

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102423\
 Data File : VN079670.D
 Acq On : 24 Oct 2023 20:49
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Oct 25 02:12:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	246370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	429958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	392914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175354	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	198420	49.671	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.340%
35) Dibromofluoromethane	8.171	113	159650	51.669	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.340%
50) Toluene-d8	10.571	98	583380	52.181	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.360%
62) 4-Bromofluorobenzene	12.853	95	197024	54.914	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.820%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.130	85	157778	44.692	ug/l	98
3) Chloromethane	2.365	50	185805	42.180	ug/l	99
4) Vinyl Chloride	2.518	62	210588	45.961	ug/l	97
5) Bromomethane	2.942	94	128460	46.833	ug/l	100
6) Chloroethane	3.118	64	140980	40.812	ug/l	99
7) Trichlorofluoromethane	3.500	101	253962	46.944	ug/l	99
8) Diethyl Ether	3.965	74	96415	49.991	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.377	101	147781	46.745	ug/l	98
10) Methyl Iodide	4.595	142	166960	60.860	ug/l	97
11) Tert butyl alcohol	5.518	59	136303	226.706	ug/l	100
12) 1,1-Dichloroethene	4.347	96	137272	47.158	ug/l #	81
13) Acrolein	4.183	56	142277	237.658	ug/l	97
14) Allyl chloride	5.030	41	213119	45.369	ug/l	88
15) Acrylonitrile	5.724	53	427261	245.119	ug/l	99
16) Acetone	4.430	43	347069	219.050	ug/l	91
17) Carbon Disulfide	4.718	76	364048	40.094	ug/l	99
18) Methyl Acetate	5.024	43	352004	45.391	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	494160	52.248	ug/l	95
20) Methylene Chloride	5.283	84	168666	48.595	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	154300	45.385	ug/l #	82
22) Diisopropyl ether	6.677	45	553456	52.543	ug/l #	91
23) Vinyl Acetate	6.606	43	1478256	249.494	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	314657	48.810	ug/l	97
25) 2-Butanone	7.488	43	557909	237.243	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	236080	47.919	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	187058	50.646	ug/l	88
28) Bromochloromethane	7.818	49	155282	50.626	ug/l #	73
29) Tetrahydrofuran	7.841	42	373874	245.823	ug/l #	74
30) Chloroform	7.971	83	321424	49.348	ug/l	94
31) Cyclohexane	8.259	56	248457	43.848	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	270818	49.406	ug/l	94
36) 1,1-Dichloropropene	8.377	75	232493	50.134	ug/l	95
37) Ethyl Acetate	7.565	43	238302	51.643	ug/l #	90
38) Carbon Tetrachloride	8.365	117	233594	50.316	ug/l	98
39) Methylcyclohexane	9.606	83	222162	49.863	ug/l #	88
40) Benzene	8.612	78	697429	50.640	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	127084	52.386	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	252269	50.410	ug/l	97
43) Isopropyl Acetate	8.694	43	386460	47.804	ug/l #	89
44) Trichloroethene	9.359	130	165904	51.181	ug/l	98
45) 1,2-Dichloropropane	9.624	63	187591	51.697	ug/l	96
46) Dibromomethane	9.712	93	121522	51.708	ug/l	95
47) Bromodichloromethane	9.894	83	258210	53.412	ug/l	98
48) Methyl methacrylate	9.682	41	184137	53.154	ug/l #	80
49) 1,4-Dioxane	9.700	88	62766	983.644	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1202015	263.396	ug/l	89
52) Toluene	10.635	92	428484	52.854	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	264191	54.229	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	283342	53.129	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	174778	53.701	ug/l	96
56) Ethyl methacrylate	10.876	69	257926	57.672	ug/l #	82
57) 1,3-Dichloropropane	11.171	76	302167	53.767	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	467707	273.076	ug/l	90
59) 2-Hexanone	11.200	43	855409	259.760	ug/l	88
60) Dibromochloromethane	11.365	129	179742	54.950	ug/l	99
61) 1,2-Dibromoethane	11.471	107	166430	51.528	ug/l	98
64) Tetrachloroethene	11.106	164	132145	48.889	ug/l	97
65) Chlorobenzene	11.894	112	442282	50.545	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	167445	52.263	ug/l	98
67) Ethyl Benzene	11.965	91	816168	53.664	ug/l	97
68) m/p-Xylenes	12.076	106	612364	110.813	ug/l	94
69) o-Xylene	12.400	106	295980	54.462	ug/l	93
70) Styrene	12.418	104	490189	57.103	ug/l	97
71) Bromoform	12.582	173	122703	52.329	ug/l #	98
73) Isopropylbenzene	12.700	105	764498	46.863	ug/l	99
74) N-amyl acetate	12.500	43	310737	46.462	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	251446	47.697	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	308165	60.951	ug/l	71
77) Bromobenzene	12.982	156	175423	43.855	ug/l	95
78) n-propylbenzene	13.041	91	905150	49.040	ug/l	97
79) 2-Chlorotoluene	13.129	91	542546	45.936	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	627319	48.765	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	72359	41.526	ug/l #	85
82) 4-Chlorotoluene	13.223	91	535218	47.622	ug/l	97
83) tert-Butylbenzene	13.441	119	514693	48.834	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	624730	50.888	ug/l	99
85) sec-Butylbenzene	13.617	105	724826	49.304	ug/l	100
86) p-Isopropyltoluene	13.735	119	588511	52.183	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	309522	48.786	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	298607	45.582	ug/l	99
89) n-Butylbenzene	14.059	91	474506	52.688	ug/l	98
90) Hexachloroethane	14.335	117	112719	49.214	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	303588	49.056	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39238	41.595	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	97548	50.894	ug/l	99
94) Hexachlorobutadiene	15.506	225	67241	45.044	ug/l	97
95) Naphthalene	15.647	128	254679	43.513	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	100821	44.079	ug/l	97

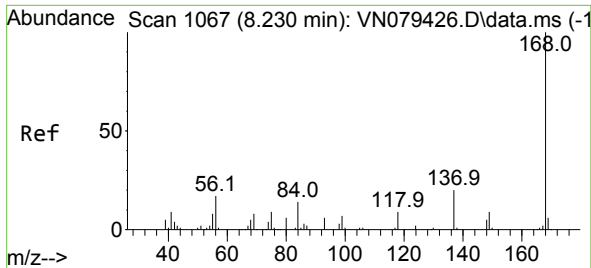
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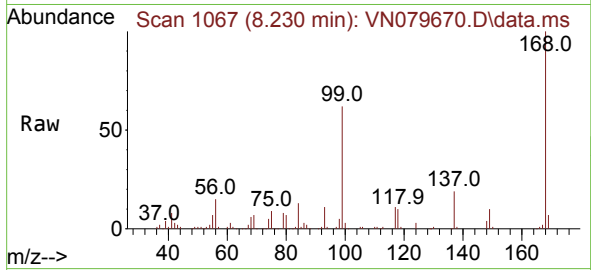
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

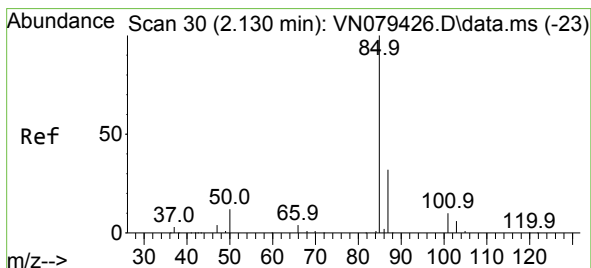
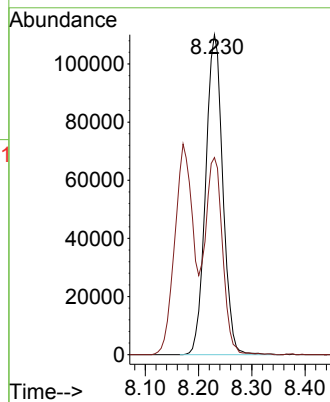
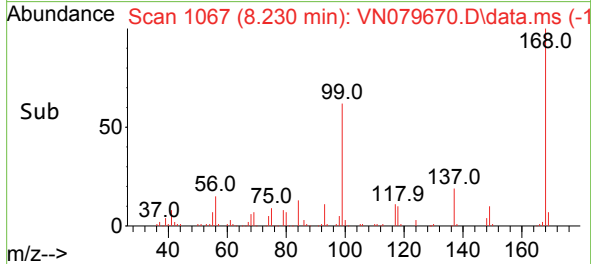


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079670.D
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VSTDCCC050EC

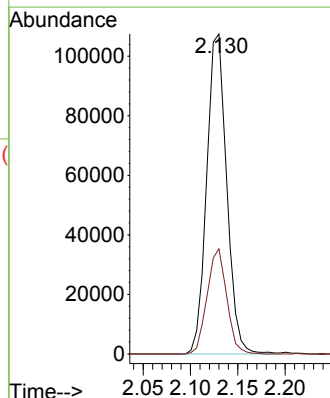
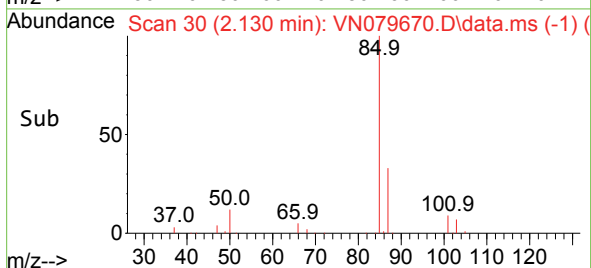
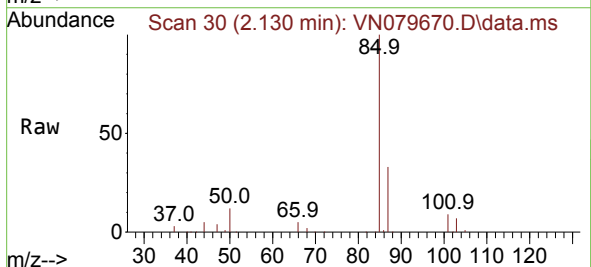


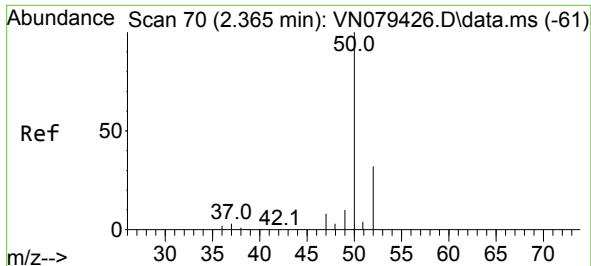
Tgt Ion:168 Resp: 246370
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 44.692 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 85 Resp: 157778
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4

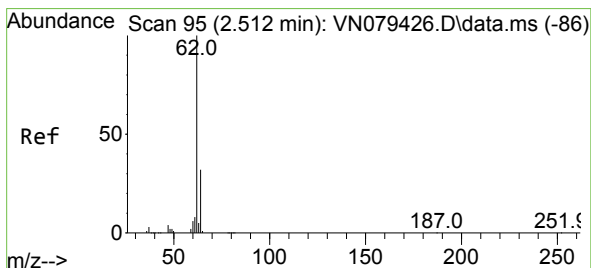
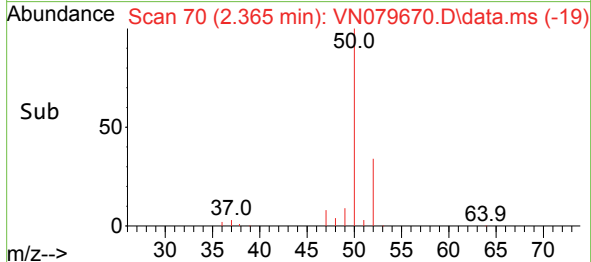
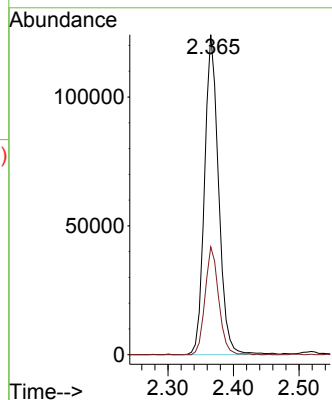
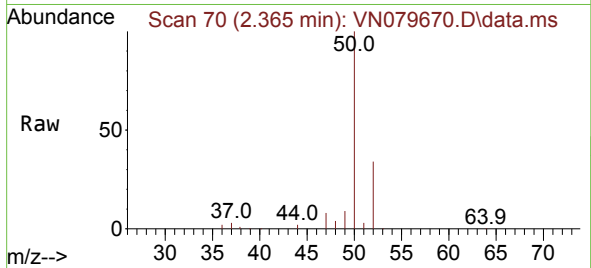




#3
Chloromethane
Concen: 42.180 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079670.D
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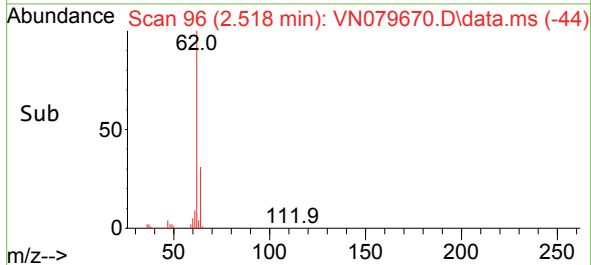
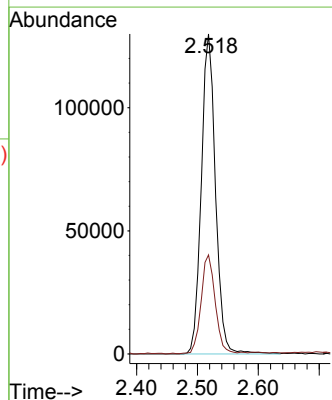
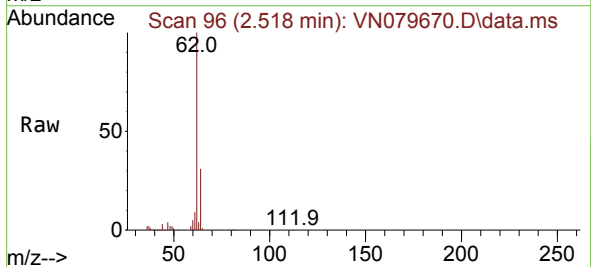
Instrument :
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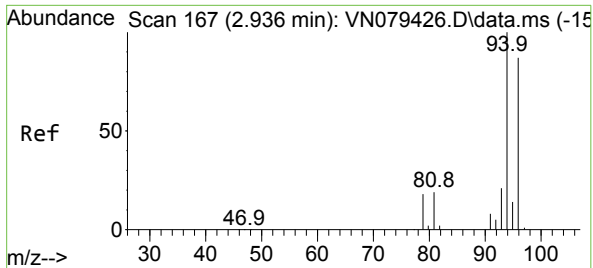
Tgt Ion: 50 Resp: 185805
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7



#4
Vinyl Chloride
Concen: 45.961 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 62 Resp: 210588
Ion Ratio Lower Upper
62 100
64 30.8 26.2 39.2

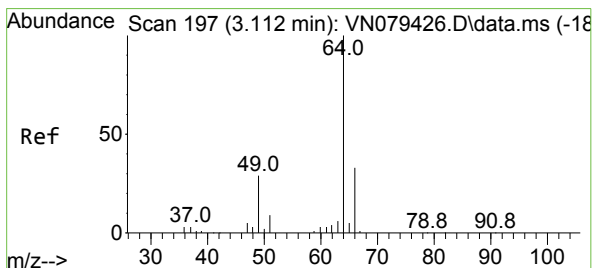
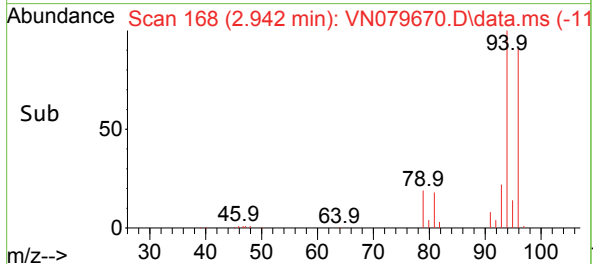
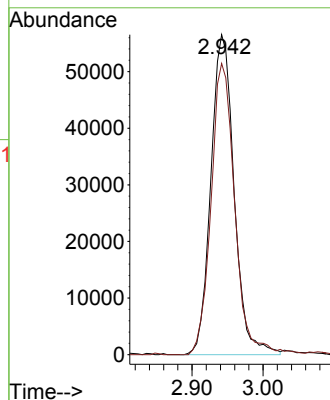
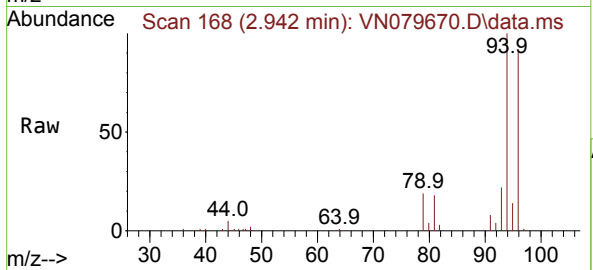




#5
Bromomethane
Concen: 46.833 ug/l
RT: 2.942 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

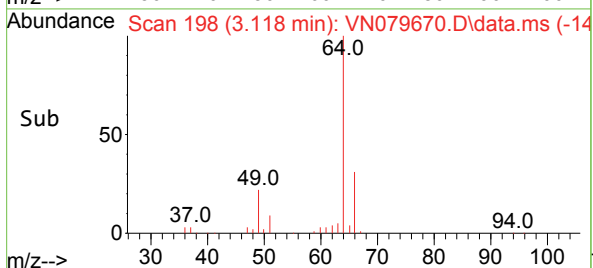
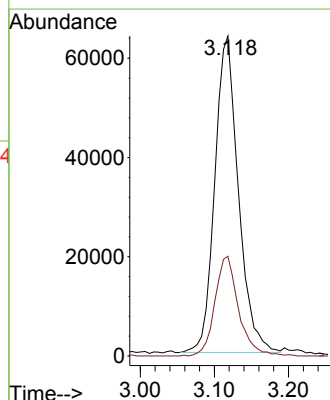
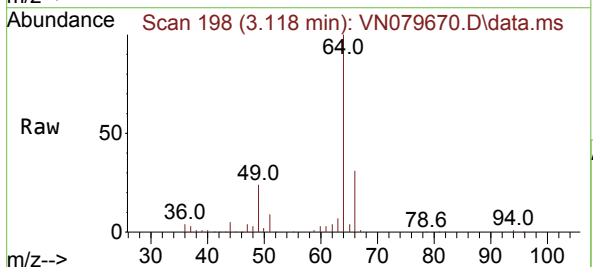
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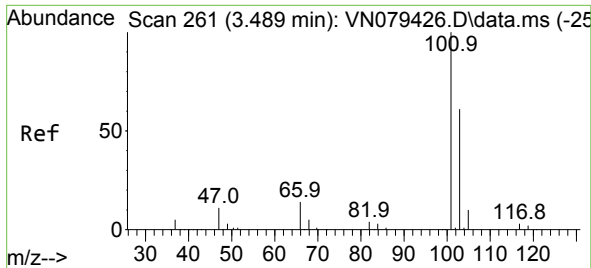
Tgt Ion: 94 Resp: 128460
Ion Ratio Lower Upper
94 100
96 91.0 73.1 109.7



#6
Chloroethane
Concen: 40.812 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 64 Resp: 140980
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.2

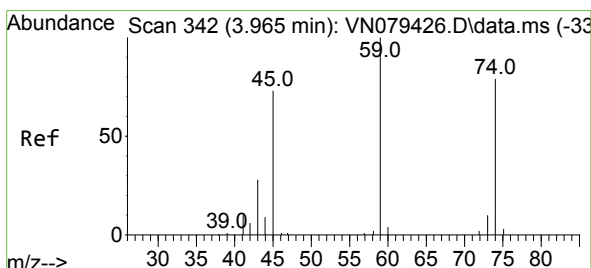
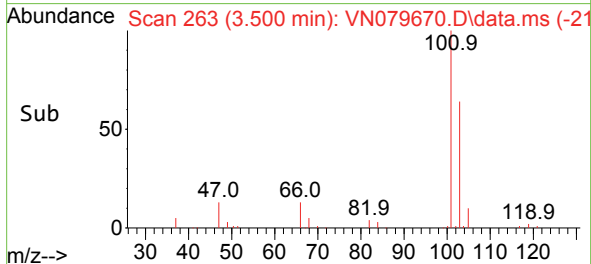
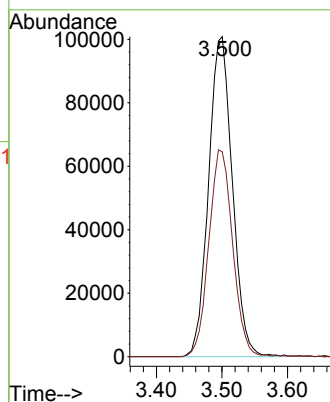
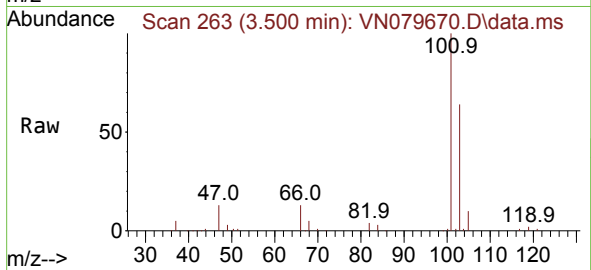




#7
 Trichlorofluoromethane
 Concen: 46.944 ug/l
 RT: 3.500 min Scan# 261
 Delta R.T. 0.012 min
 Lab File: VN079670.D
 Acq: 24 Oct 2023 20:49

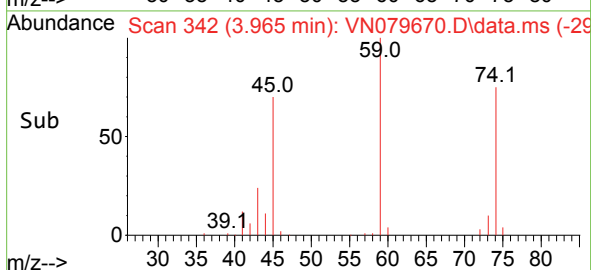
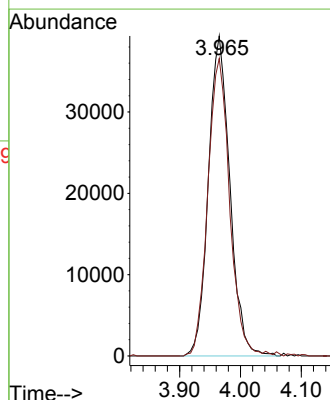
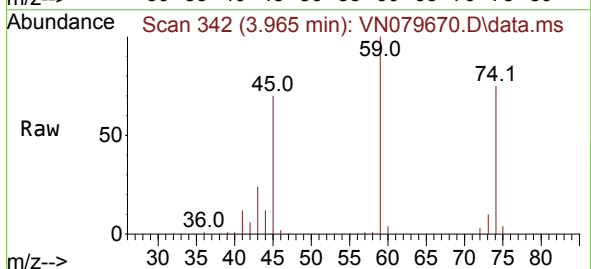
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 253962
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.7 76.1



#8
 Diethyl Ether
 Concen: 49.991 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN079670.D
 Acq: 24 Oct 2023 20:49

Tgt Ion: 74 Resp: 96415
 Ion Ratio Lower Upper
 74 100
 45 94.5 34.4 103.3

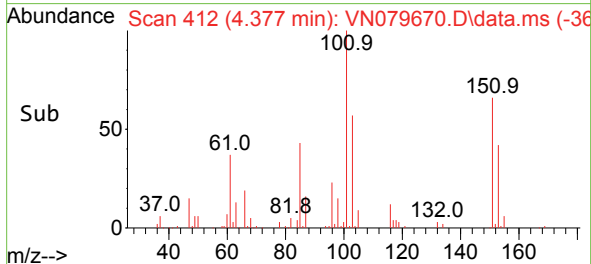
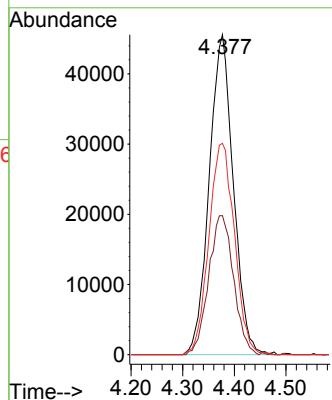
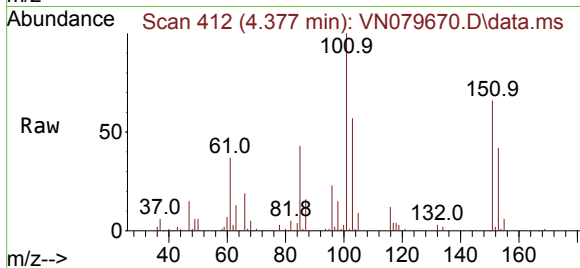




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.745 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079670.D
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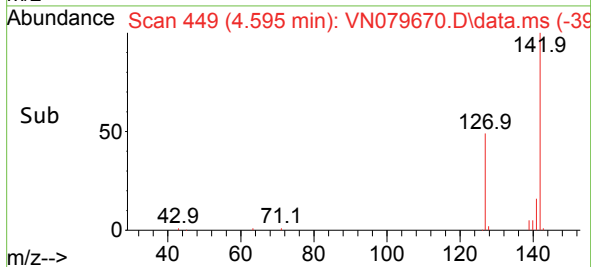
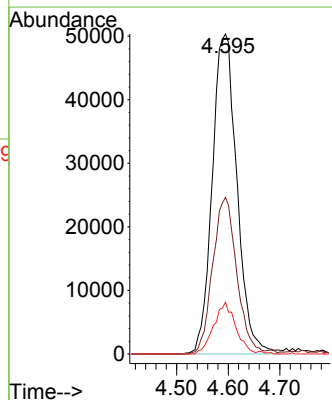
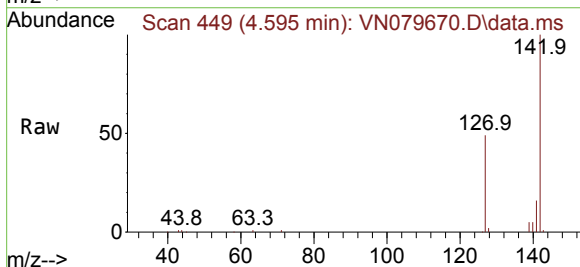
Instrument :
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Tgt Ion:101 Resp: 147781
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 70.2 57.6 86.4



#10
Methyl Iodide
Concen: 60.860 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion:142 Resp: 166960
Ion Ratio Lower Upper
142 100
127 48.9 37.6 56.4
141 16.2 11.4 17.0

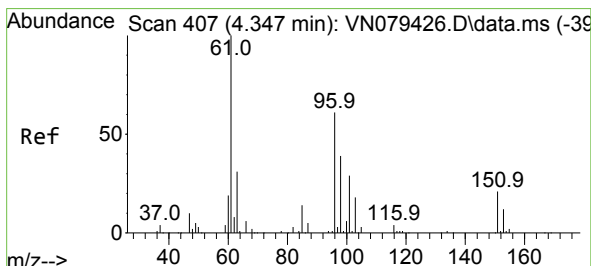
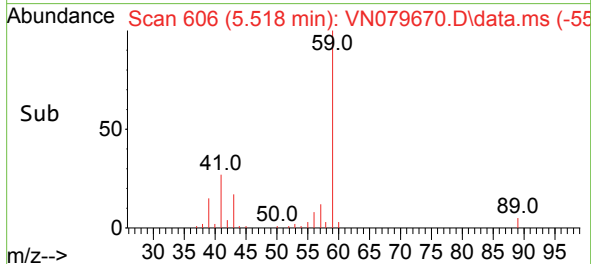
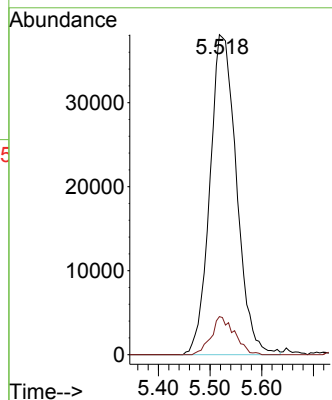
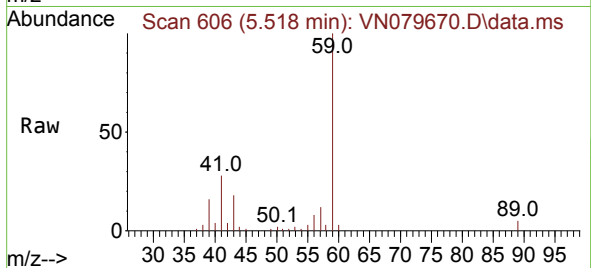




#11
Tert butyl alcohol
Concen: 226.706 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

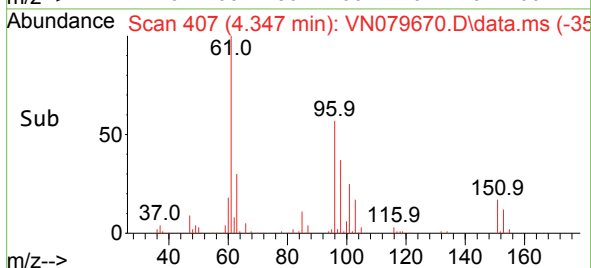
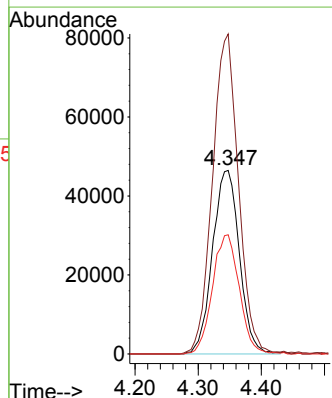
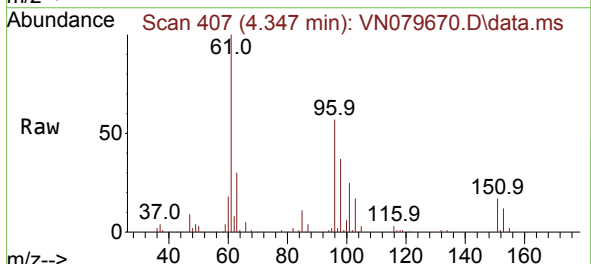
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

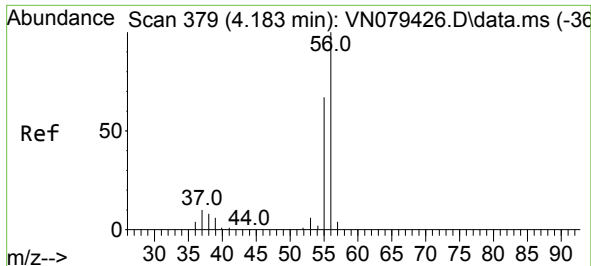
Tgt Ion: 59 Resp: 136303
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.158 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 96 Resp: 137272
Ion Ratio Lower Upper
96 100
61 174.3 112.7 169.1#
98 65.0 51.2 76.8

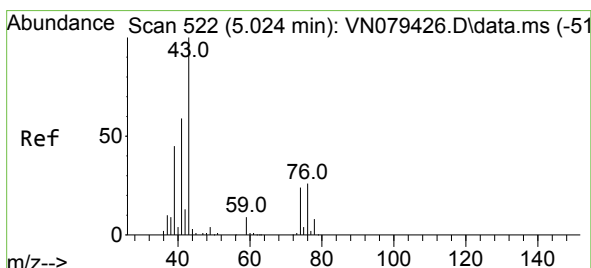
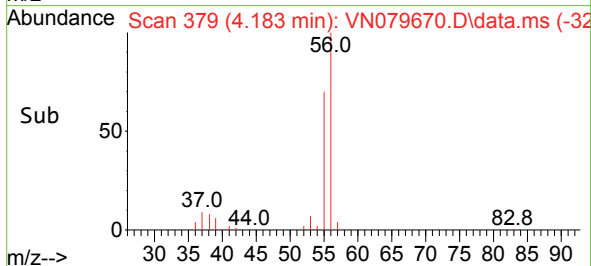
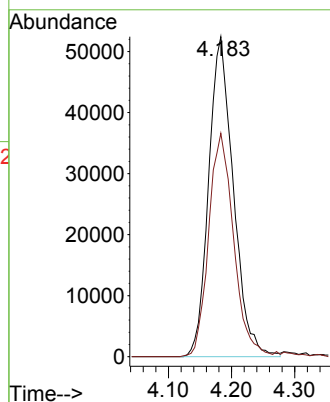
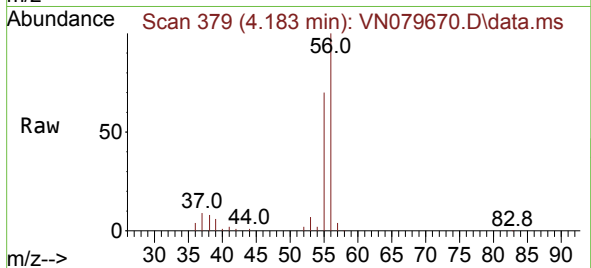




#13
Acrolein
Concen: 237.658 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

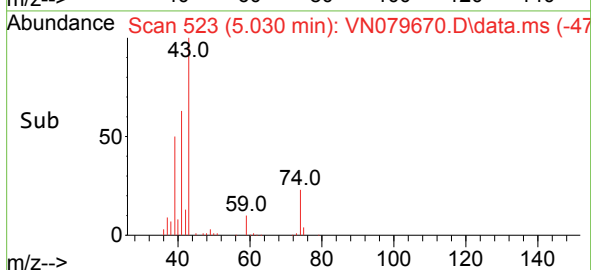
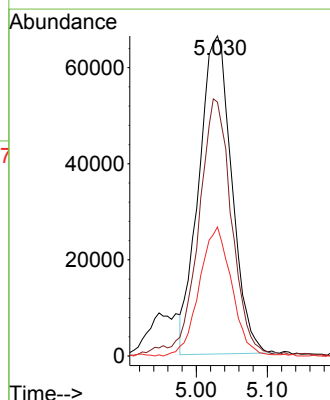
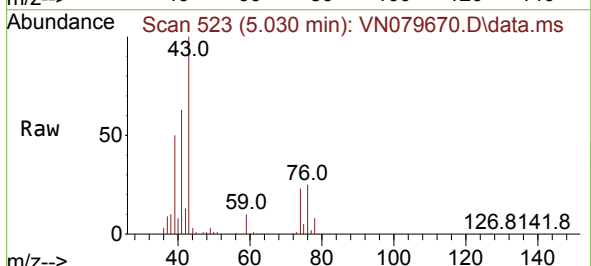
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

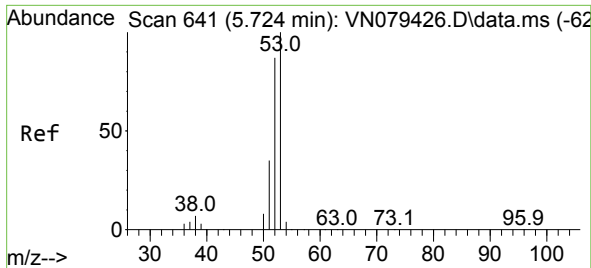
Tgt Ion: 56 Resp: 142277
Ion Ratio Lower Upper
56 100
55 70.5 54.5 81.7



#14
Allyl chloride
Concen: 45.369 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 41 Resp: 213119
Ion Ratio Lower Upper
41 100
39 82.3 58.8 88.2
76 39.8 39.1 58.7

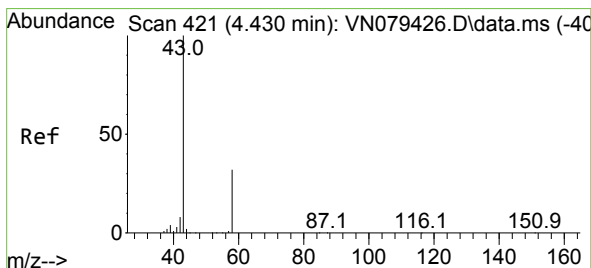
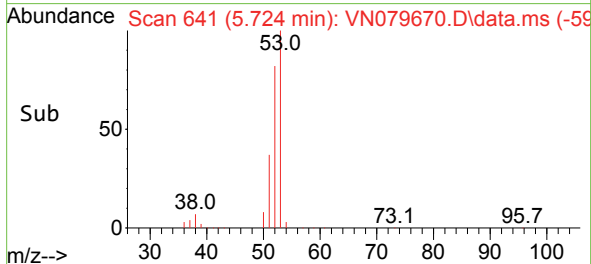
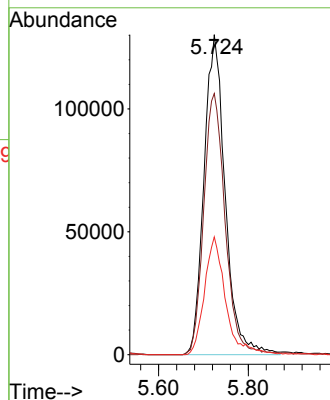
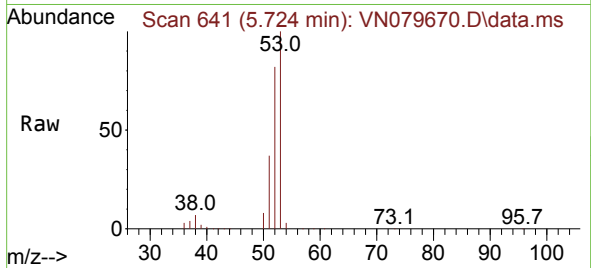




#15
Acrylonitrile
Concen: 245.119 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

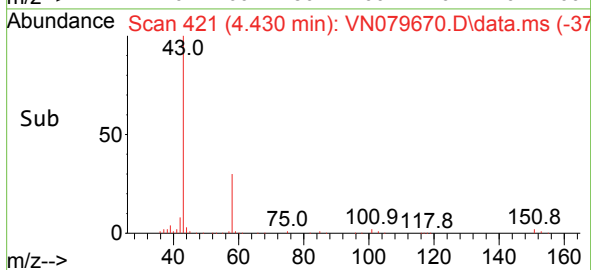
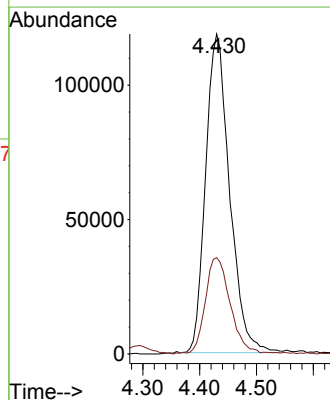
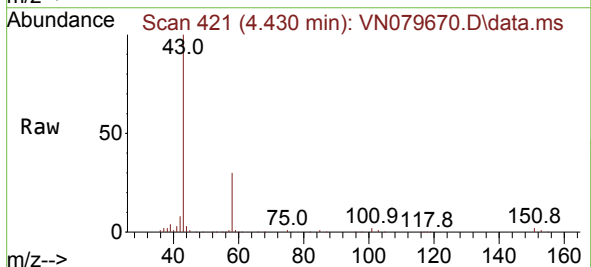
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

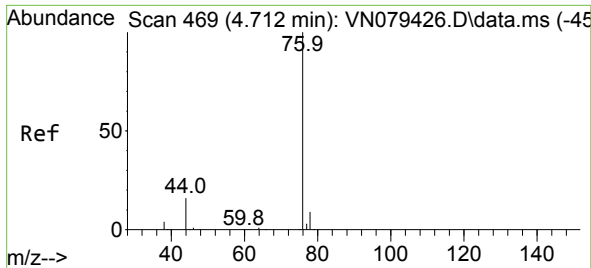
Tgt Ion: 53 Resp: 427261
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 36.5 28.9 43.3



#16
Acetone
Concen: 219.050 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 43 Resp: 347069
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0

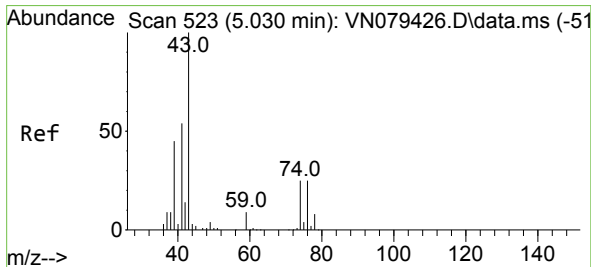
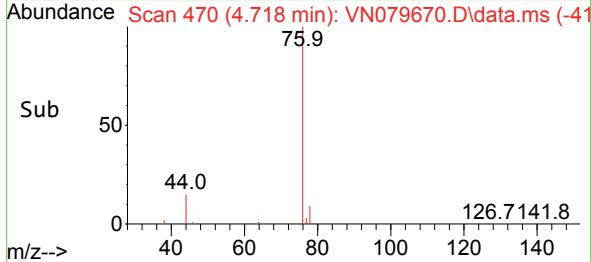
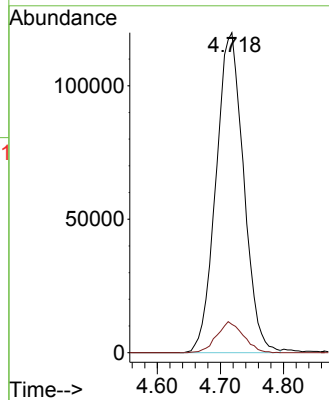
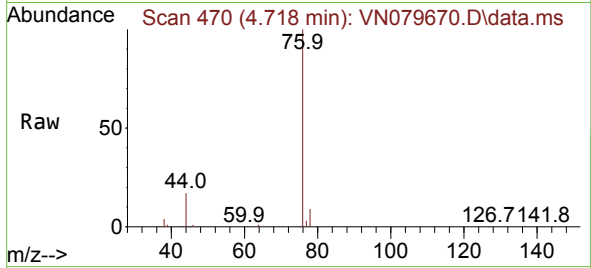




#17
Carbon Disulfide
Concen: 40.094 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

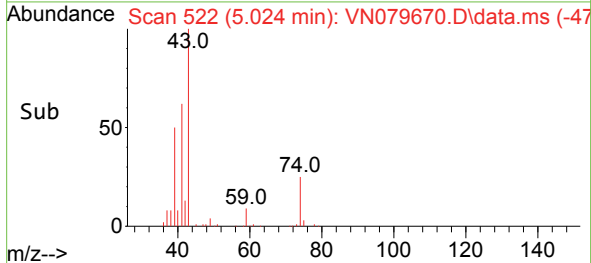
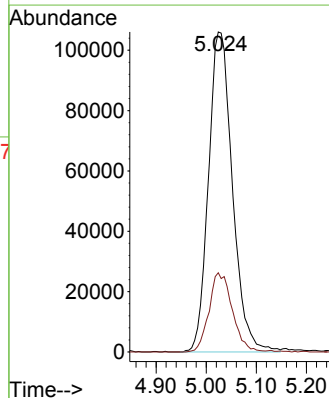
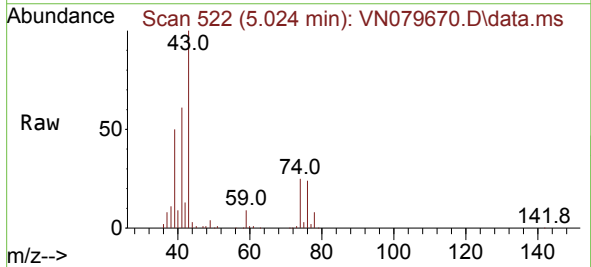
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

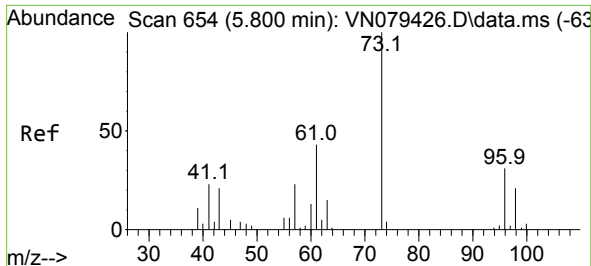
Tgt Ion: 76 Resp: 364048
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 45.391 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 43 Resp: 352004
Ion Ratio Lower Upper
43 100
74 24.0 26.2 39.4#

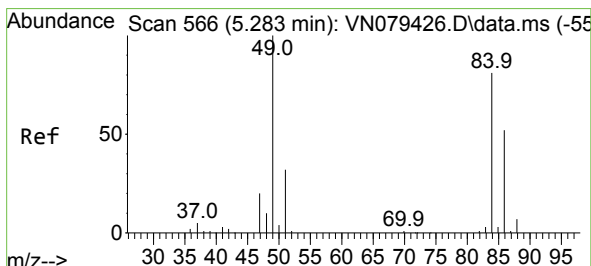
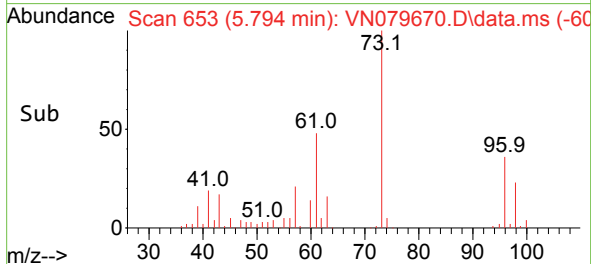
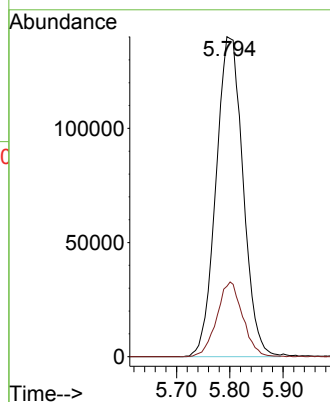
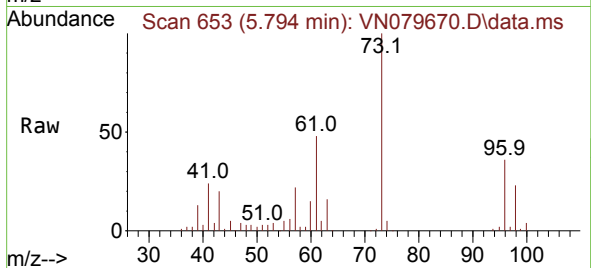




#19
Methyl tert-butyl Ether
Concen: 52.248 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

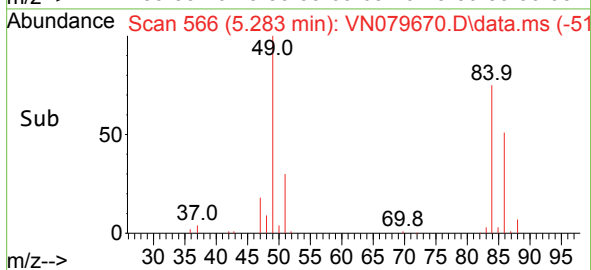
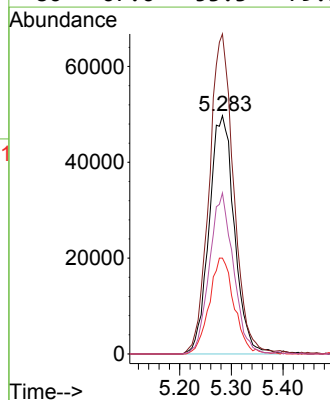
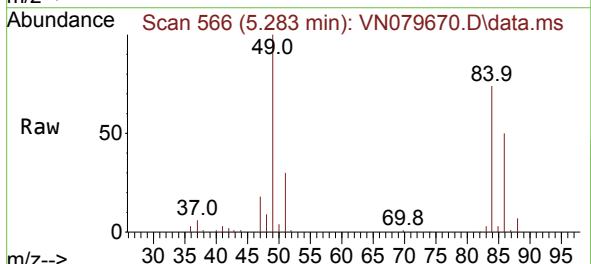
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

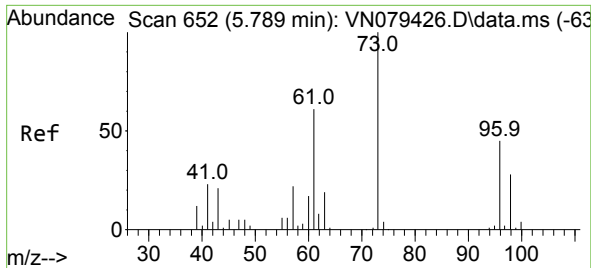
Tgt Ion: 73 Resp: 494160
Ion Ratio Lower Upper
73 100
57 22.0 15.6 23.4



#20
Methylene Chloride
Concen: 48.595 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 84 Resp: 168666
Ion Ratio Lower Upper
84 100
49 134.3 79.7 119.5#
51 40.2 25.2 37.8#
86 67.6 53.3 79.9

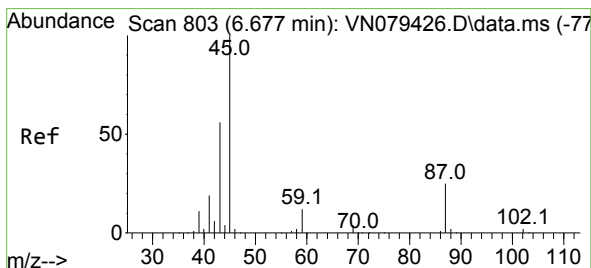
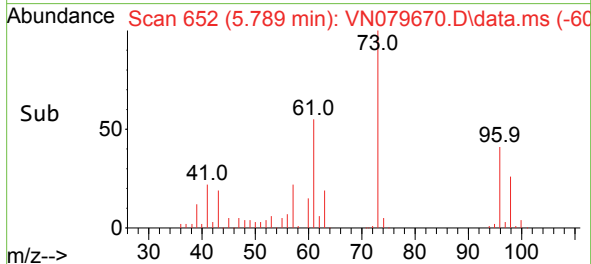
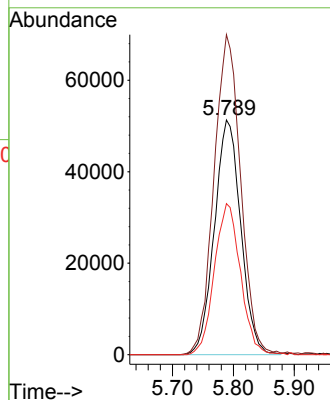
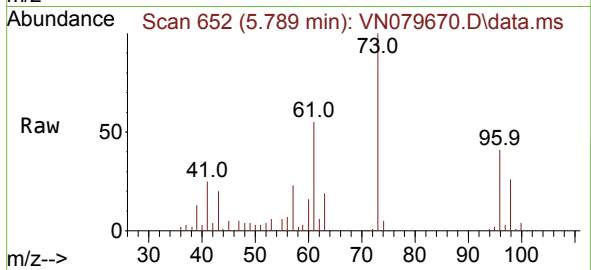




#21
trans-1,2-Dichloroethene
Concen: 45.385 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

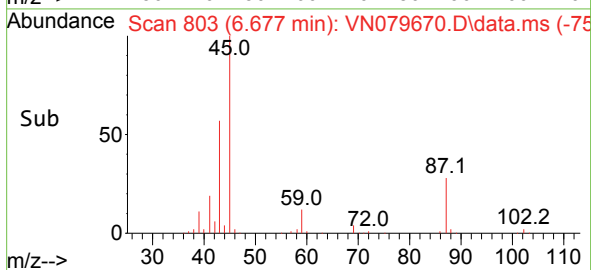
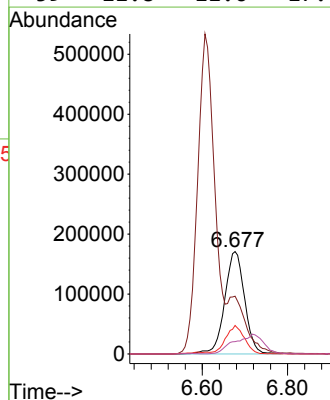
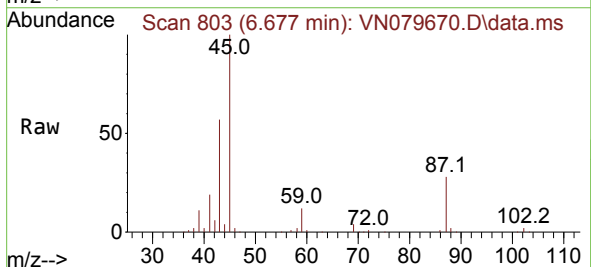
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

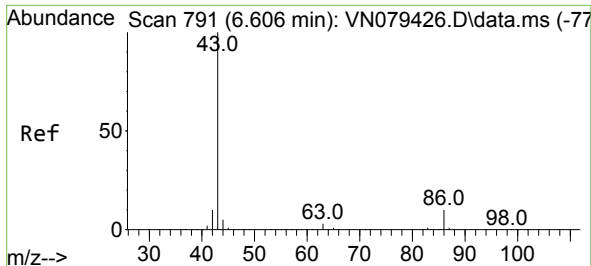
Tgt Ion: 96 Resp: 154300
Ion Ratio Lower Upper
96 100
61 136.3 90.1 135.1#
98 64.4 46.4 69.6



#22
Diisopropyl ether
Concen: 52.543 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 45 Resp: 553456
Ion Ratio Lower Upper
45 100
43 55.6 45.5 68.3
87 27.7 31.8 47.8#
59 11.8 11.6 17.4

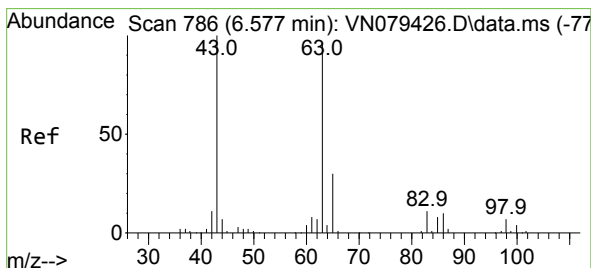
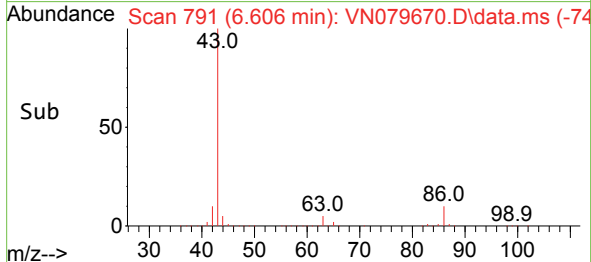
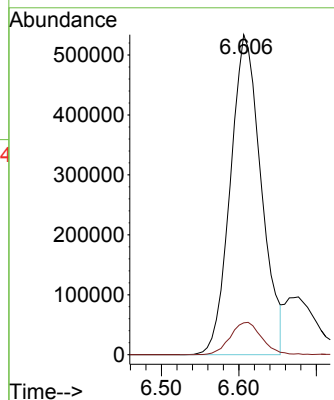
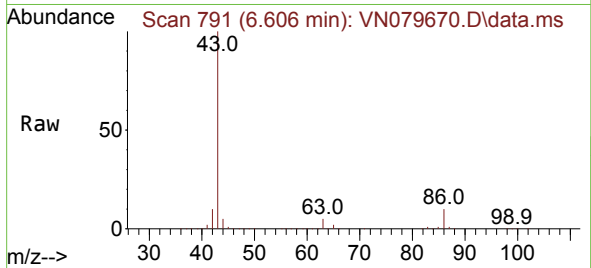




#23
 Vinyl Acetate
 Concen: 249.494 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079670.D
 Acq: 24 Oct 2023 20:49

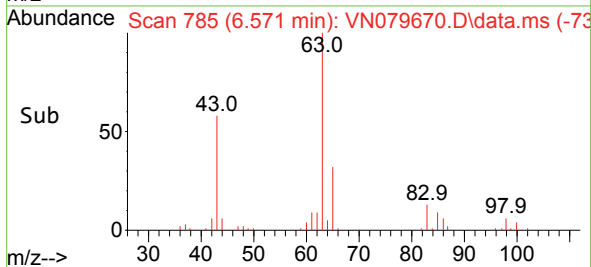
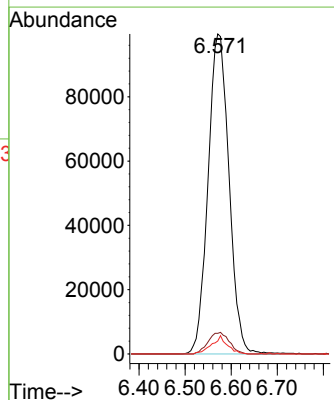
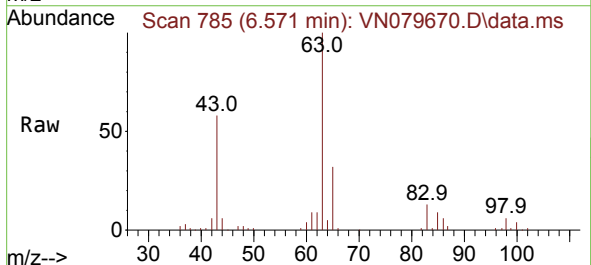
Instrument :
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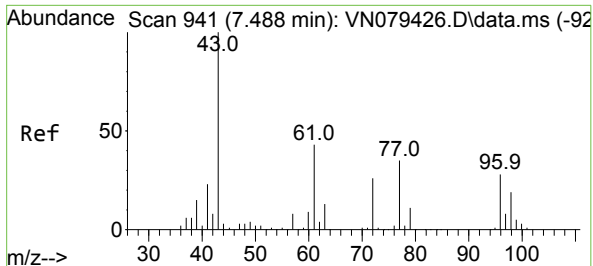
Tgt Ion: 43 Resp: 1478256
 Ion Ratio Lower Upper
 43 100
 86 9.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 48.810 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079670.D
 Acq: 24 Oct 2023 20:49

Tgt Ion: 63 Resp: 314657
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 4.0 2.5 7.4

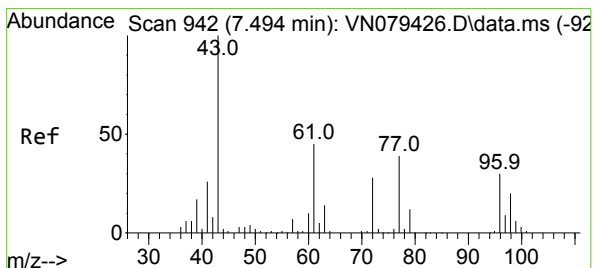
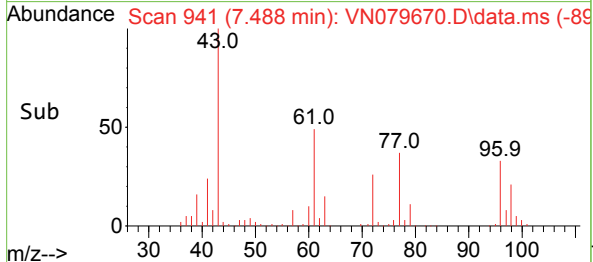
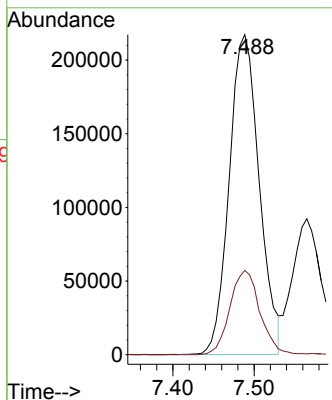
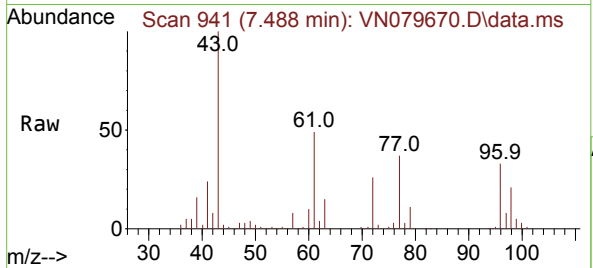




#25
2-Butanone
Concen: 237.243 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

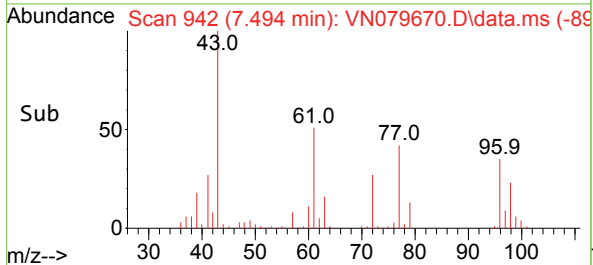
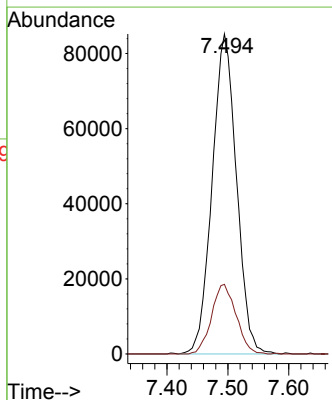
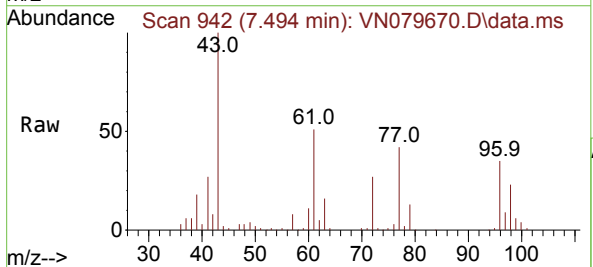
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

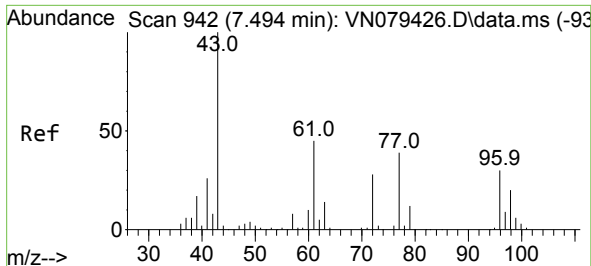
Tgt Ion: 43 Resp: 557909
Ion Ratio Lower Upper
43 100
72 26.4 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 47.919 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 77 Resp: 236080
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6

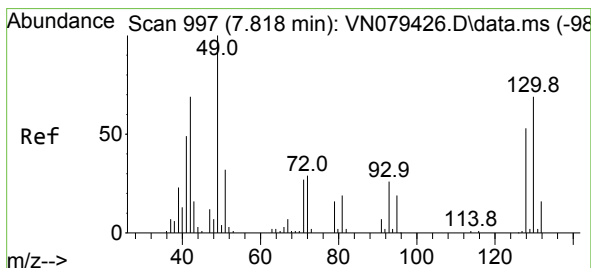
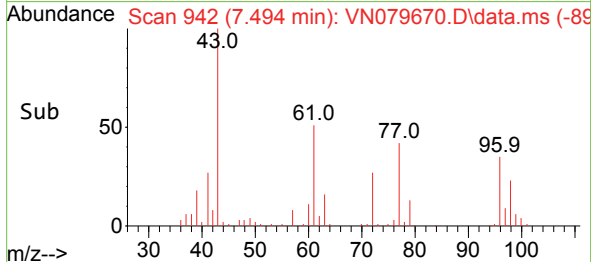
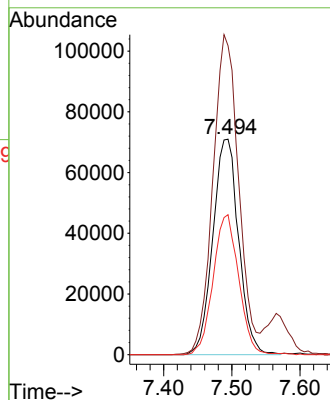
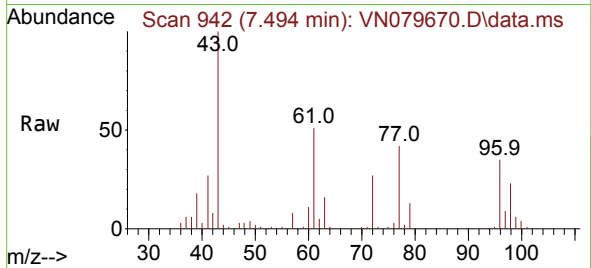




#27
 cis-1,2-Dichloroethene
 Concen: 50.646 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN079670.D
 Acq: 24 Oct 2023 20:49

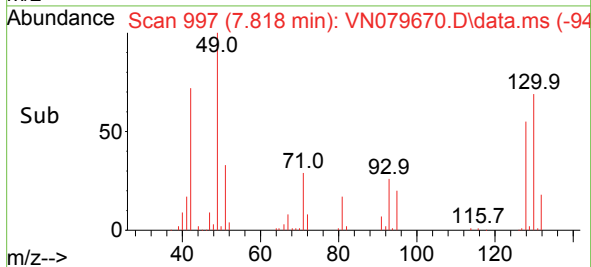
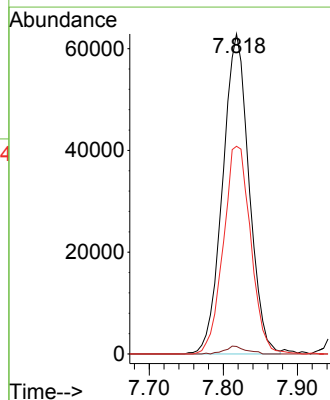
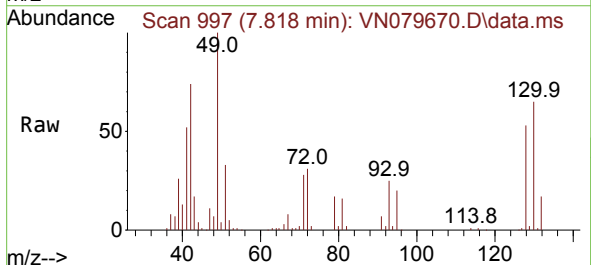
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

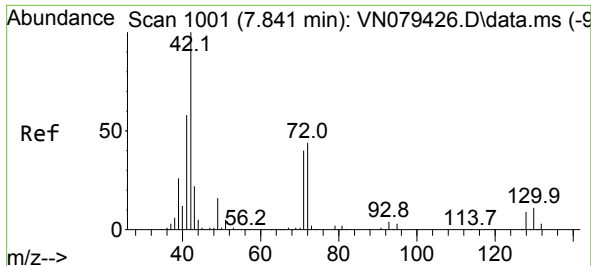
Tgt Ion: 96 Resp: 187058
 Ion Ratio Lower Upper
 96 100
 61 148.5 0.0 255.2
 98 64.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 50.626 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN079670.D
 Acq: 24 Oct 2023 20:49

Tgt Ion: 49 Resp: 155282
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 67.5 75.3 112.9#





#29

Tetrahydrofuran

Concen: 245.823 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

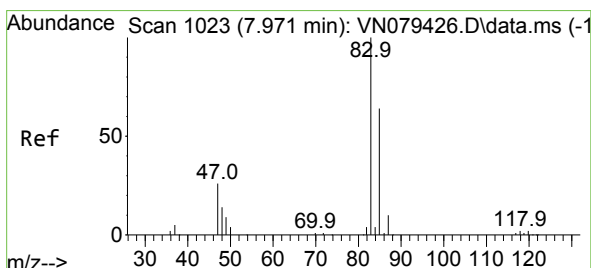
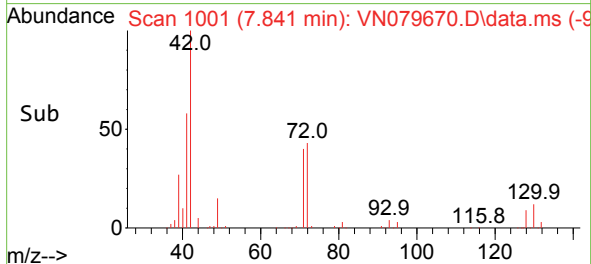
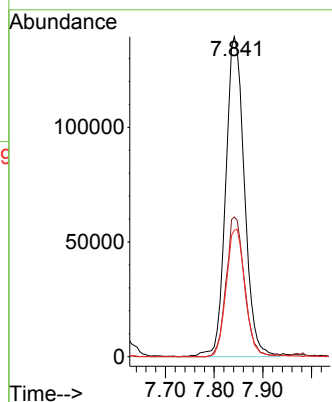
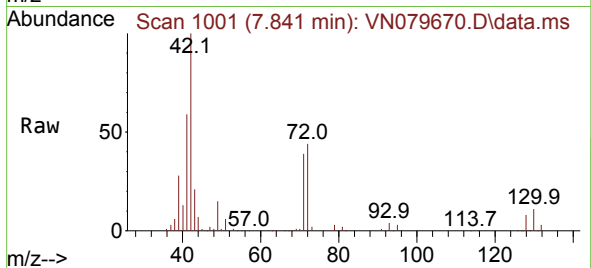
Tgt Ion: 42 Resp: 373874

Ion Ratio Lower Upper

42 100

72 42.7 49.8 74.6#

71 39.9 47.4 71.2#



#30

Chloroform

Concen: 49.348 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079670.D

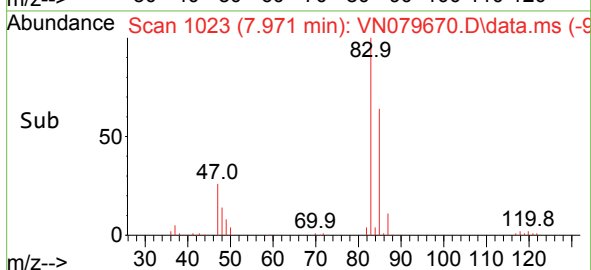
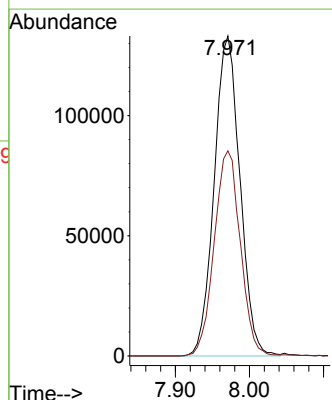
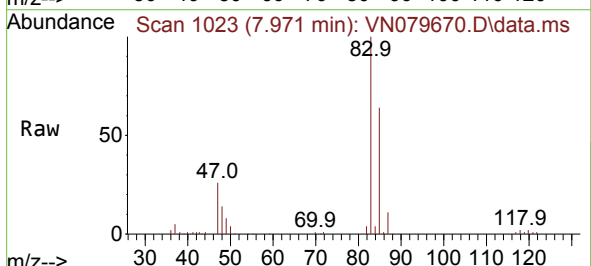
Acq: 24 Oct 2023 20:49

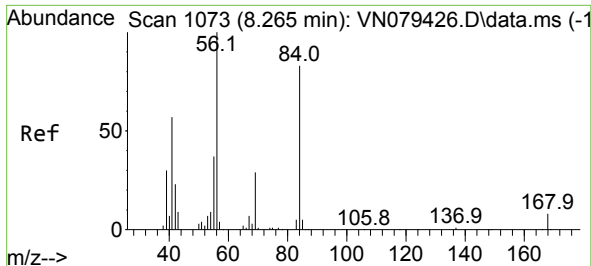
Tgt Ion: 83 Resp: 321424

Ion Ratio Lower Upper

83 100

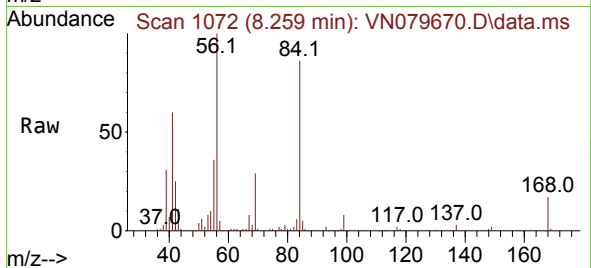
85 64.1 55.4 83.0



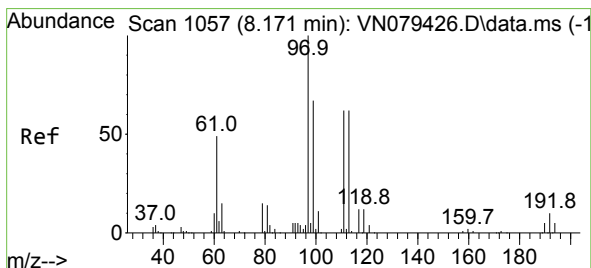
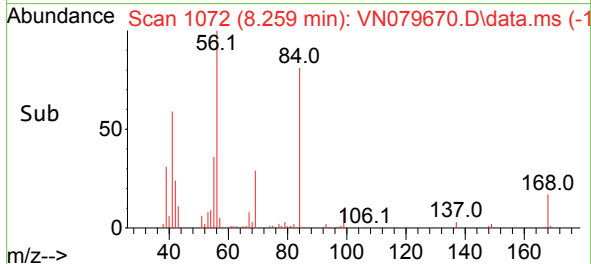
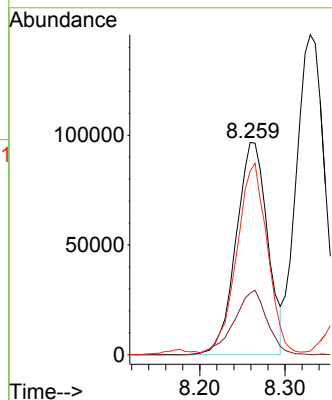


#31
Cyclohexane
Concen: 43.848 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

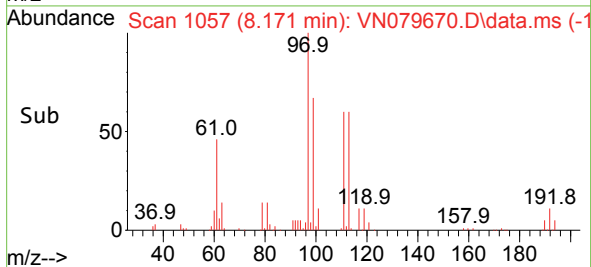
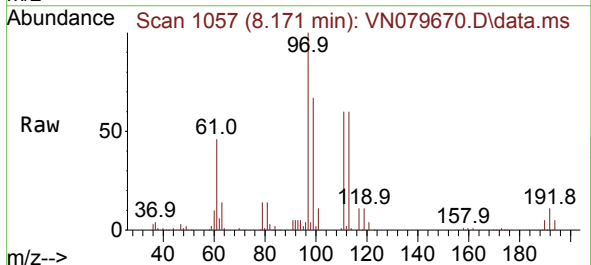
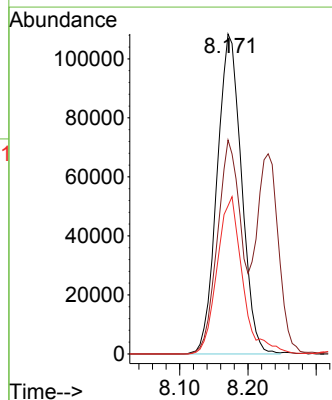


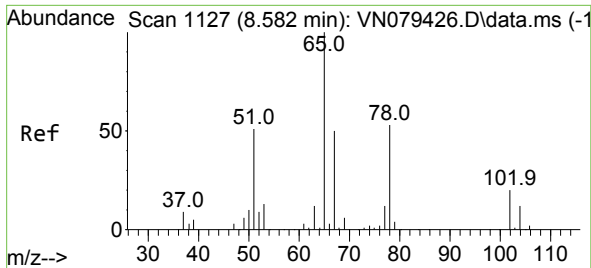
Tgt Ion: 56 Resp: 248457
Ion Ratio Lower Upper
56 100
69 28.9 26.8 40.2
84 84.0 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 49.406 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 97 Resp: 270818
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 51.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.671 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

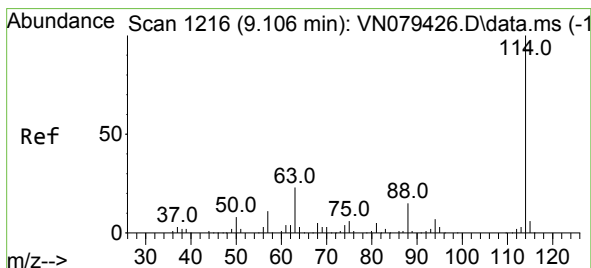
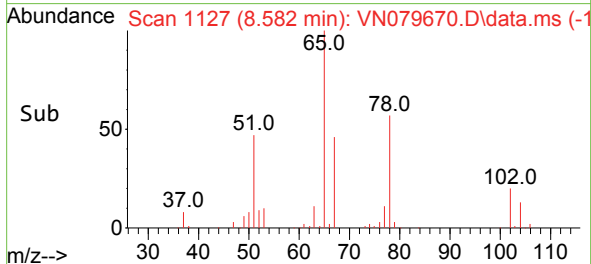
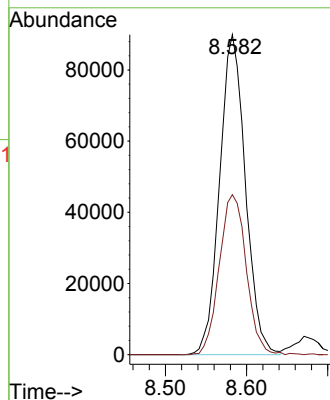
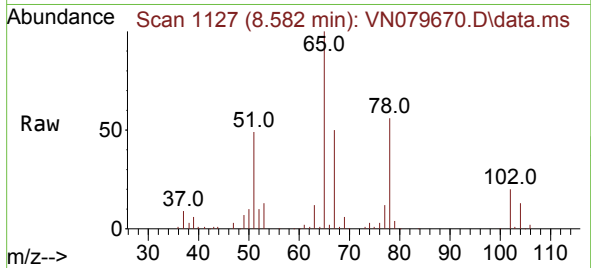
VSTDCCC050EC

Tgt Ion: 65 Resp: 198420

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: VN079670.D

Acq: 24 Oct 2023 20:49

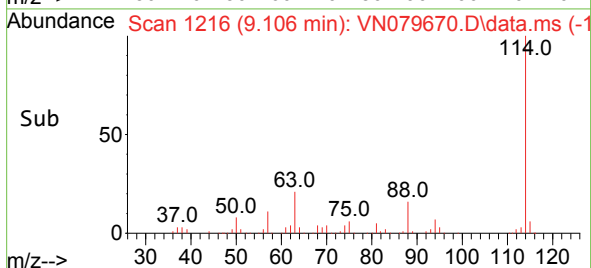
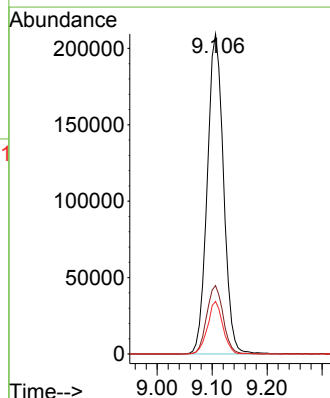
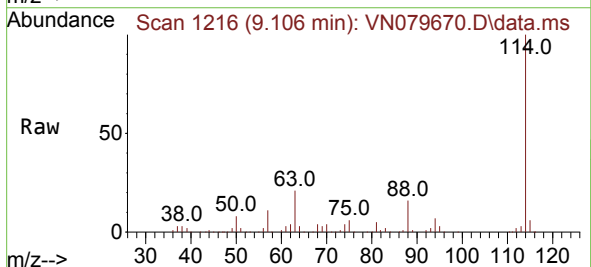
Tgt Ion: 114 Resp: 429958

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 16.4 0.0 30.6

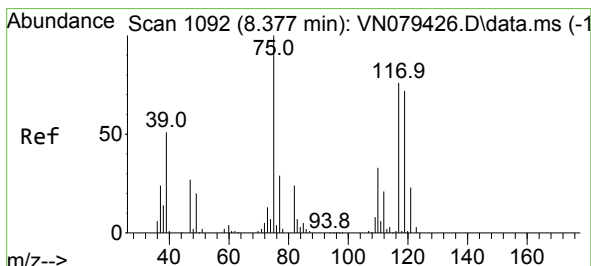
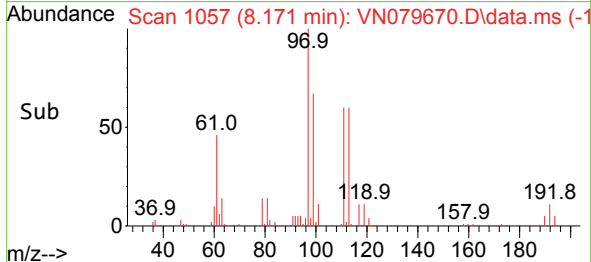
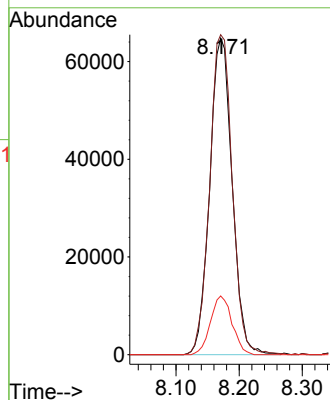
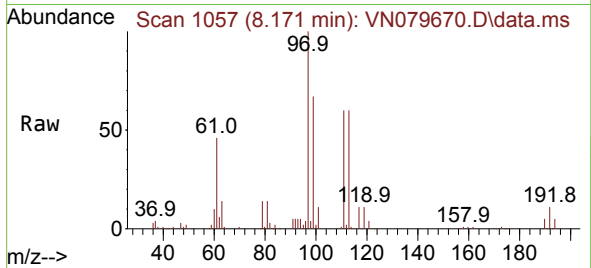




#35
Dibromofluoromethane
Concen: 51.669 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

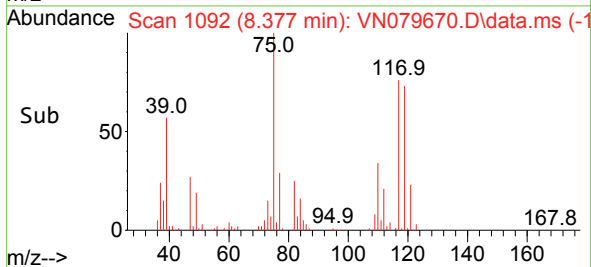
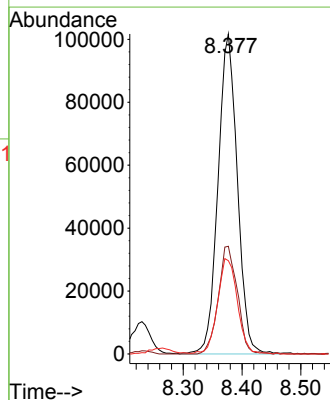
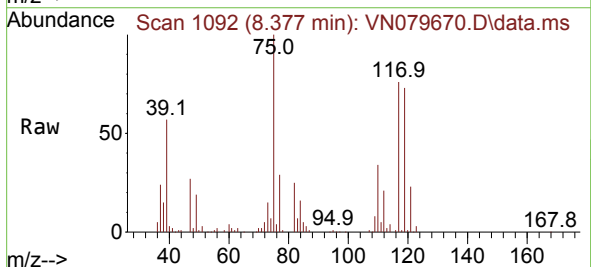
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

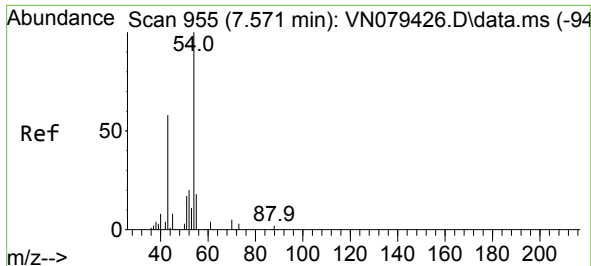
Tgt Ion:113 Resp: 159650
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 17.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 50.134 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 75 Resp: 232493
Ion Ratio Lower Upper
75 100
110 33.2 19.1 57.3
77 30.6 25.0 37.4

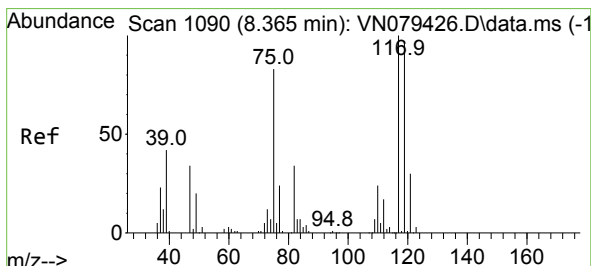
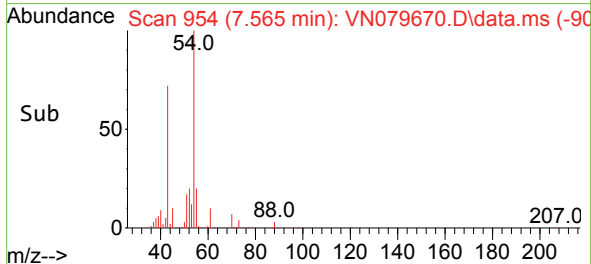
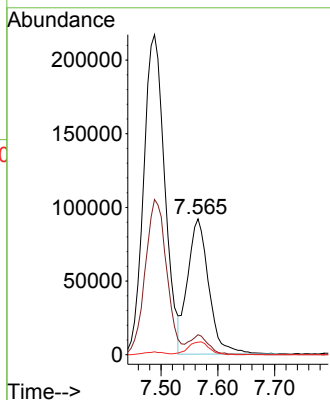
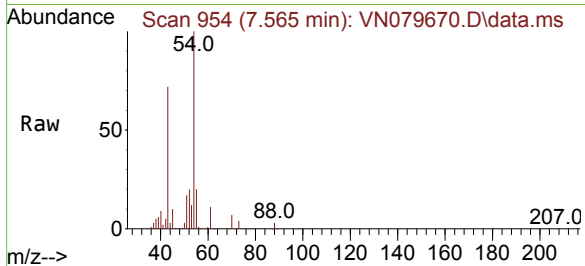




#37
Ethyl Acetate
Concen: 51.643 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

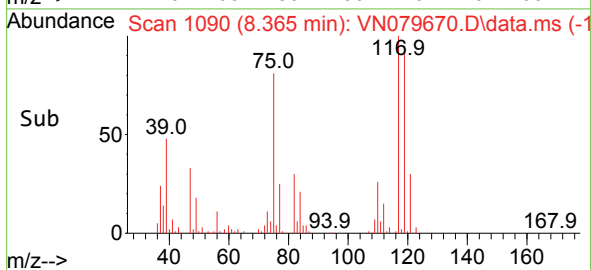
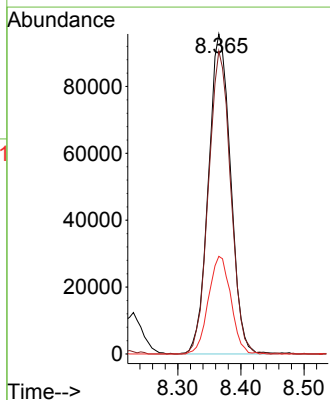
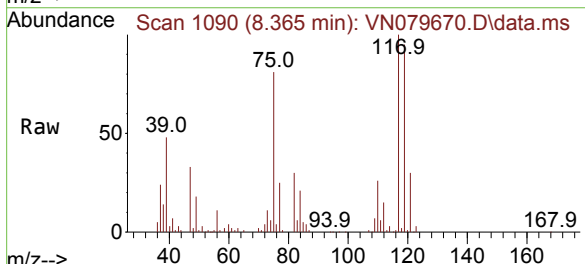
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

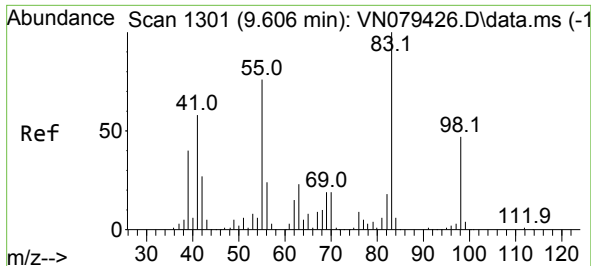
Tgt Ion: 43 Resp: 238302
Ion Ratio Lower Upper
43 100
61 12.7 13.2 19.8#
70 9.4 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 50.316 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 117 Resp: 233594
Ion Ratio Lower Upper
117 100
119 94.7 77.3 115.9
121 30.5 23.3 34.9

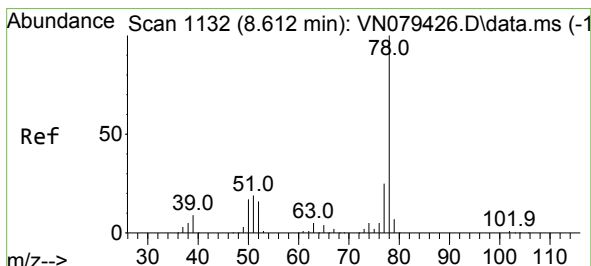
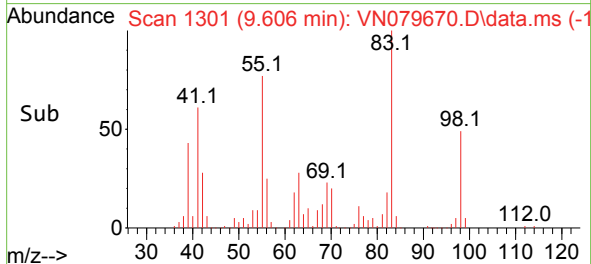
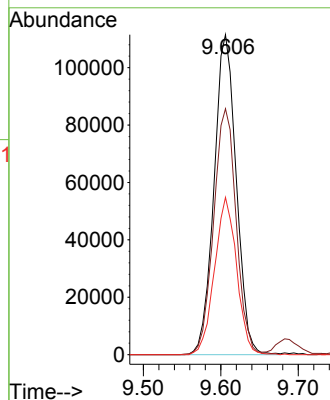
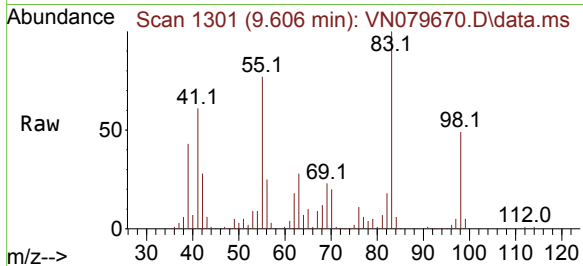




#39
Methylcyclohexane
Concen: 49.863 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

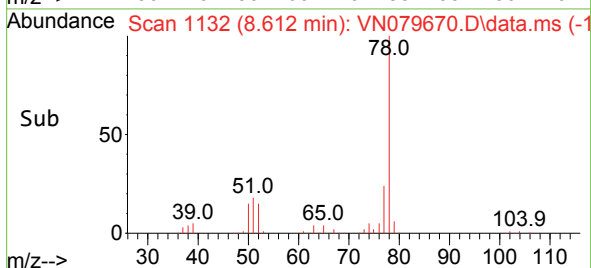
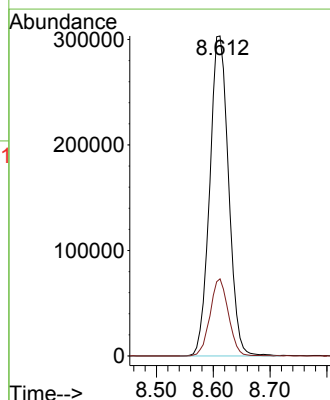
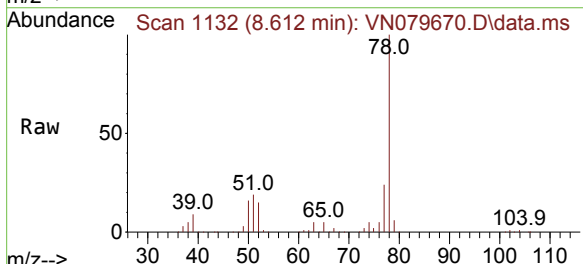
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

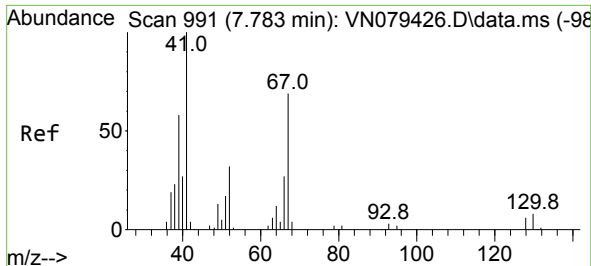
Tgt Ion: 83 Resp: 222162
Ion Ratio Lower Upper
83 100
55 76.9 49.1 73.7#
98 49.2 40.6 61.0



#40
Benzene
Concen: 50.640 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 78 Resp: 697429
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6



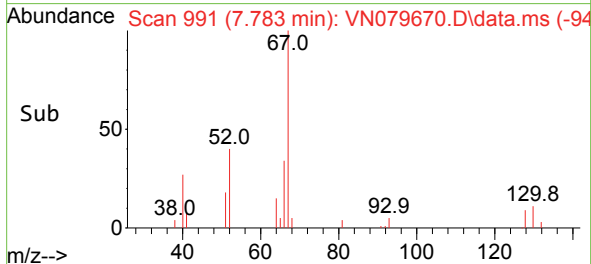
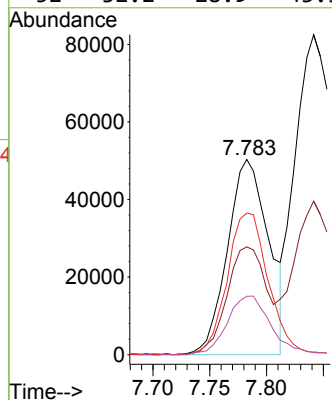
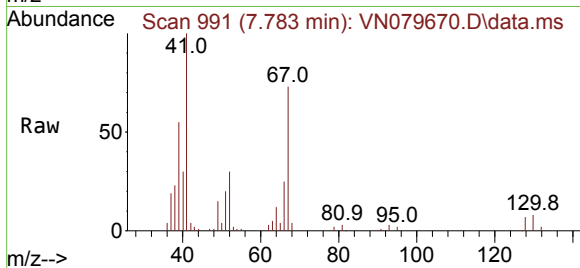


#41
Methacrylonitrile
Concen: 52.386 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 127084

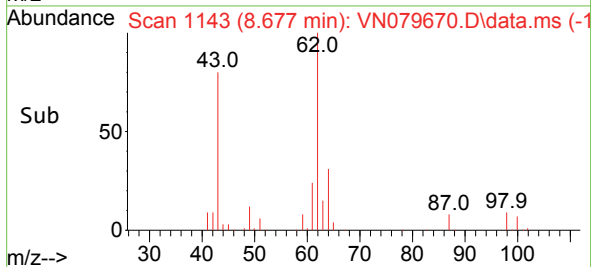
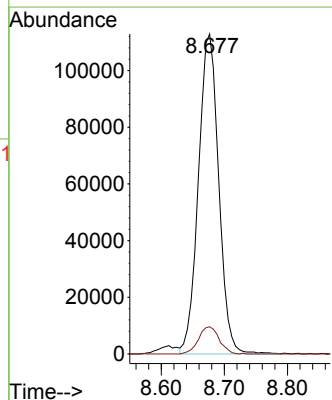
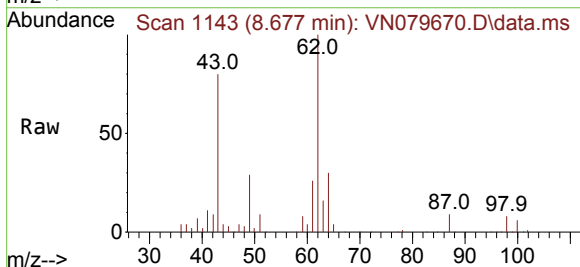
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.6	64.0
67	72.4	77.5	116.3
52	32.2	28.9	43.3

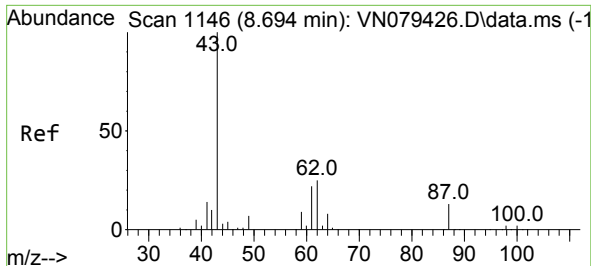


#42
1,2-Dichloroethane
Concen: 50.410 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 62 Resp: 252269

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.8

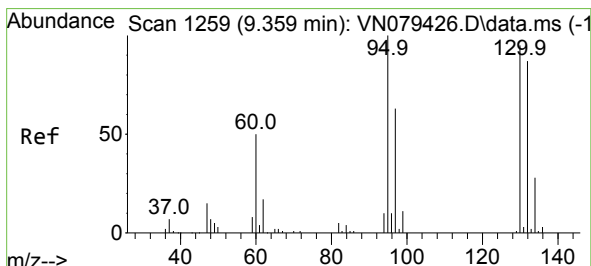
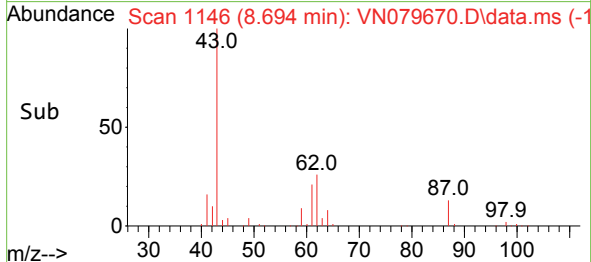
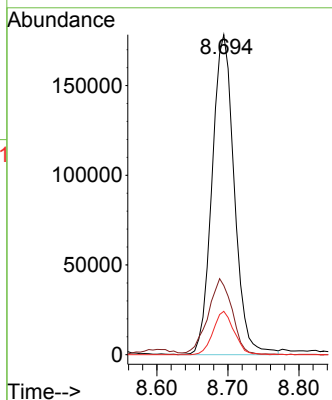
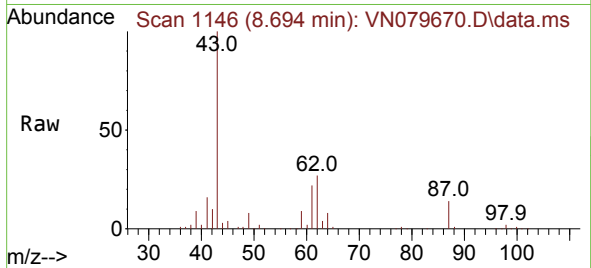




#43
Isopropyl Acetate
Concen: 47.804 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

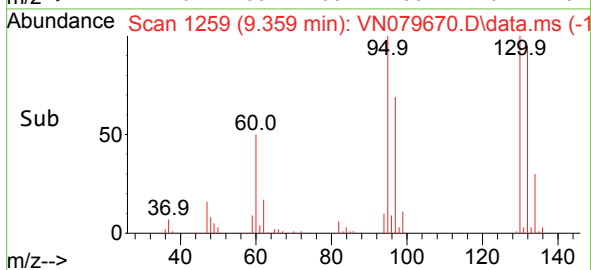
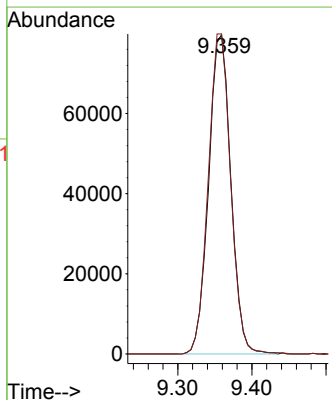
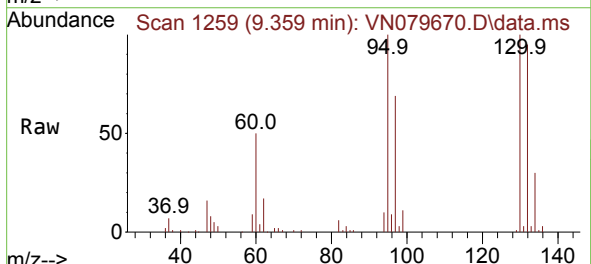
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

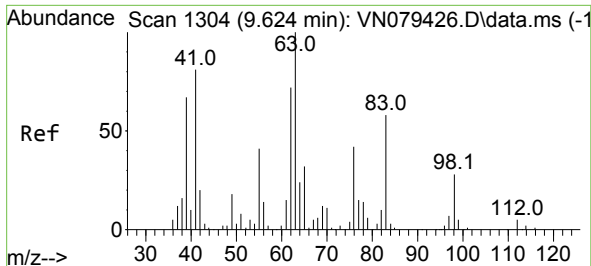
Tgt Ion: 43 Resp: 386460
Ion Ratio Lower Upper
43 100
61 25.5 24.7 37.1
87 12.8 14.6 21.8#



#44
Trichloroethene
Concen: 51.181 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion:130 Resp: 165904
Ion Ratio Lower Upper
130 100
95 100.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 51.697 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

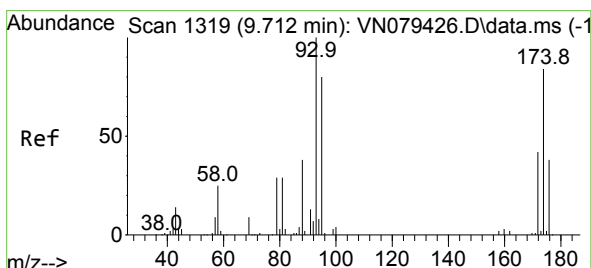
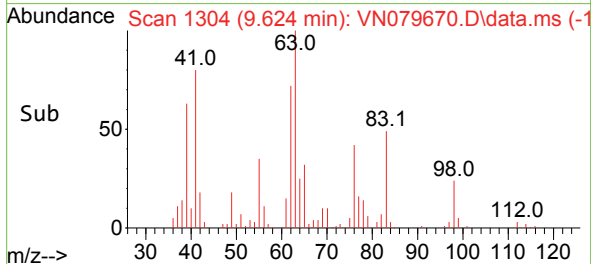
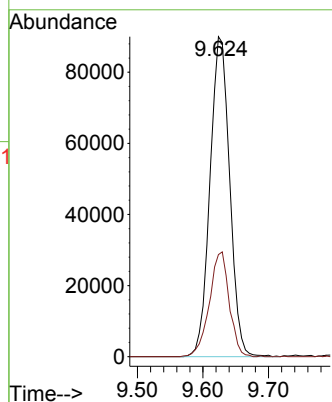
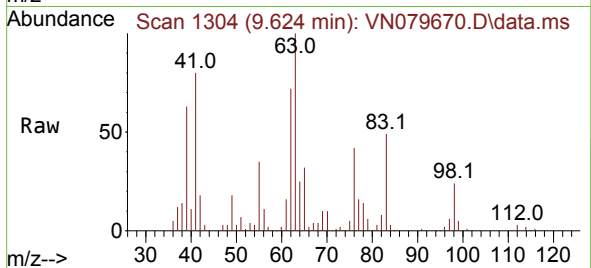
VSTDCCC050EC

Tgt Ion: 63 Resp: 187591

Ion Ratio Lower Upper

63 100

65 31.9 23.9 35.9



#46

Dibromomethane

Concen: 51.708 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

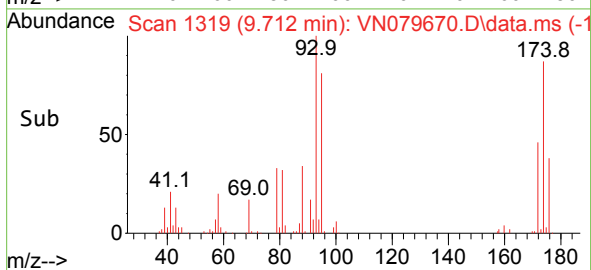
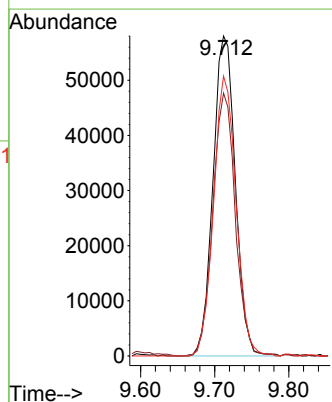
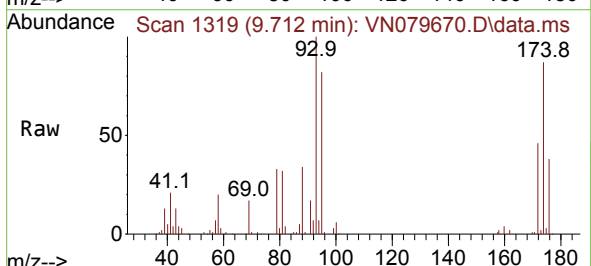
Tgt Ion: 93 Resp: 121522

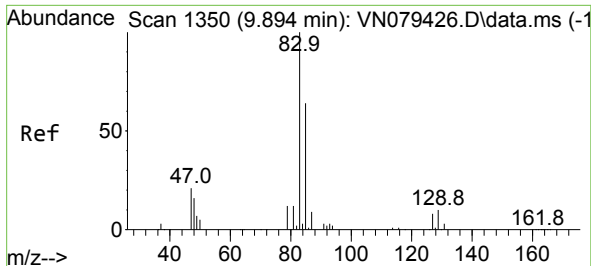
Ion Ratio Lower Upper

93 100

95 82.7 63.8 95.8

174 87.9 65.6 98.4

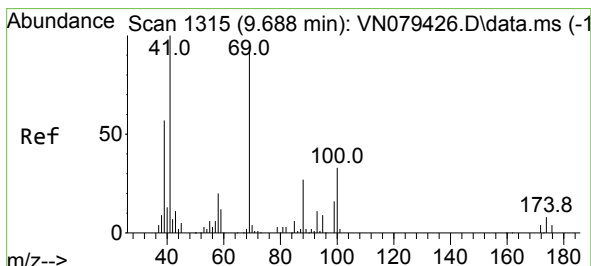
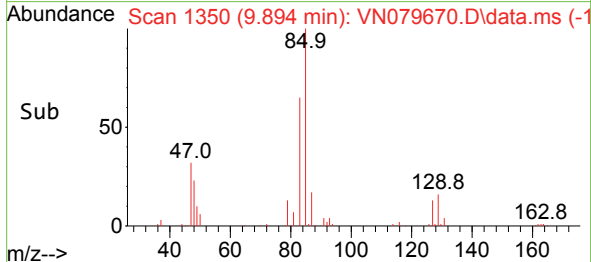
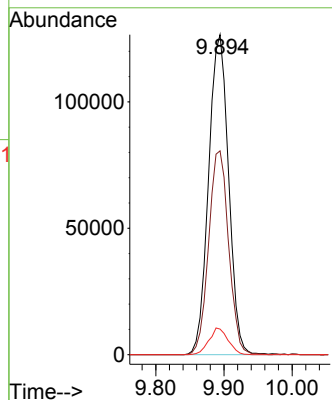
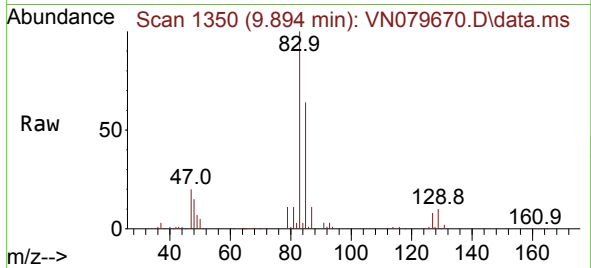




#47
Bromodichloromethane
Concen: 53.412 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

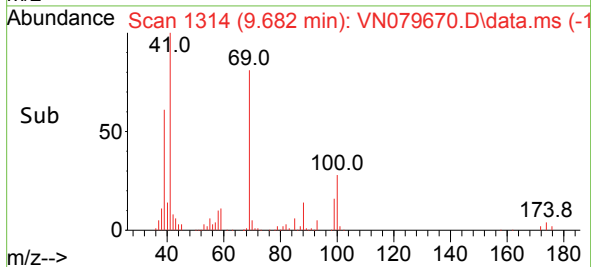
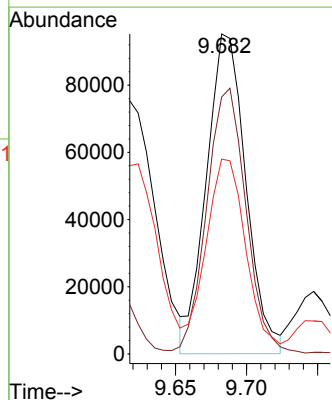
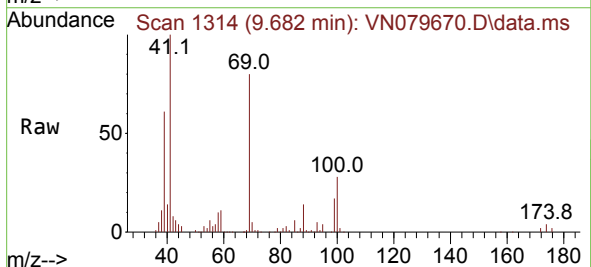
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

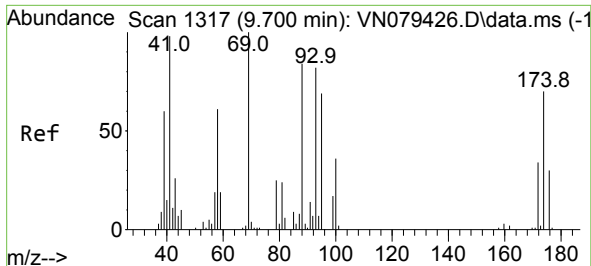
Tgt Ion: 83 Resp: 258210
Ion Ratio Lower Upper
83 100
85 63.7 49.6 74.4
127 8.0 7.0 10.6



#48
Methyl methacrylate
Concen: 53.154 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 41 Resp: 184137
Ion Ratio Lower Upper
41 100
69 83.6 90.4 135.6#
39 62.4 54.6 81.8





#49

1,4-Dioxane

Concen: 983.644 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

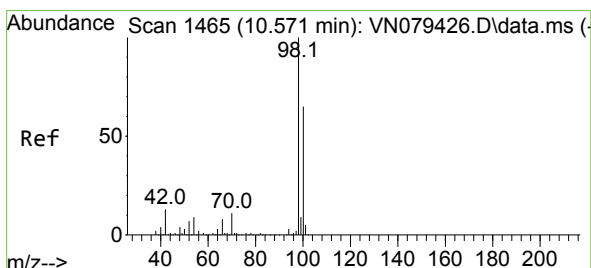
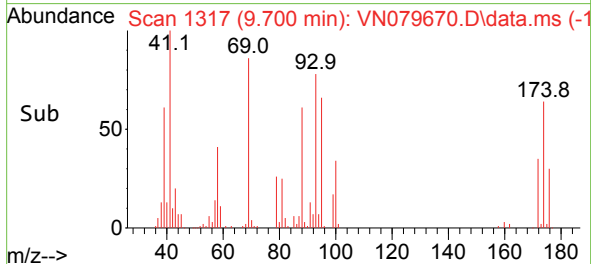
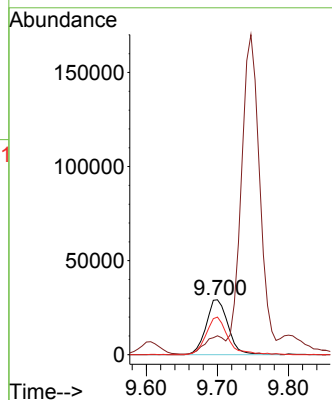
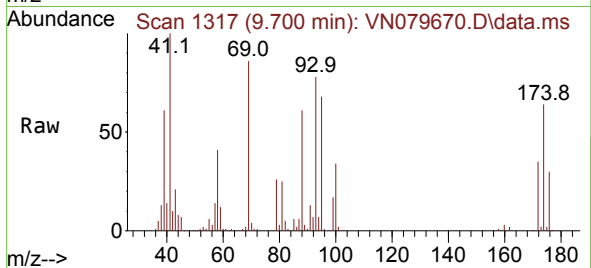
Tgt Ion: 88 Resp: 62766

Ion Ratio Lower Upper

88 100

43 30.2 17.0 25.6#

58 68.9 47.0 70.4



#50

Toluene-d8

Concen: 52.181 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079670.D

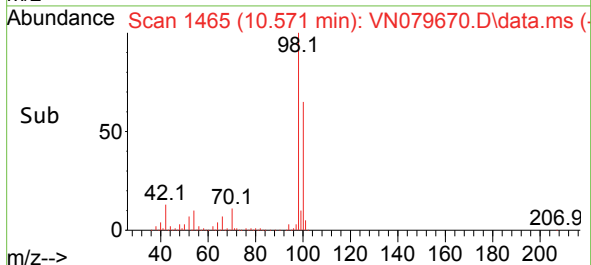
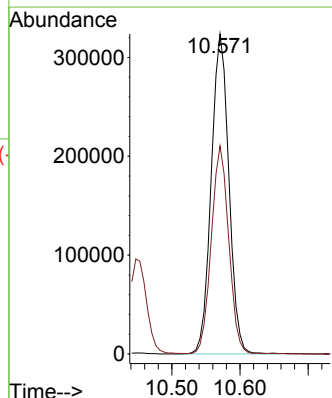
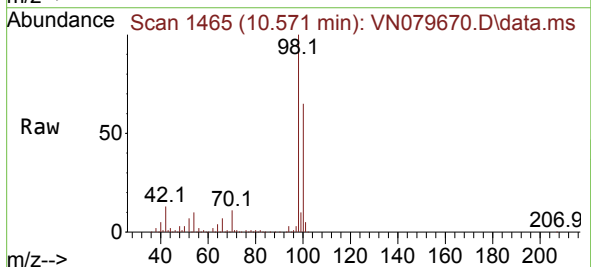
Acq: 24 Oct 2023 20:49

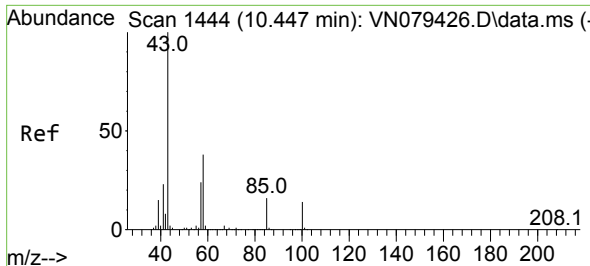
Tgt Ion: 98 Resp: 583380

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

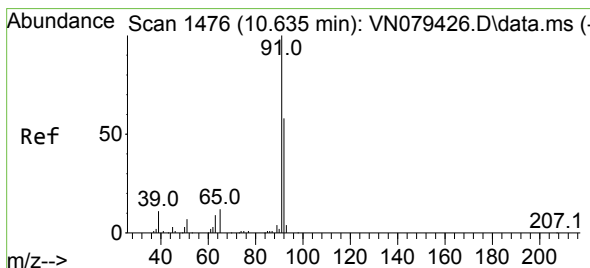
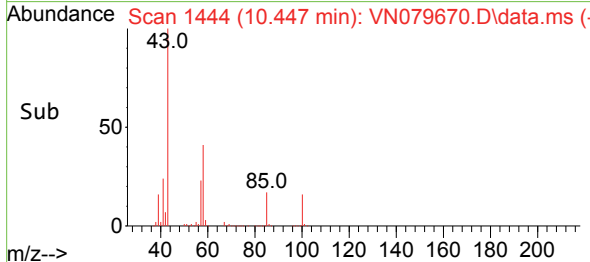
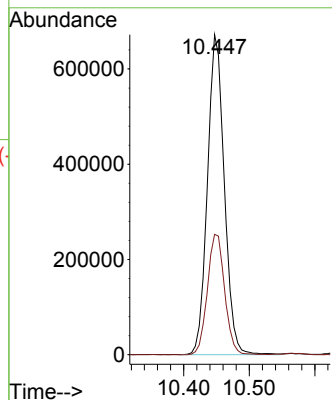
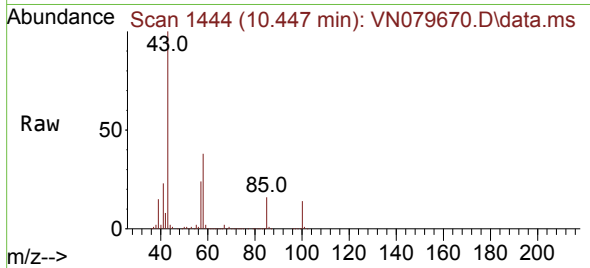




#51
4-Methyl-2-Pentanone
Concen: 263.396 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

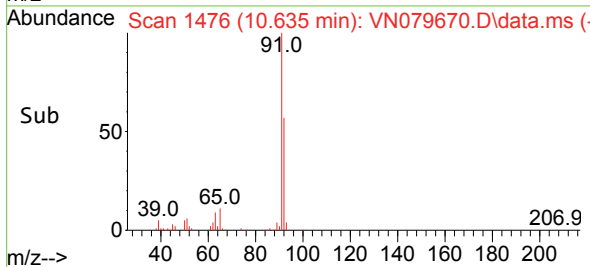
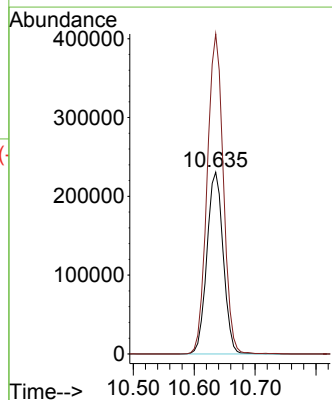
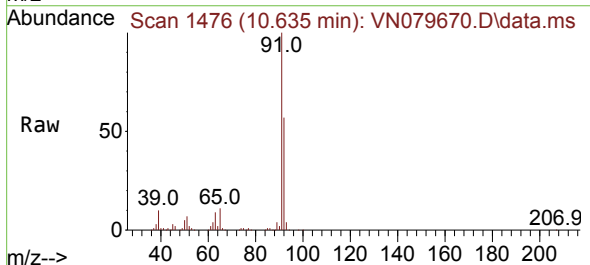
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

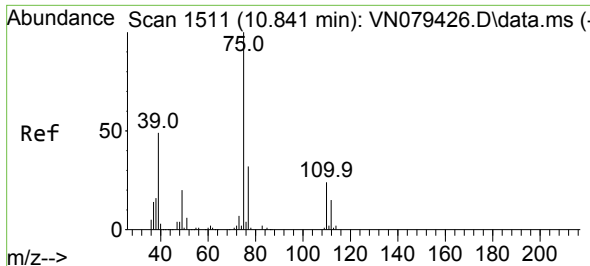
Tgt Ion: 43 Resp: 1202015
Ion Ratio Lower Upper
43 100
58 38.5 36.6 54.8



#52
Toluene
Concen: 52.854 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 92 Resp: 428484
Ion Ratio Lower Upper
92 100
91 174.7 137.4 206.0

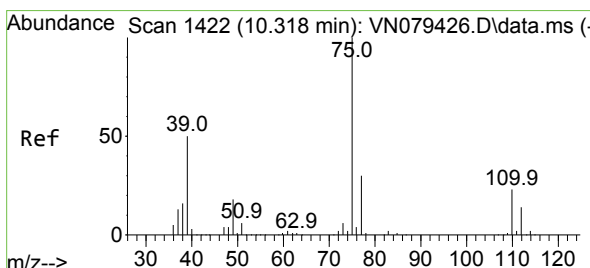
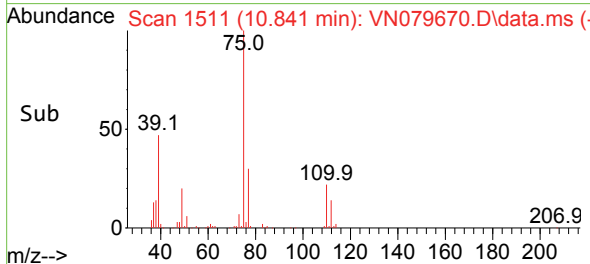
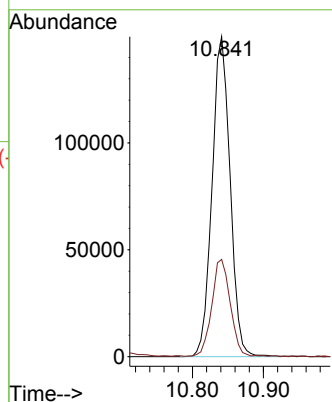
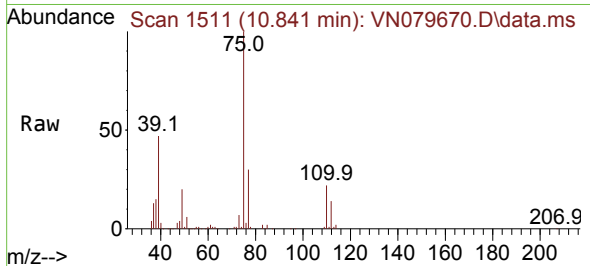




#53
t-1,3-Dichloropropene
Concen: 54.229 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

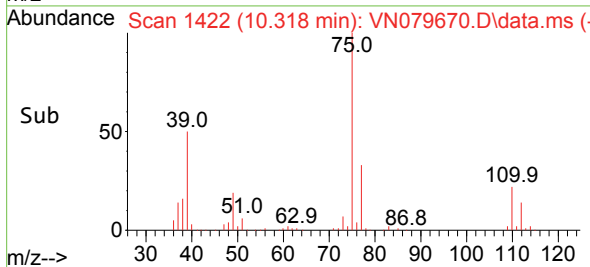
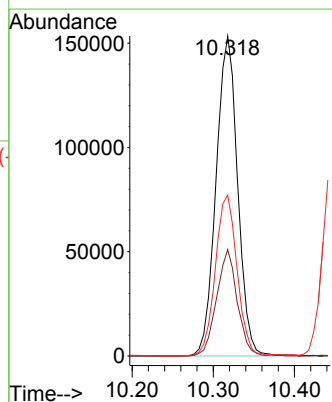
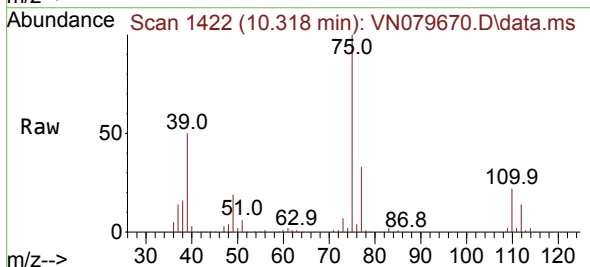
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

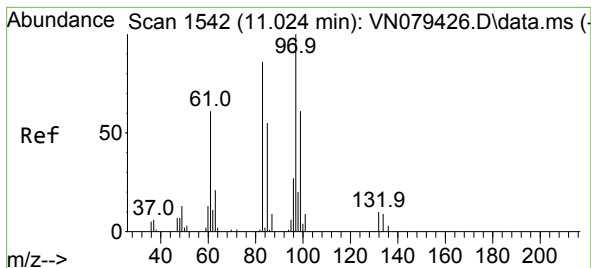
Tgt Ion: 75 Resp: 264191
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 53.129 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 75 Resp: 283342
Ion Ratio Lower Upper
75 100
77 33.2 26.1 39.1
39 50.3 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 53.701 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 174778

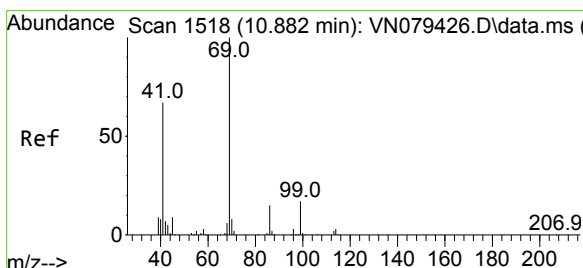
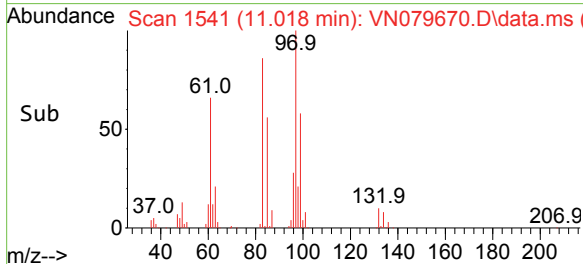
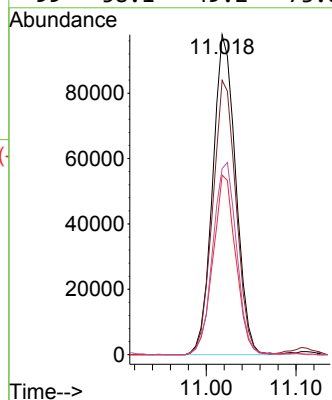
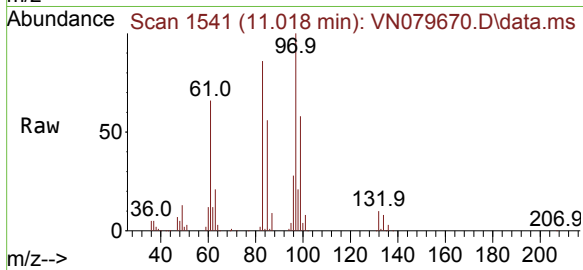
Ion Ratio Lower Upper

97 100

83 85.8 65.1 97.7

85 56.1 43.4 65.2

99 58.1 49.2 73.8



#56

Ethyl methacrylate

Concen: 57.672 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

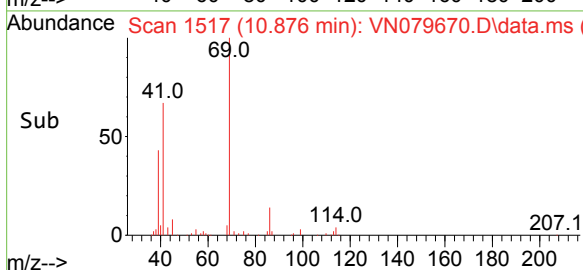
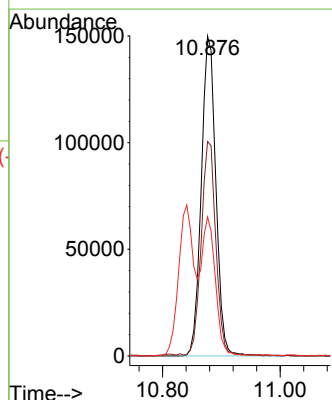
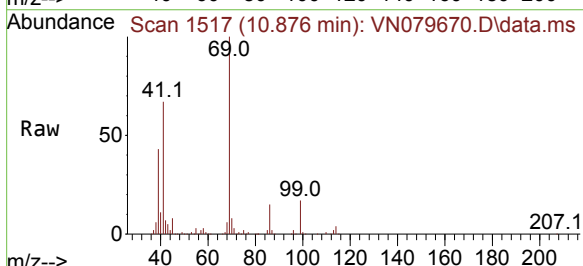
Tgt Ion: 69 Resp: 257926

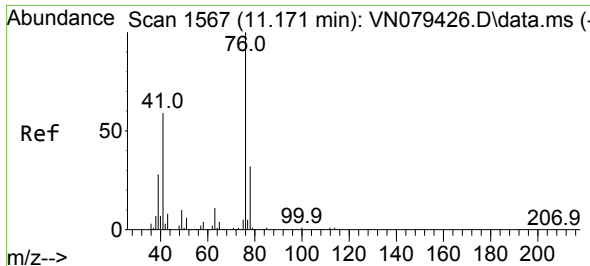
Ion Ratio Lower Upper

69 100

41 66.9 39.6 59.4#

39 41.0 28.6 43.0





#57

1,3-Dichloropropane

Concen: 53.767 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

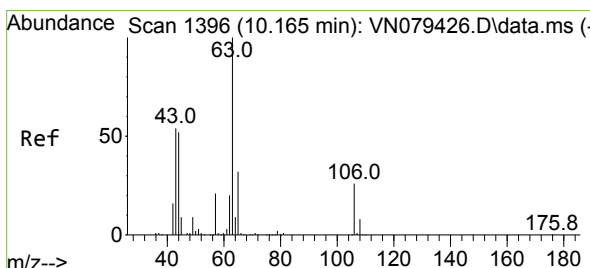
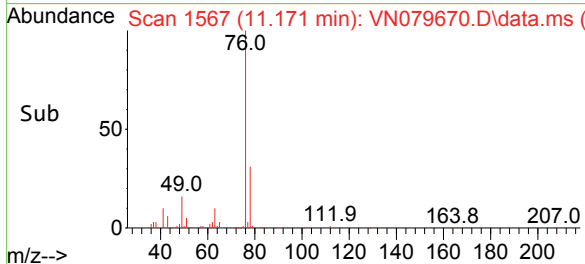
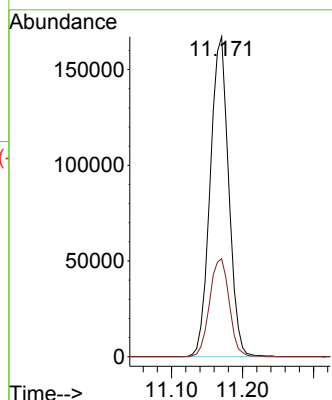
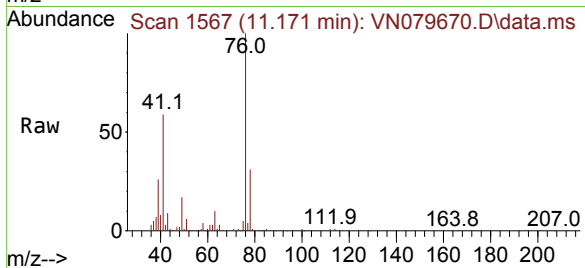
VSTDCCC050EC

Tgt Ion: 76 Resp: 302167

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 273.076 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079670.D

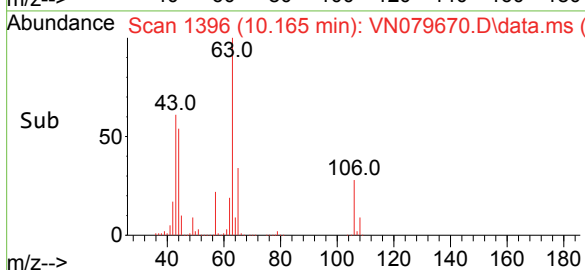
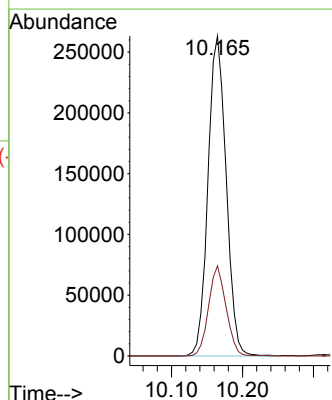
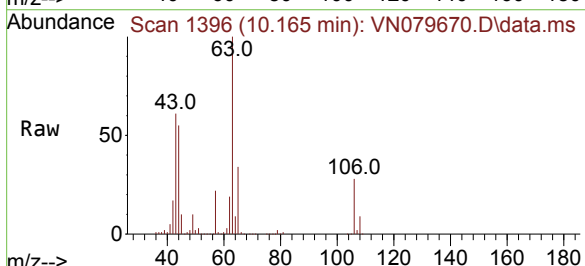
Acq: 24 Oct 2023 20:49

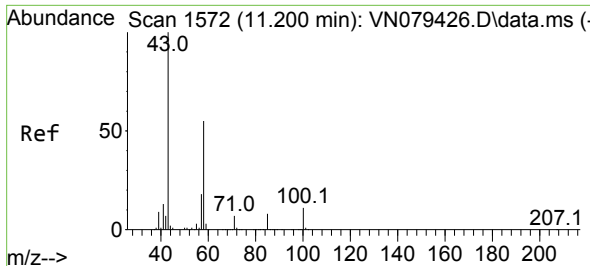
Tgt Ion: 63 Resp: 467707

Ion Ratio Lower Upper

63 100

106 27.1 26.2 39.4

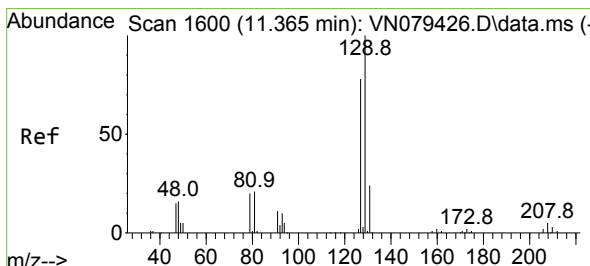
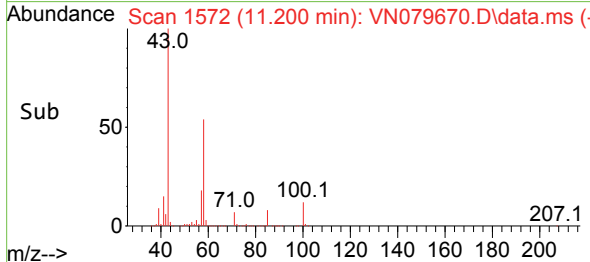
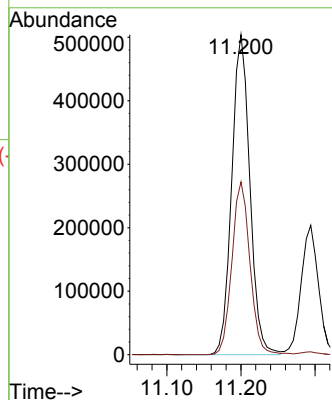
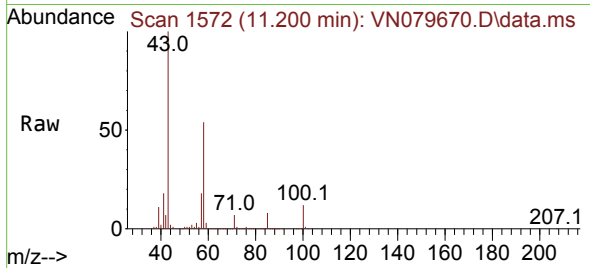




#59
2-Hexanone
Concen: 259.760 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

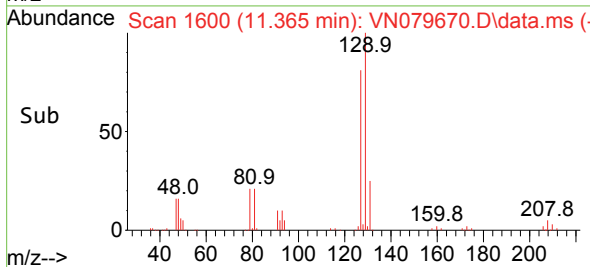
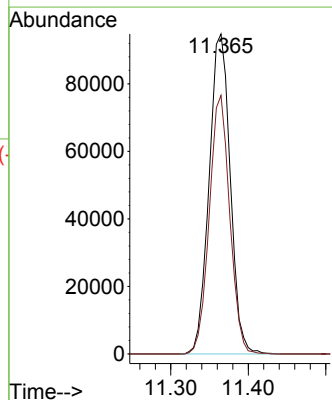
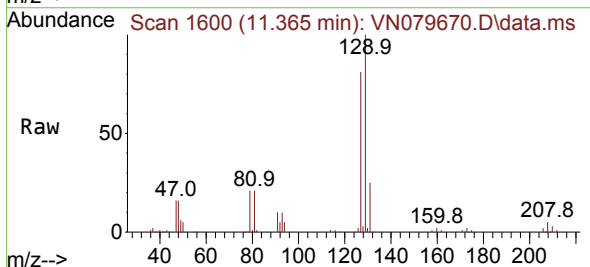
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

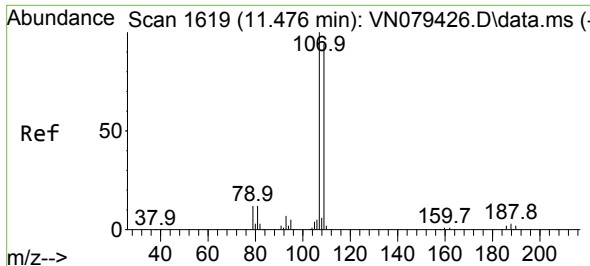
Tgt Ion: 43 Resp: 855409
Ion Ratio Lower Upper
43 100
58 53.9 31.7 95.1



#60
Dibromochloromethane
Concen: 54.950 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion:129 Resp: 179742
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0

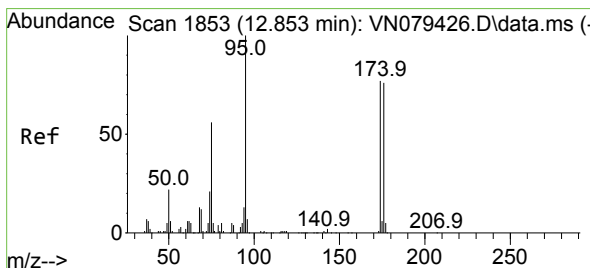
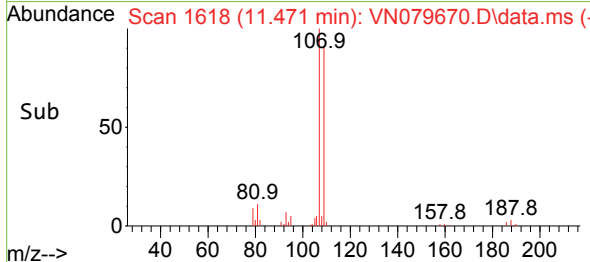
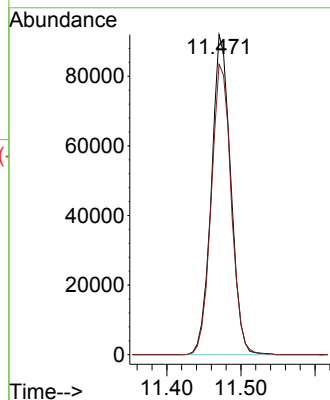
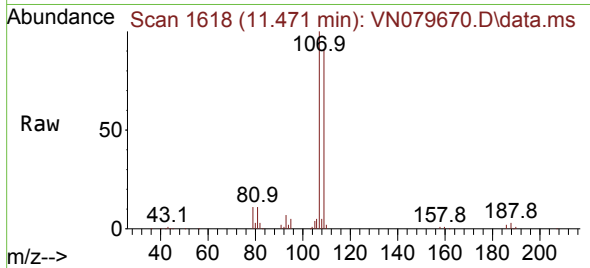




#61
1,2-Dibromoethane
Concen: 51.528 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

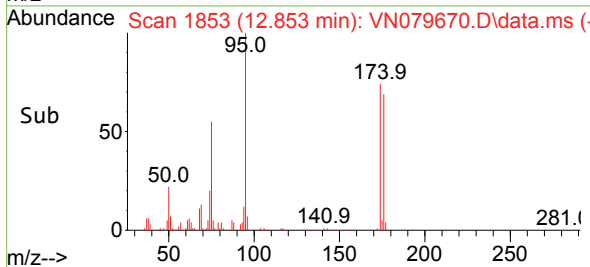
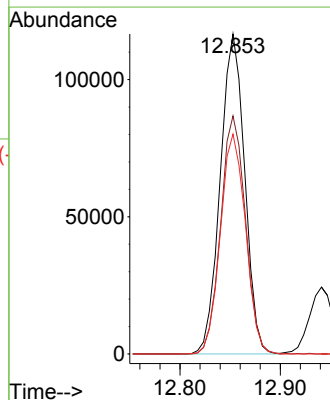
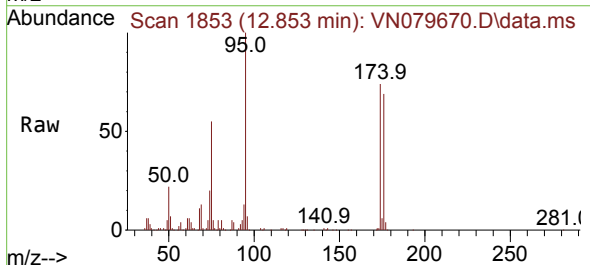
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

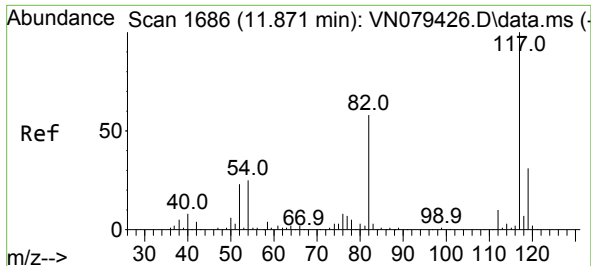
Tgt Ion:107 Resp: 166430
Ion Ratio Lower Upper
107 100
109 93.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 54.914 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 95 Resp: 197024
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 70.6 0.0 135.8

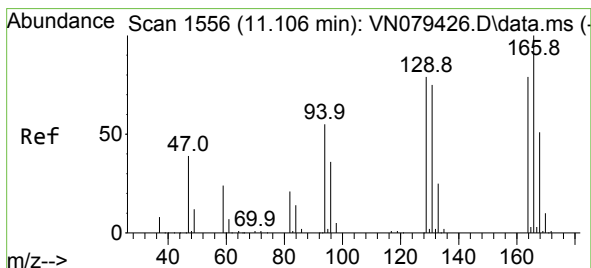
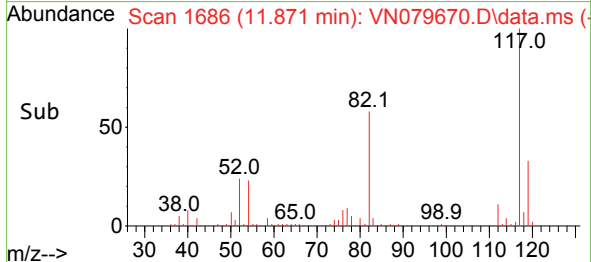
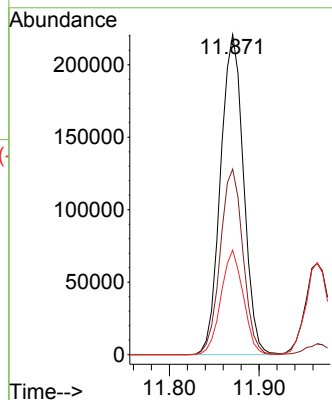
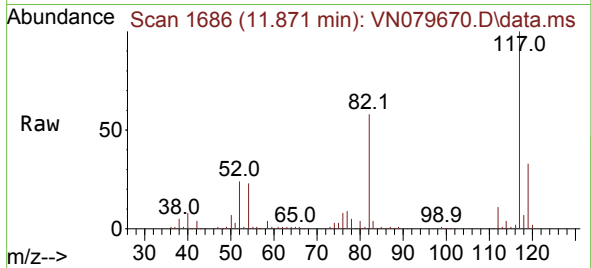




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

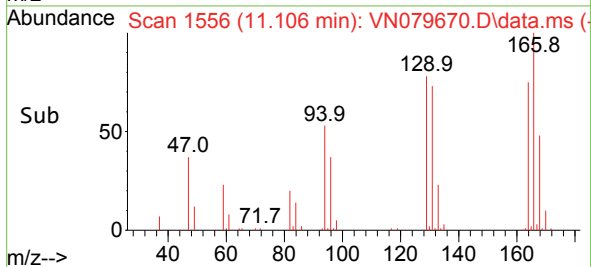
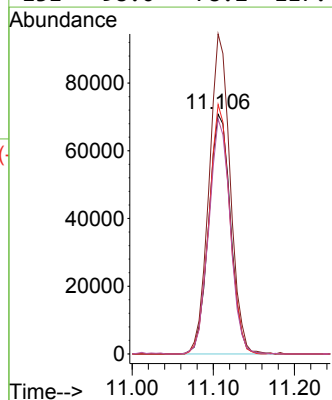
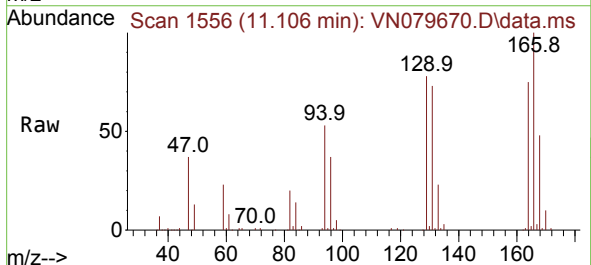
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

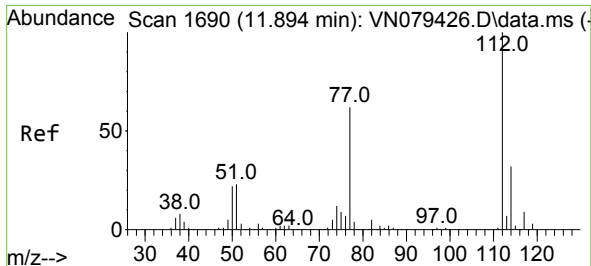
Tgt Ion:117 Resp: 392914
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 48.889 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion:164 Resp: 132145
Ion Ratio Lower Upper
164 100
166 133.5 101.4 152.0
129 104.1 82.4 123.6
131 98.0 78.2 117.4

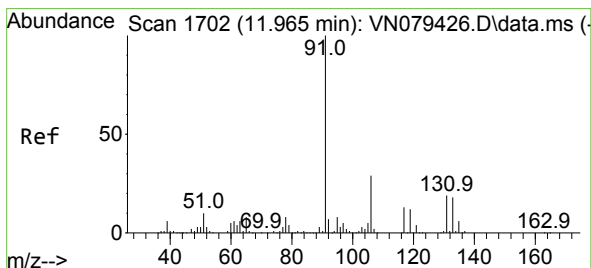
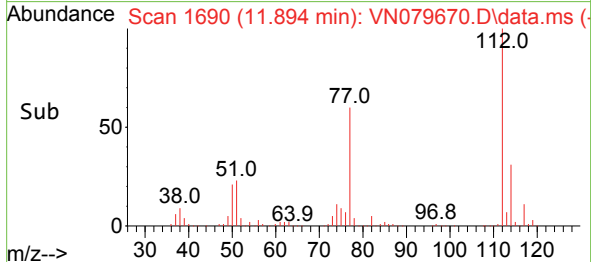
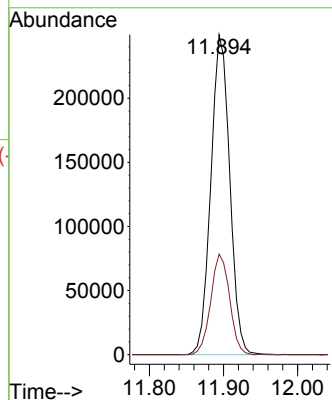
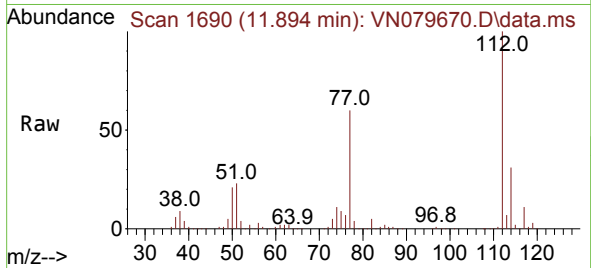




#65
Chlorobenzene
Concen: 50.545 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

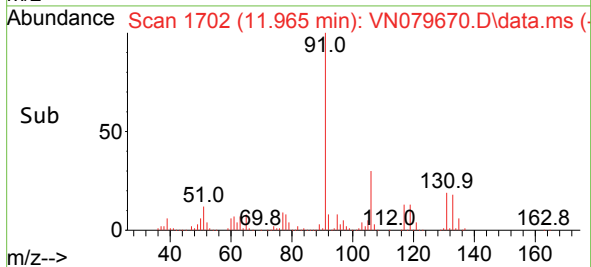
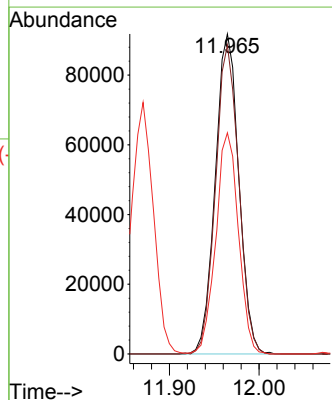
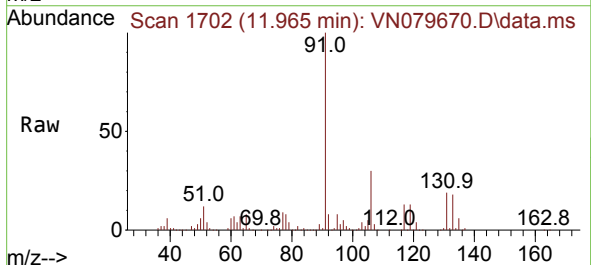
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

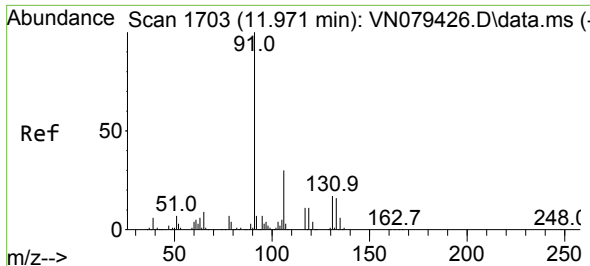
Tgt Ion:112 Resp: 442282
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.263 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion:131 Resp: 167445
Ion Ratio Lower Upper
131 100
133 95.0 46.4 139.1
119 66.5 34.1 102.2

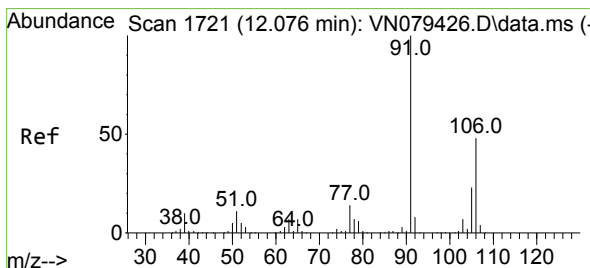
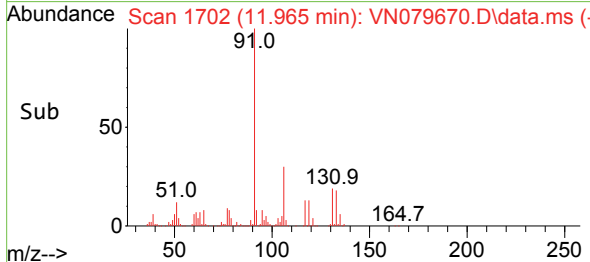
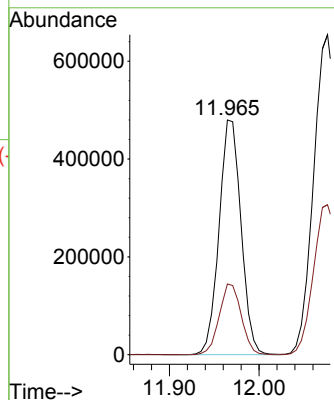
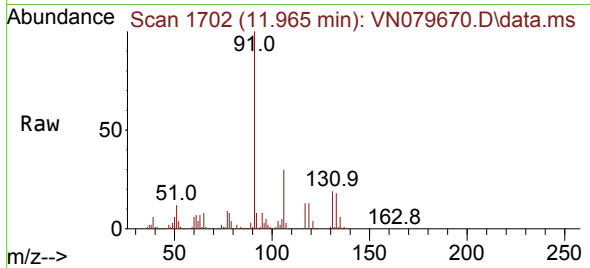




#67
Ethyl Benzene
Concen: 53.664 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

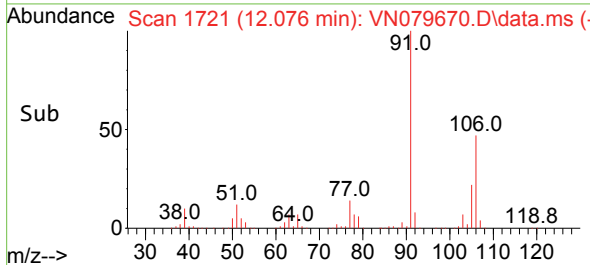
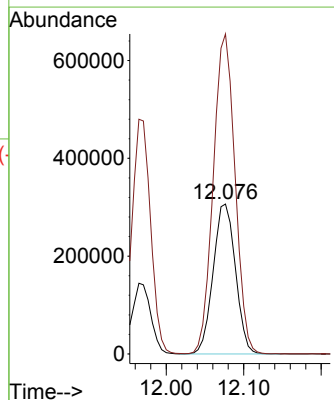
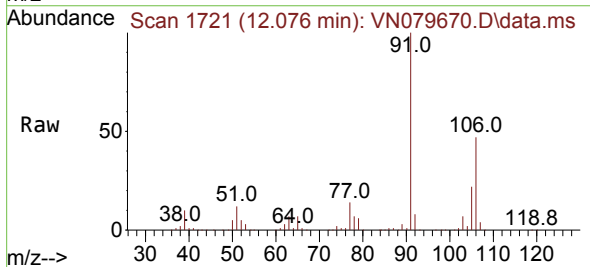
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

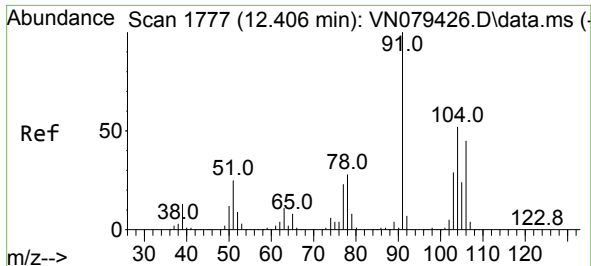
Tgt Ion: 91 Resp: 816168
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4



#68
m/p-Xylenes
Concen: 110.813 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion:106 Resp: 612364
Ion Ratio Lower Upper
106 100
91 208.4 159.6 239.4

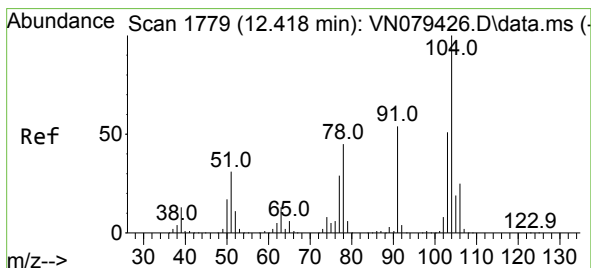
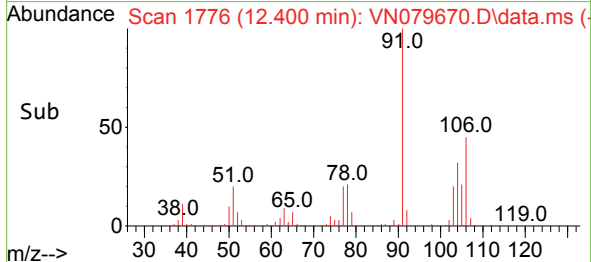
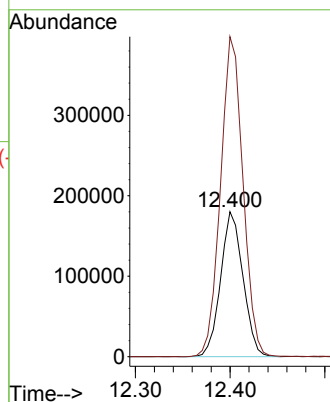
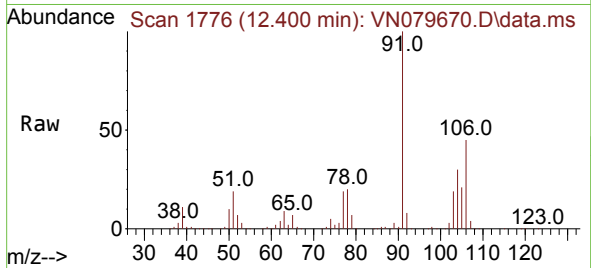




#69
o-Xylene
Concen: 54.462 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

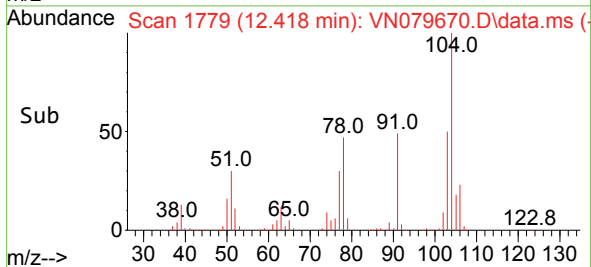
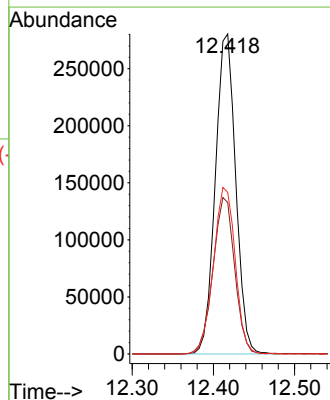
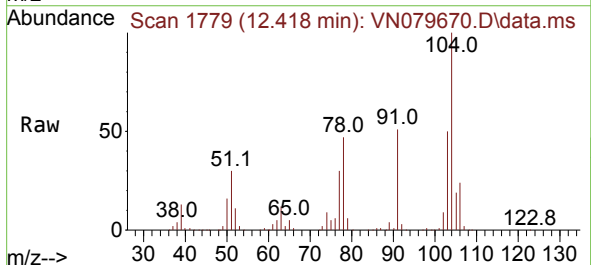
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

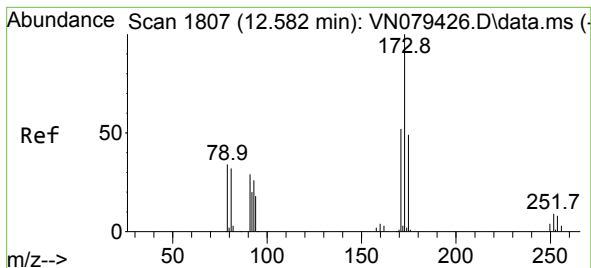
Tgt Ion:106 Resp: 295980
Ion Ratio Lower Upper
106 100
91 221.8 105.2 315.5



#70
Styrene
Concen: 57.103 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion:104 Resp: 490189
Ion Ratio Lower Upper
104 100
78 52.1 39.5 59.3
103 55.7 43.2 64.8





#71

Bromoform

Concen: 52.329 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

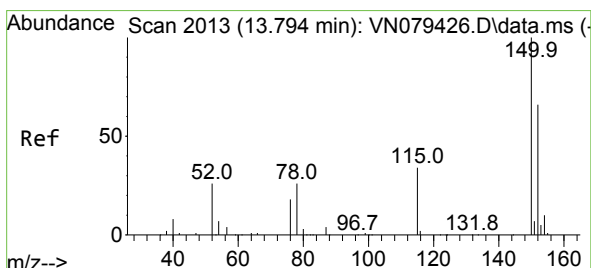
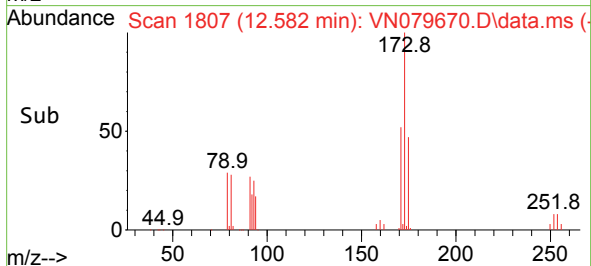
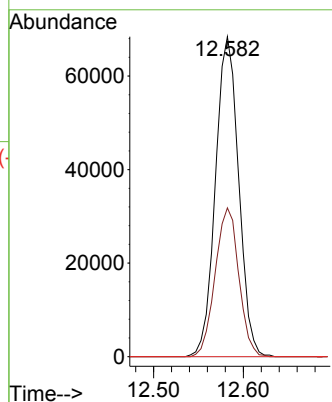
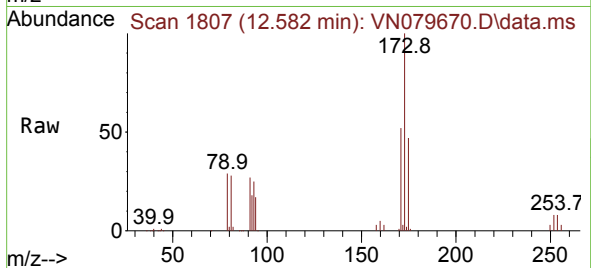
Tgt Ion:173 Resp: 122703

Ion Ratio Lower Upper

173 100

175 47.4 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

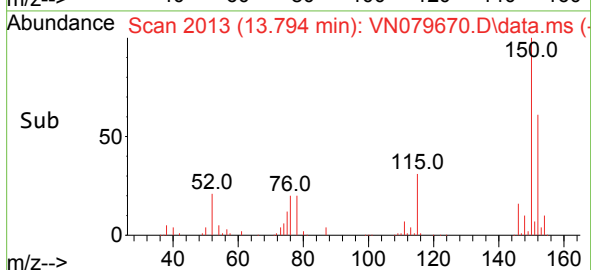
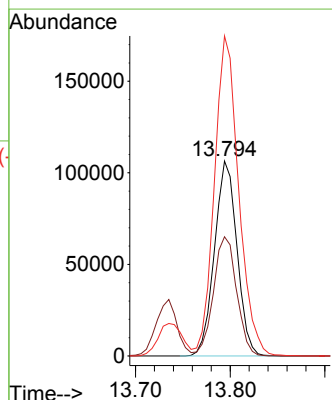
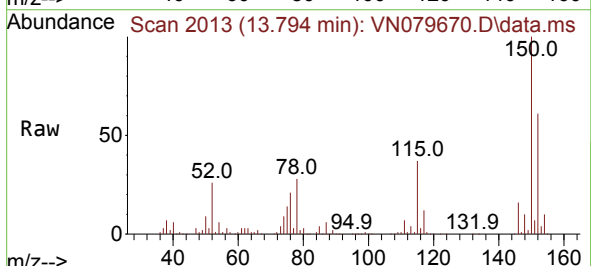
Tgt Ion:152 Resp: 175354

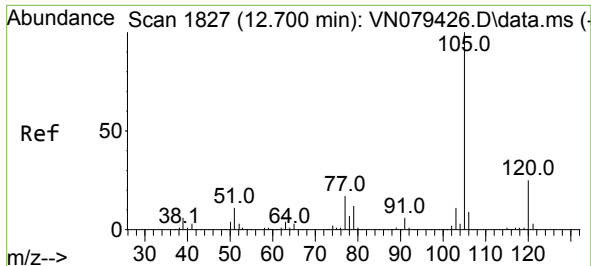
Ion Ratio Lower Upper

152 100

115 63.2 32.3 96.8

150 177.3 0.0 355.8

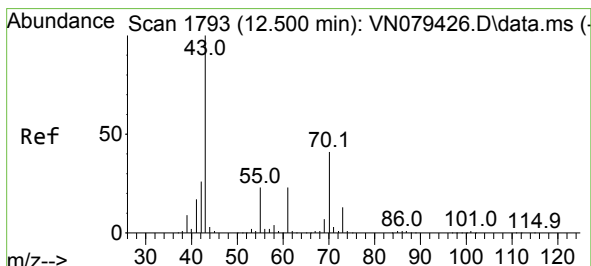
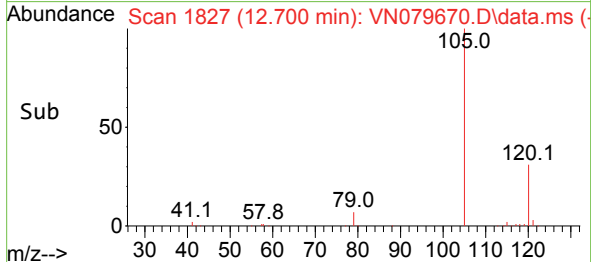
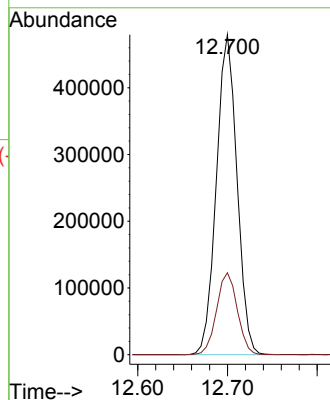
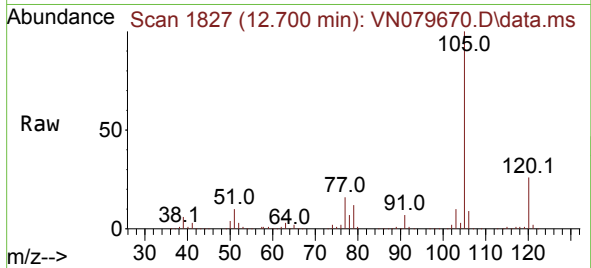




#73
Isopropylbenzene
Concen: 46.863 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

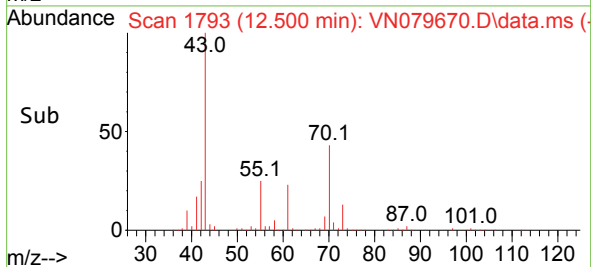
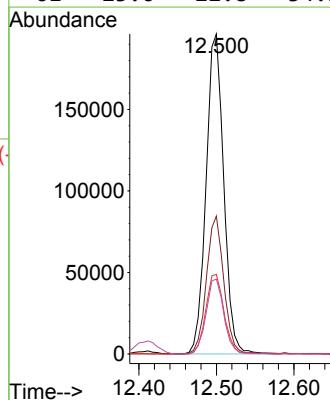
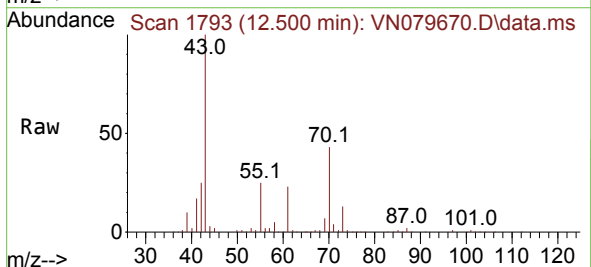
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

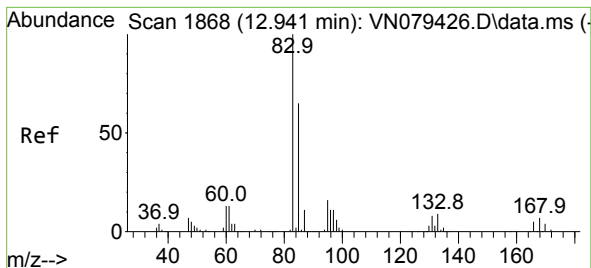
Tgt Ion:105 Resp: 764498
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1



#74
N-ethyl acetate
Concen: 46.462 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 43 Resp: 310737
Ion Ratio Lower Upper
43 100
70 42.4 43.4 65.2#
55 25.8 21.4 32.0
61 23.6 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.697 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

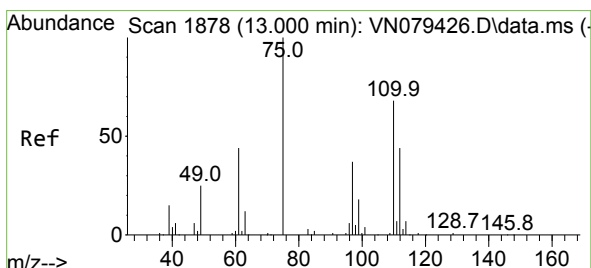
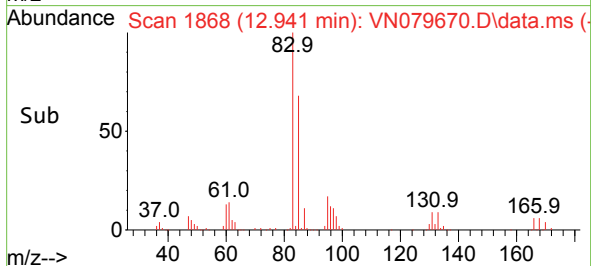
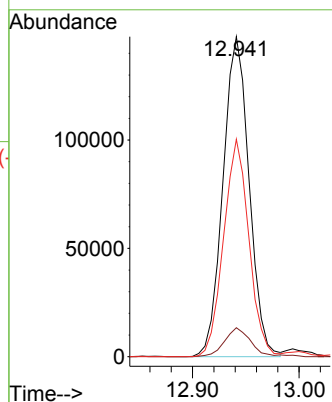
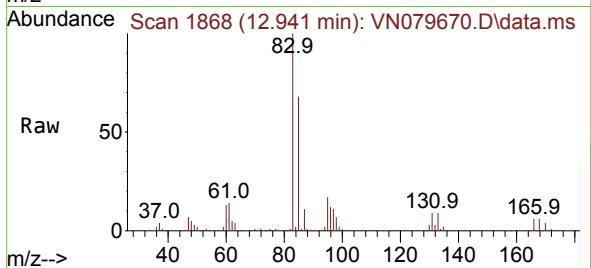
Tgt Ion: 83 Resp: 251446

Ion Ratio Lower Upper

83 100

131 9.3 5.0 15.0

85 65.9 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 60.951 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN079670.D

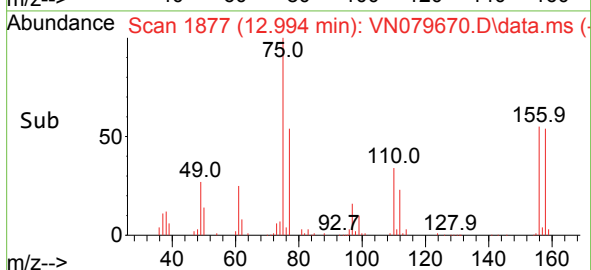
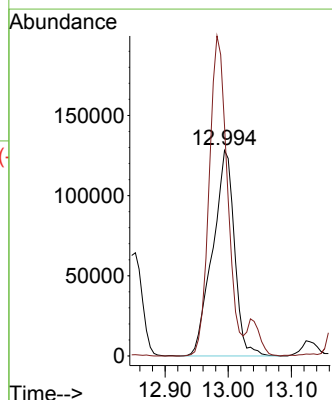
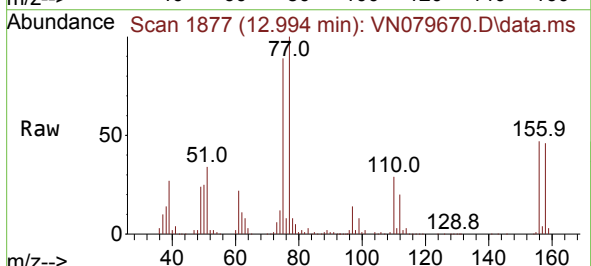
Acq: 24 Oct 2023 20:49

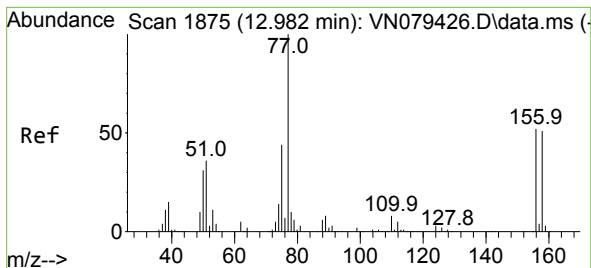
Tgt Ion: 75 Resp: 308165

Ion Ratio Lower Upper

75 100

77 129.4 84.5 253.5





#77

Bromobenzene

Concen: 43.855 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

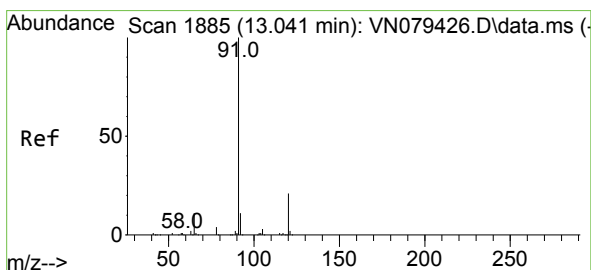
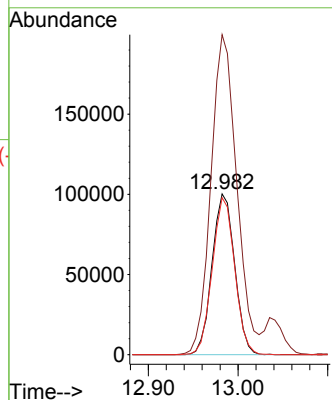
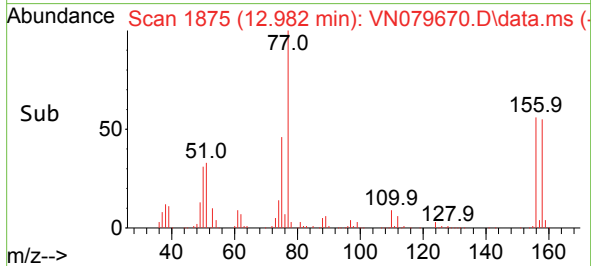
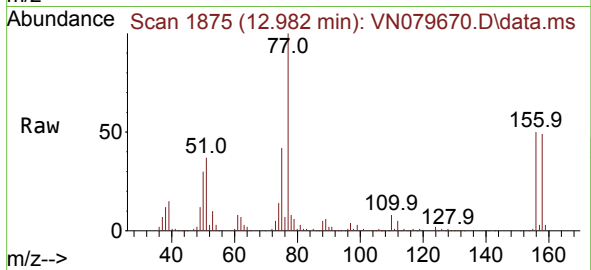
Tgt Ion:156 Resp: 175423

Ion Ratio Lower Upper

156 100

77 227.3 107.7 323.3

158 96.9 48.4 145.3



#78

n-propylbenzene

Concen: 49.040 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079670.D

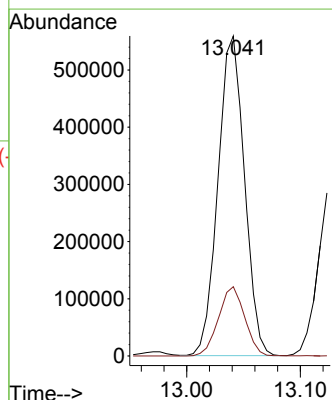
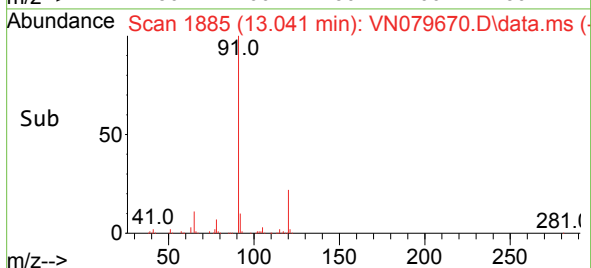
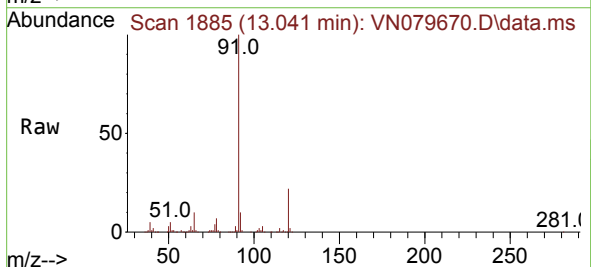
Acq: 24 Oct 2023 20:49

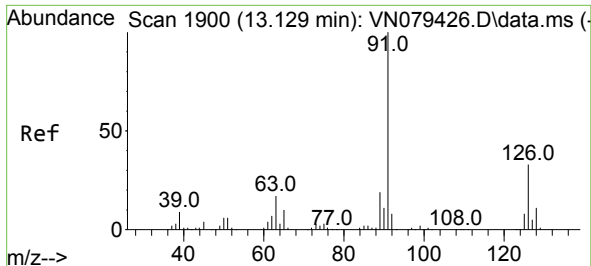
Tgt Ion: 91 Resp: 905150

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4

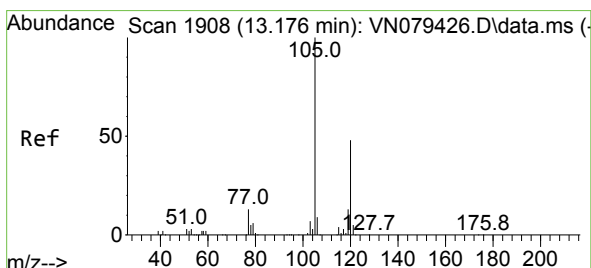
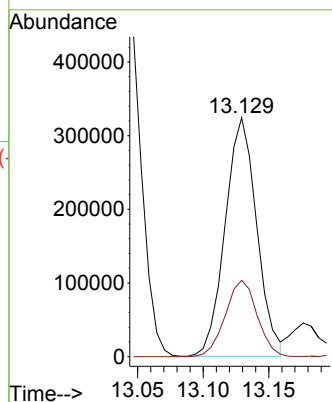
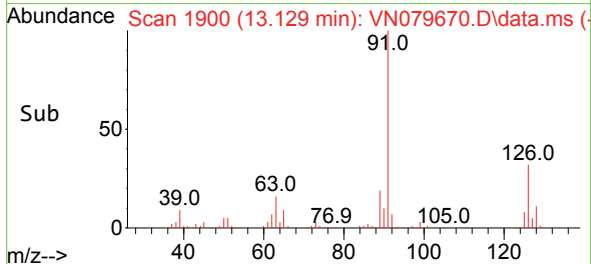
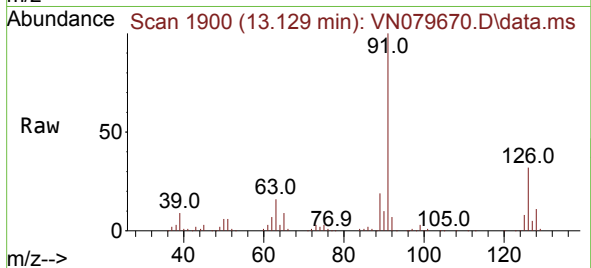




#79
2-Chlorotoluene
Concen: 45.936 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

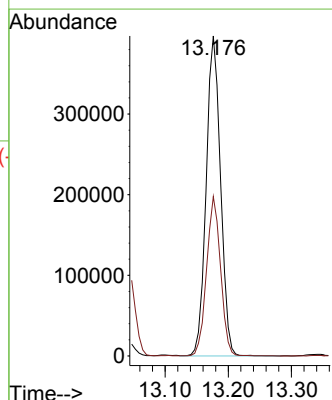
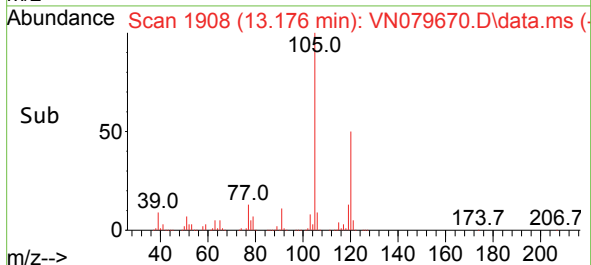
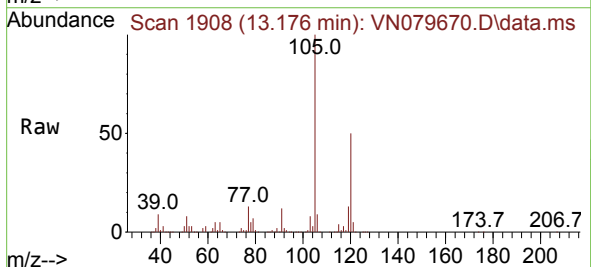
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

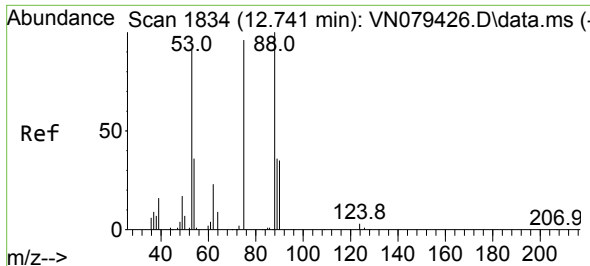
Tgt Ion: 91 Resp: 542546
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 48.765 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 105 Resp: 627319
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3

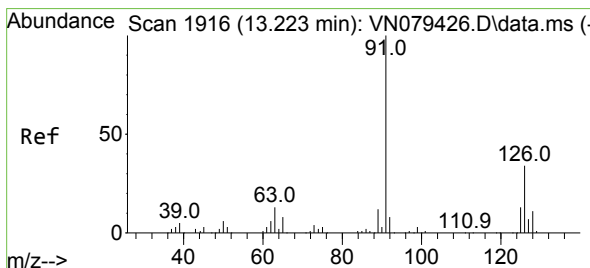
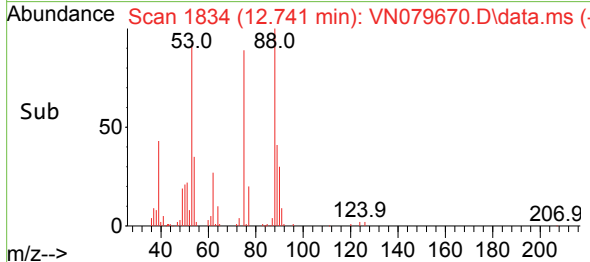
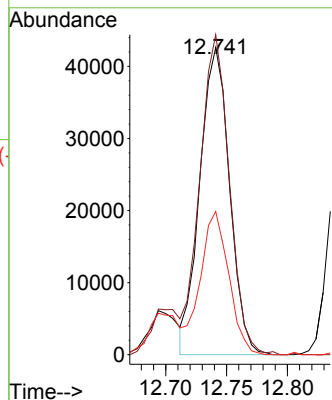
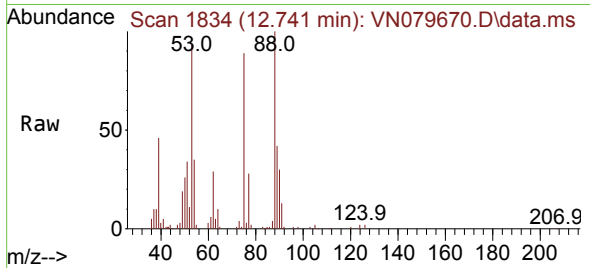




#81
trans-1,4-Dichloro-2-butene
Concen: 41.526 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

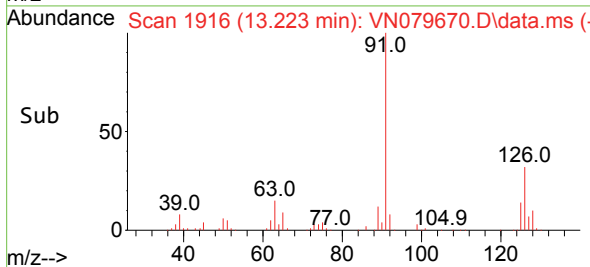
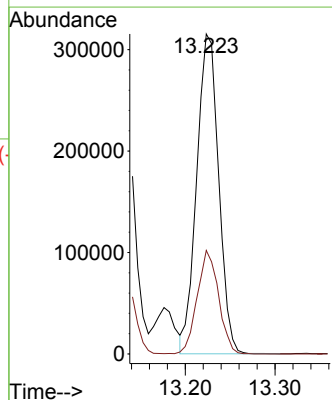
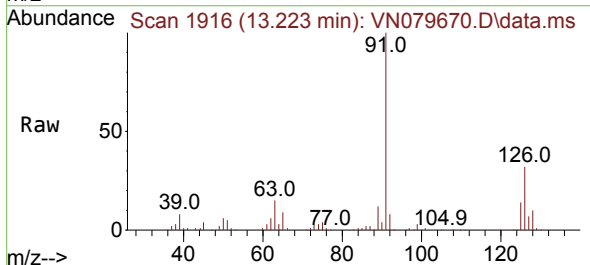
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

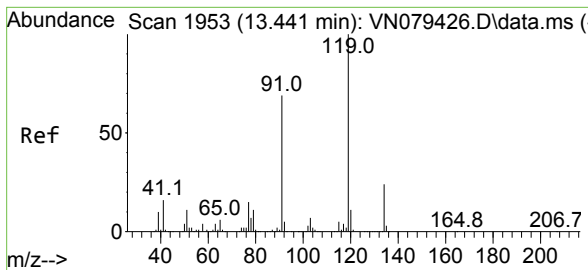
Tgt Ion: 75 Resp: 72359
Ion Ratio Lower Upper
75 100
53 103.5 67.4 101.2#
89 45.1 38.8 58.2



#82
4-Chlorotoluene
Concen: 47.622 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 91 Resp: 535218
Ion Ratio Lower Upper
91 100
126 31.6 16.7 50.0

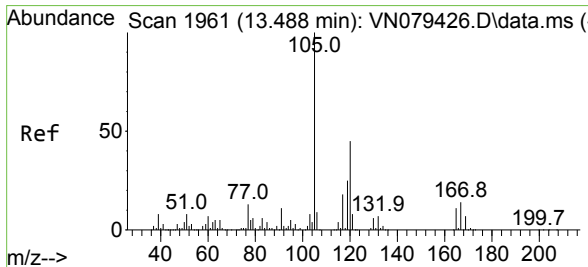
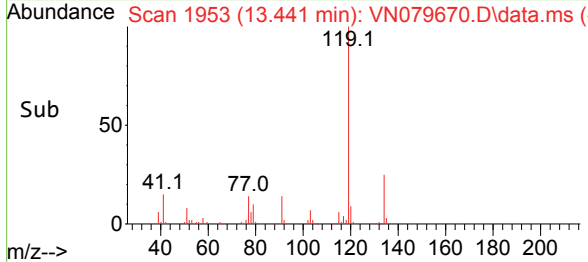
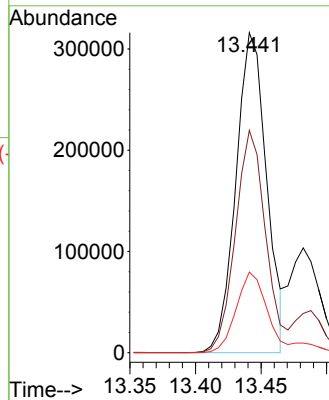
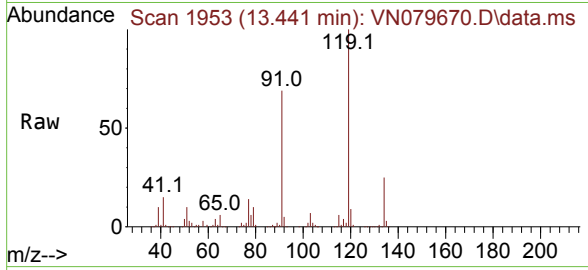




#83
tert-Butylbenzene
Concen: 48.834 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

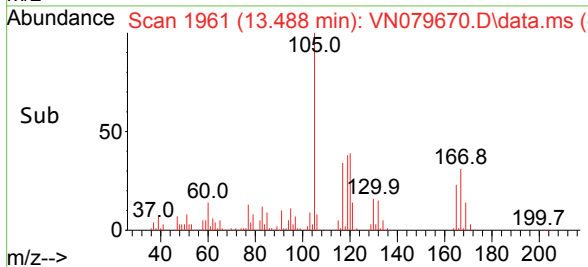
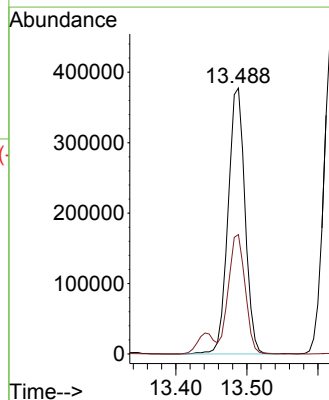
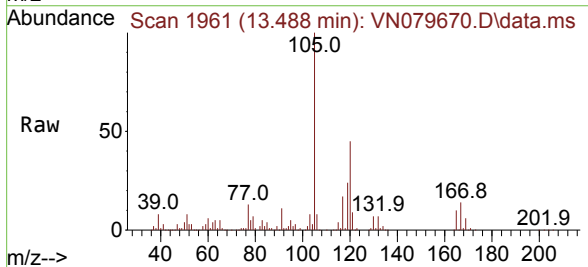
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

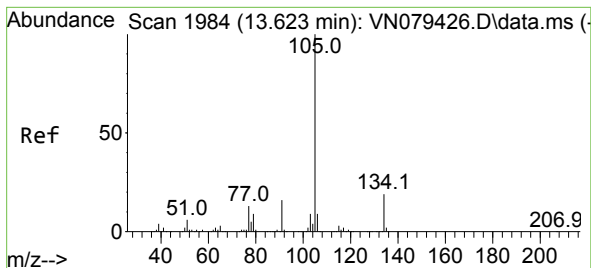
Tgt Ion:119 Resp: 514693
Ion Ratio Lower Upper
119 100
91 68.8 33.9 101.7
134 27.6 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 50.888 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion:105 Resp: 624730
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 49.304 ug/l

RT: 13.617 min Scan# 1984

Delta R.T. -0.006 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

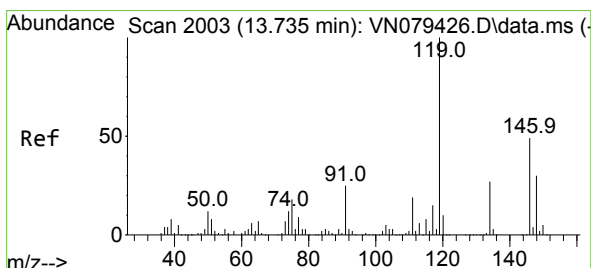
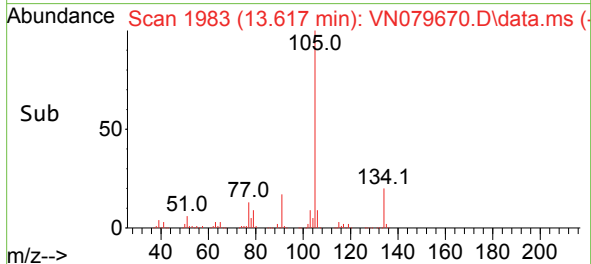
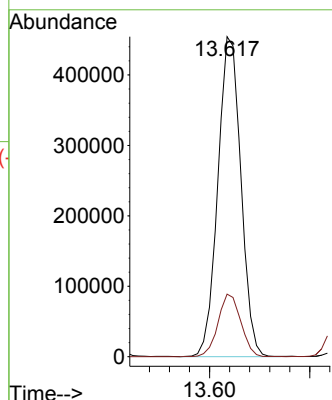
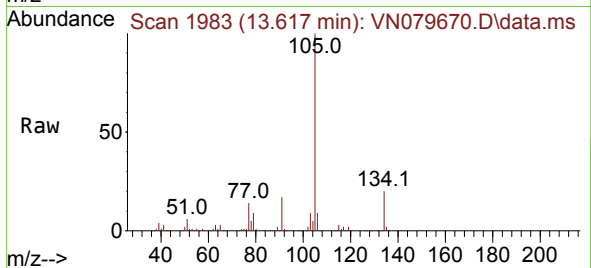
VSTDCCC050EC

Tgt Ion:105 Resp: 724826

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 52.183 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

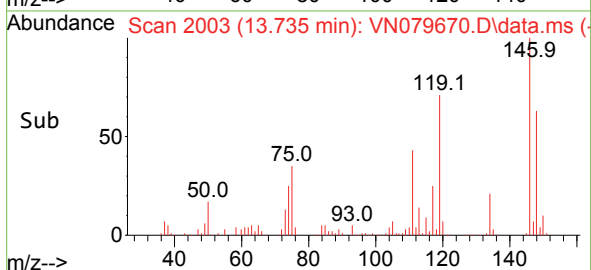
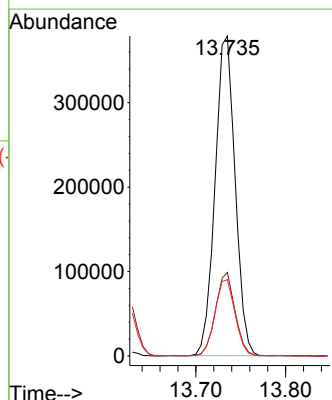
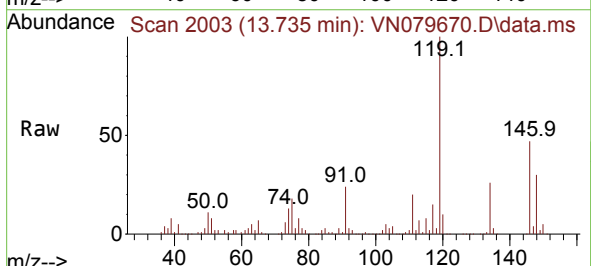
Tgt Ion:119 Resp: 588511

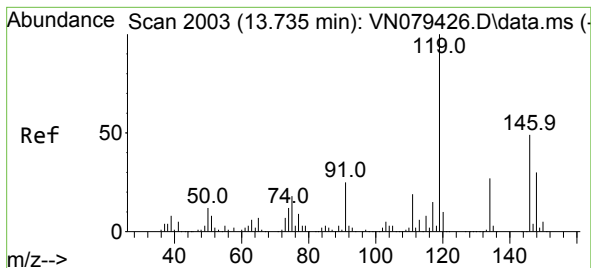
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 24.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.786 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

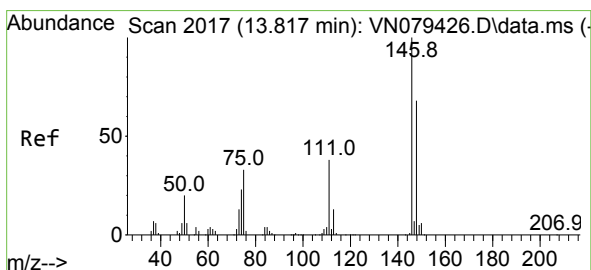
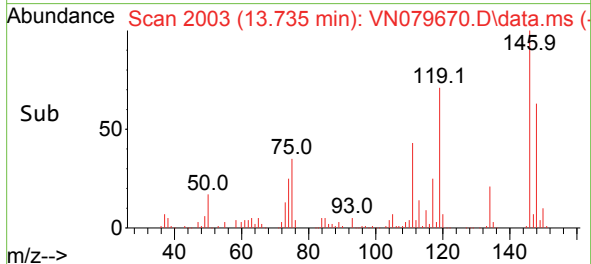
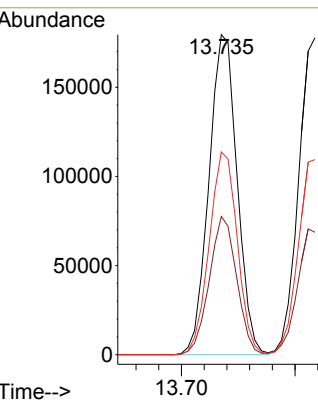
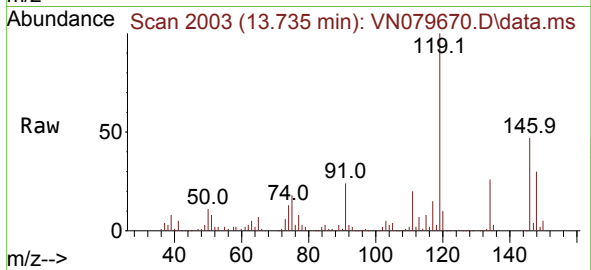
Tgt Ion:146 Resp: 309522

Ion Ratio Lower Upper

146 100

111 42.0 22.1 66.3

148 63.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 45.582 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

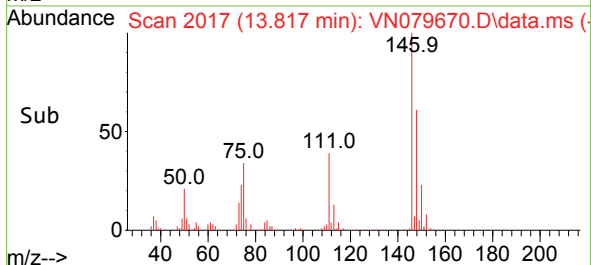
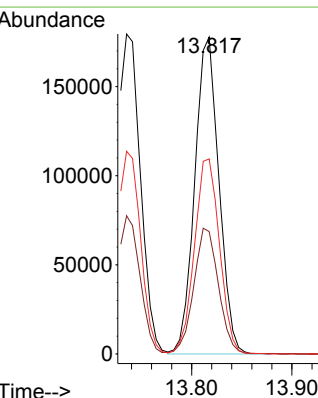
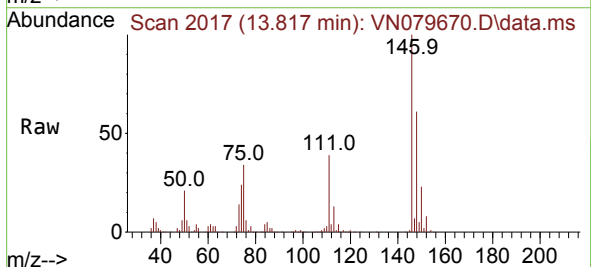
Tgt Ion:146 Resp: 298607

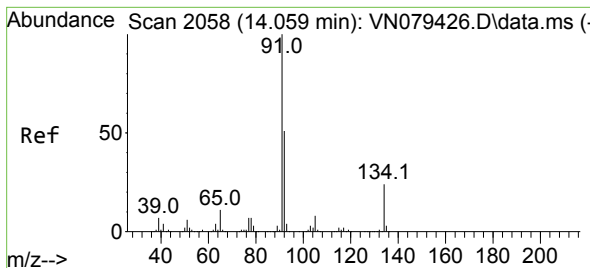
Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.8

148 63.9 31.6 94.8





#89

n-Butylbenzene

Concen: 52.688 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

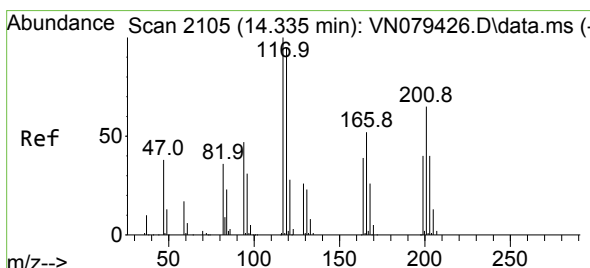
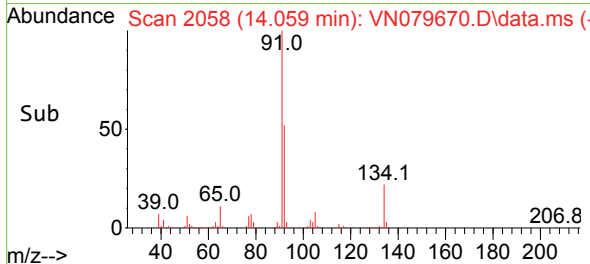
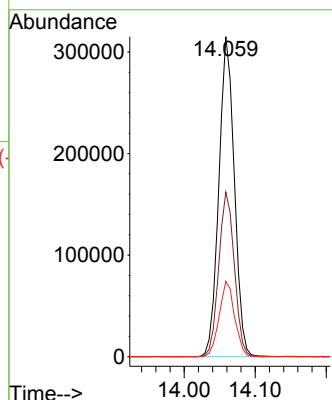
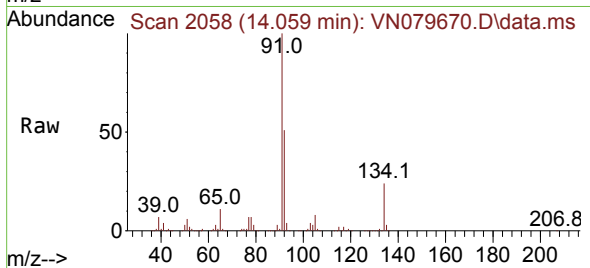
Tgt Ion: 91 Resp: 474506

Ion Ratio Lower Upper

91 100

92 51.8 26.4 79.0

134 23.6 12.6 37.6



#90

Hexachloroethane

Concen: 49.214 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079670.D

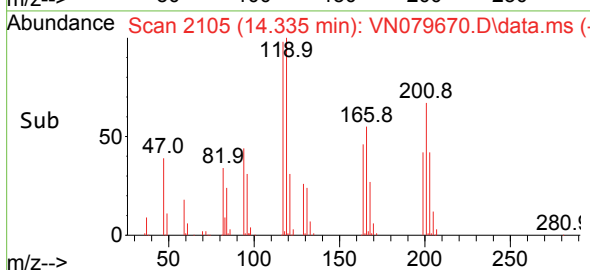
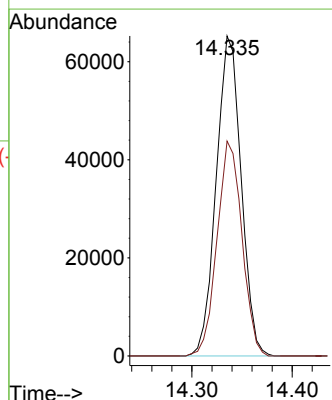
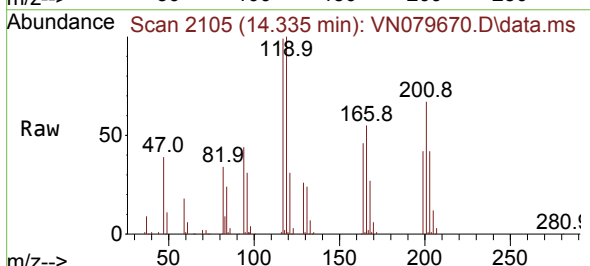
Acq: 24 Oct 2023 20:49

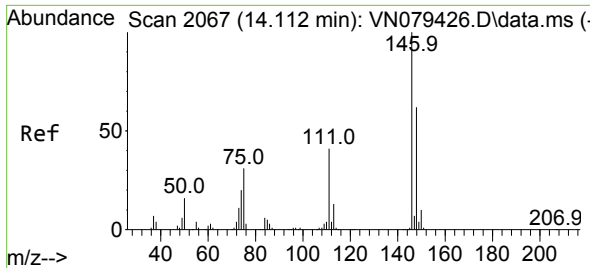
Tgt Ion: 117 Resp: 112719

Ion Ratio Lower Upper

117 100

201 67.0 29.3 88.0

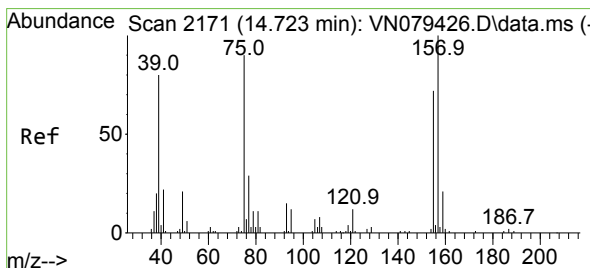
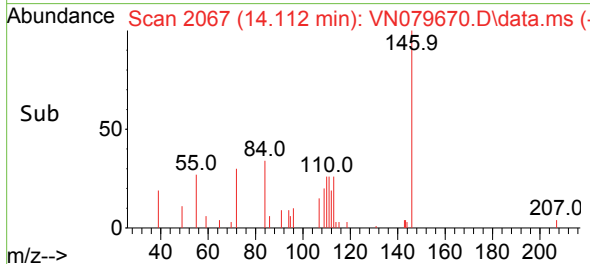
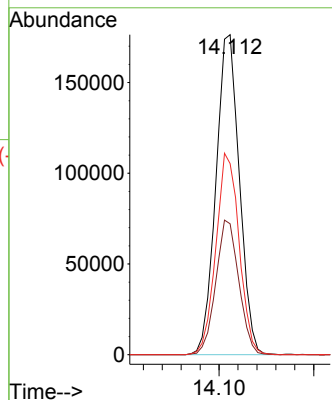
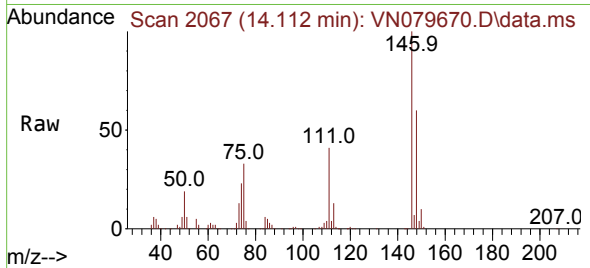




#91
1,2-Dichlorobenzene
Concen: 49.056 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

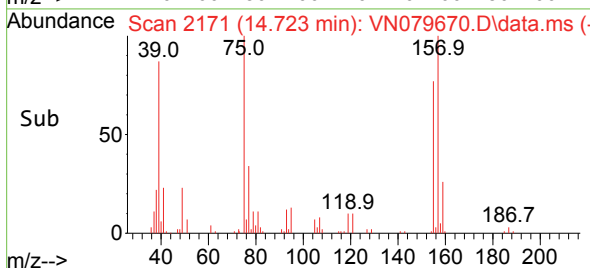
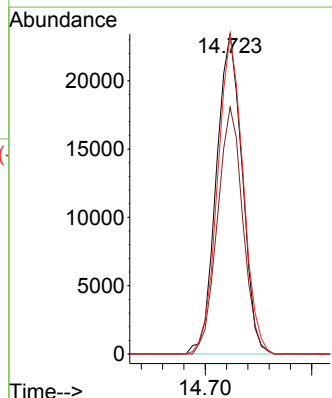
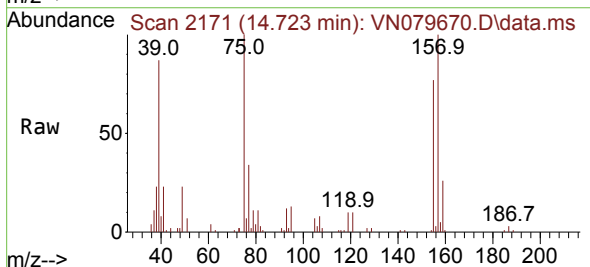
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

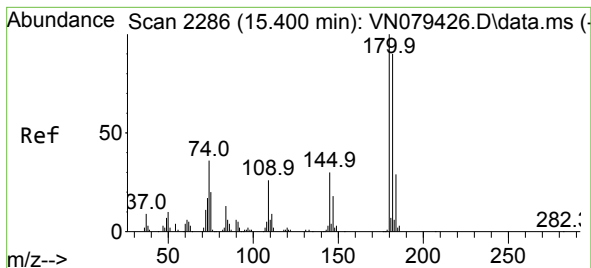
Tgt Ion:146 Resp: 303588
Ion Ratio Lower Upper
146 100
111 41.3 22.0 66.0
148 62.3 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.595 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079670.D
Acq: 24 Oct 2023 20:49

Tgt Ion: 75 Resp: 39238
Ion Ratio Lower Upper
75 100
155 76.0 39.1 117.2
157 98.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 50.894 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

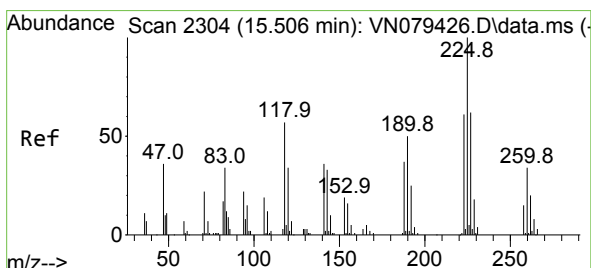
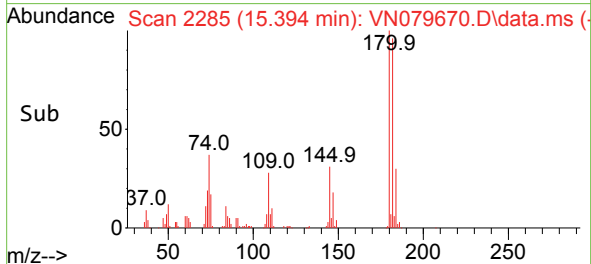
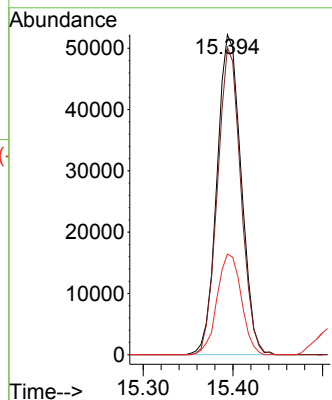
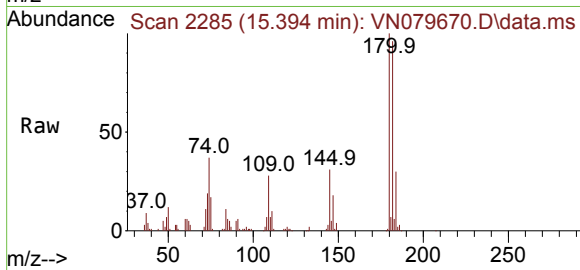
Tgt Ion:180 Resp: 97548

Ion Ratio Lower Upper

180 100

182 92.8 46.1 138.2

145 31.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 45.044 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

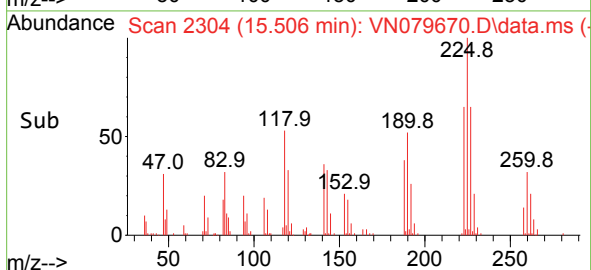
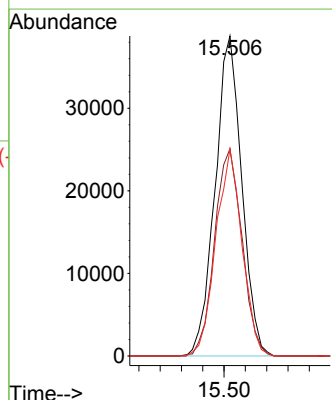
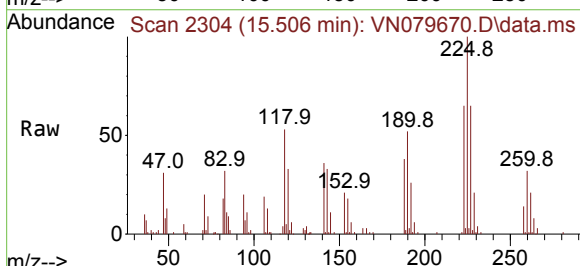
Tgt Ion:225 Resp: 67241

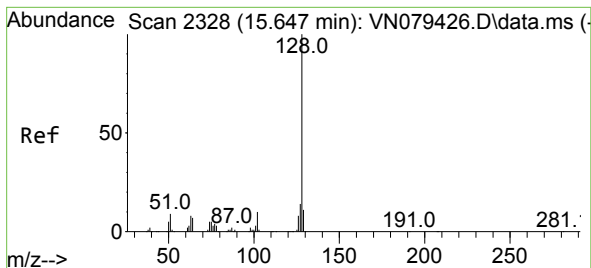
Ion Ratio Lower Upper

225 100

223 66.6 31.3 93.8

227 63.5 31.9 95.9





#95

Naphthalene

Concen: 43.513 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

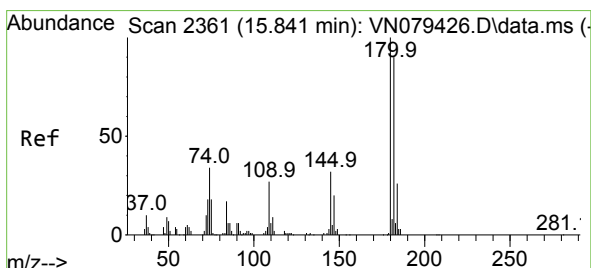
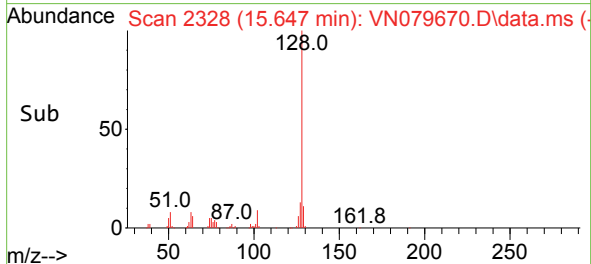
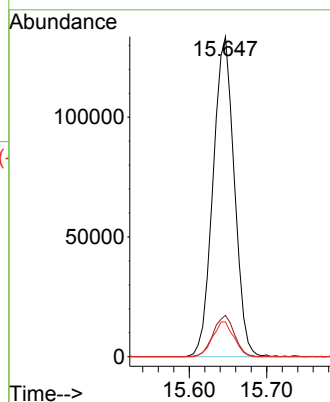
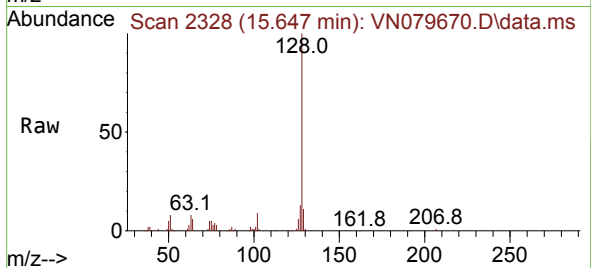
Tgt Ion:128 Resp: 254679

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 44.079 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079670.D

Acq: 24 Oct 2023 20:49

Tgt Ion:180 Resp: 100821

Ion Ratio Lower Upper

180 100

182 95.8 46.2 138.6

145 33.9 17.5 52.6

