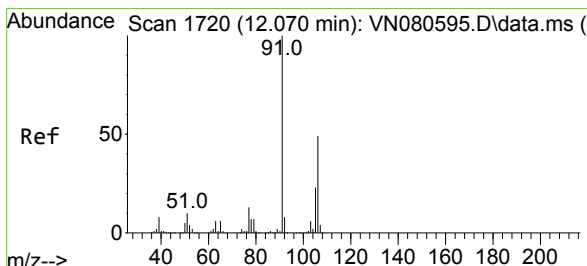
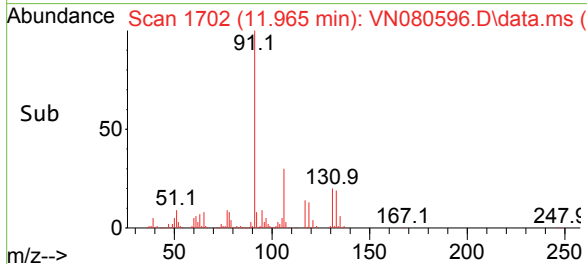
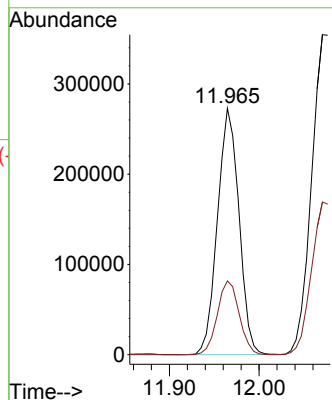
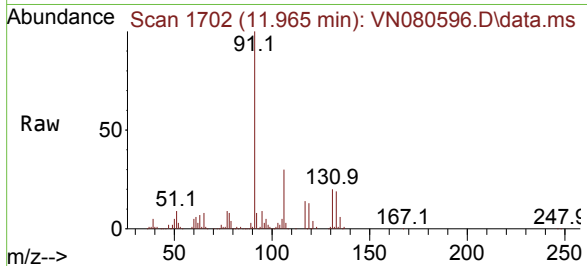




#67
Ethyl Benzene
Concen: 20.013 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

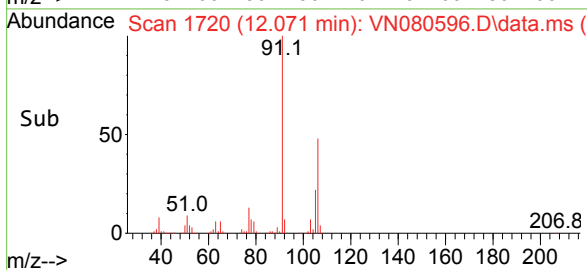
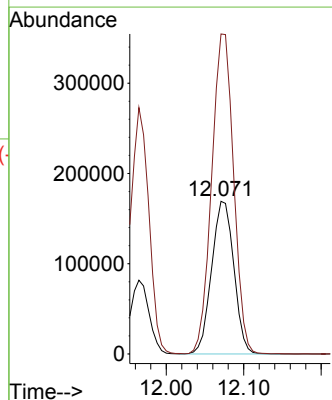
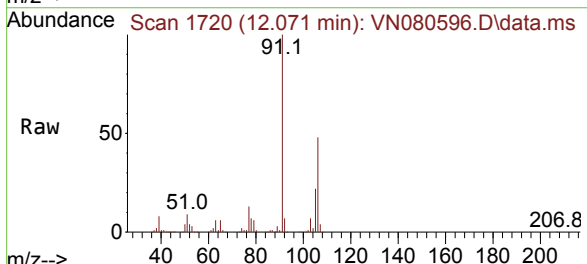
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

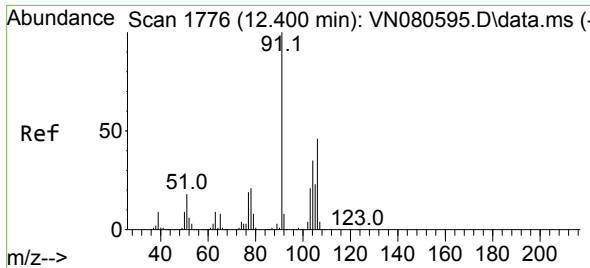
Tgt Ion: 91 Resp: 454194
Ion Ratio Lower Upper
91 100
106 29.9 25.6 38.4



#68
m/p-Xylenes
Concen: 40.063 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 106 Resp: 337363
Ion Ratio Lower Upper
106 100
91 207.3 159.6 239.4

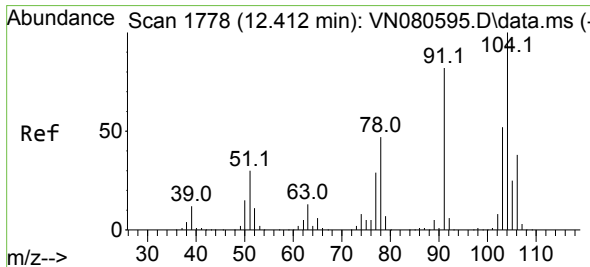
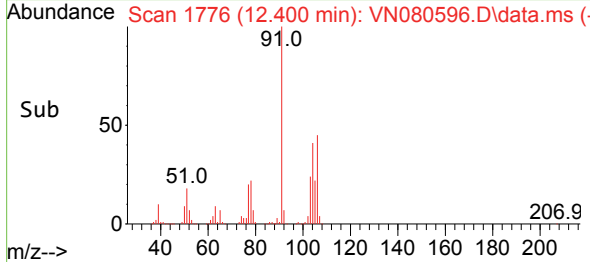
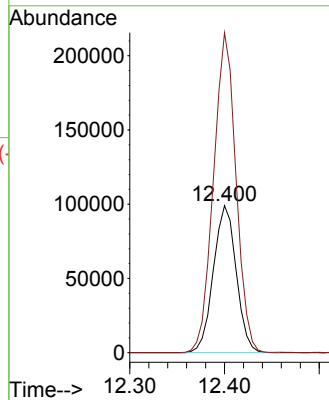
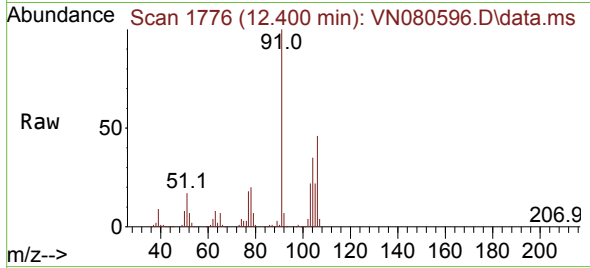




#69
o-Xylene
Concen: 20.055 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

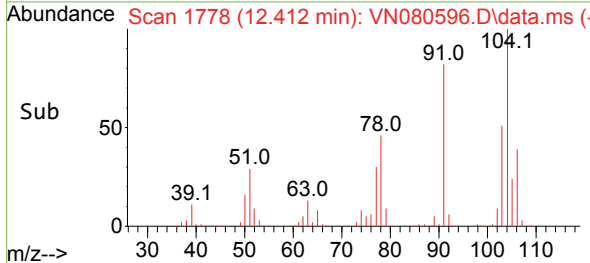
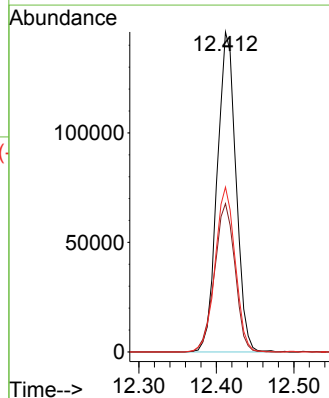
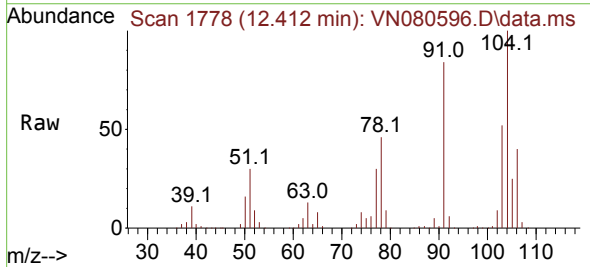
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

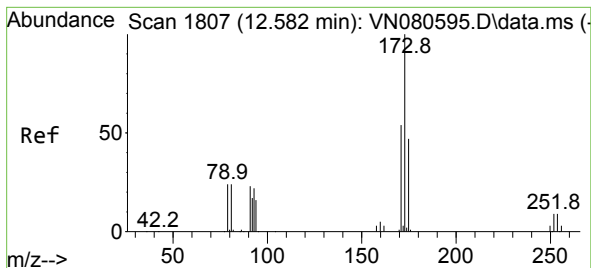
Tgt Ion:106 Resp: 165861
Ion Ratio Lower Upper
106 100
91 214.5 105.2 315.5



#70
Styrene
Concen: 20.486 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion:104 Resp: 246383
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 54.9 43.2 64.8





#71

Bromoform

Concen: 18.969 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

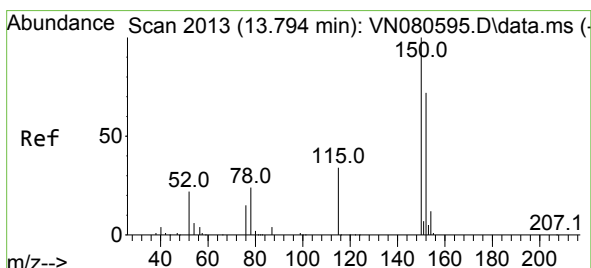
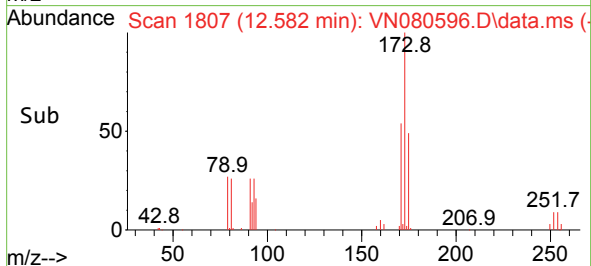
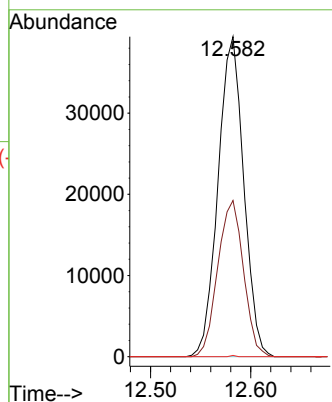
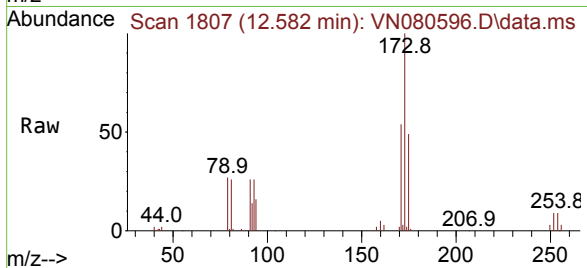
Tgt Ion:173 Resp: 70068

Ion Ratio Lower Upper

173 100

175 48.9 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: VN080596.D

Acq: 27 Dec 2023 12:12

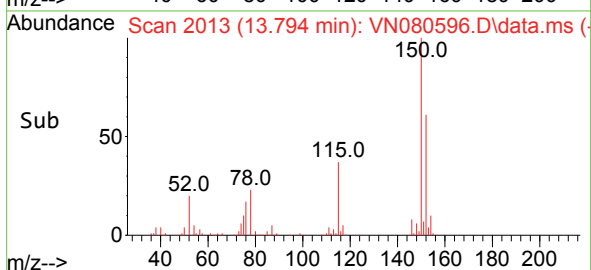
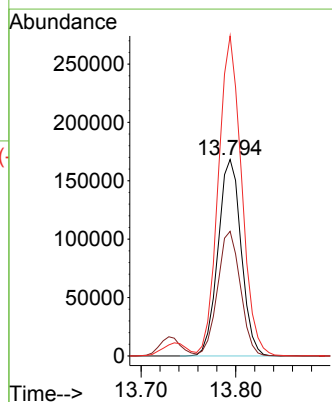
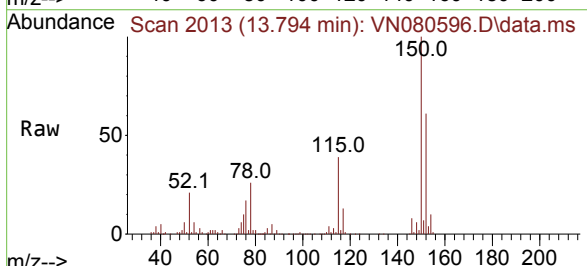
Tgt Ion:152 Resp: 285685

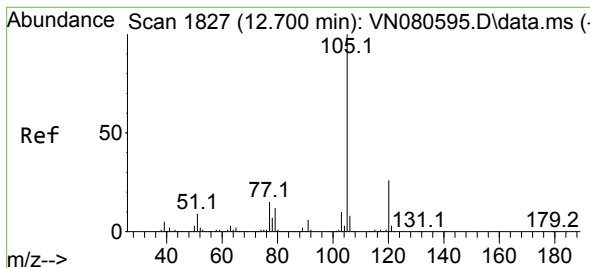
Ion Ratio Lower Upper

152 100

115 62.5 32.3 96.8

150 163.9 0.0 355.8





#73

Isopropylbenzene

Concen: 20.867 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

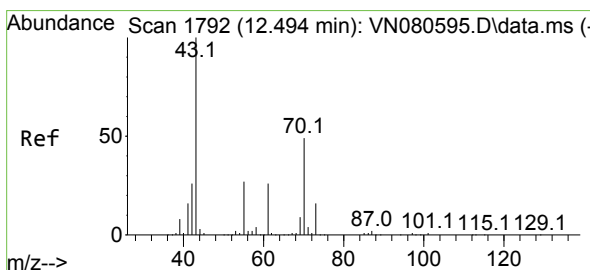
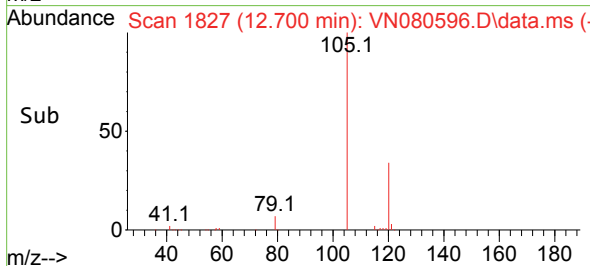
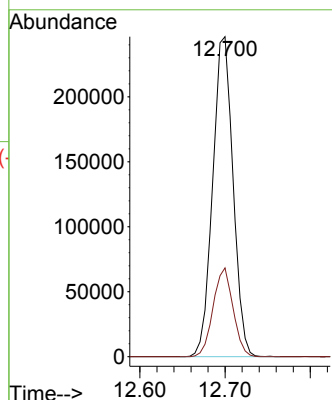
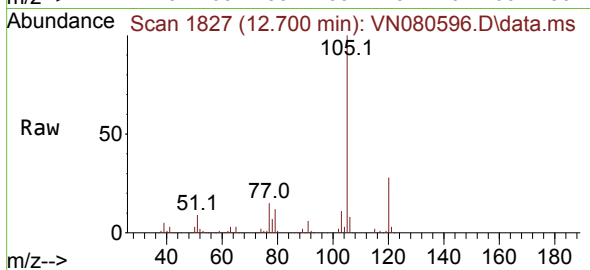
VSTDIC020

Tgt Ion:105 Resp: 408009

Ion Ratio Lower Upper

105 100

120 27.1 13.1 39.1



#74

N-ethyl acetate

Concen: 21.918 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

Tgt Ion: 43 Resp: 151196

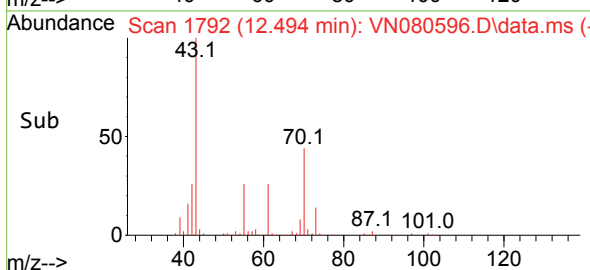
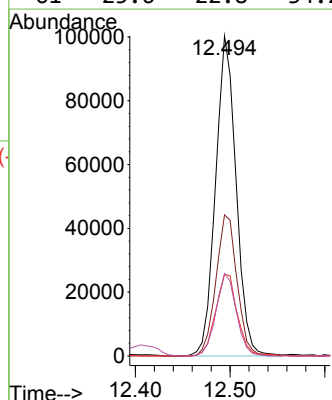
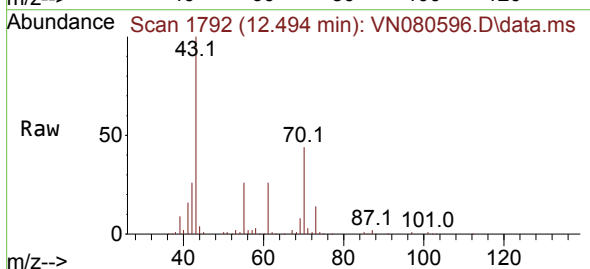
Ion Ratio Lower Upper

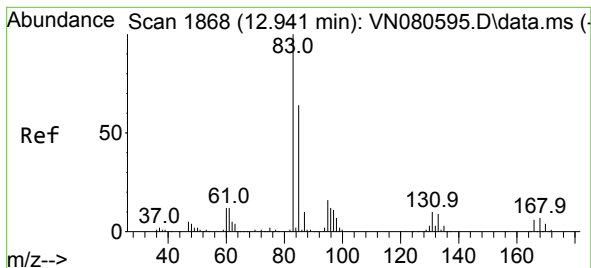
43 100

70 45.4 43.4 65.2

55 27.3 21.4 32.0

61 25.6 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.585 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

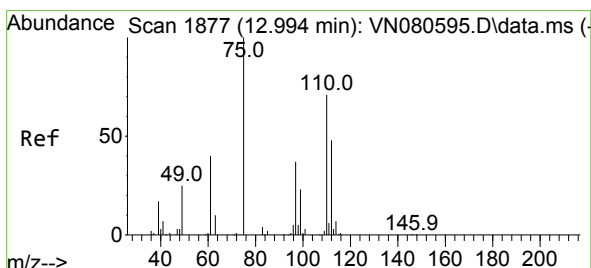
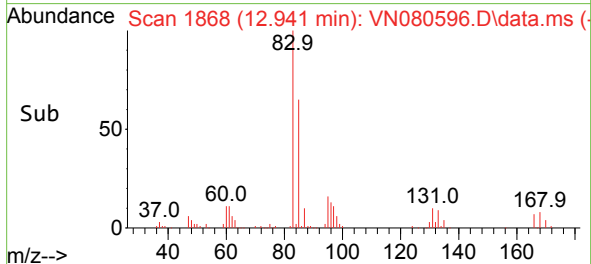
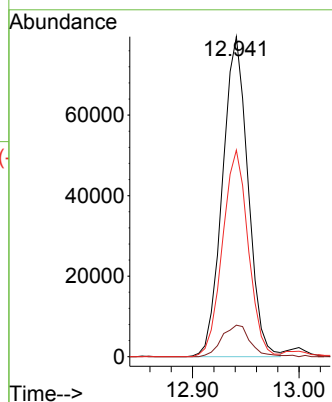
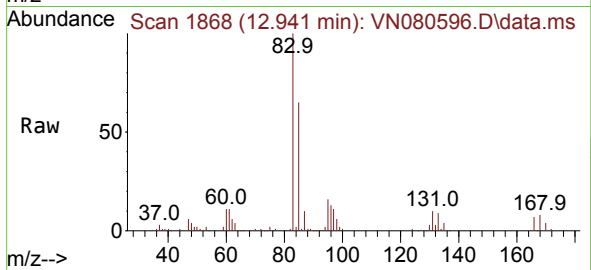
Tgt Ion: 83 Resp: 132155

Ion Ratio Lower Upper

83 100

131 11.1 5.0 15.0

85 65.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 28.114 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080596.D

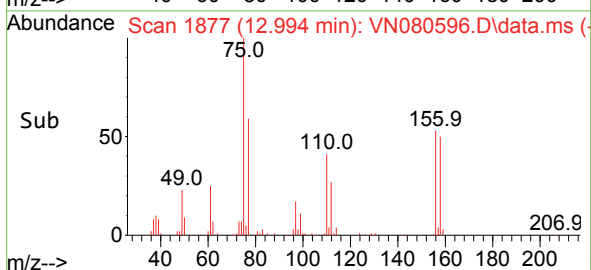
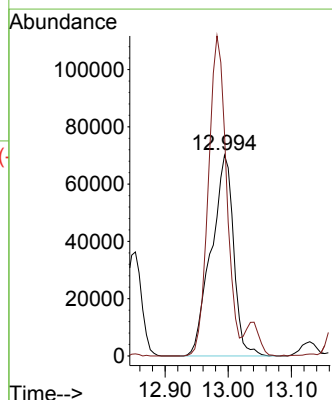
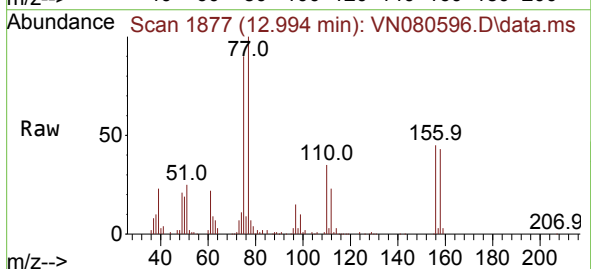
Acq: 27 Dec 2023 12:12

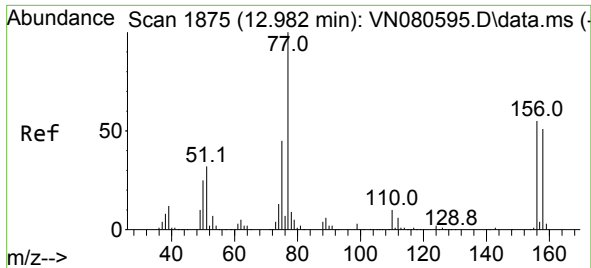
Tgt Ion: 75 Resp: 172752

Ion Ratio Lower Upper

75 100

77 129.7 84.5 253.5

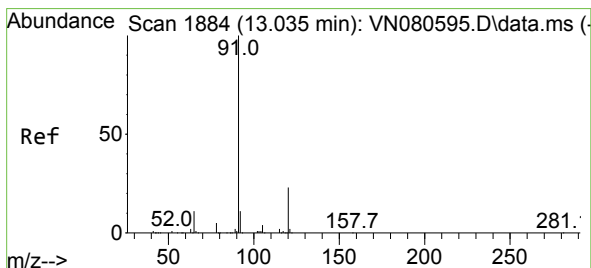
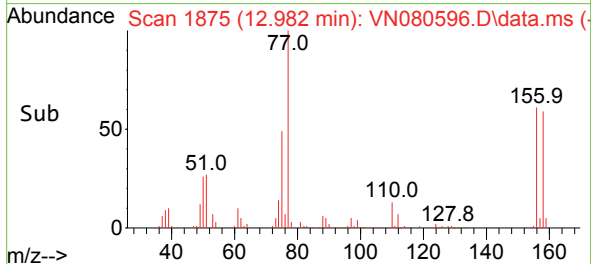
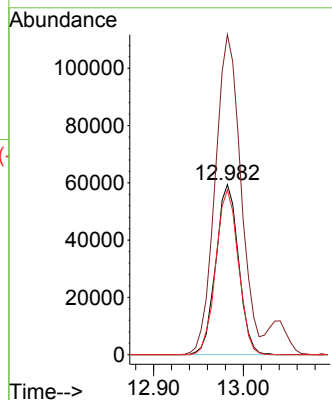
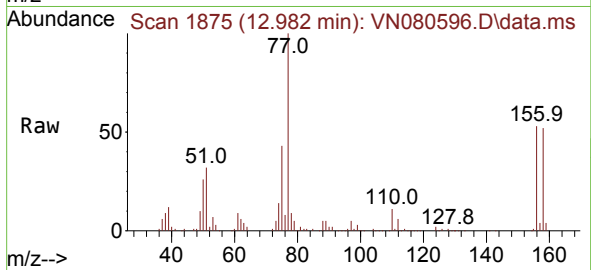




#77
Bromobenzene
Concen: 20.138 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

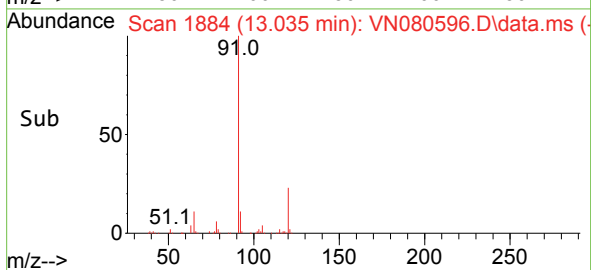
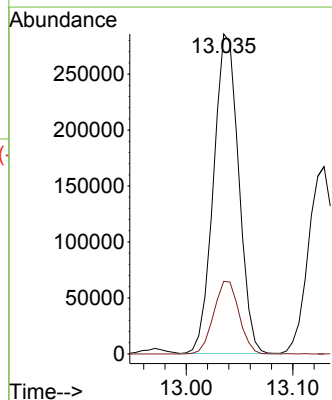
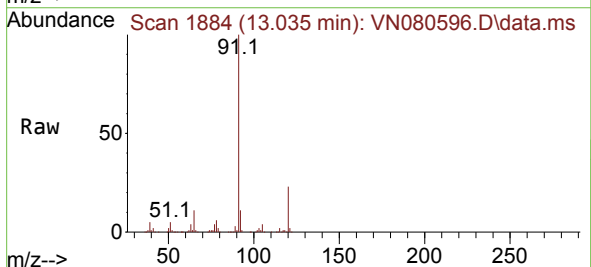
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

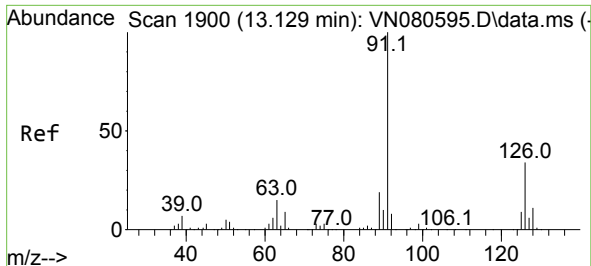
Tgt Ion:156 Resp: 104581
Ion Ratio Lower Upper
156 100
77 214.3 107.7 323.3
158 96.1 48.4 145.3



#78
n-propylbenzene
Concen: 20.938 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 91 Resp: 468187
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

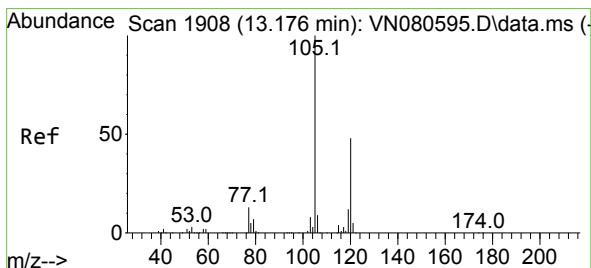
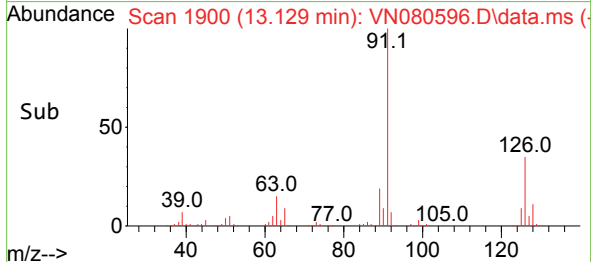
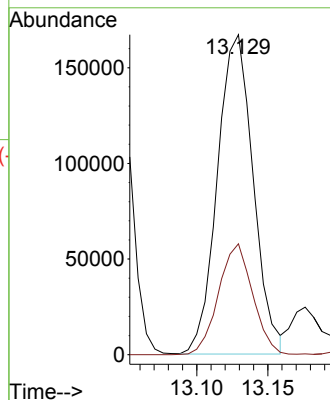
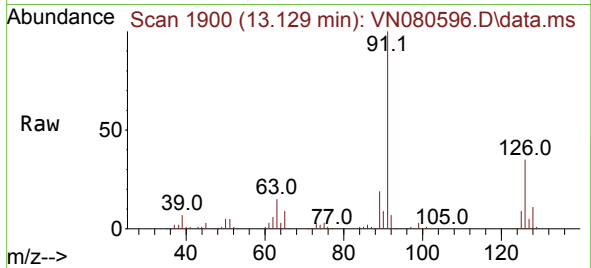




#79
2-Chlorotoluene
Concen: 20.070 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

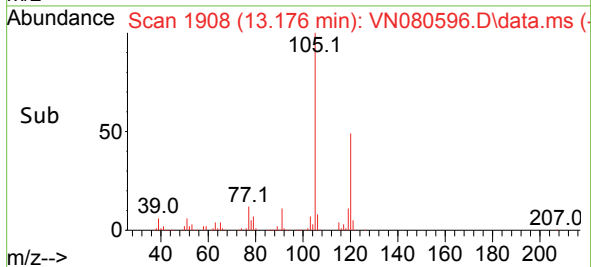
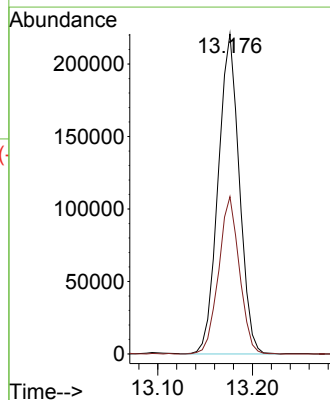
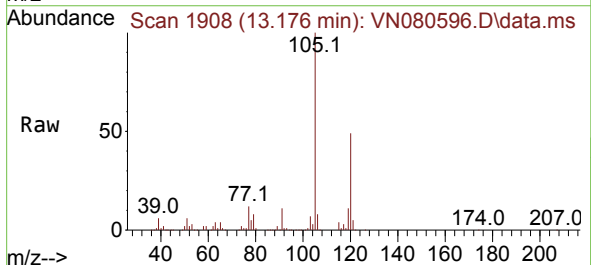
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

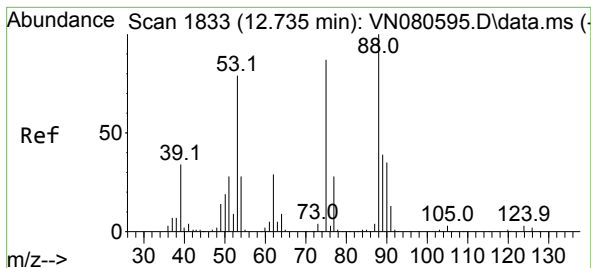
Tgt Ion: 91 Resp: 292970
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.760 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 105 Resp: 342763
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3

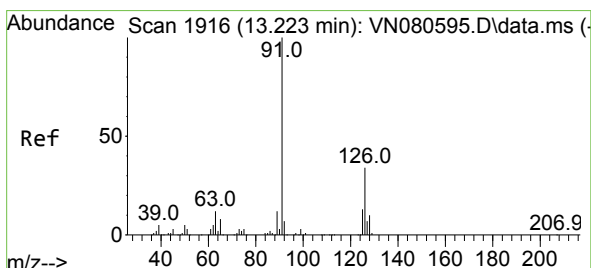
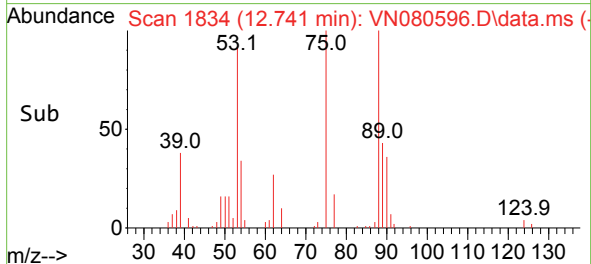
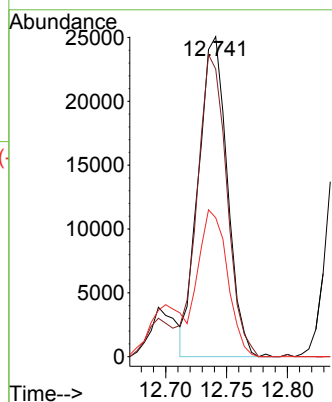
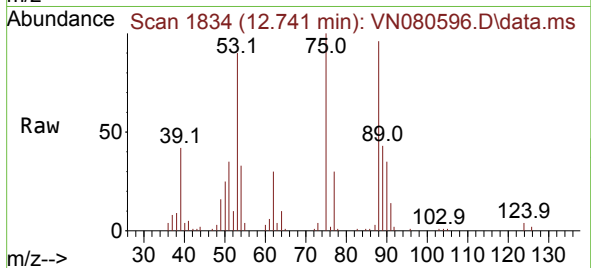




#81
trans-1,4-Dichloro-2-butene
Concen: 18.258 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

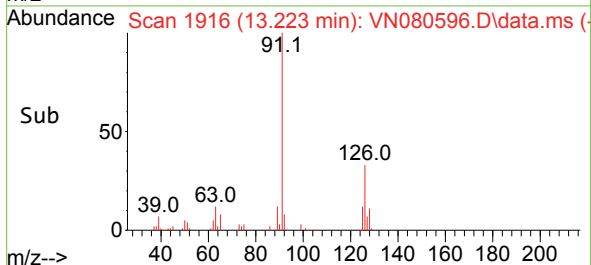
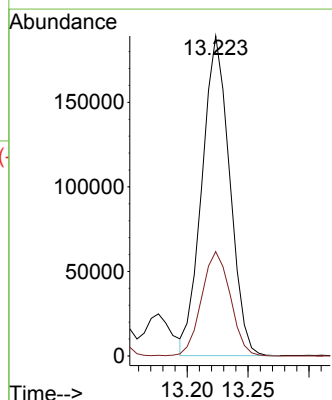
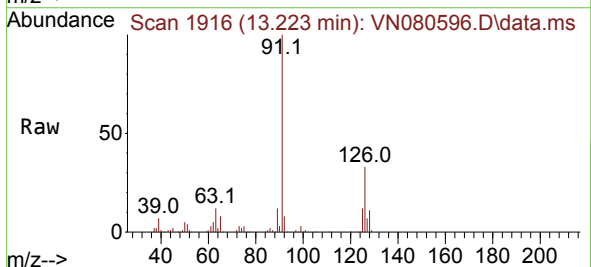
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

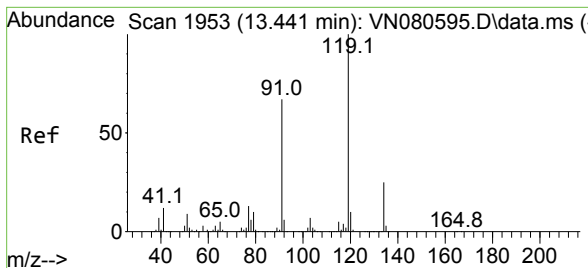
Tgt Ion: 75 Resp: 41417
Ion Ratio Lower Upper
75 100
53 97.4 67.4 101.2
89 45.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 20.035 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080596.D
Acq: 27 Dec 2023 12:12

Tgt Ion: 91 Resp: 299098
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0

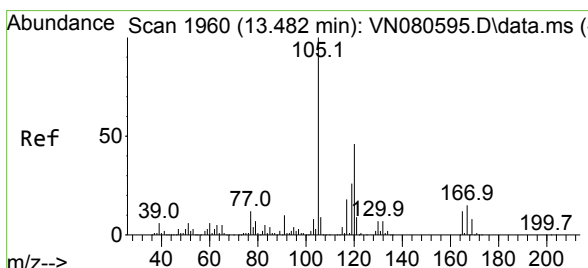
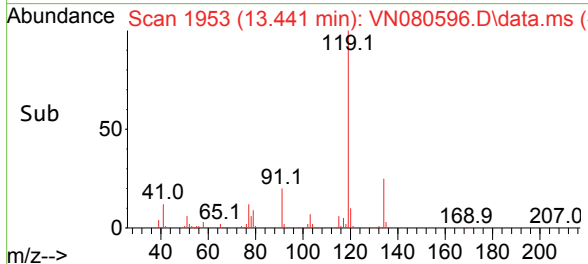
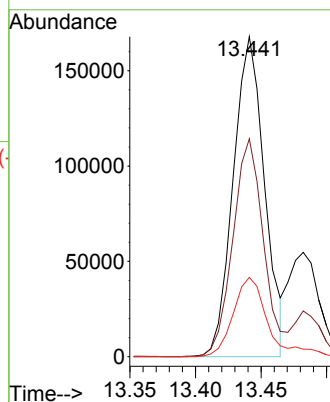
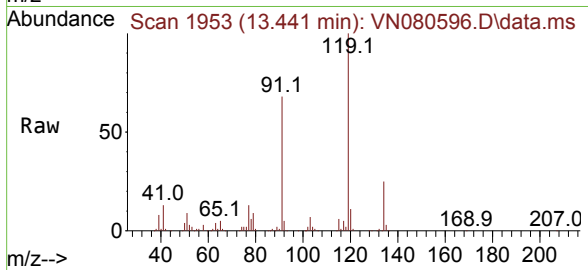




#83
 tert-Butylbenzene
 Concen: 20.195 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN080596.D
 Acq: 27 Dec 2023 12:12

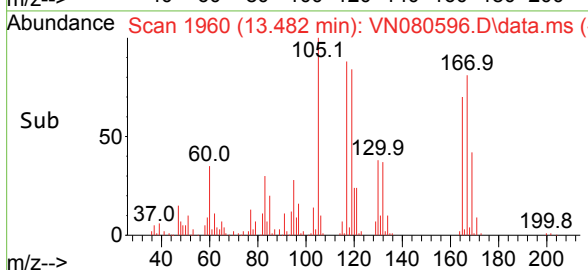
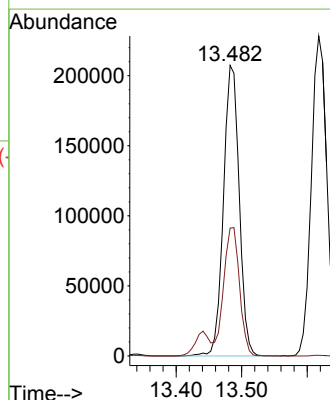
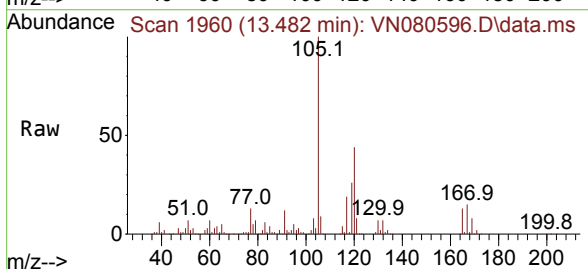
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

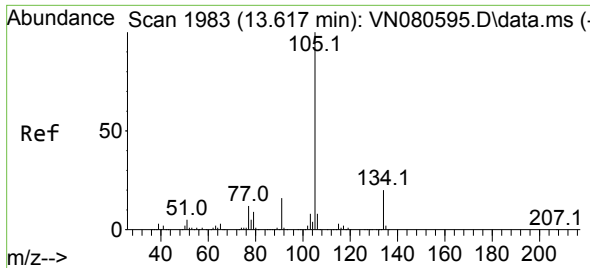
Tgt Ion:119 Resp: 278678
 Ion Ratio Lower Upper
 119 100
 91 67.4 33.9 101.7
 134 27.5 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.636 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080596.D
 Acq: 27 Dec 2023 12:12

Tgt Ion:105 Resp: 344984
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.0 66.0

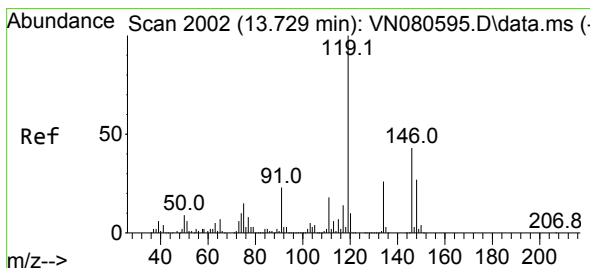
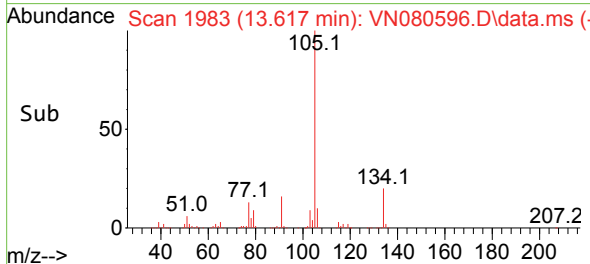
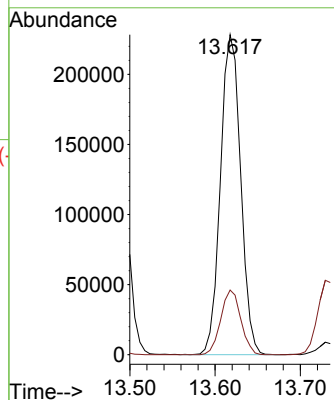
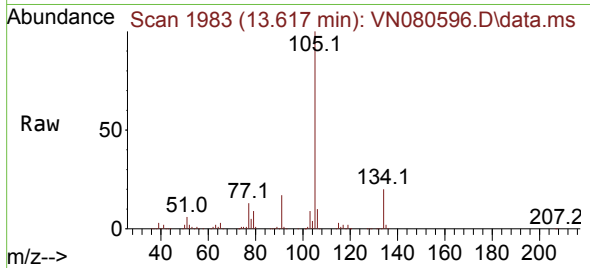




#85
 sec-Butylbenzene
 Concen: 20.583 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080596.D
 Acq: 27 Dec 2023 12:12

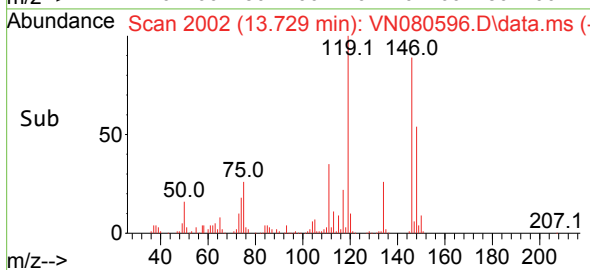
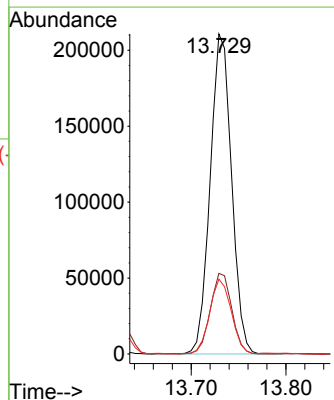
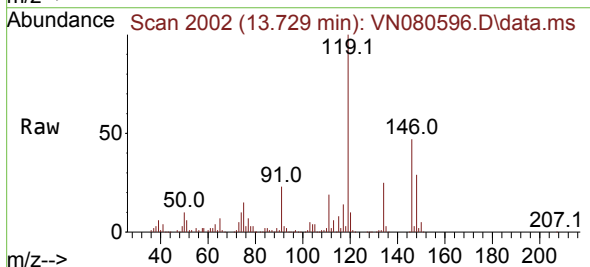
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

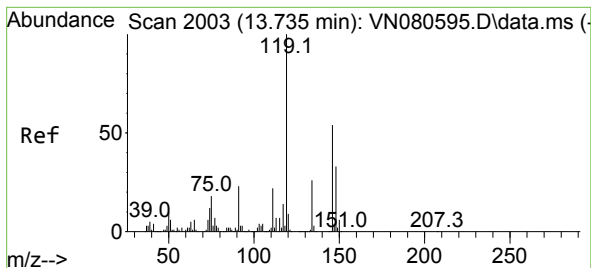
Tgt Ion:105 Resp: 375862
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.983 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080596.D
 Acq: 27 Dec 2023 12:12

Tgt Ion:119 Resp: 330570
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 23.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.830 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

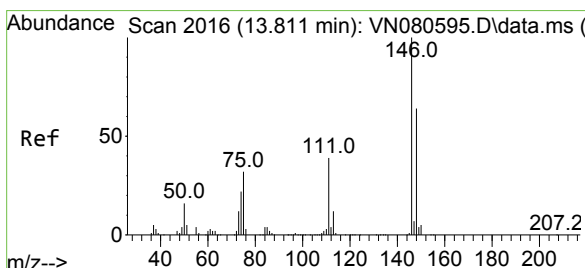
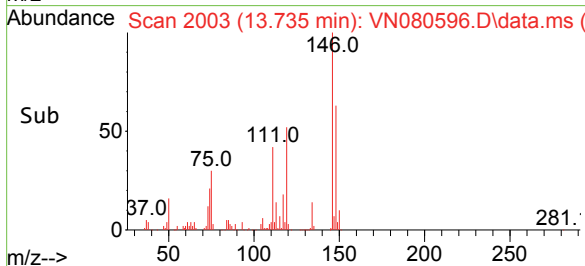
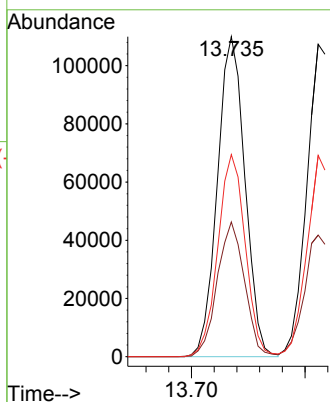
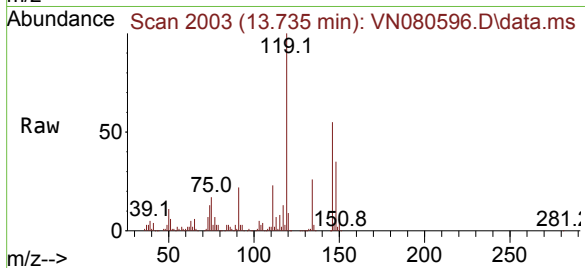
Tgt Ion:146 Resp: 185596

Ion Ratio Lower Upper

146 100

111 41.8 22.1 66.3

148 62.8 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.468 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

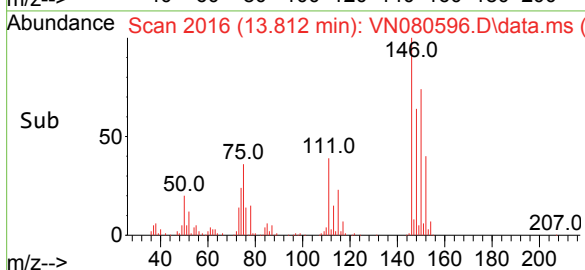
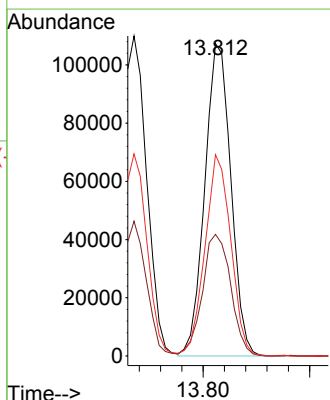
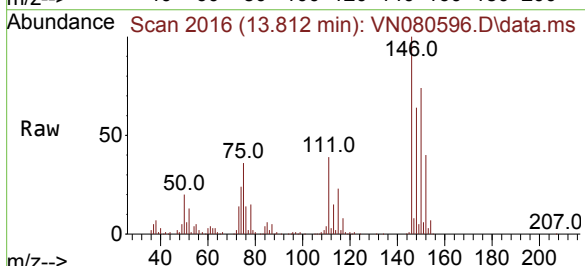
Tgt Ion:146 Resp: 183159

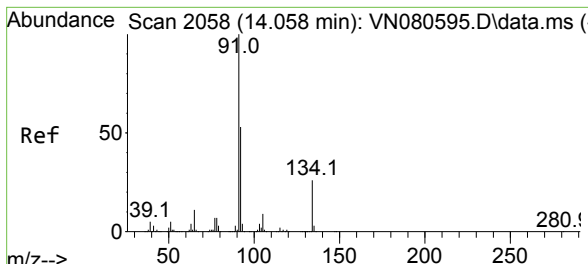
Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.8

148 63.8 31.6 94.8

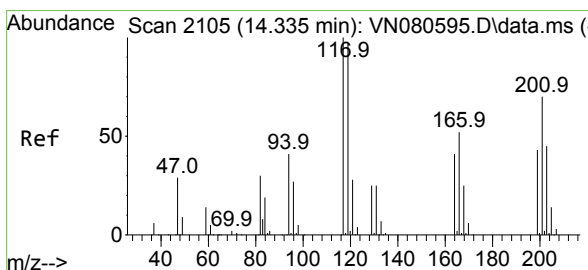
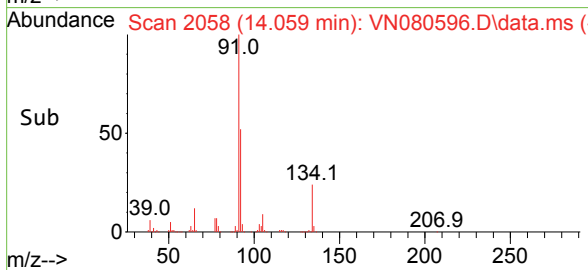
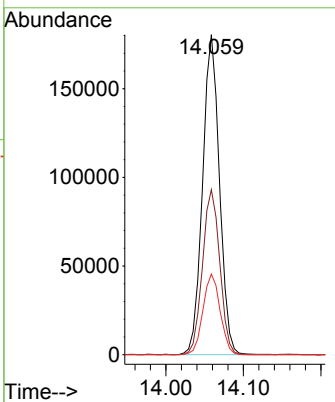
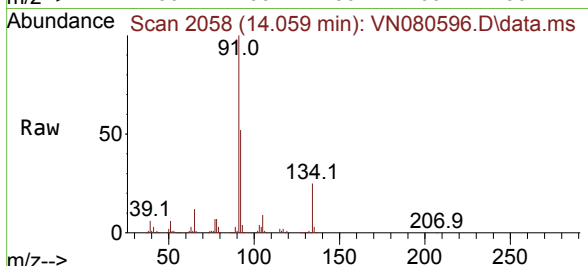




#89
 n-Butylbenzene
 Concen: 19.987 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN080596.D
 Acq: 27 Dec 2023 12:12

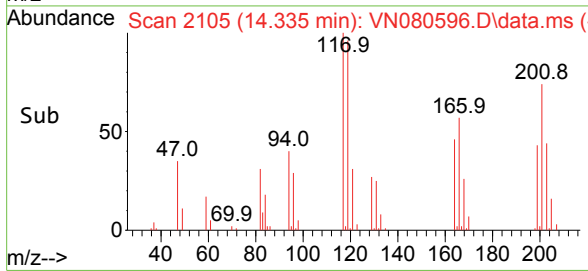
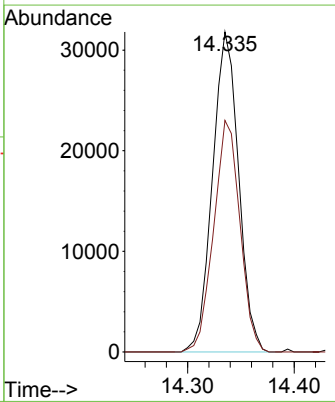
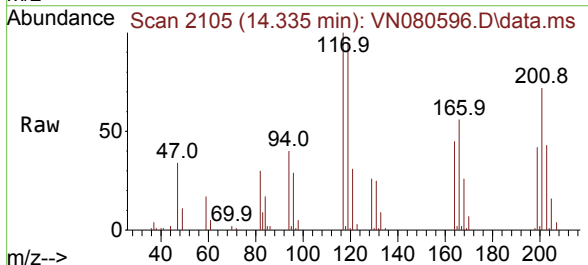
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

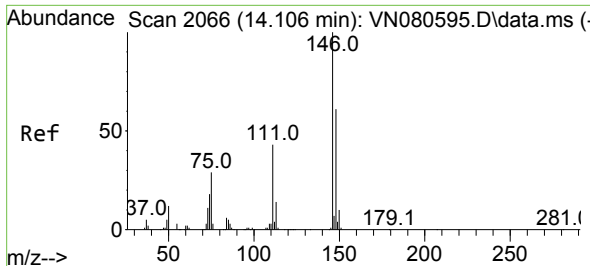
Tgt Ion:	91	Resp:	272765
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.0
134	25.6	12.6	37.6



#90
 Hexachloroethane
 Concen: 18.960 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN080596.D
 Acq: 27 Dec 2023 12:12

Tgt Ion:	117	Resp:	54044
Ion	Ratio	Lower	Upper
117	100		
201	72.8	29.3	88.0

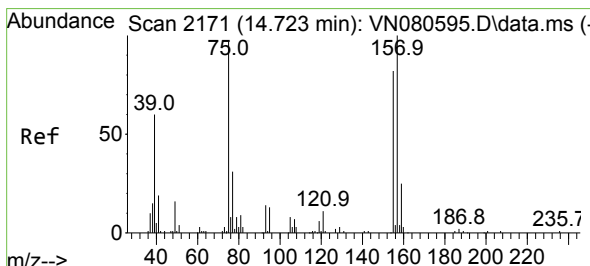
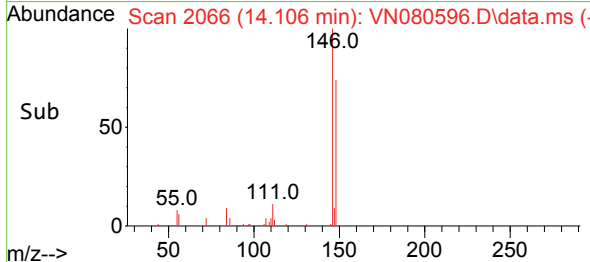
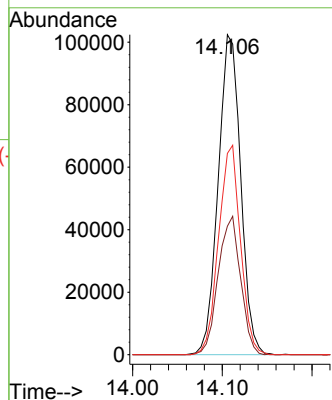
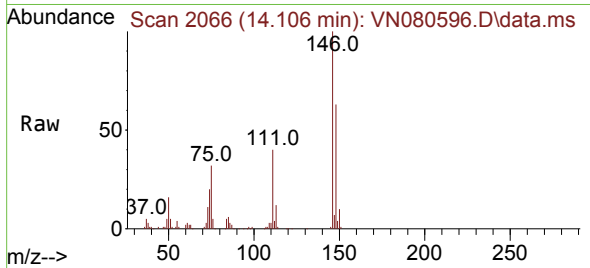




#91
 1,2-Dichlorobenzene
 Concen: 19.715 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN080596.D
 Acq: 27 Dec 2023 12:12

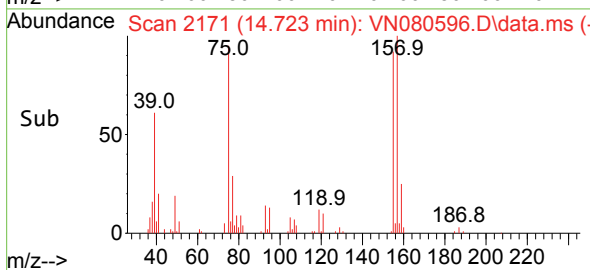
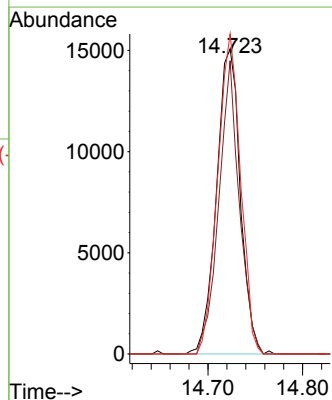
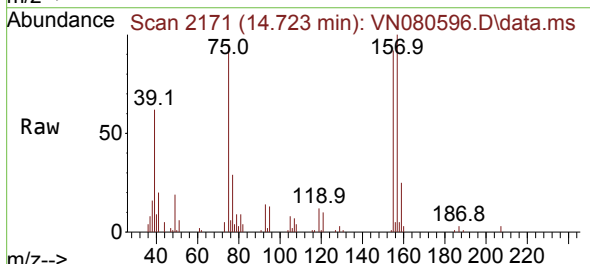
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

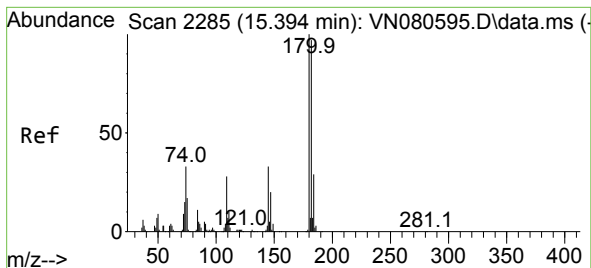
Tgt Ion:146 Resp: 178097
 Ion Ratio Lower Upper
 146 100
 111 43.1 22.0 66.0
 148 63.7 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.929 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080596.D
 Acq: 27 Dec 2023 12:12

Tgt Ion: 75 Resp: 26363
 Ion Ratio Lower Upper
 75 100
 155 83.0 39.1 117.2
 157 100.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 20.091 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

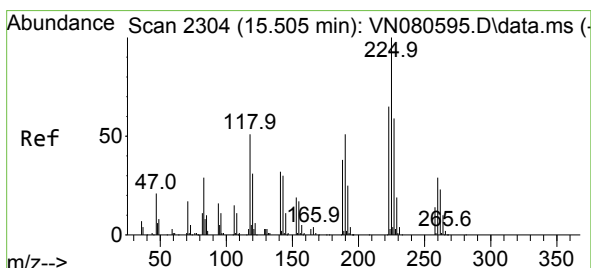
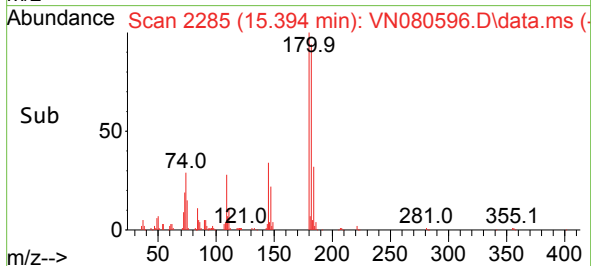
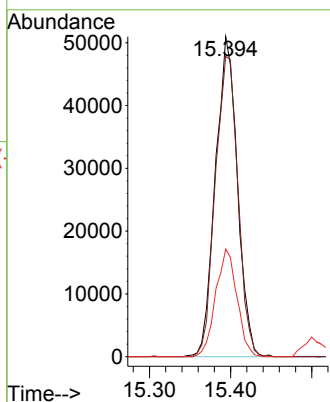
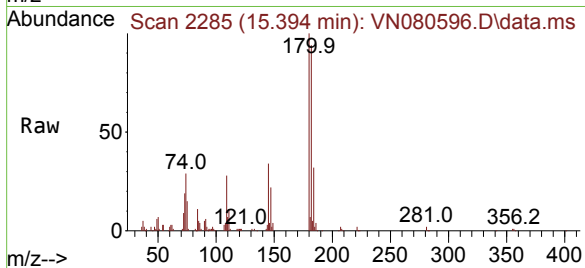
Tgt Ion:180 Resp: 95757

Ion Ratio Lower Upper

180 100

182 96.6 46.1 138.2

145 32.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 20.991 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

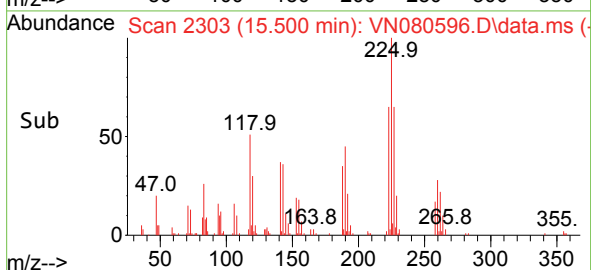
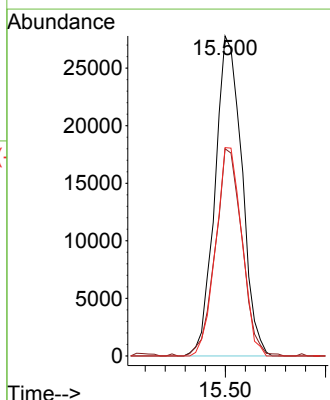
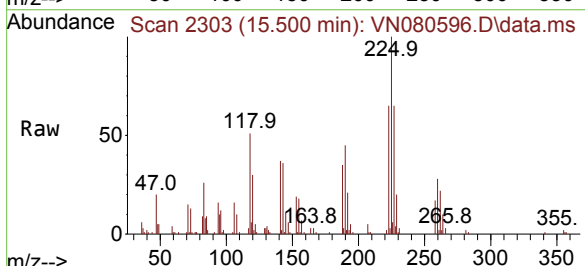
Tgt Ion:225 Resp: 51630

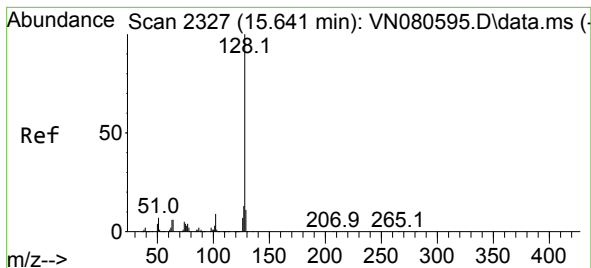
Ion Ratio Lower Upper

225 100

223 64.0 31.3 93.8

227 63.2 31.9 95.9





#95

Naphthalene

Concen: 19.586 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

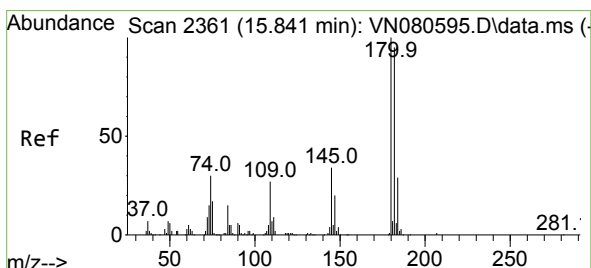
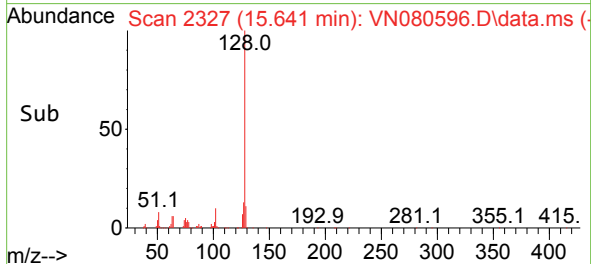
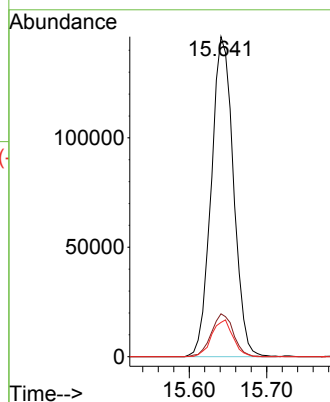
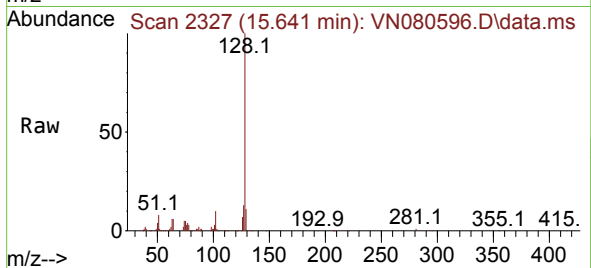
Tgt Ion:128 Resp: 290538

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 21.995 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080596.D

Acq: 27 Dec 2023 12:12

Tgt Ion:180 Resp: 105981

Ion Ratio Lower Upper

180 100

182 94.0 46.2 138.6

145 34.5 17.5 52.6

