

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060823\
 Data File : VN078116.D
 Acq On : 08 Jun 2023 09:08
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jun 09 01:20:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	449101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	796091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	703593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	282069	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	316687	52.888	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.780%	
35) Dibromofluoromethane	8.171	113	264015	52.451	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.900%	
50) Toluene-d8	10.571	98	1030883	53.125	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.240%	
62) 4-Bromofluorobenzene	12.853	95	332794	55.167	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	219429	43.224	ug/l	100
3) Chloromethane	2.371	50	237639	49.748	ug/l	98
4) Vinyl Chloride	2.524	62	303817	45.703	ug/l	99
5) Bromomethane	2.953	94	218480	43.489	ug/l	99
6) Chloroethane	3.124	64	207744	45.843	ug/l	97
7) Trichlorofluoromethane	3.500	101	416200	46.169	ug/l	98
8) Diethyl Ether	3.965	74	141374	44.633	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	226696	47.650	ug/l	97
10) Methyl Iodide	4.600	142	313768	46.636	ug/l	99
11) Tert butyl alcohol	5.524	59	178284	215.630	ug/l	98
12) 1,1-Dichloroethene	4.347	96	220600	44.982	ug/l	93
13) Acrolein	4.183	56	207162	227.340	ug/l	95
14) Allyl chloride	5.030	41	298833	49.918	ug/l	92
15) Acrylonitrile	5.724	53	499631	234.389	ug/l	99
16) Acetone	4.430	43	513588	297.985	ug/l	90
17) Carbon Disulfide	4.718	76	590716	46.797	ug/l	99
18) Methyl Acetate	5.030	43	351007	44.235	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	735351	46.996	ug/l	94
20) Methylene Chloride	5.283	84	256652	45.062	ug/l #	90
21) trans-1,2-Dichloroethene	5.794	96	245856	46.480	ug/l	91
22) Diisopropyl ether	6.683	45	710872	50.482	ug/l	93
23) Vinyl Acetate	6.612	43	2063965	246.567	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	454483	48.925	ug/l	97
25) 2-Butanone	7.488	43	671440	253.333	ug/l	88
26) 2,2-Dichloropropane	7.500	77	397069	57.890	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	289403	45.869	ug/l	91
28) Bromochloromethane	7.818	49	215663	50.564	ug/l	90
29) Tetrahydrofuran	7.841	42	414848	234.136	ug/l #	85
30) Chloroform	7.971	83	492651	49.250	ug/l	94
31) Cyclohexane	8.259	56	366446	47.707	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	440576	50.168	ug/l	98
36) 1,1-Dichloropropene	8.377	75	362613	50.223	ug/l	97
37) Ethyl Acetate	7.565	43	265072	46.996	ug/l #	94
38) Carbon Tetrachloride	8.365	117	384184	50.393	ug/l	96
39) Methylcyclohexane	9.606	83	371771	49.686	ug/l	94
40) Benzene	8.612	78	1072985	49.779	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060823\
 Data File : VN078116.D
 Acq On : 08 Jun 2023 09:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 09 01:20:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	145707	47.660	ug/l	90
42) 1,2-Dichloroethane	8.677	62	367069	49.667	ug/l	97
43) Isopropyl Acetate	8.694	43	471061	43.670	ug/l	96
44) Trichloroethene	9.359	130	275627	48.420	ug/l	97
45) 1,2-Dichloropropane	9.629	63	266475	49.689	ug/l	96
46) Dibromomethane	9.712	93	189478	47.967	ug/l	94
47) Bromodichloromethane	9.894	83	387897	52.865	ug/l	99
48) Methyl methacrylate	9.682	41	218092	48.178	ug/l	92
49) 1,4-Dioxane	9.700	88	85748	901.256	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	1368242	240.877	ug/l	94
52) Toluene	10.635	92	675437	49.631	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	413280	54.083	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	442082	52.335	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	261873	50.867	ug/l	99
56) Ethyl methacrylate	10.876	69	371368	49.541	ug/l	91
57) 1,3-Dichloropropane	11.165	76	439371	50.560	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	784341	259.009	ug/l	92
59) 2-Hexanone	11.200	43	993122	251.099	ug/l	92
60) Dibromochloromethane	11.365	129	287455	51.026	ug/l	99
61) 1,2-Dibromoethane	11.476	107	263934	48.852	ug/l	98
64) Tetrachloroethene	11.106	164	243117	51.794	ug/l	97
65) Chlorobenzene	11.894	112	729285	48.400	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	269664	48.659	ug/l	97
67) Ethyl Benzene	11.971	91	1306144	50.238	ug/l	100
68) m/p-Xylenes	12.076	106	993762	100.295	ug/l	98
69) o-Xylene	12.406	106	481862	49.522	ug/l	97
70) Styrene	12.418	104	783152	51.125	ug/l	98
71) Bromoform	12.582	173	179923	50.308	ug/l #	98
73) Isopropylbenzene	12.700	105	1232211	46.196	ug/l	99
74) N-amyl acetate	12.500	43	377668	42.997	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	355024	48.310	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	429657	64.434	ug/l	76
77) Bromobenzene	12.988	156	278742	45.017	ug/l	97
78) n-propylbenzene	13.041	91	1393252	48.077	ug/l	100
79) 2-Chlorotoluene	13.129	91	838338	44.815	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	994542	46.054	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	105321	48.526	ug/l	92
82) 4-Chlorotoluene	13.223	91	820309	46.986	ug/l	98
83) tert-Butylbenzene	13.441	119	829688	44.198	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	980316	46.822	ug/l	99
85) sec-Butylbenzene	13.623	105	1095101	44.571	ug/l	99
86) p-Isopropyltoluene	13.735	119	908956	45.588	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	479619	45.793	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	472824	46.784	ug/l	100
89) n-Butylbenzene	14.059	91	701887	44.631	ug/l	98
90) Hexachloroethane	14.341	117	163876	46.314	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	466655	45.589	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	57103	43.221	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	170556	46.765	ug/l	95
94) Hexachlorobutadiene	15.506	225	78816	43.753	ug/l	98
95) Naphthalene	15.647	128	524228	42.732	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	179390	43.979	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060823\
Data File : VN078116.D
Acq On : 08 Jun 2023 09:08
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

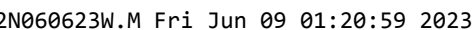
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

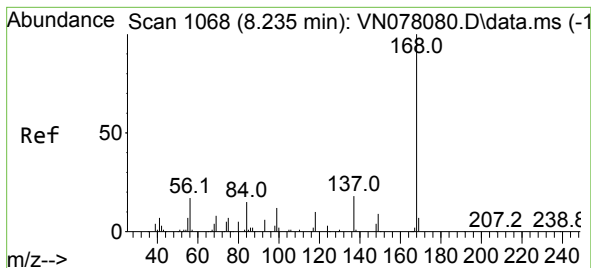
Quant Time: Jun 09 01:20:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

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

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

Quant Time: Jun 09 01:20:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

Instrument :

MSVOA_N

ClientSampleId :

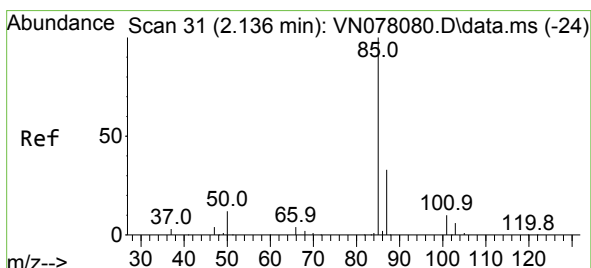
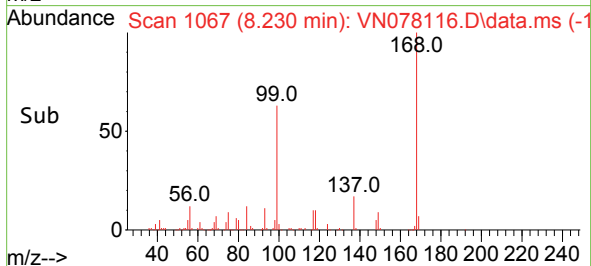
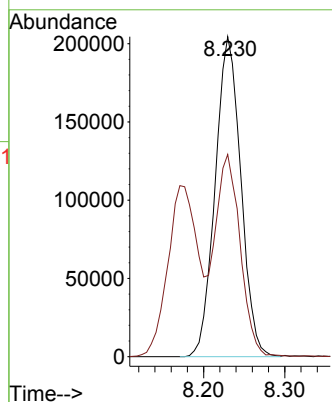
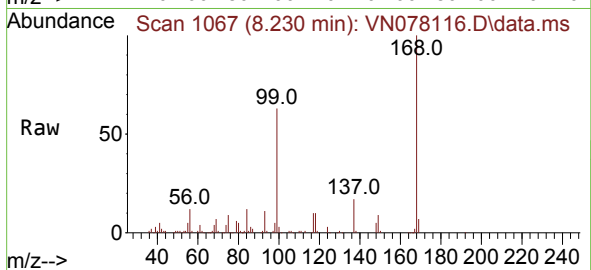
VSTDCCC050

Tgt Ion:168 Resp: 449101

Ion Ratio Lower Upper

168 100

99 62.8 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 43.224 ug/l

RT: 2.130 min Scan# 30

Delta R.T. -0.006 min

Lab File: VN078116.D

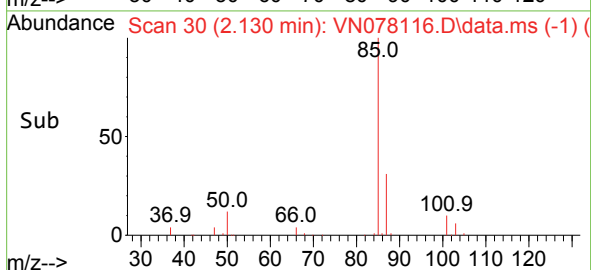
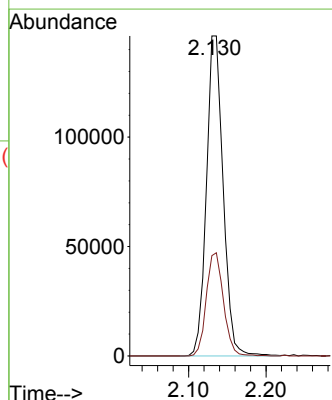
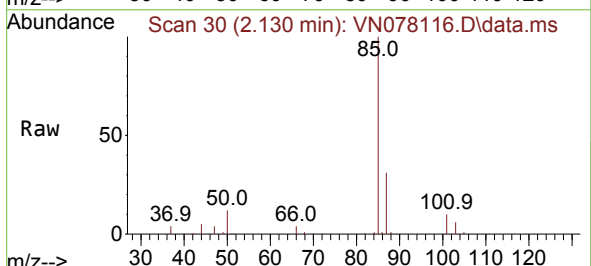
Acq: 08 Jun 2023 09:08

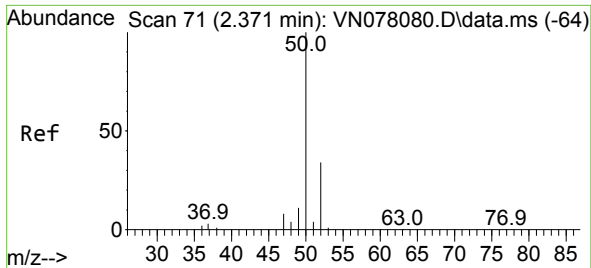
Tgt Ion: 85 Resp: 219429

Ion Ratio Lower Upper

85 100

87 31.3 15.8 47.4





#3
 Chloromethane
 Concen: 49.748 ug/l
 RT: 2.371 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

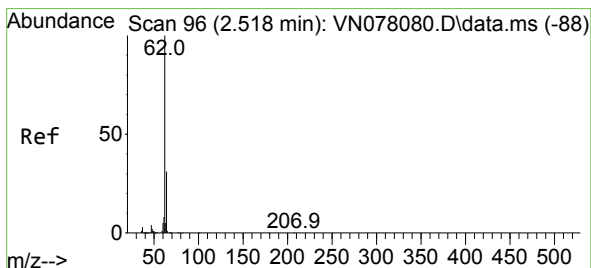
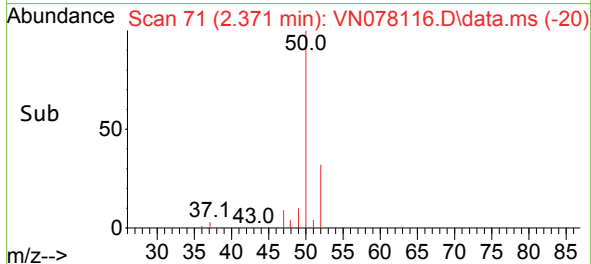
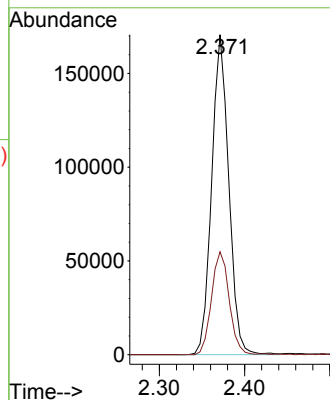
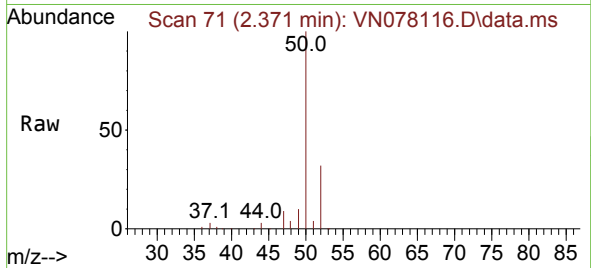
Instrument :

MSVOA_N

ClientSampleId :

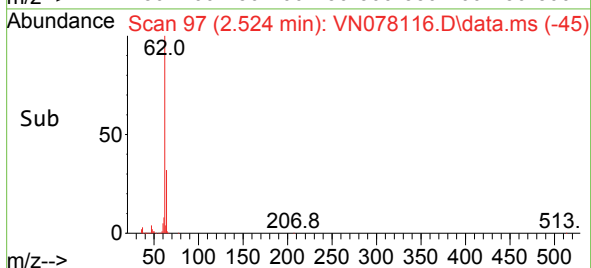
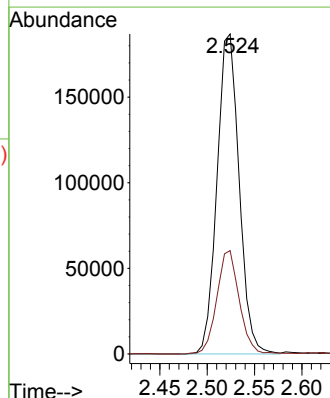
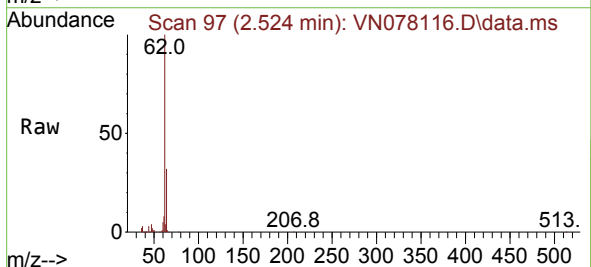
VSTDCCC050

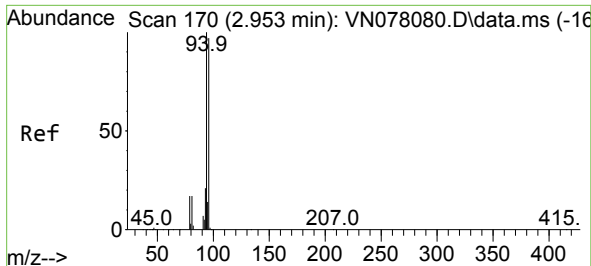
Tgt Ion: 50 Resp: 237639
 Ion Ratio Lower Upper
 50 100
 52 32.1 26.5 39.7



#4
 Vinyl Chloride
 Concen: 45.703 ug/l
 RT: 2.524 min Scan# 97
 Delta R.T. 0.006 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

Tgt Ion: 62 Resp: 303817
 Ion Ratio Lower Upper
 62 100
 64 32.3 26.2 39.2

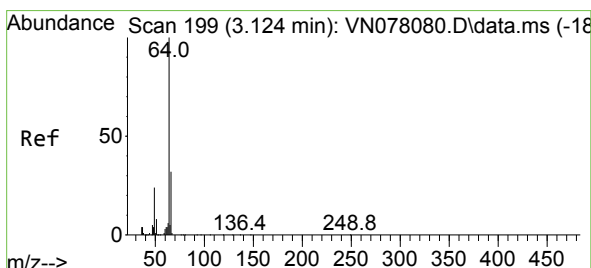
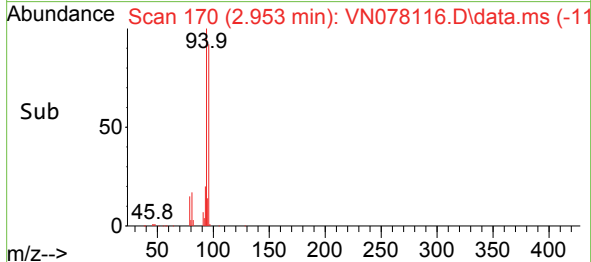
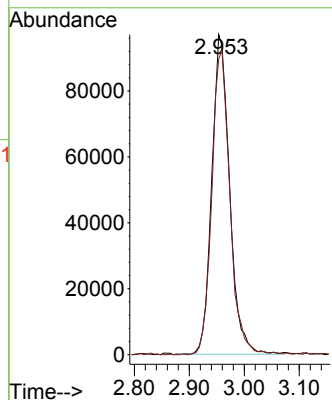
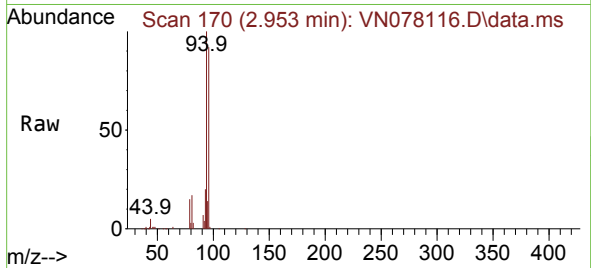




#5
Bromomethane
Concen: 43.489 ug/l
RT: 2.953 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

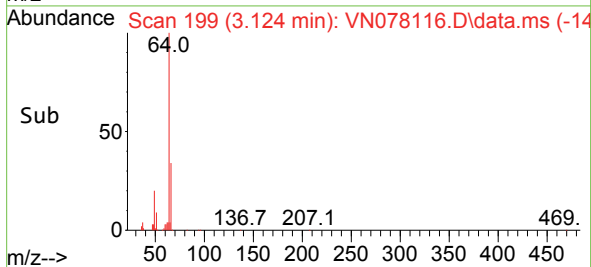
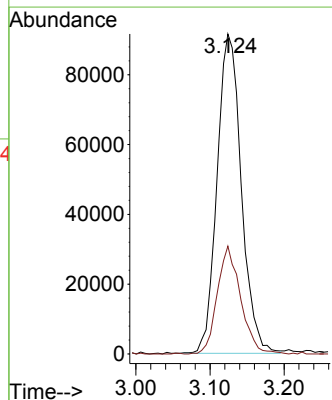
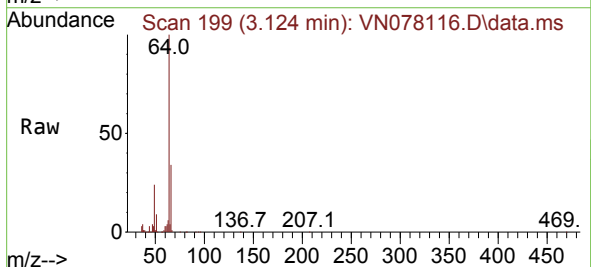
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

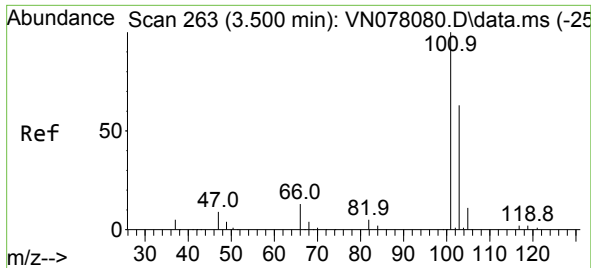
Tgt Ion: 94 Resp: 218480
Ion Ratio Lower Upper
94 100
96 92.6 73.1 109.7



#6
Chloroethane
Concen: 45.843 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 64 Resp: 207744
Ion Ratio Lower Upper
64 100
66 33.6 25.4 38.2

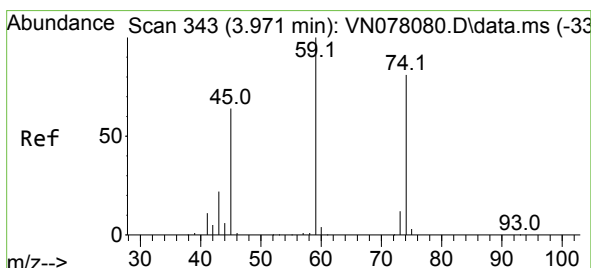
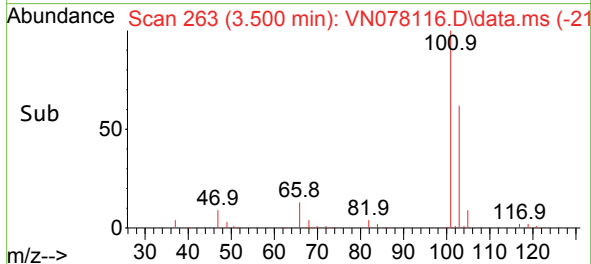
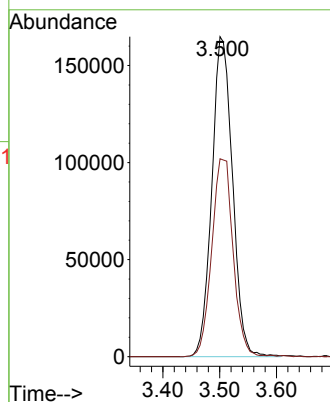
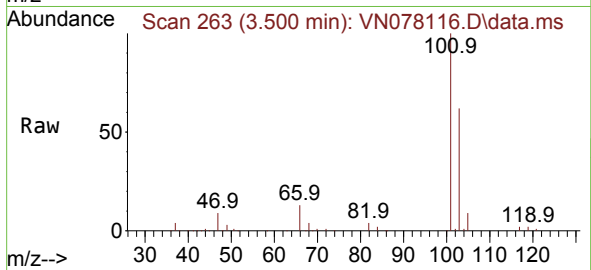




#7
Trichlorofluoromethane
Concen: 46.169 ug/l
RT: 3.500 min Scan# 210
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

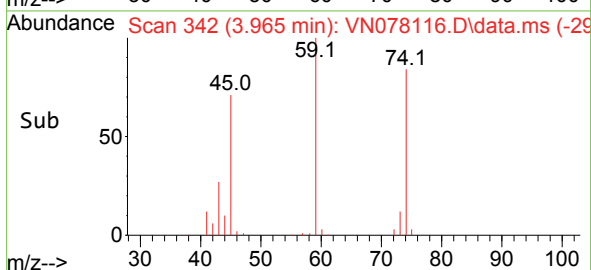
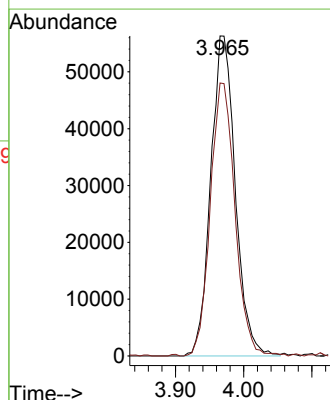
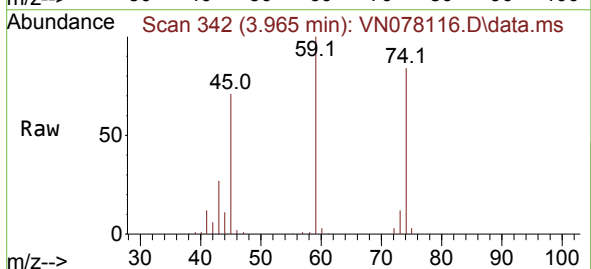
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

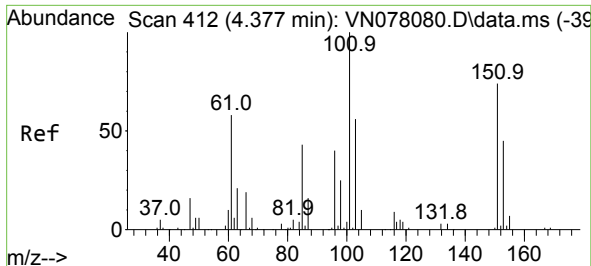
Tgt Ion:101 Resp: 416200
Ion Ratio Lower Upper
101 100
103 61.9 50.7 76.1



#8
Diethyl Ether
Concen: 44.633 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 74 Resp: 141374
Ion Ratio Lower Upper
74 100
45 85.6 34.4 103.3

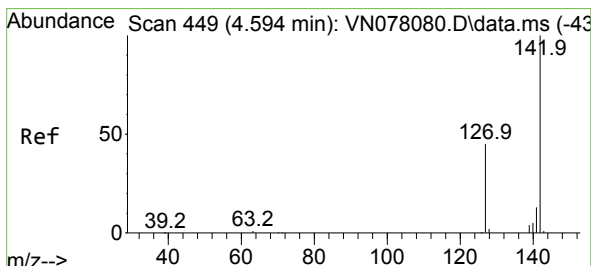
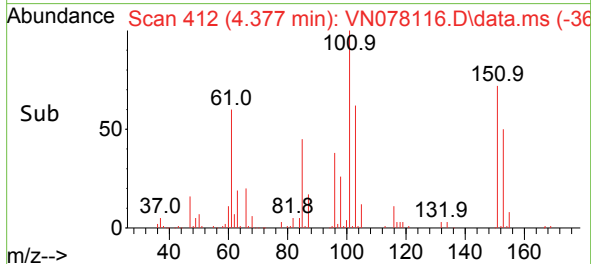
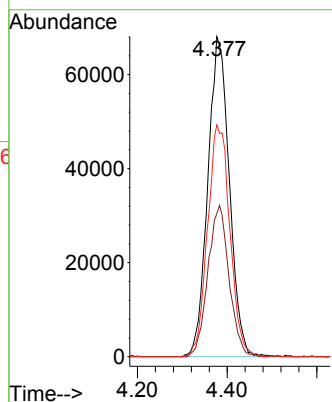
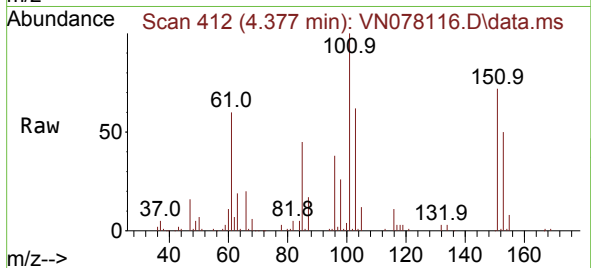




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.650 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

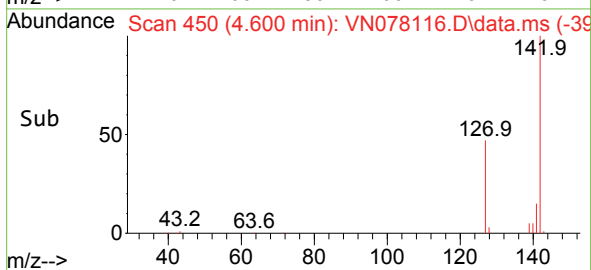
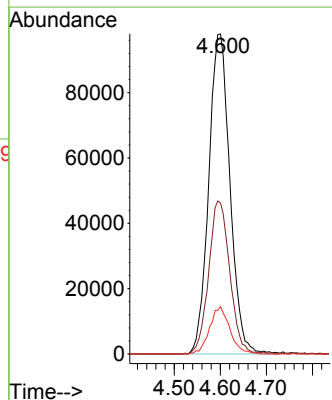
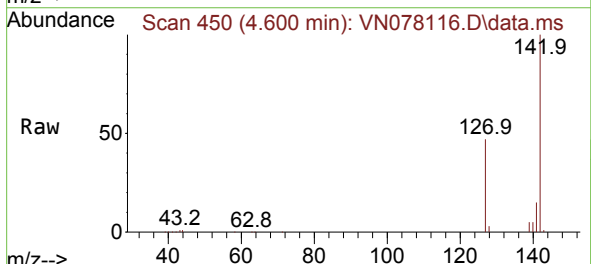
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

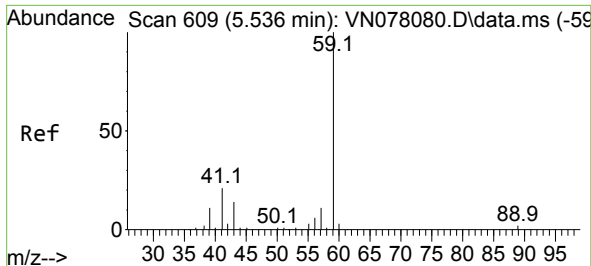
Tgt Ion:101 Resp: 226696
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 75.0 57.6 86.4



#10
Methyl Iodide
Concen: 46.636 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion:142 Resp: 313768
Ion Ratio Lower Upper
142 100
127 47.1 37.6 56.4
141 14.8 11.4 17.0

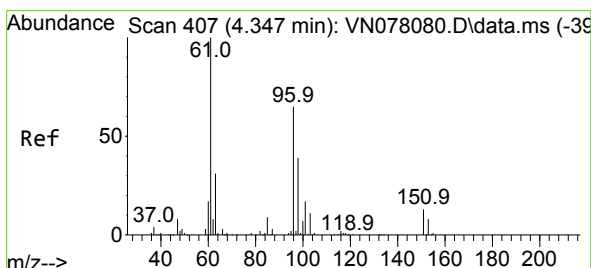
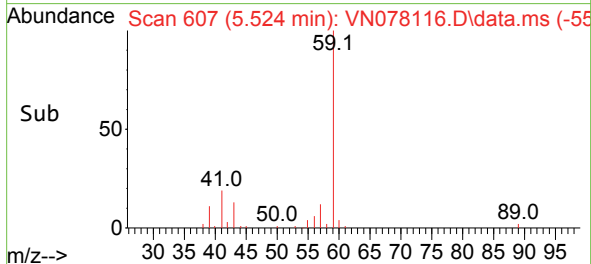
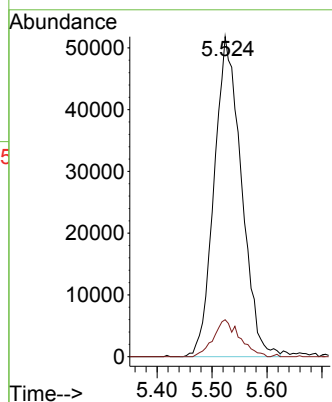
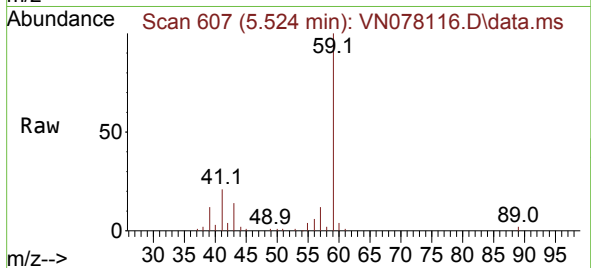




#11
Tert butyl alcohol
Concen: 215.630 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

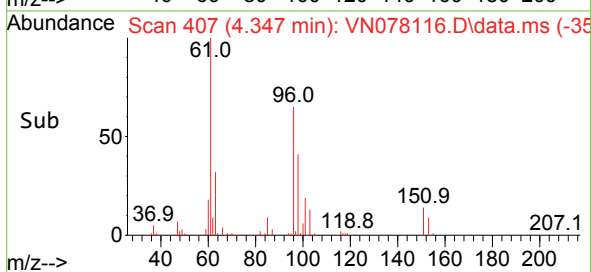
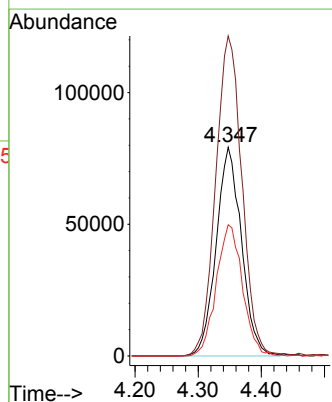
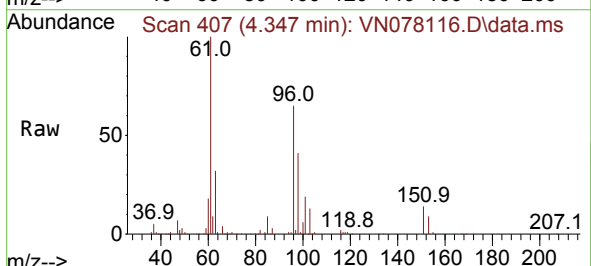
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

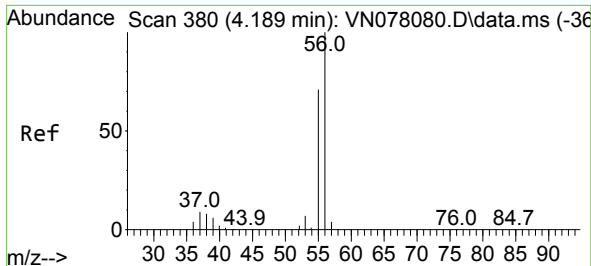
Tgt Ion: 59 Resp: 178284
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 44.982 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 96 Resp: 220600
Ion Ratio Lower Upper
96 100
61 153.3 112.7 169.1
98 62.8 51.2 76.8





#13

Acrolein

Concen: 227.340 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

Instrument :

MSVOA_N

ClientSampleId :

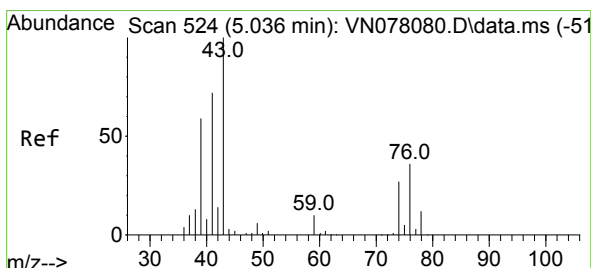
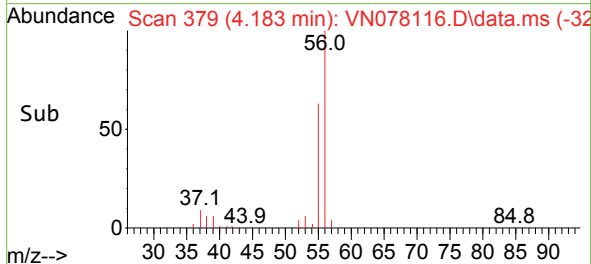
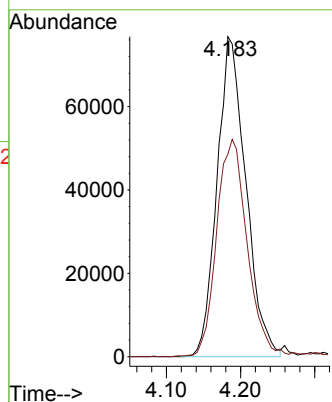
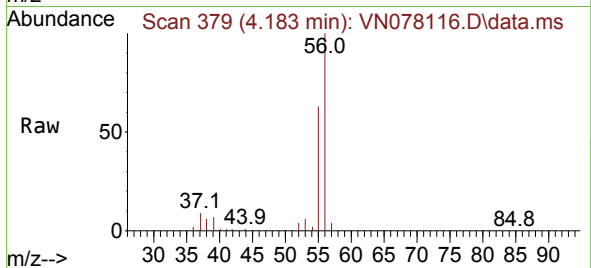
VSTDCCC050

Tgt Ion: 56 Resp: 207162

Ion Ratio Lower Upper

56 100

55 71.9 54.5 81.7



#14

Allyl chloride

Concen: 49.918 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.006 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

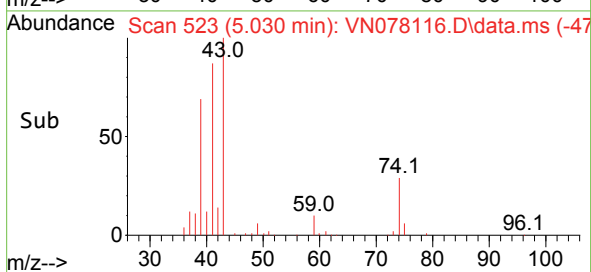
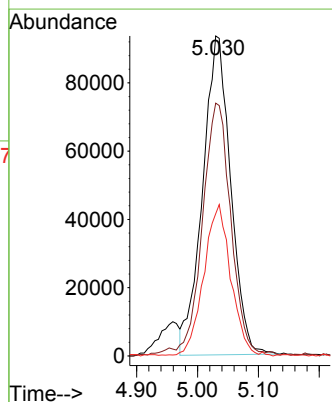
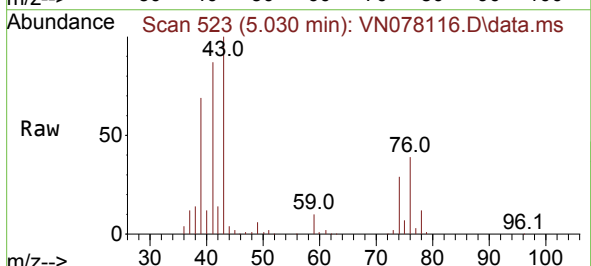
Tgt Ion: 41 Resp: 298833

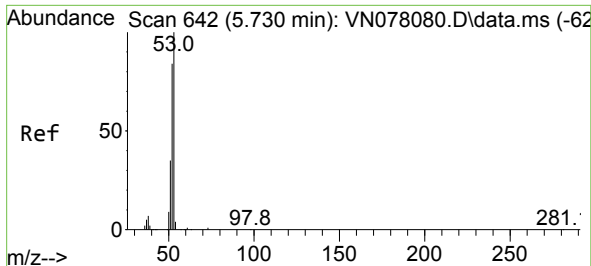
Ion Ratio Lower Upper

41 100

39 81.6 58.8 88.2

76 45.1 39.1 58.7

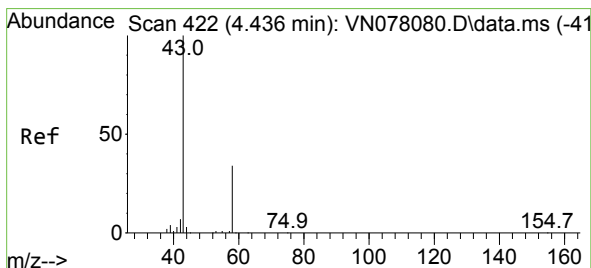
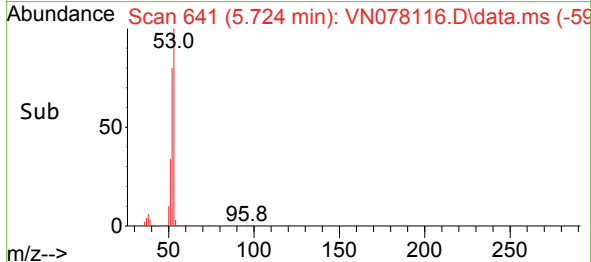
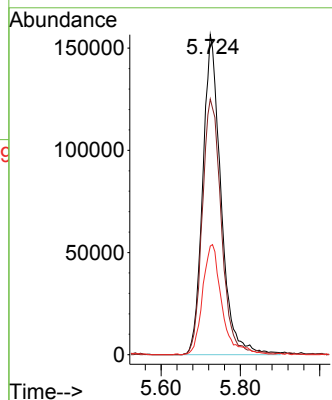
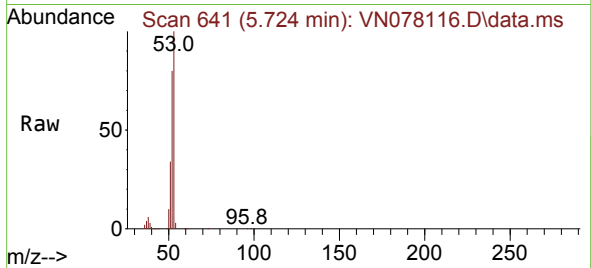




#15
Acrylonitrile
Concen: 234.389 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

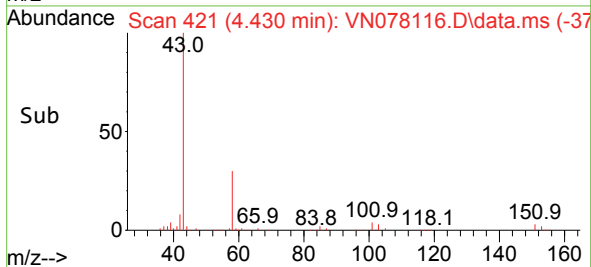
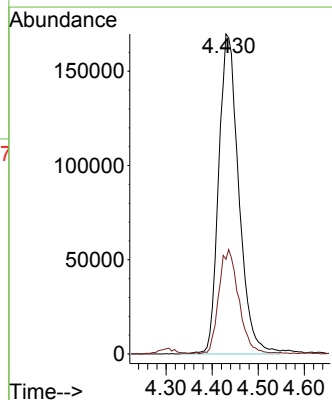
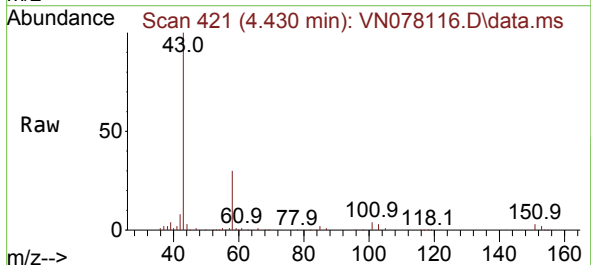
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

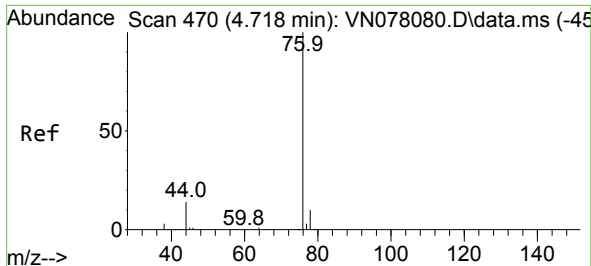
Tgt Ion: 53 Resp: 499631
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 36.6 28.9 43.3



#16
Acetone
Concen: 297.985 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.006 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 43 Resp: 513588
Ion Ratio Lower Upper
43 100
58 29.1 28.0 42.0

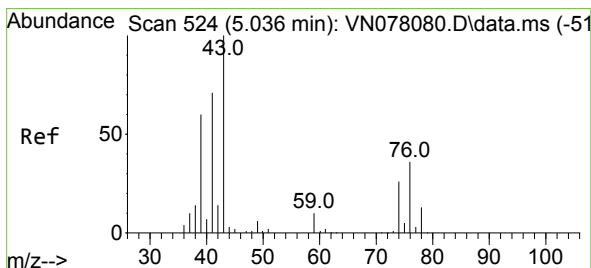
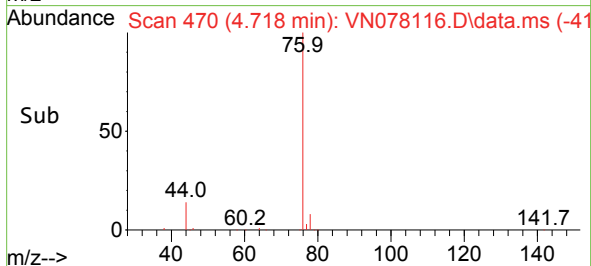
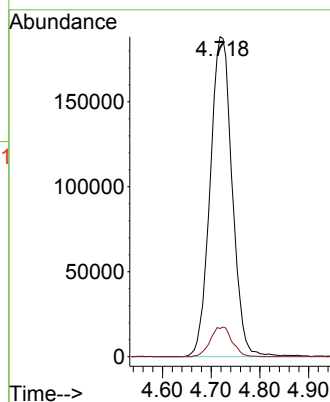
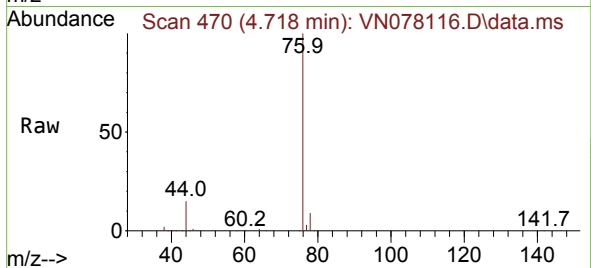




#17
Carbon Disulfide
Concen: 46.797 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

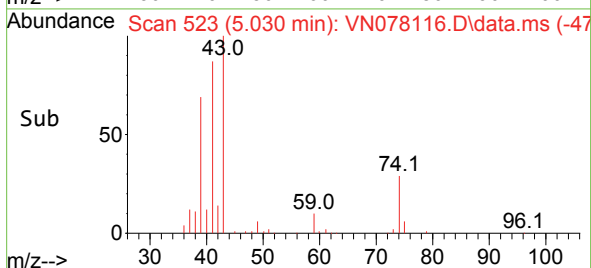
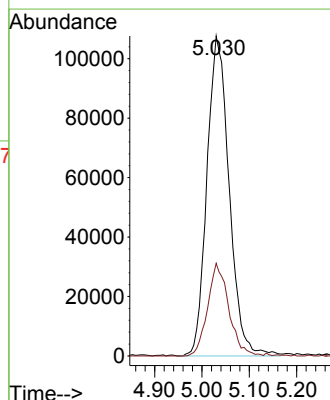
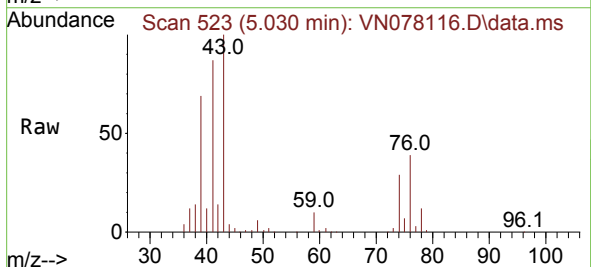
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

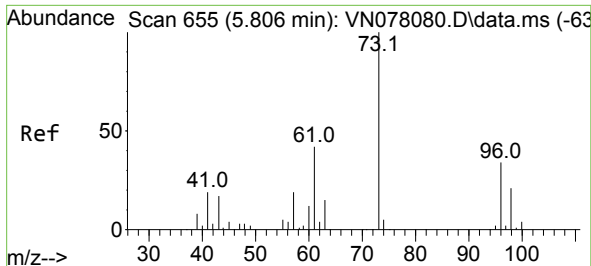
Tgt Ion: 76 Resp: 590716
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 44.235 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 43 Resp: 351007
Ion Ratio Lower Upper
43 100
74 27.5 26.2 39.4

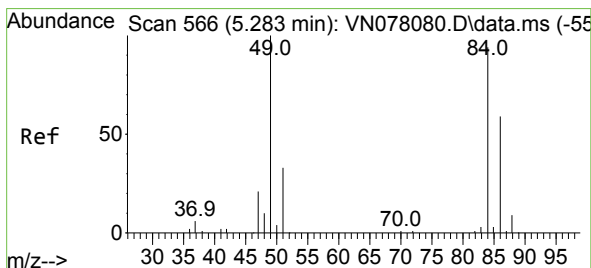
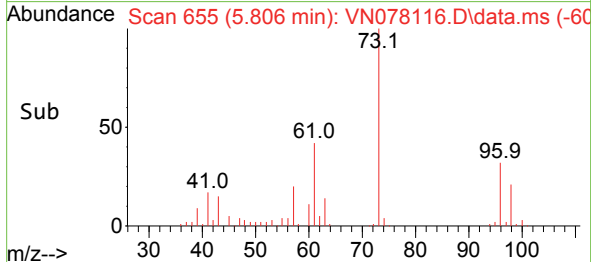
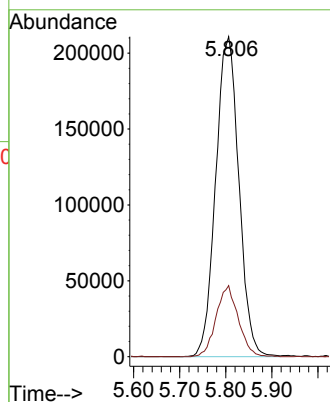
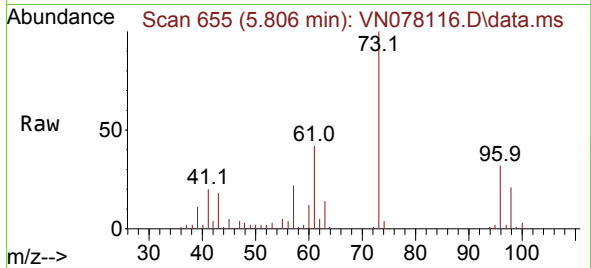




#19
Methyl tert-butyl Ether
Concen: 46.996 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

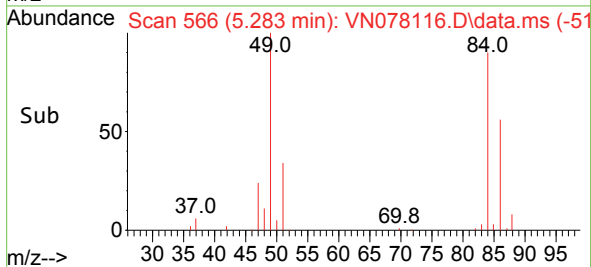
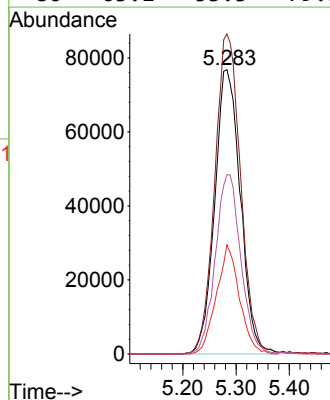
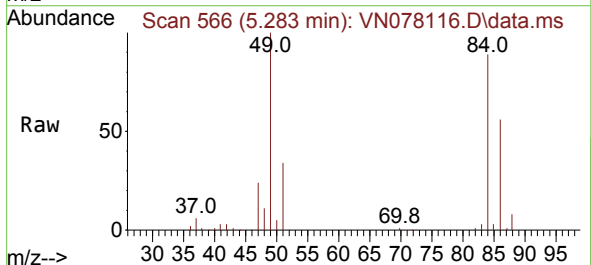
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

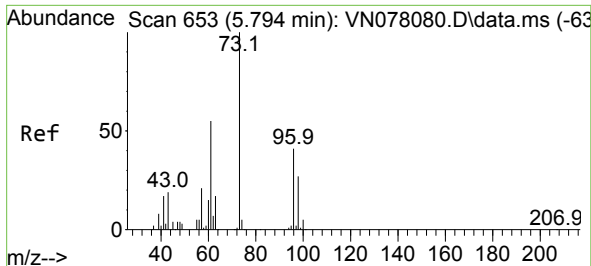
Tgt Ion: 73 Resp: 735351
Ion Ratio Lower Upper
73 100
57 22.2 15.6 23.4



#20
Methylene Chloride
Concen: 45.062 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 84 Resp: 256652
Ion Ratio Lower Upper
84 100
49 112.6 79.7 119.5
51 38.4 25.2 37.8#
86 63.1 53.3 79.9

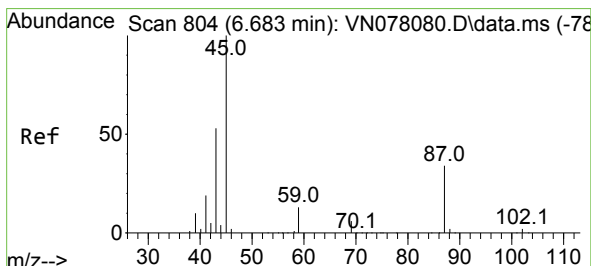
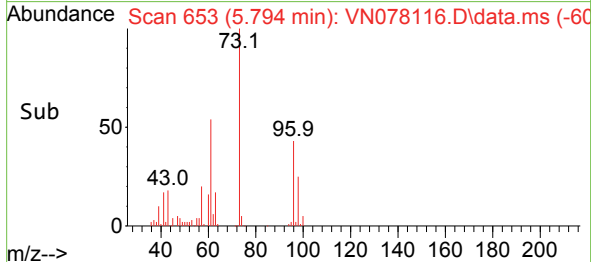
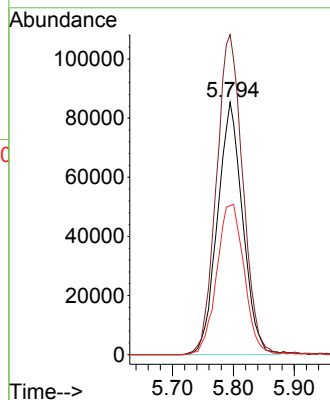
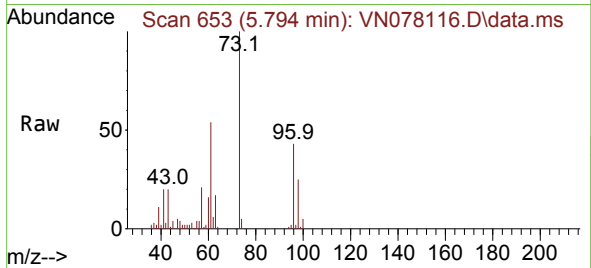




#21
trans-1,2-Dichloroethene
Concen: 46.480 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

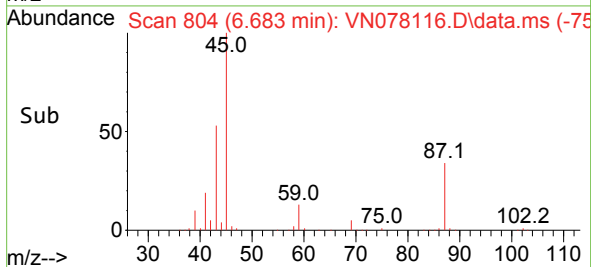
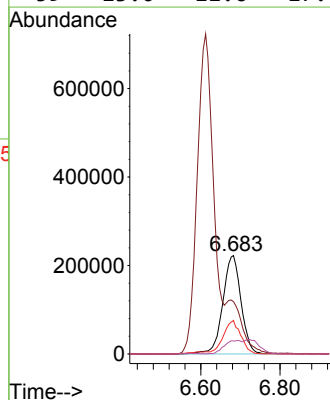
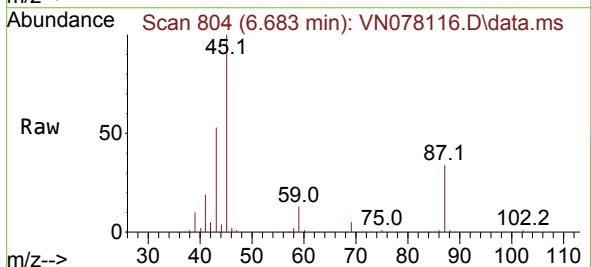
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

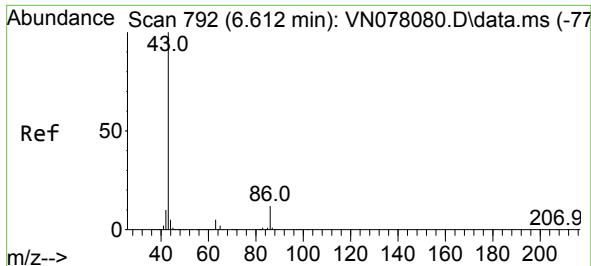
Tgt Ion: 96 Resp: 245856
Ion Ratio Lower Upper
96 100
61 126.7 90.1 135.1
98 59.0 46.4 69.6



#22
Diisopropyl ether
Concen: 50.482 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 45 Resp: 710872
Ion Ratio Lower Upper
45 100
43 52.6 45.5 68.3
87 33.8 31.8 47.8
59 13.0 11.6 17.4

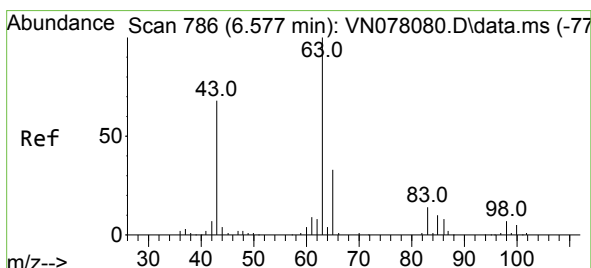
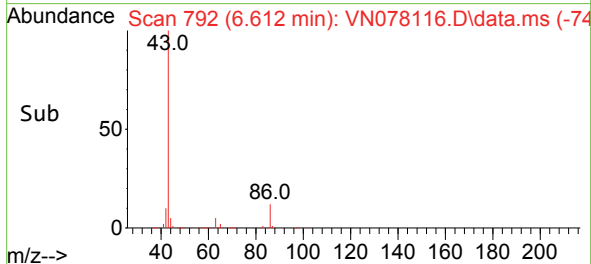
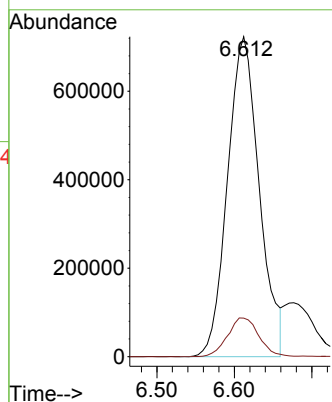
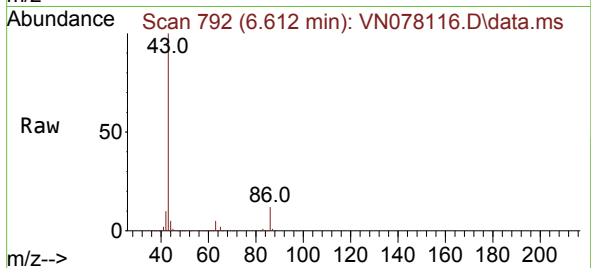




#23
 Vinyl Acetate
 Concen: 246.567 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

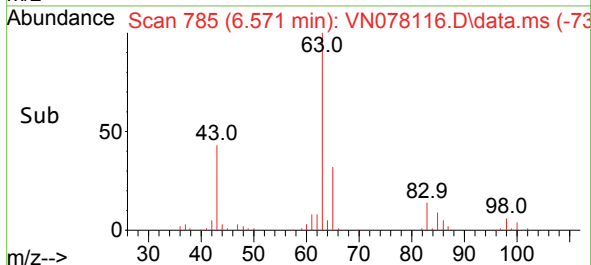
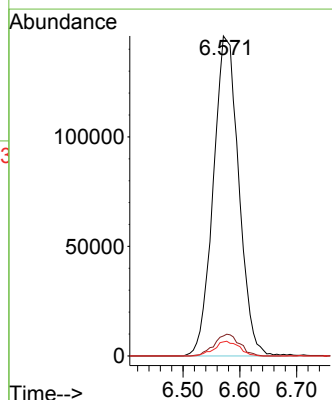
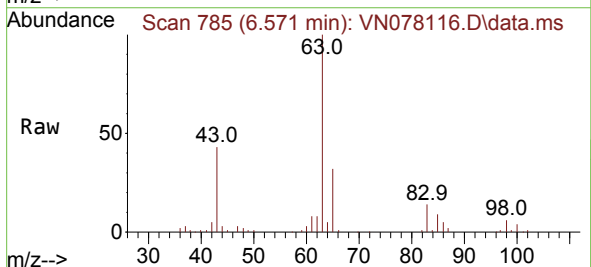
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

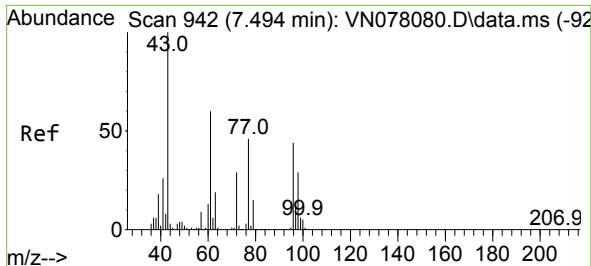
Tgt Ion: 43 Resp: 2063965
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 48.925 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

Tgt Ion: 63 Resp: 454483
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 4.4 2.5 7.4

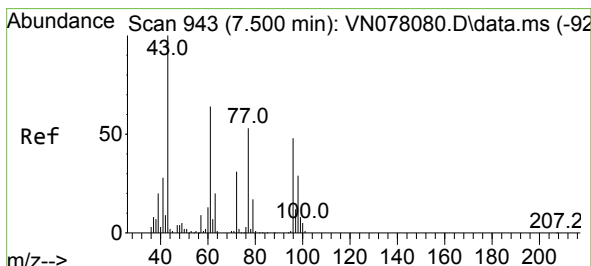
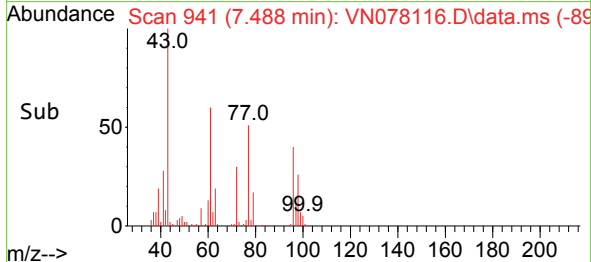
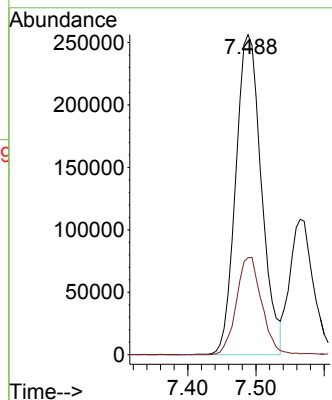
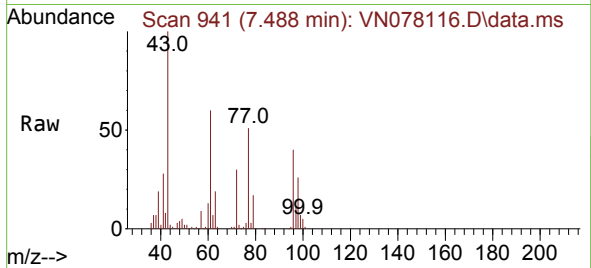




#25
2-Butanone
Concen: 253.333 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

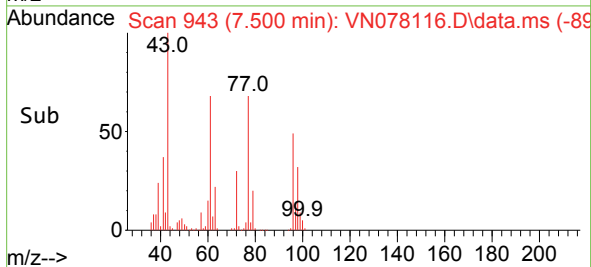
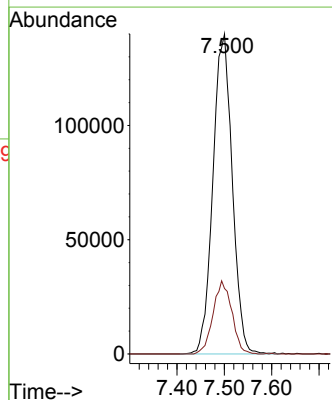
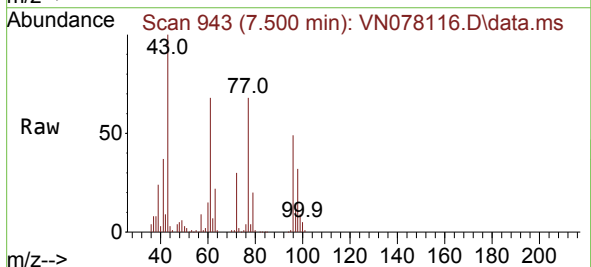
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

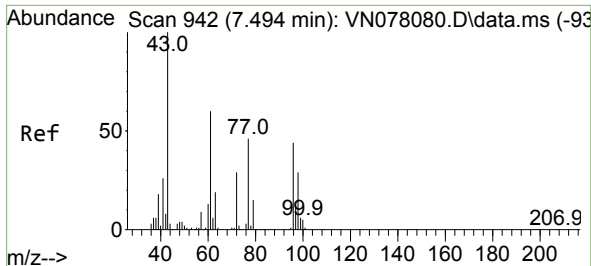
Tgt Ion: 43 Resp: 671440
Ion Ratio Lower Upper
43 100
72 30.3 30.2 45.2



#26
2,2-Dichloropropane
Concen: 57.890 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 77 Resp: 397069
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6

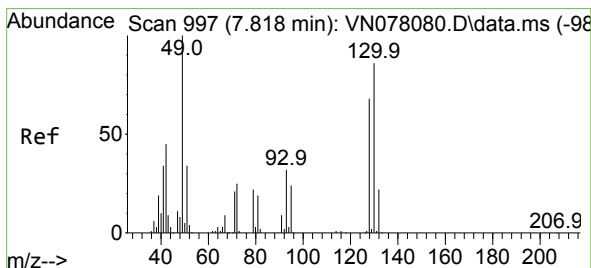
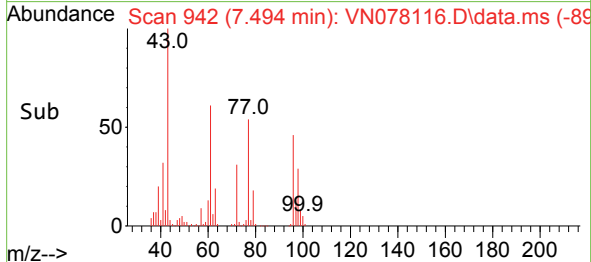
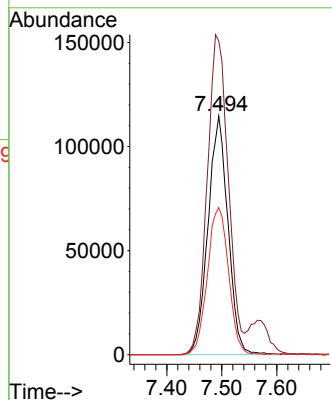
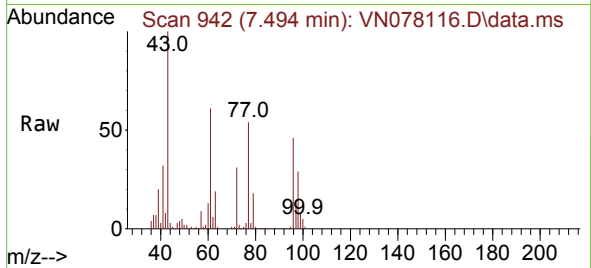




#27
 cis-1,2-Dichloroethene
 Concen: 45.869 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

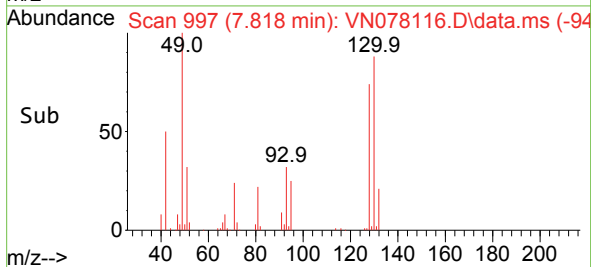
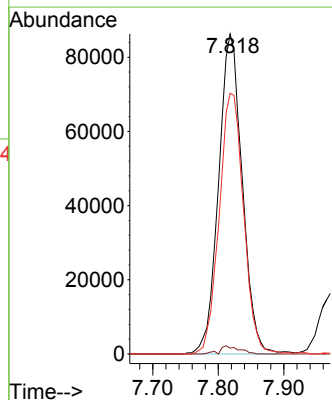
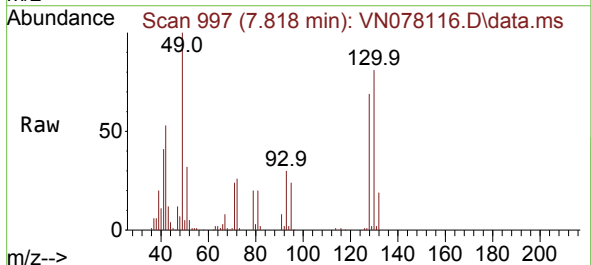
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

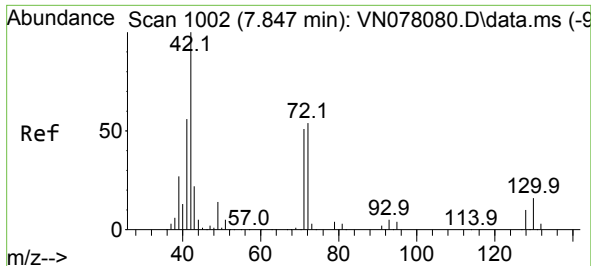
Tgt Ion: 96 Resp: 289403
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 255.2
 98 65.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 50.564 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

Tgt Ion: 49 Resp: 215663
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 84.0 75.3 112.9

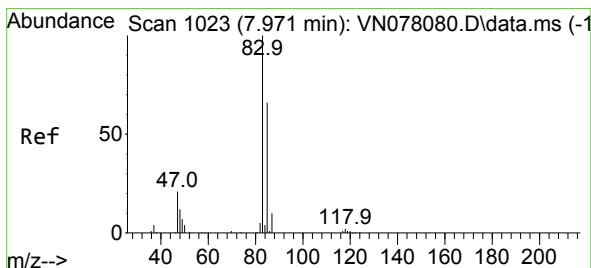
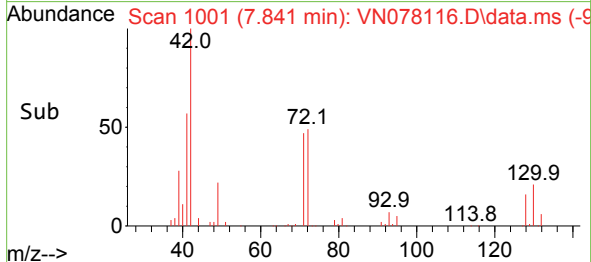
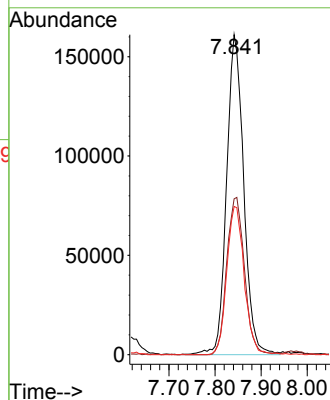
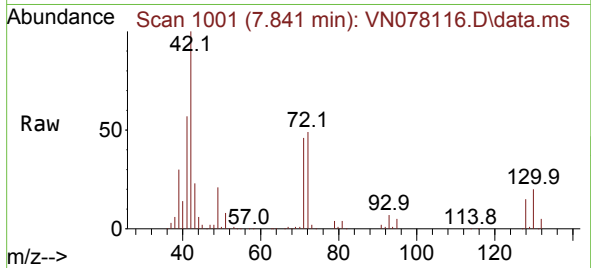




#29
Tetrahydrofuran
Concen: 234.136 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

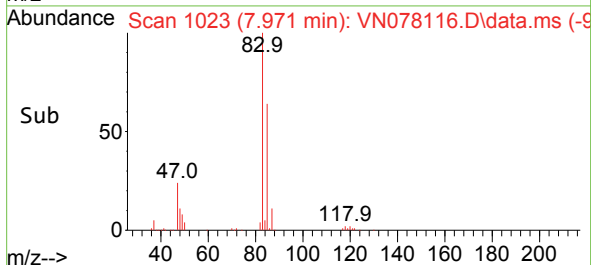
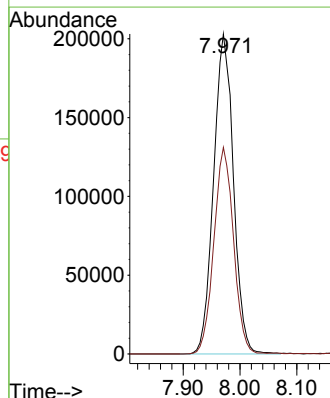
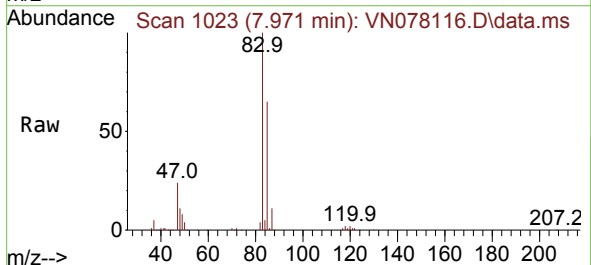
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

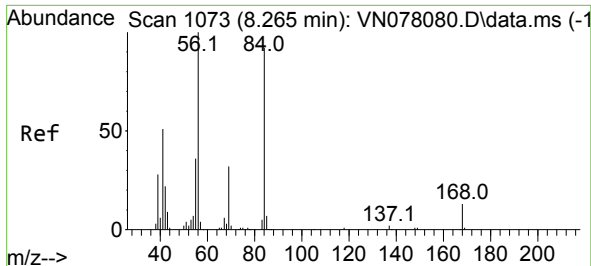
Tgt Ion: 42 Resp: 414848
Ion Ratio Lower Upper
42 100
72 50.9 49.8 74.6
71 47.1 47.4 71.2#



#30
Chloroform
Concen: 49.250 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 83 Resp: 492651
Ion Ratio Lower Upper
83 100
85 64.5 55.4 83.0

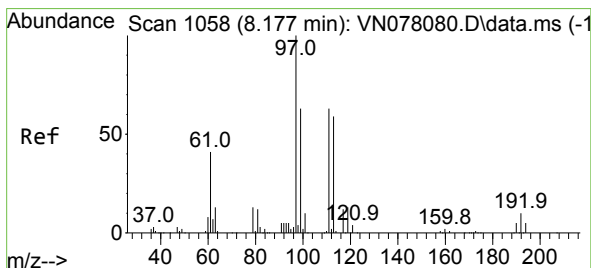
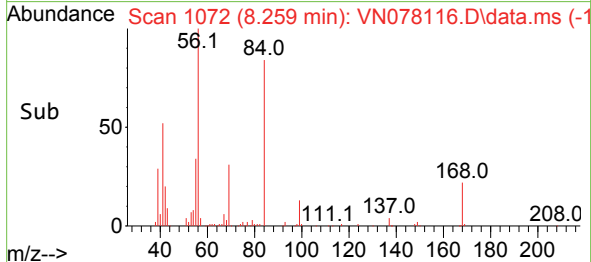
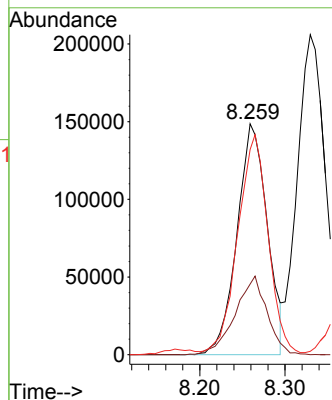
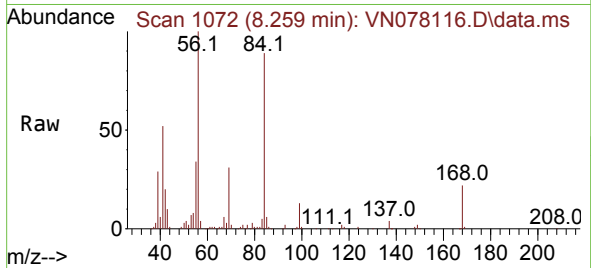




#31
Cyclohexane
Concen: 47.707 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

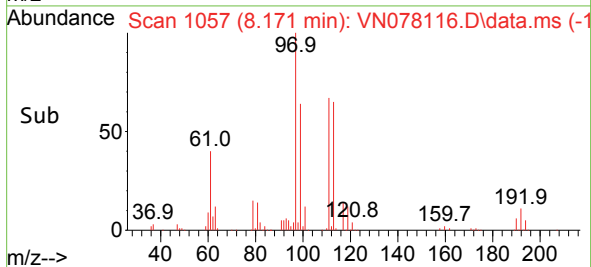
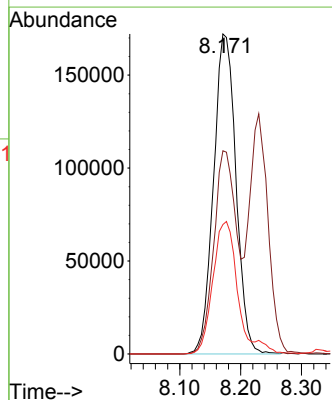
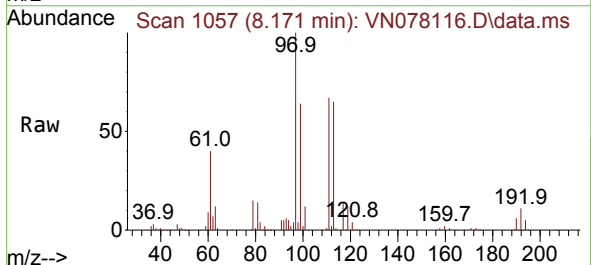
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

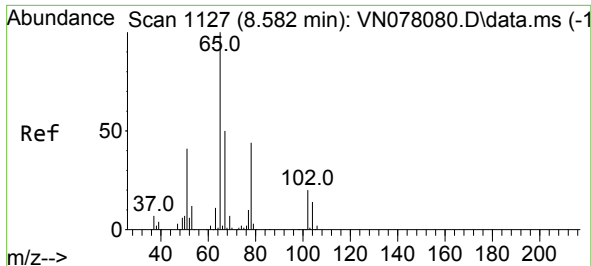
Tgt Ion: 56 Resp: 366446
Ion Ratio Lower Upper
56 100
69 30.5 26.8 40.2
84 86.8 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 50.168 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 97 Resp: 440576
Ion Ratio Lower Upper
97 100
99 63.1 50.3 75.5
61 46.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.888 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

Instrument :

MSVOA_N

ClientSampleId :

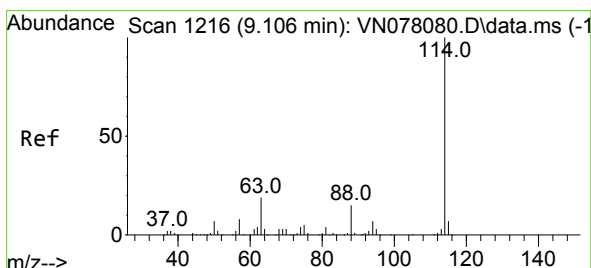
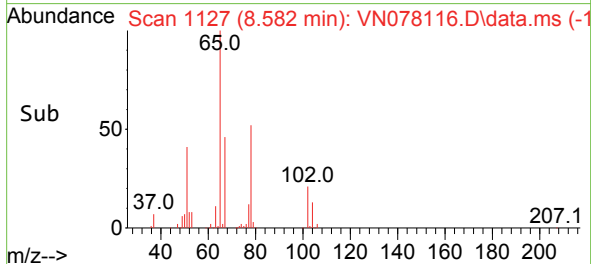
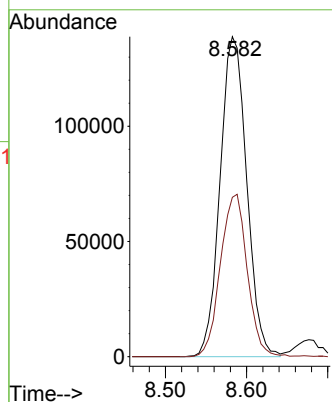
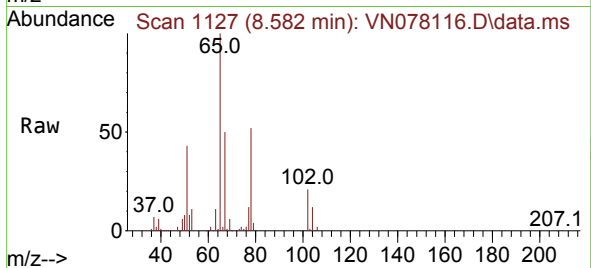
VSTDCCC050

Tgt Ion: 65 Resp: 316687

Ion Ratio Lower Upper

65 100

67 51.1 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: VN078116.D

Acq: 08 Jun 2023 09:08

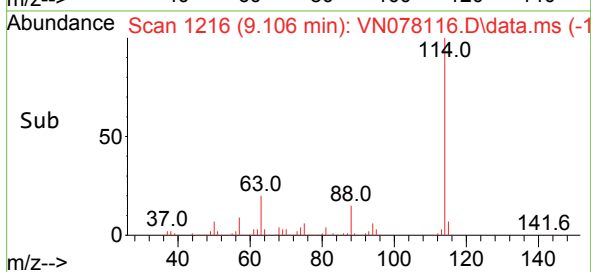
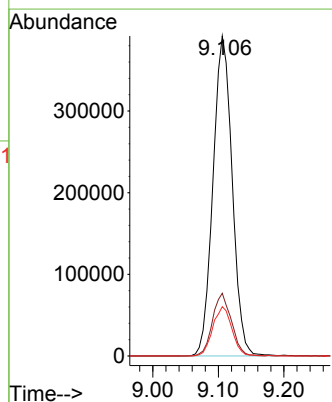
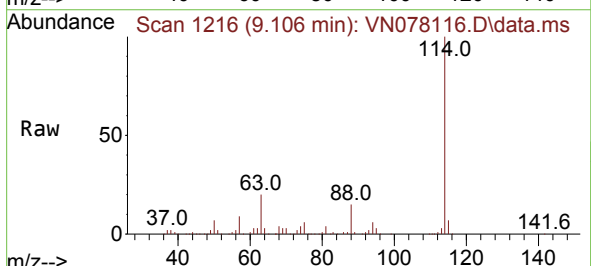
Tgt Ion: 114 Resp: 796091

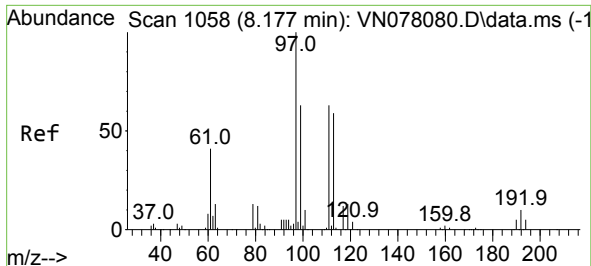
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.4 0.0 30.6

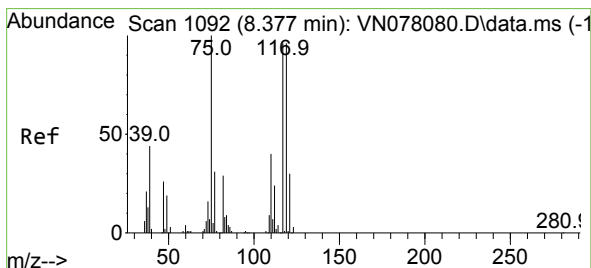
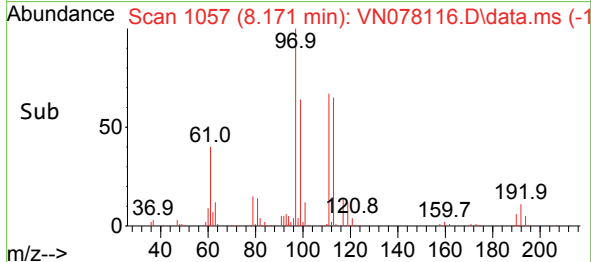
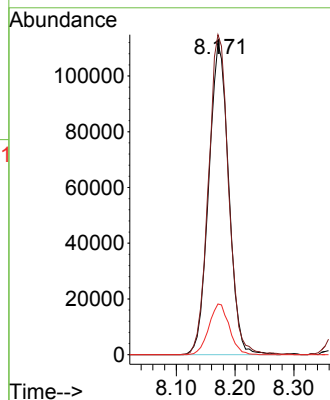
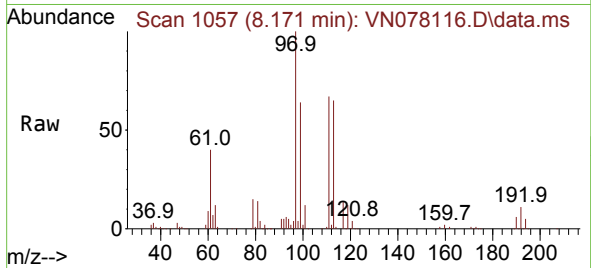




#35
 Dibromofluoromethane
 Concen: 52.451 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

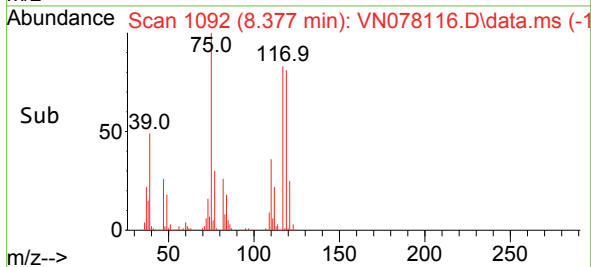
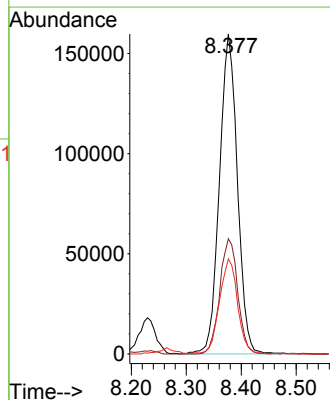
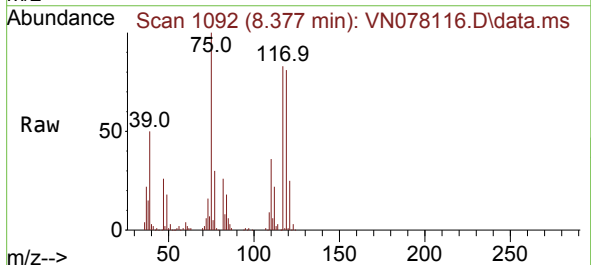
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

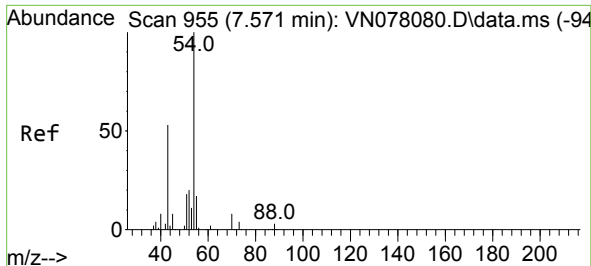
Tgt Ion:113 Resp: 264015
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.6 123.8
 192 16.6 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 50.223 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

Tgt Ion: 75 Resp: 362613
 Ion Ratio Lower Upper
 75 100
 110 36.1 19.1 57.3
 77 30.0 25.0 37.4





#37

Ethyl Acetate

Concen: 46.996 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

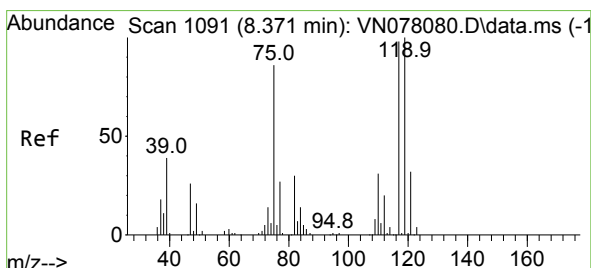
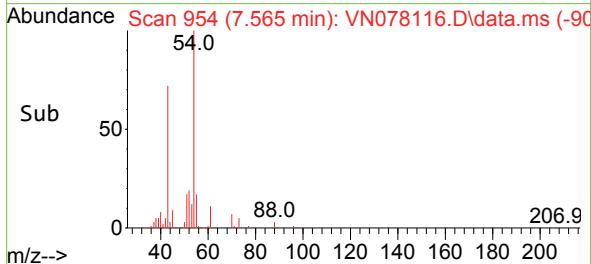
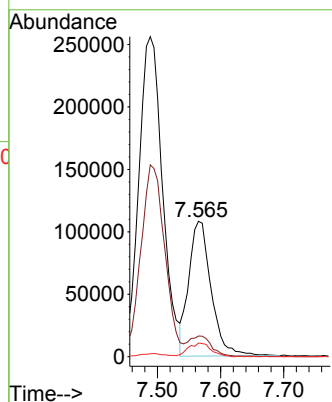
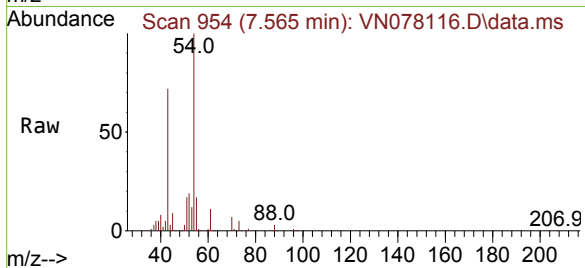
Tgt Ion: 43 Resp: 265072

Ion Ratio Lower Upper

43 100

61 15.2 13.2 19.8

70 10.3 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 50.393 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

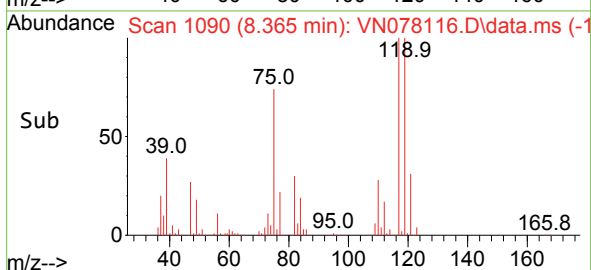
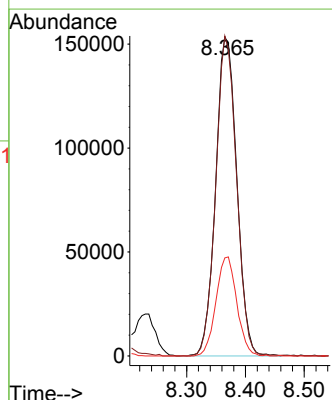
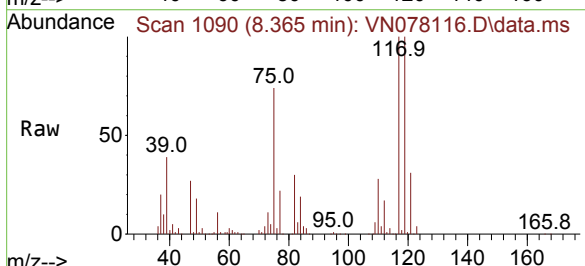
Tgt Ion: 117 Resp: 384184

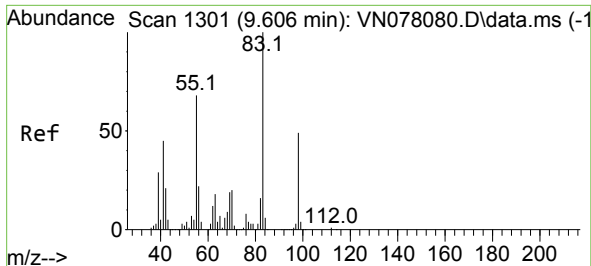
Ion Ratio Lower Upper

117 100

119 100.4 77.3 115.9

121 30.8 23.3 34.9





#39

Methylcyclohexane

Concen: 49.686 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

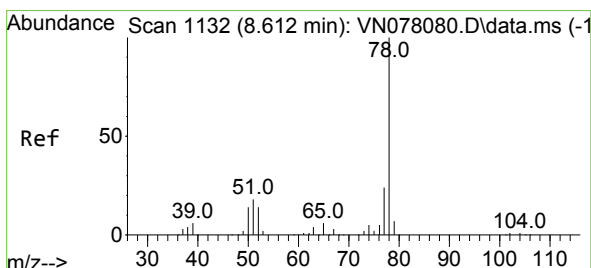
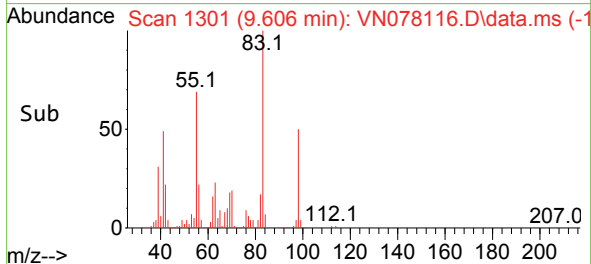
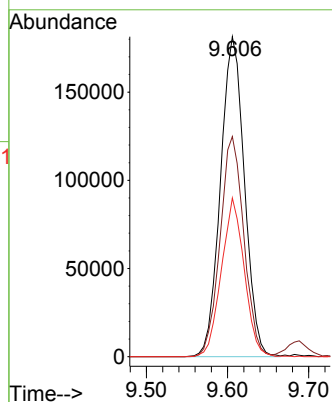
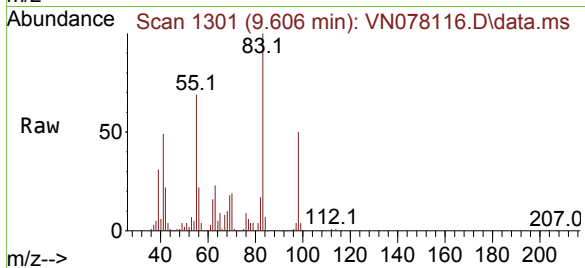
Tgt Ion: 83 Resp: 371771

Ion Ratio Lower Upper

83 100

55 68.8 49.1 73.7

98 49.6 40.6 61.0



#40

Benzene

Concen: 49.779 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078116.D

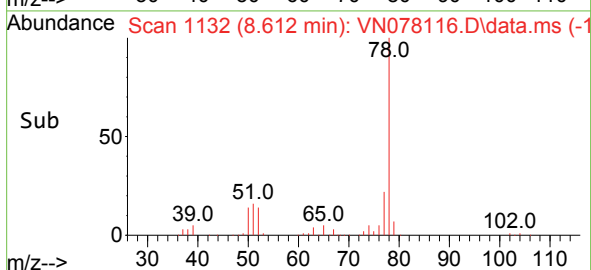
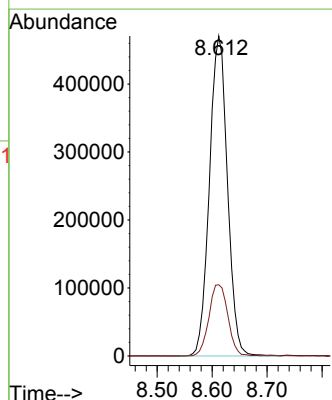
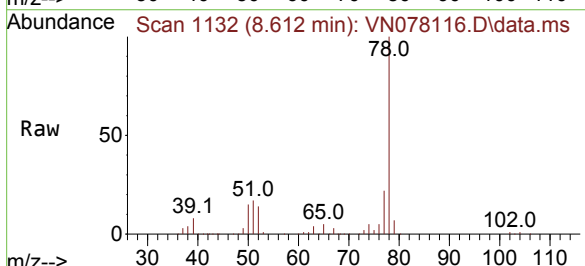
Acq: 08 Jun 2023 09:08

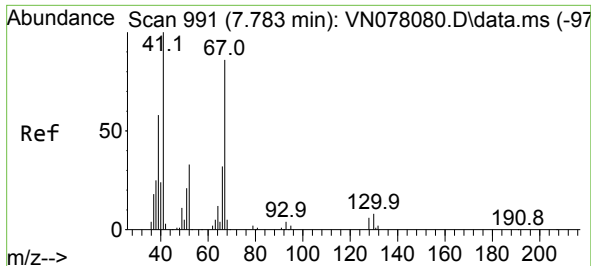
Tgt Ion: 78 Resp: 1072985

Ion Ratio Lower Upper

78 100

77 22.3 19.0 28.6

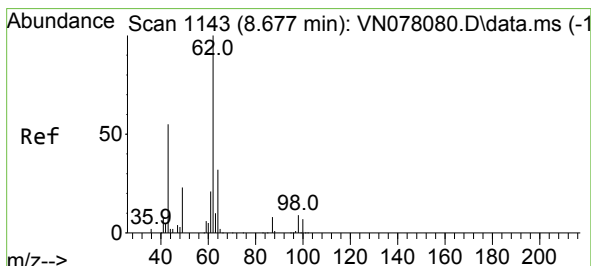
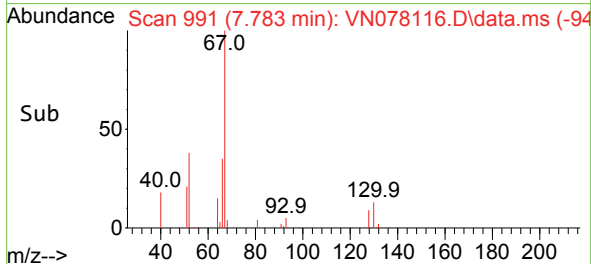
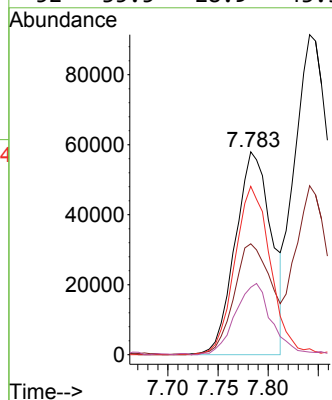
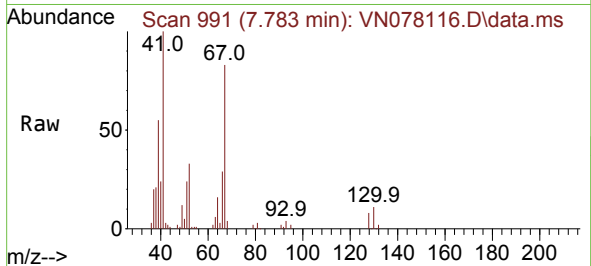




#41
Methacrylonitrile
Concen: 47.660 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

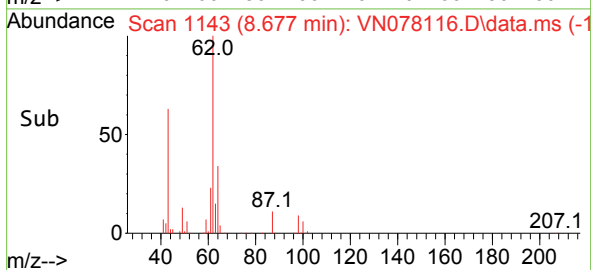
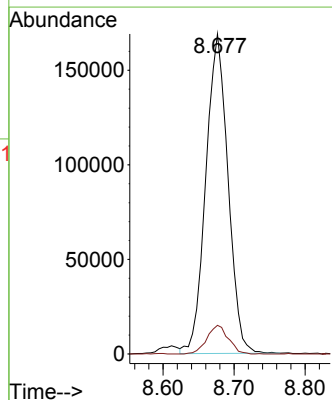
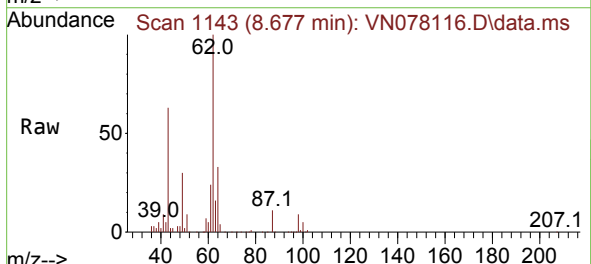
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

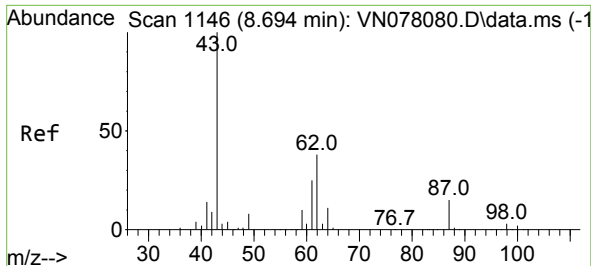
Tgt Ion:	41	Resp:	145707
Ion Ratio	Lower	Upper	
41	100		
39	56.5	42.6	64.0
67	81.8	77.5	116.3
52	35.5	28.9	43.3



#42
1,2-Dichloroethane
Concen: 49.667 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion:	62	Resp:	367069
Ion Ratio	Lower	Upper	
62	100		
98	8.6	0.0	19.8

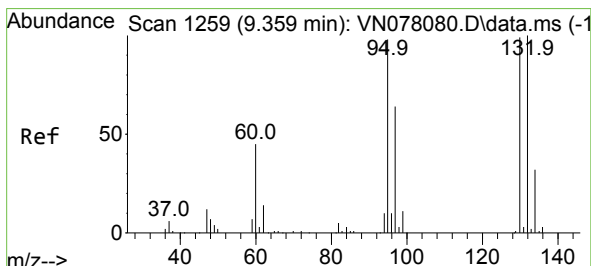
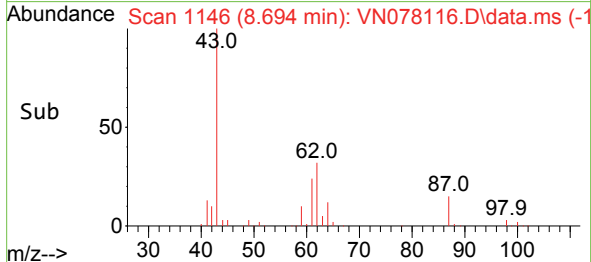
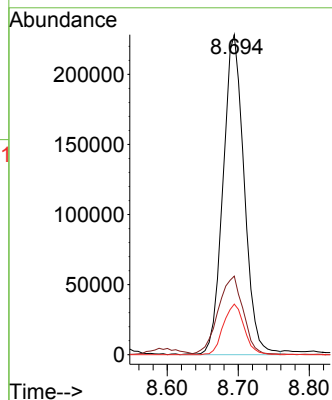
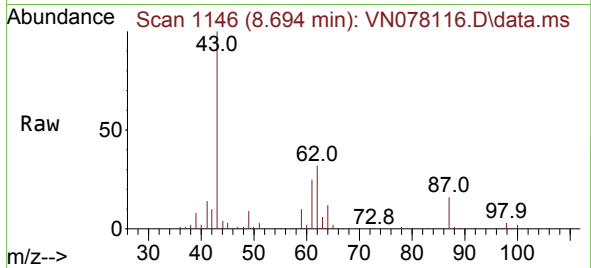




#43
Isopropyl Acetate
Concen: 43.670 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

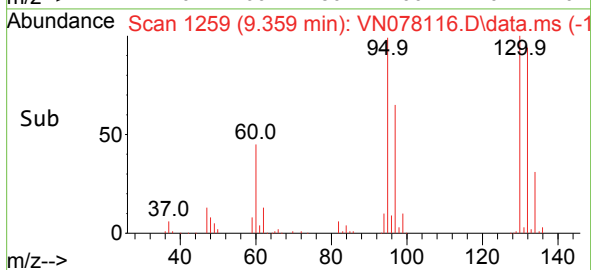
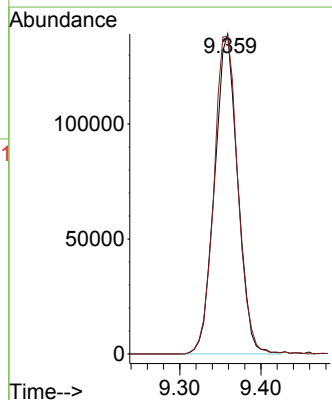
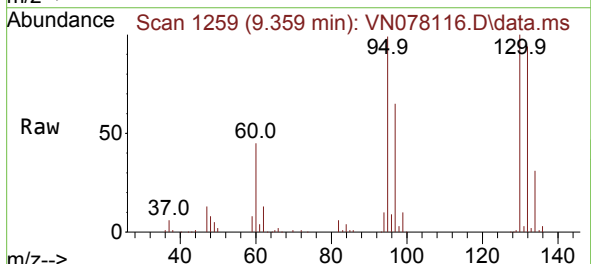
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

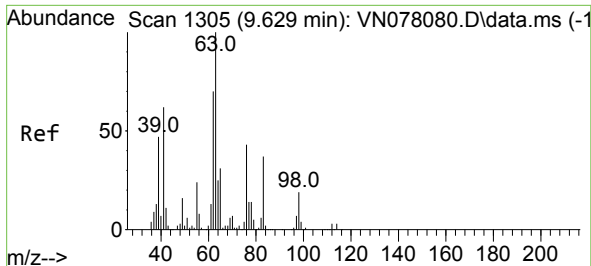
Tgt Ion: 43 Resp: 471061
Ion Ratio Lower Upper
43 100
61 29.3 24.7 37.1
87 15.6 14.6 21.8



#44
Trichloroethene
Concen: 48.420 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion:130 Resp: 275627
Ion Ratio Lower Upper
130 100
95 99.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.689 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

Instrument :

MSVOA_N

ClientSampleId :

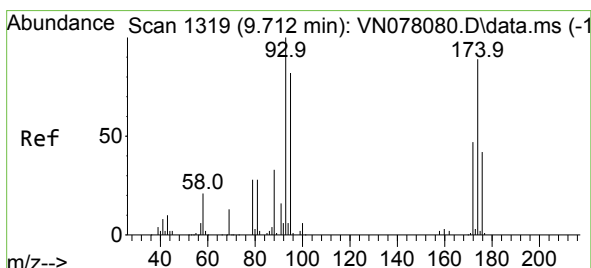
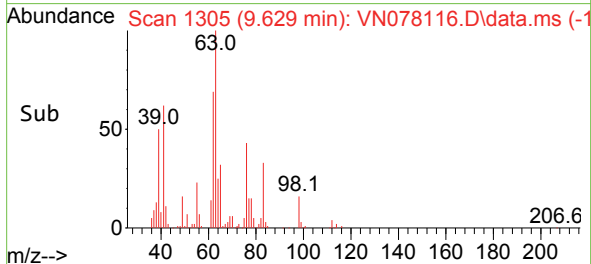
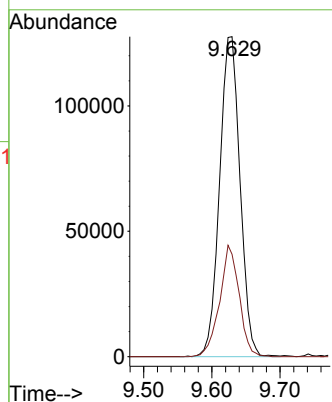
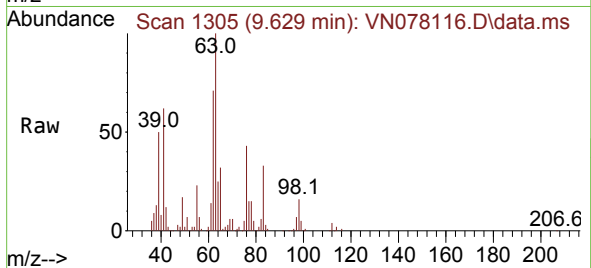
VSTDCCC050

Tgt Ion: 63 Resp: 266475

Ion Ratio Lower Upper

63 100

65 32.0 23.9 35.9



#46

Dibromomethane

Concen: 47.967 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

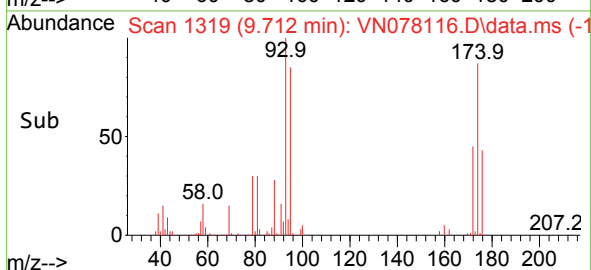
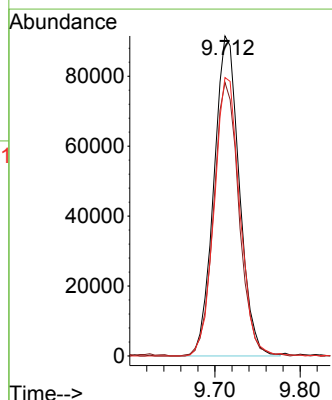
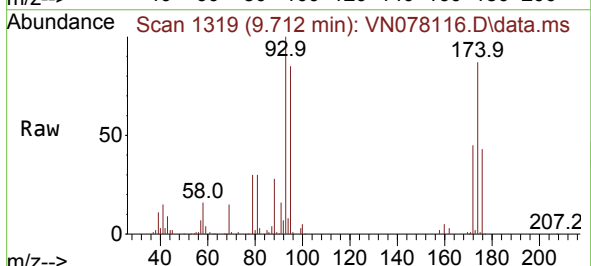
Tgt Ion: 93 Resp: 189478

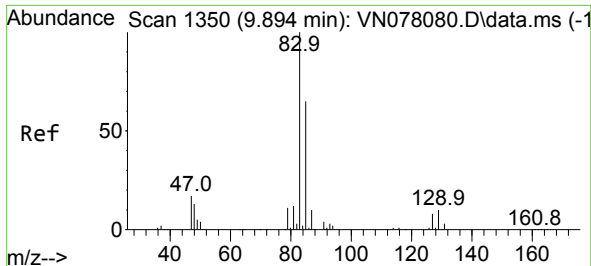
Ion Ratio Lower Upper

93 100

95 85.2 63.8 95.8

174 87.6 65.6 98.4

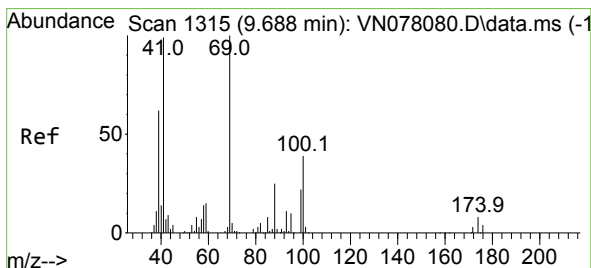
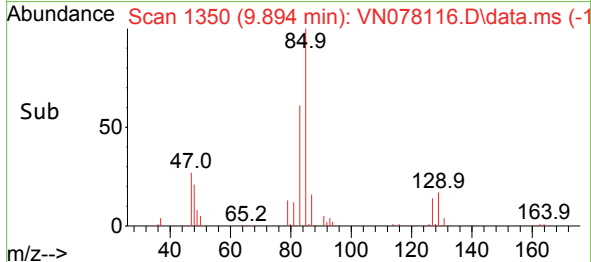
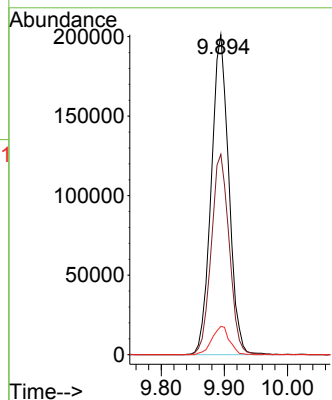
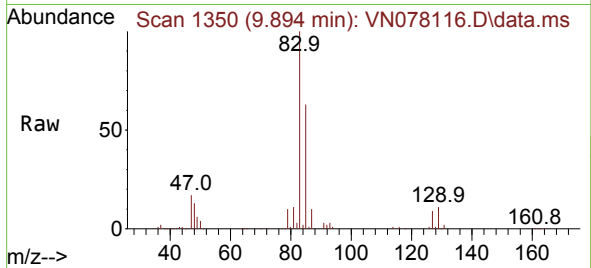




#47
Bromodichloromethane
Concen: 52.865 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

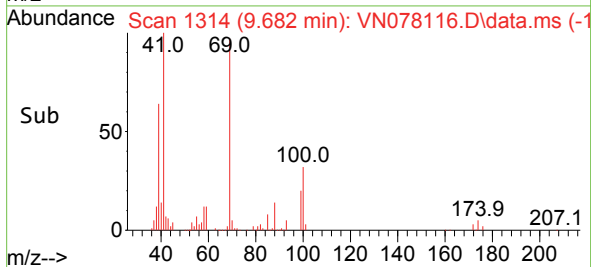
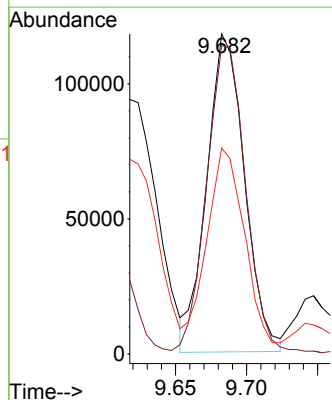
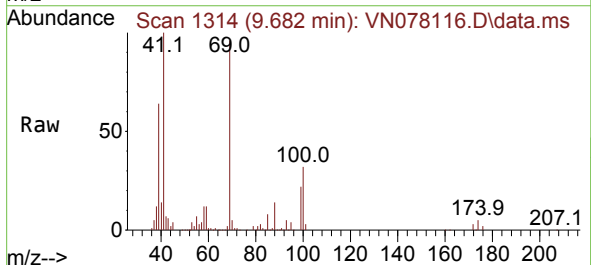
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

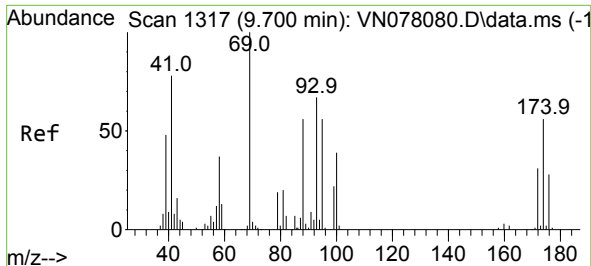
Tgt Ion: 83 Resp: 387897
Ion Ratio Lower Upper
83 100
85 62.6 49.6 74.4
127 8.9 7.0 10.6



#48
Methyl methacrylate
Concen: 48.178 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 41 Resp: 218092
Ion Ratio Lower Upper
41 100
69 100.2 90.4 135.6
39 66.1 54.6 81.8

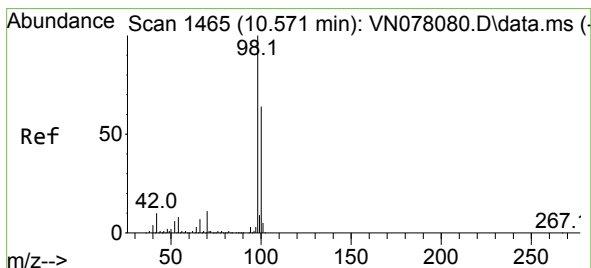
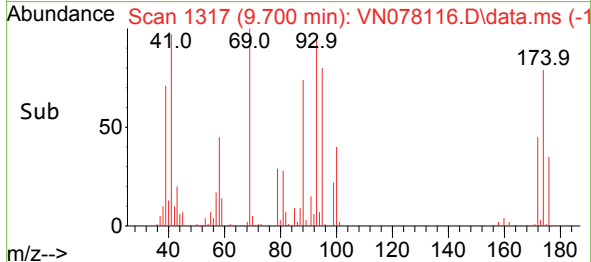
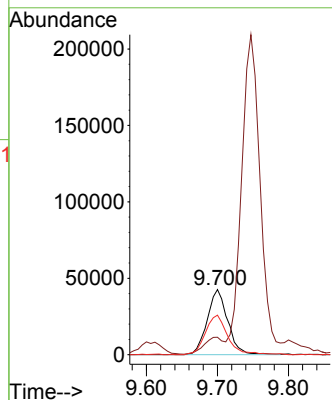
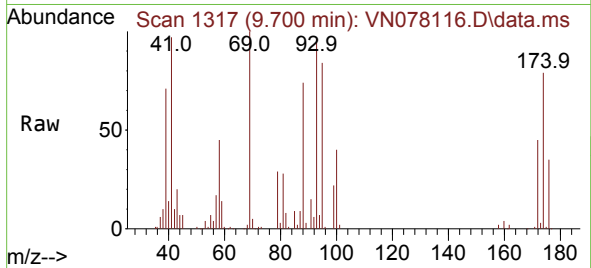




#49
1,4-Dioxane
Concen: 901.256 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

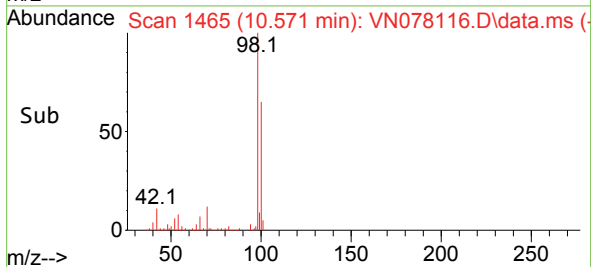
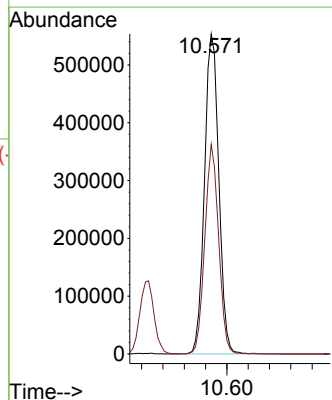
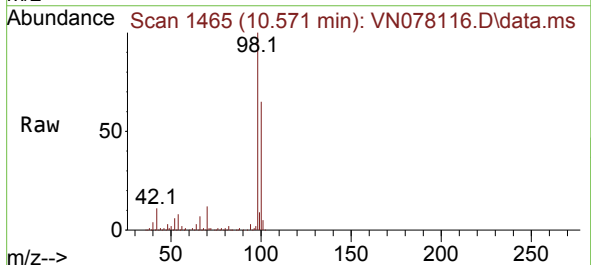
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

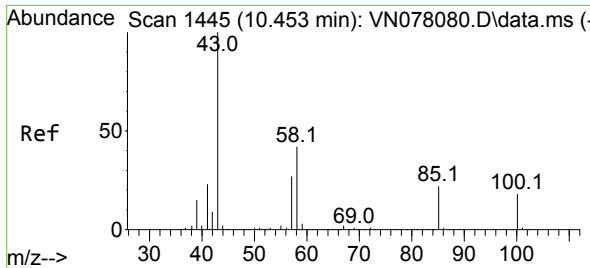
Tgt Ion: 88 Resp: 85748
Ion Ratio Lower Upper
88 100
43 25.8 17.0 25.6#
58 66.3 47.0 70.4



#50
Toluene-d8
Concen: 53.125 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 98 Resp: 1030883
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0

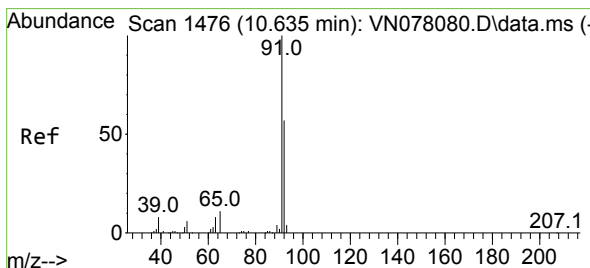
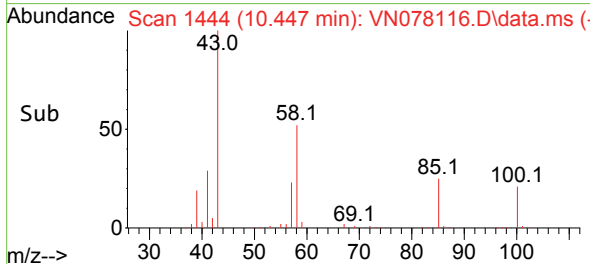
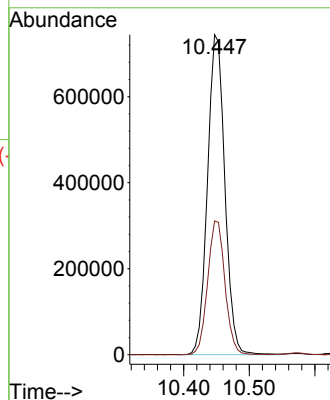
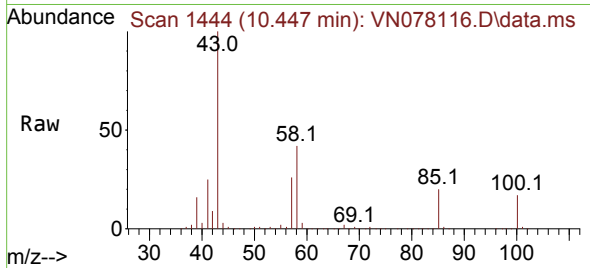




#51
4-Methyl-2-Pentanone
Concen: 240.877 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

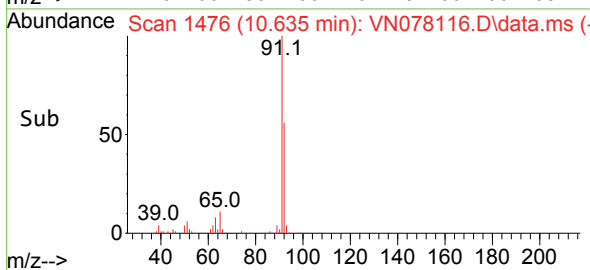
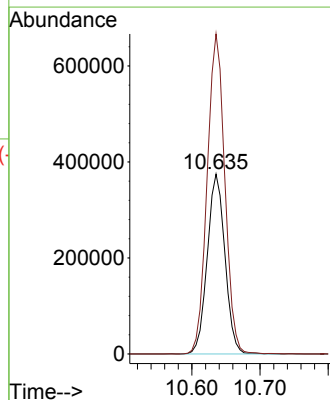
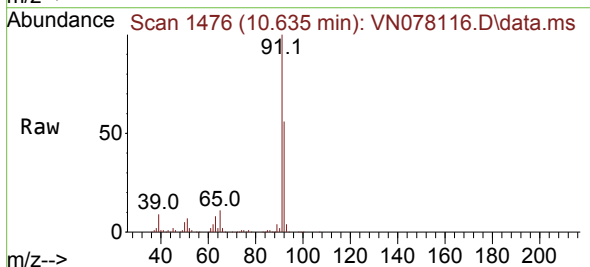
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

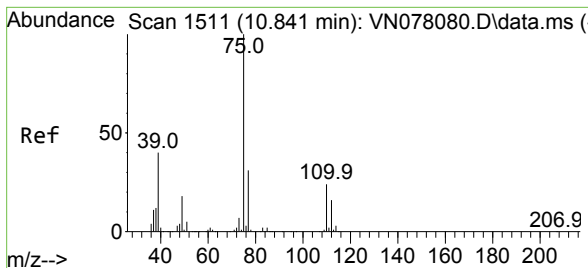
Tgt Ion: 43 Resp: 1368242
Ion Ratio Lower Upper
43 100
58 41.8 36.6 54.8



#52
Toluene
Concen: 49.631 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 92 Resp: 675437
Ion Ratio Lower Upper
92 100
91 178.3 137.4 206.0

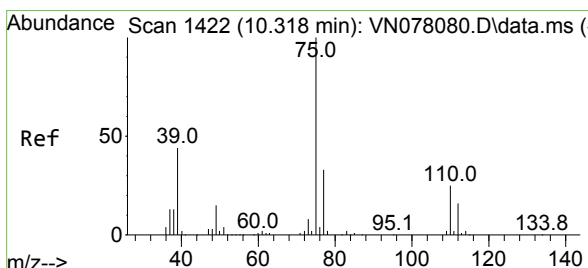
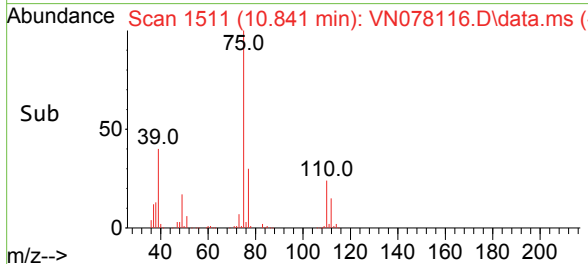
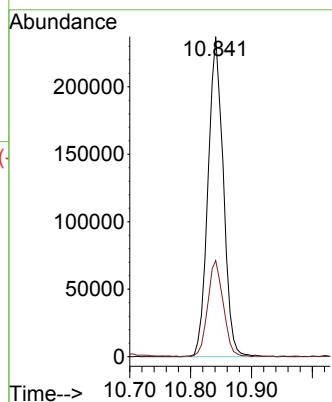
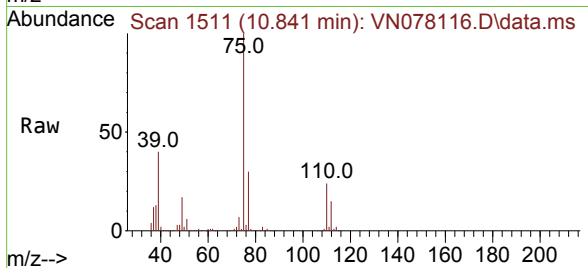




#53
 t-1,3-Dichloropropene
 Concen: 54.083 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

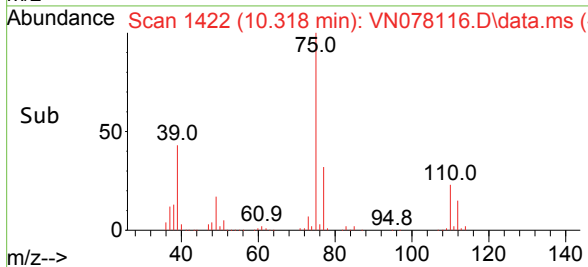
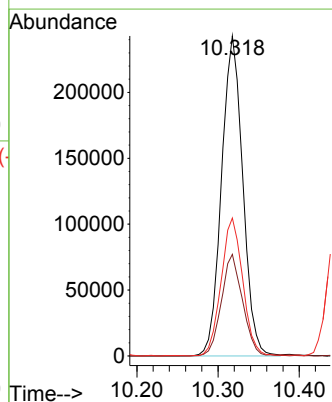
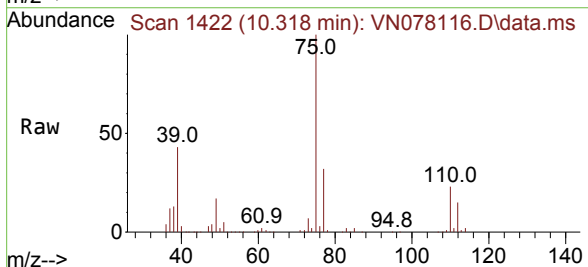
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

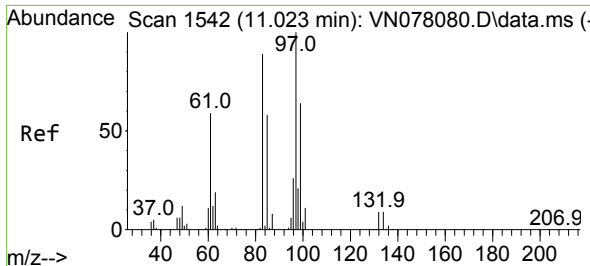
Tgt Ion: 75 Resp: 413280
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.335 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

Tgt Ion: 75 Resp: 442082
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.1 39.1
 39 43.0 31.6 47.4

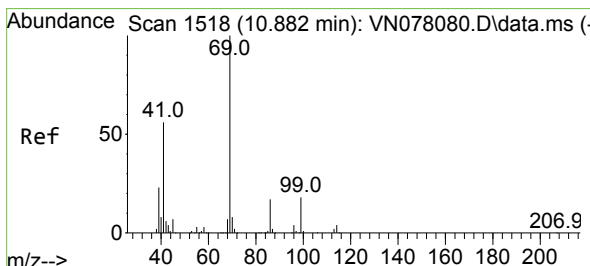
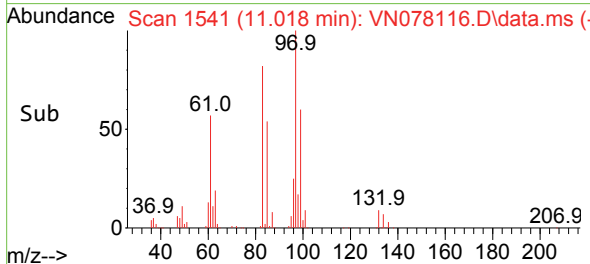
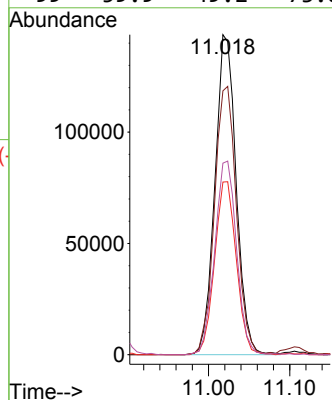
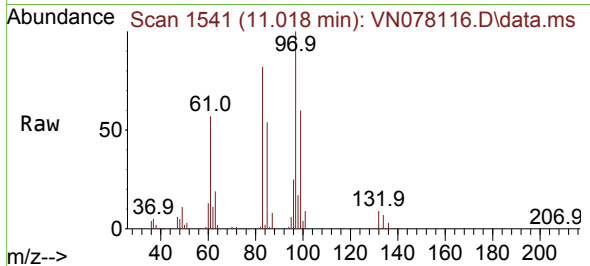




#55
1,1,2-Trichloroethane
Concen: 50.867 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

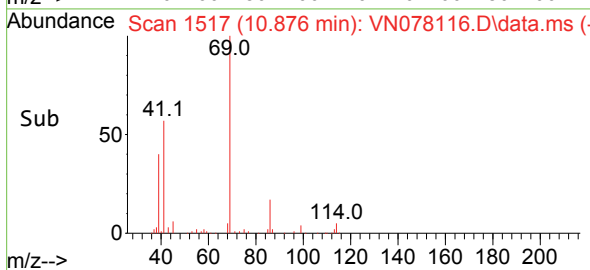
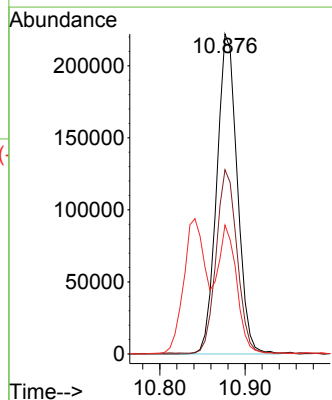
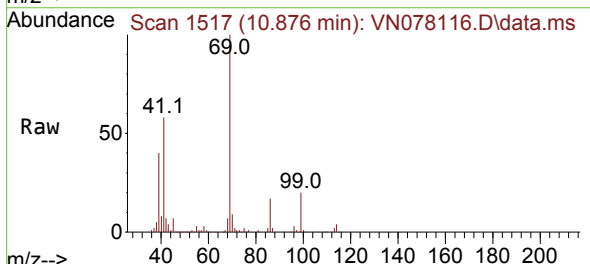
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

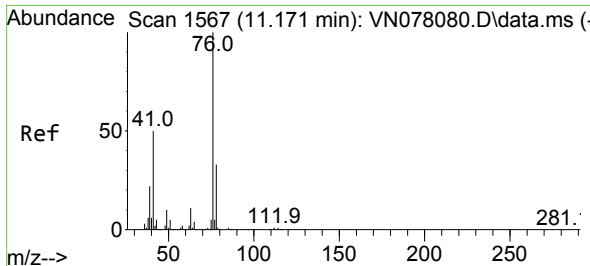
Tgt Ion:	97	Resp:	261873
Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.1	97.7
85	54.0	43.4	65.2
99	59.9	49.2	73.8



#56
Ethyl methacrylate
Concen: 49.541 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion:	69	Resp:	371368
Ion	Ratio	Lower	Upper
69	100		
41	58.5	39.6	59.4
39	38.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 50.560 ug/l

RT: 11.165 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

Instrument :

MSVOA_N

ClientSampleId :

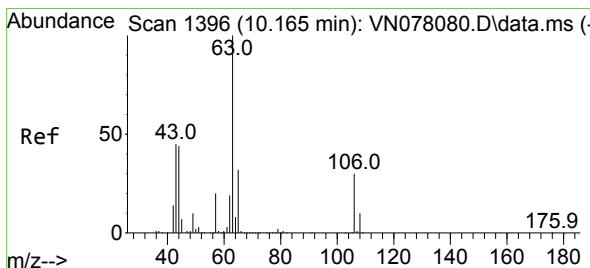
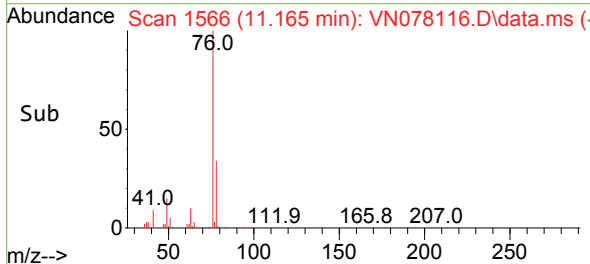
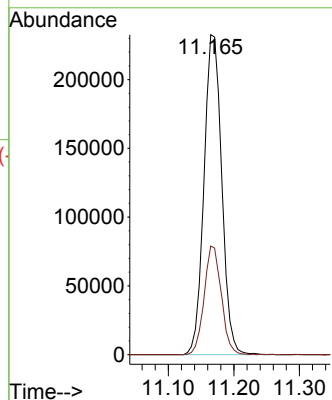
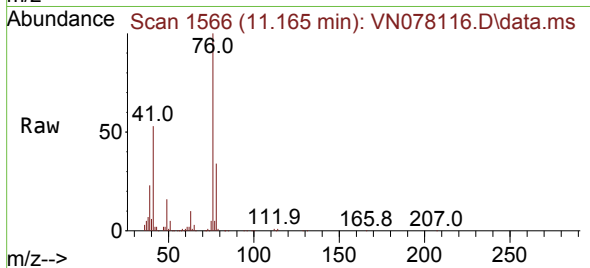
VSTDCCC050

Tgt Ion: 76 Resp: 439371

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 259.009 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078116.D

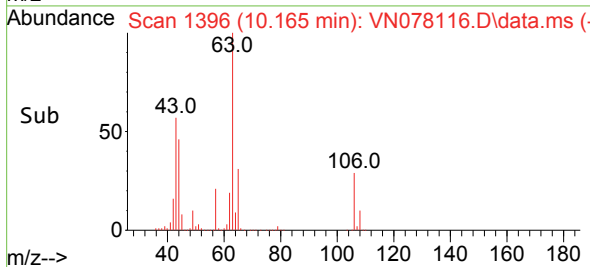
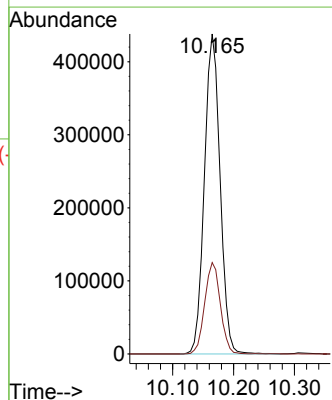
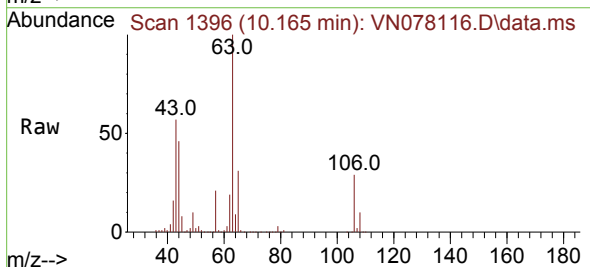
Acq: 08 Jun 2023 09:08

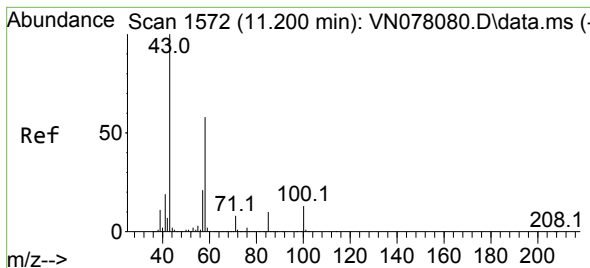
Tgt Ion: 63 Resp: 784341

Ion Ratio Lower Upper

63 100

106 28.5 26.2 39.4

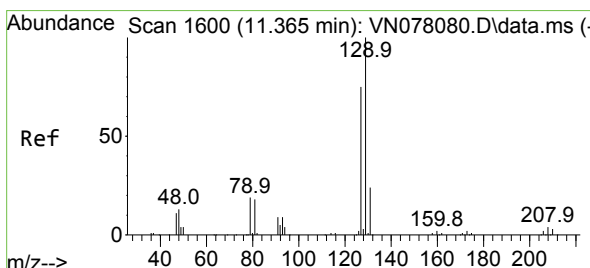
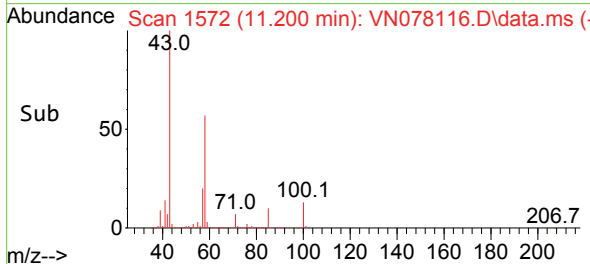
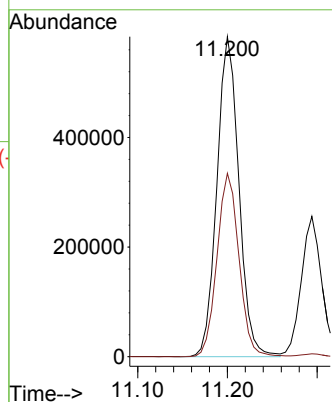
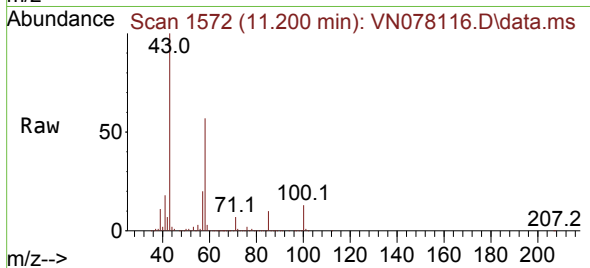




#59
2-Hexanone
Concen: 251.099 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

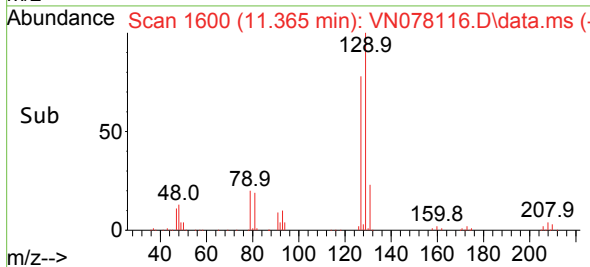
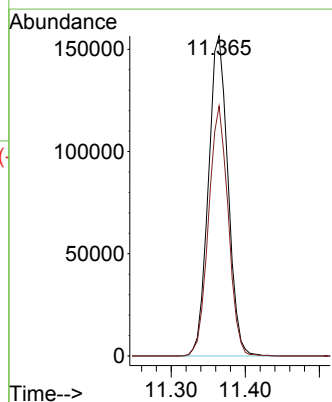
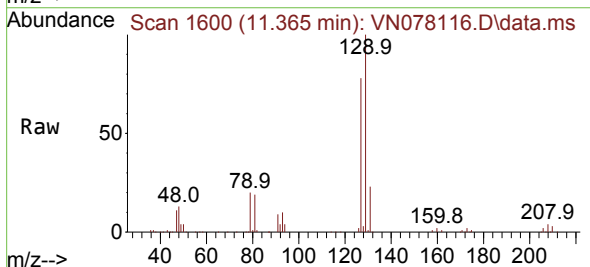
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

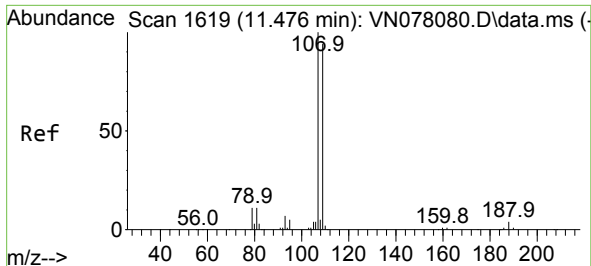
Tgt Ion: 43 Resp: 993122
Ion Ratio Lower Upper
43 100
58 57.3 31.7 95.1



#60
Dibromochloromethane
Concen: 51.026 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 129 Resp: 287455
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0

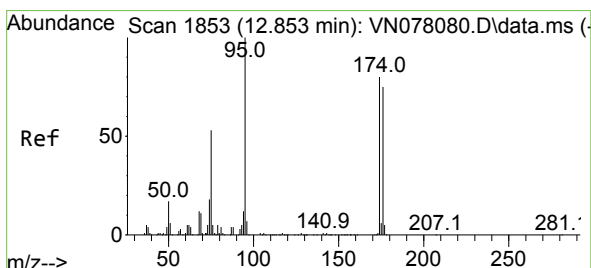
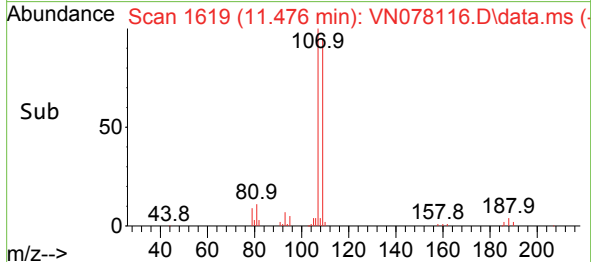
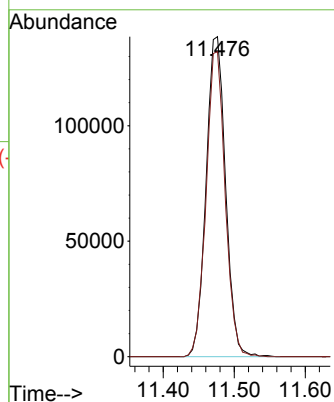
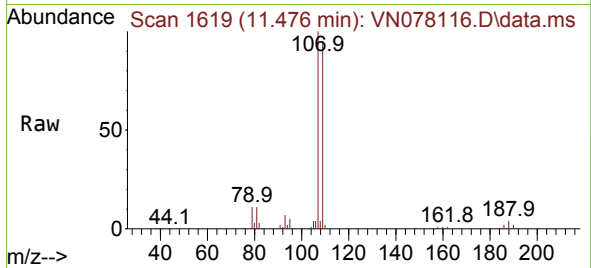




#61
1,2-Dibromoethane
Concen: 48.852 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

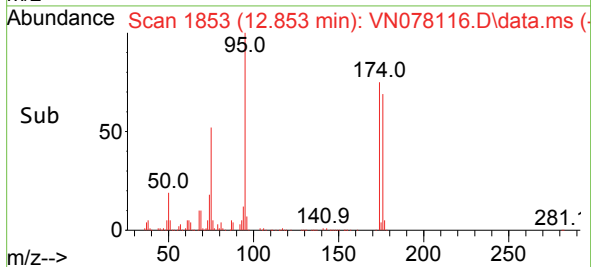
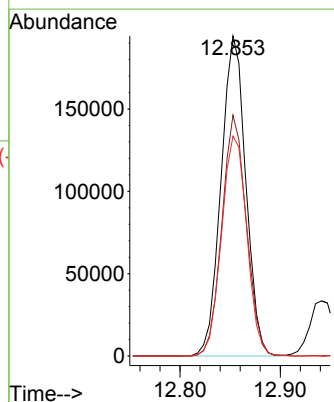
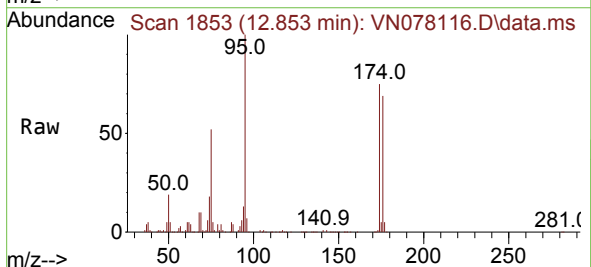
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

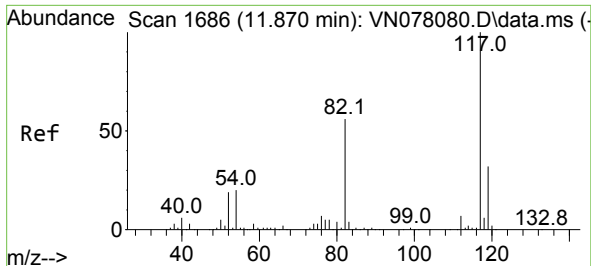
Tgt Ion:107 Resp: 263934
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 55.167 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 95 Resp: 332794
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 70.3 0.0 135.8

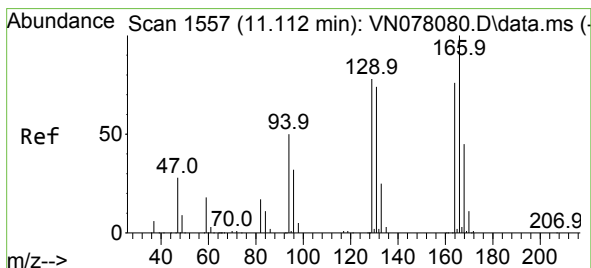
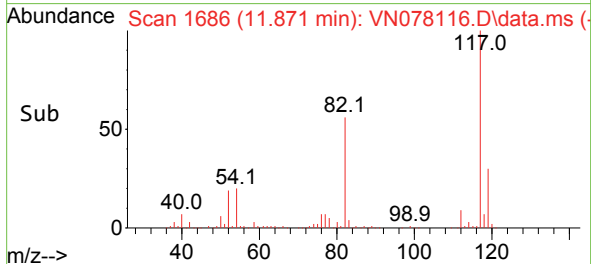
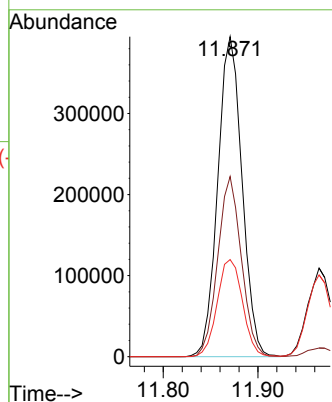
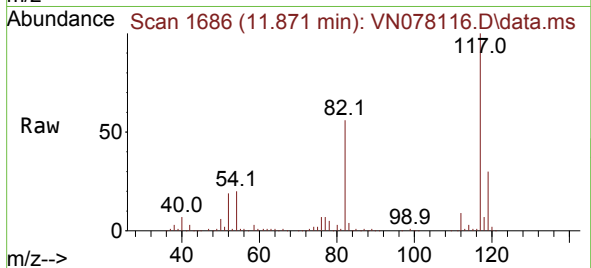




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

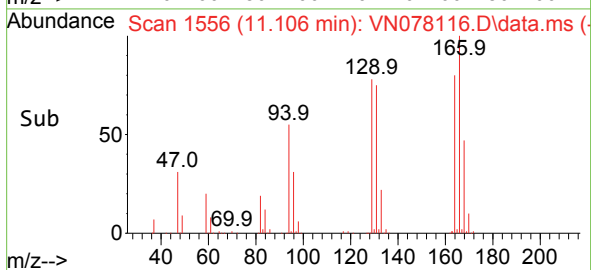
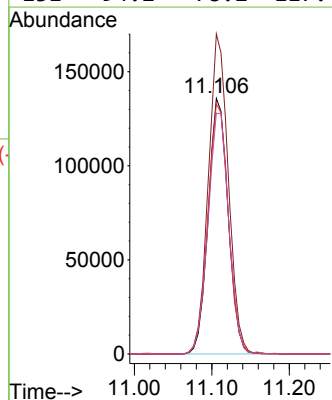
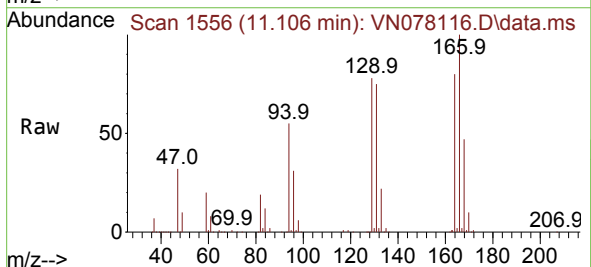
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

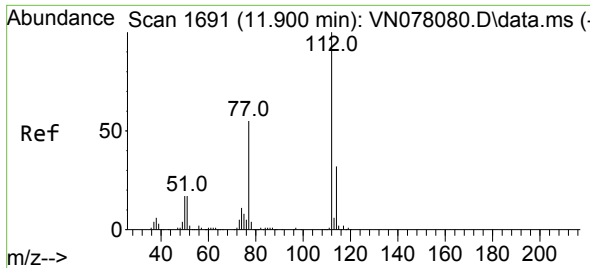
Tgt Ion:117 Resp: 703593
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 30.4 25.6 38.4



#64
Tetrachloroethene
Concen: 51.794 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion:164 Resp: 243117
Ion Ratio Lower Upper
164 100
166 125.2 101.4 152.0
129 97.9 82.4 123.6
131 94.2 78.2 117.4

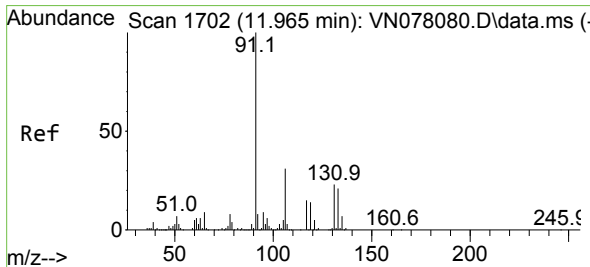
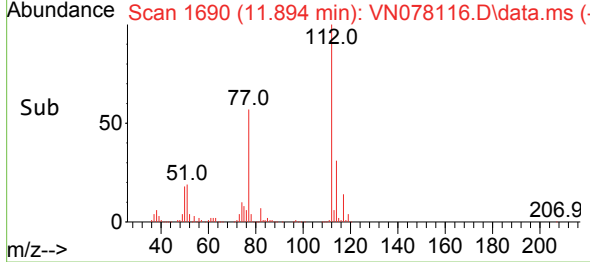
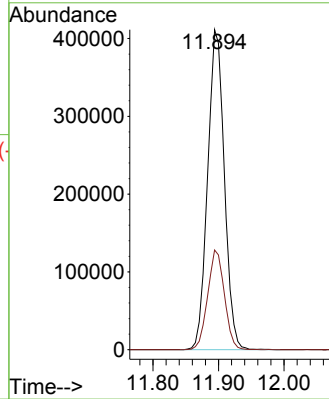
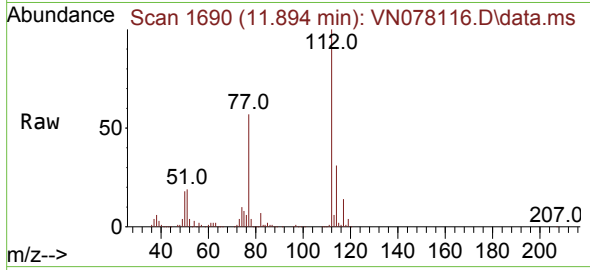




#65
Chlorobenzene
Concen: 48.400 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

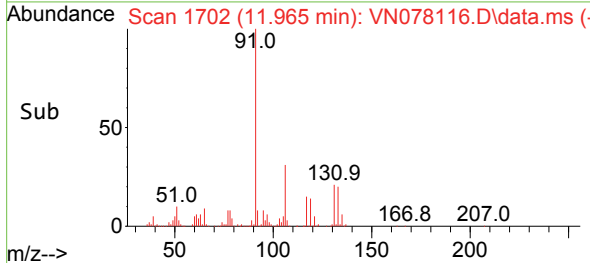
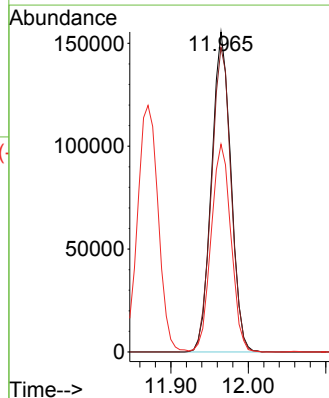
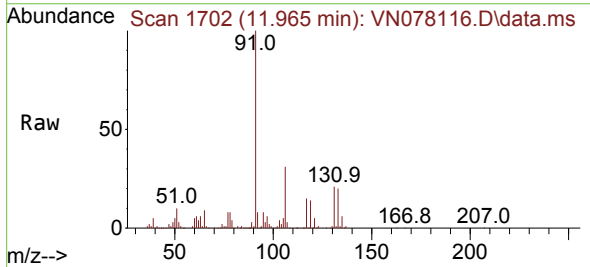
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

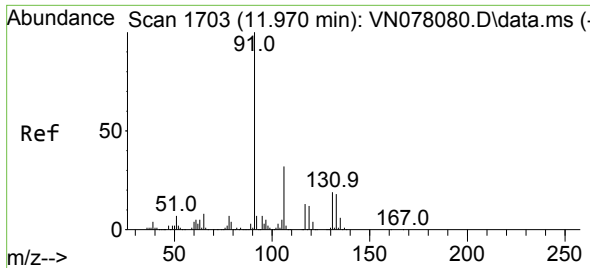
Tgt Ion:112 Resp: 729285
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.659 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion:131 Resp: 269664
Ion Ratio Lower Upper
131 100
133 96.8 46.4 139.1
119 66.7 34.1 102.2

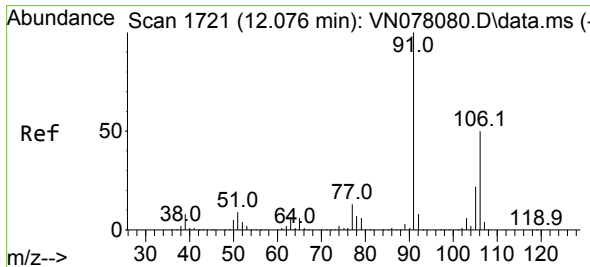
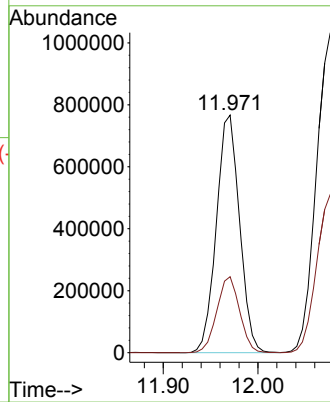
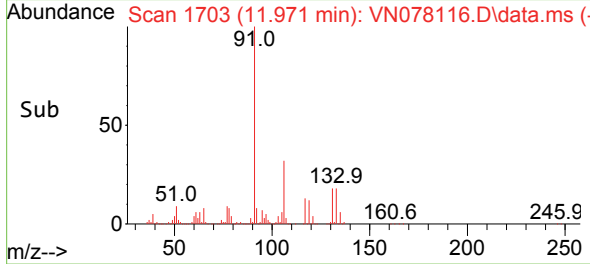
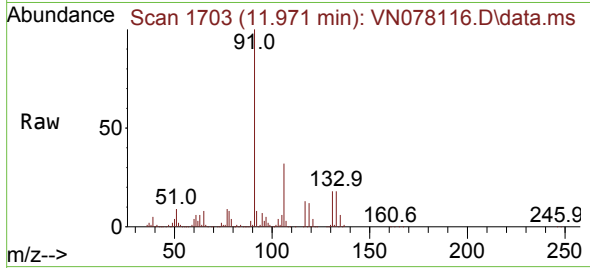




#67
Ethyl Benzene
Concen: 50.238 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

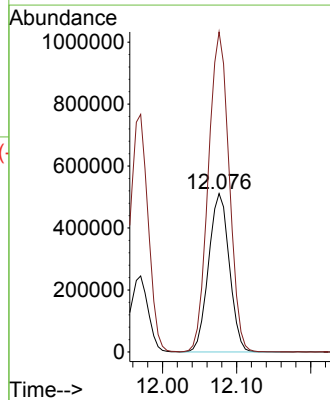
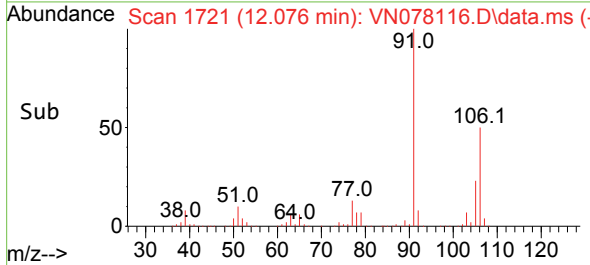
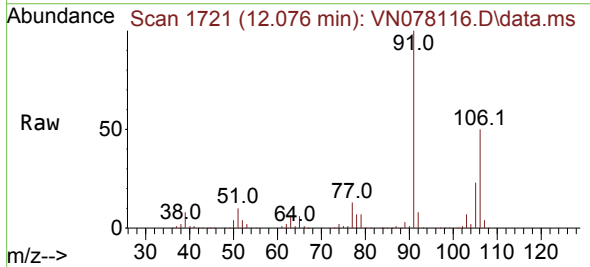
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

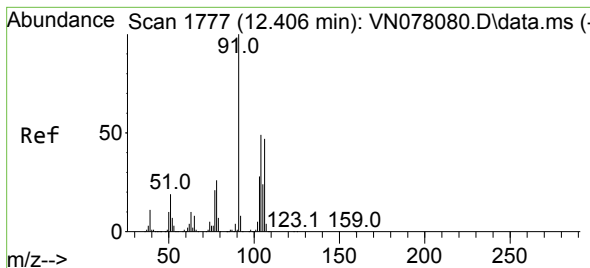
Tgt Ion: 91 Resp: 1306144
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 100.295 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion:106 Resp: 993762
Ion Ratio Lower Upper
106 100
91 202.4 159.6 239.4





#69

o-Xylene

Concen: 49.522 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

Instrument :

MSVOA_N

ClientSampleId :

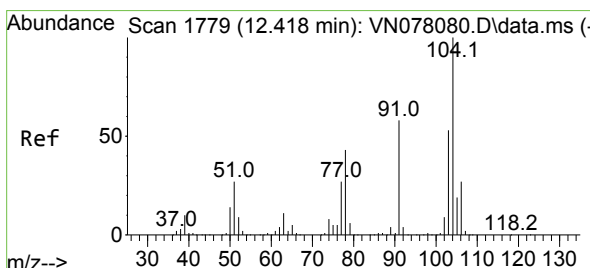
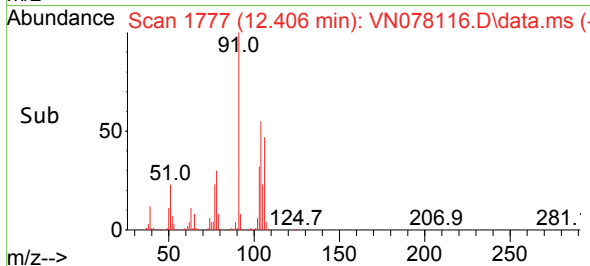
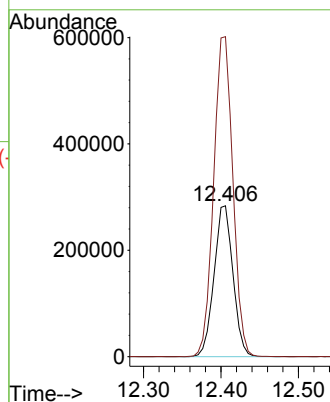
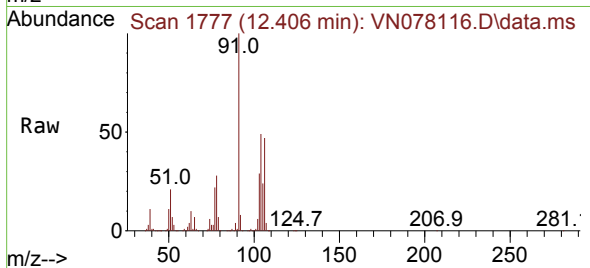
VSTDCCC050

Tgt Ion:106 Resp: 481862

Ion Ratio Lower Upper

106 100

91 215.4 105.2 315.5



#70

Styrene

Concen: 51.125 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

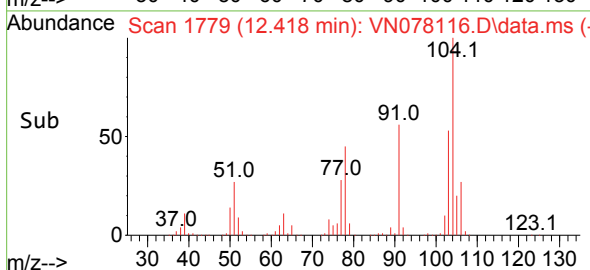
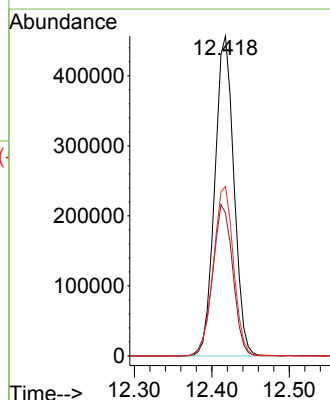
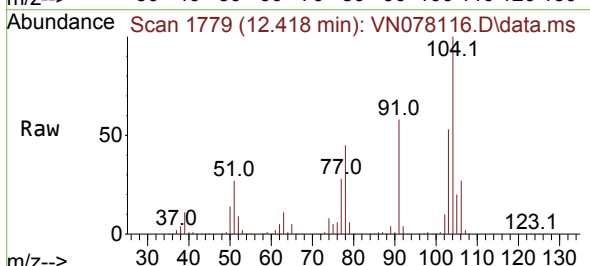
Tgt Ion:104 Resp: 783152

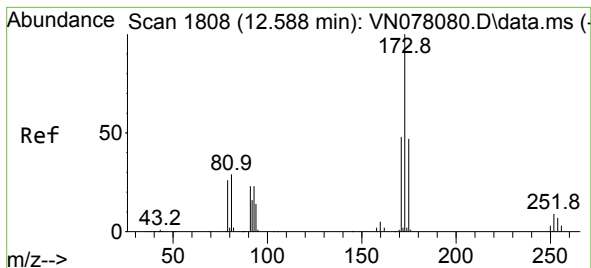
Ion Ratio Lower Upper

104 100

78 50.0 39.5 59.3

103 56.1 43.2 64.8





#71

Bromoform

Concen: 50.308 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

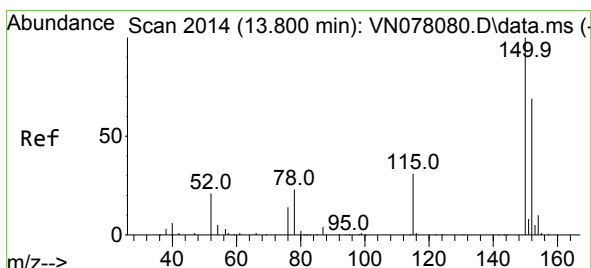
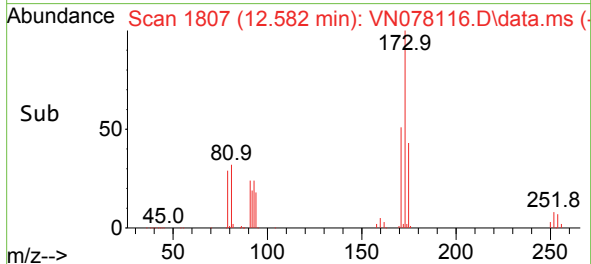
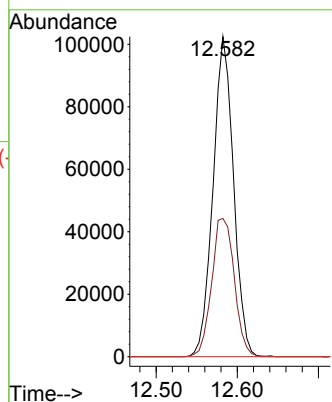
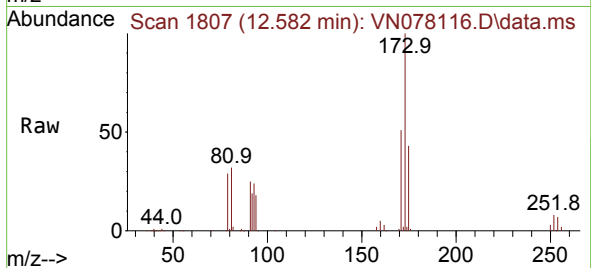
Tgt Ion:173 Resp: 179923

Ion Ratio Lower Upper

173 100

175 47.6 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. -0.006 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

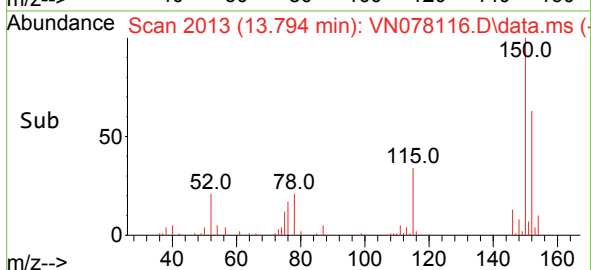
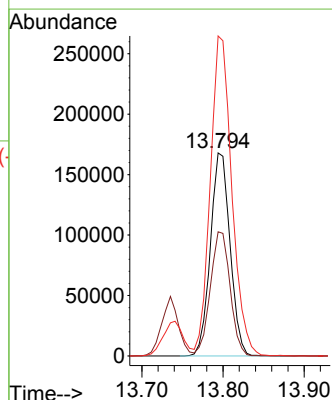
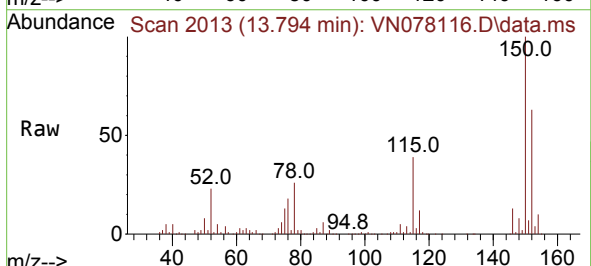
Tgt Ion:152 Resp: 282069

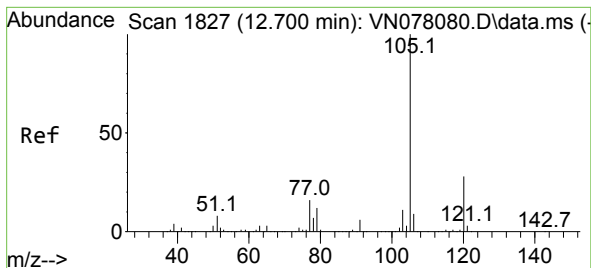
Ion Ratio Lower Upper

152 100

115 61.5 32.3 96.8

150 172.8 0.0 355.8





#73

Isopropylbenzene

Concen: 46.196 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

Instrument :

MSVOA_N

ClientSampleId :

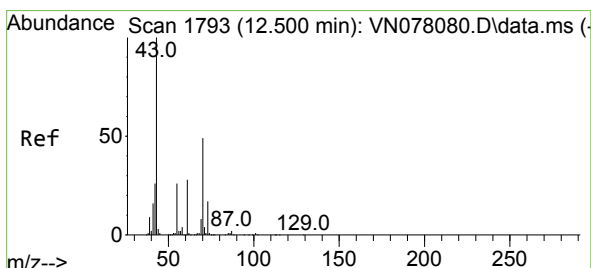
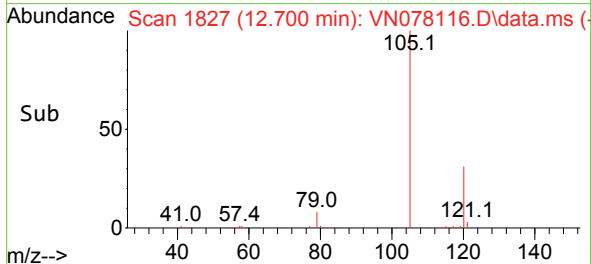
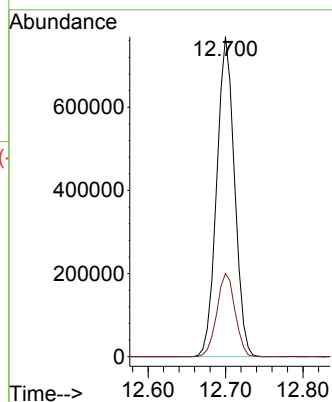
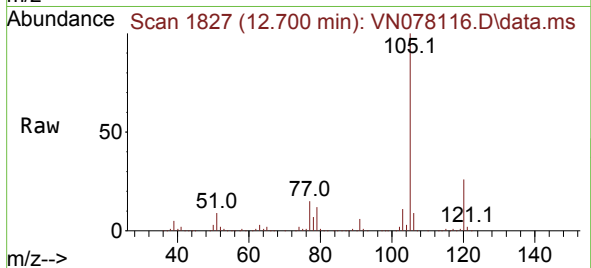
VSTDCCC050

Tgt Ion:105 Resp: 1232211

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.1



#74

N-ethyl acetate

Concen: 42.997 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

Tgt Ion: 43 Resp: 377668

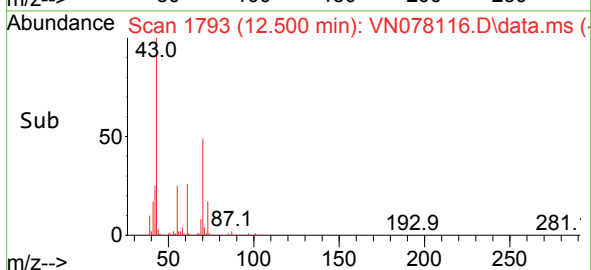
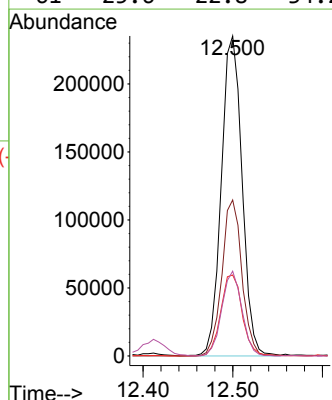
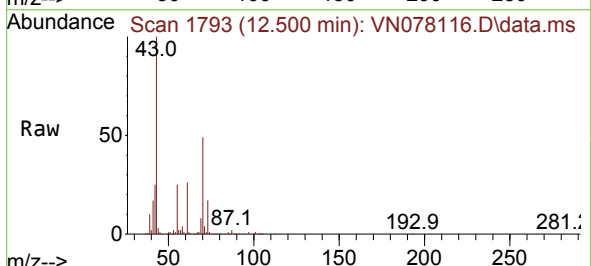
Ion Ratio Lower Upper

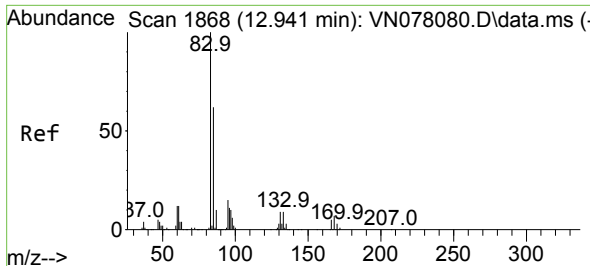
43 100

70 47.2 43.4 65.2

55 26.4 21.4 32.0

61 25.6 22.8 34.2

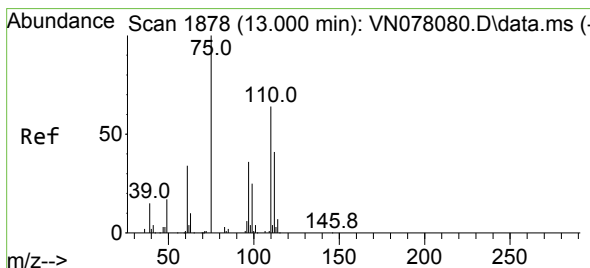
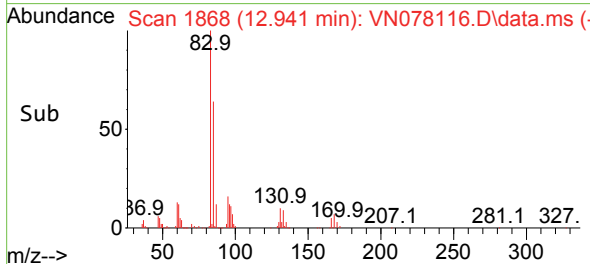
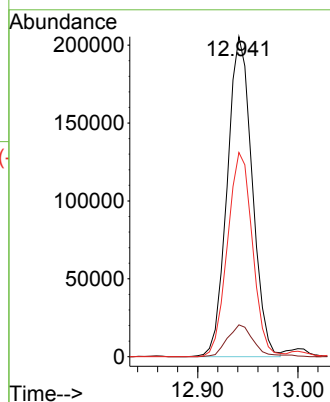
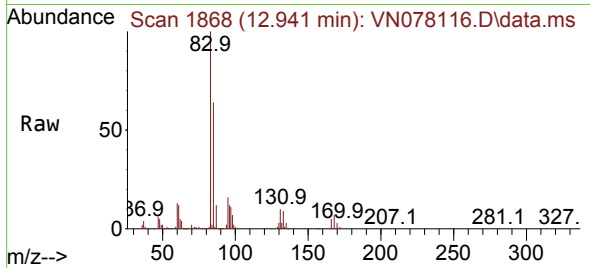




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.310 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

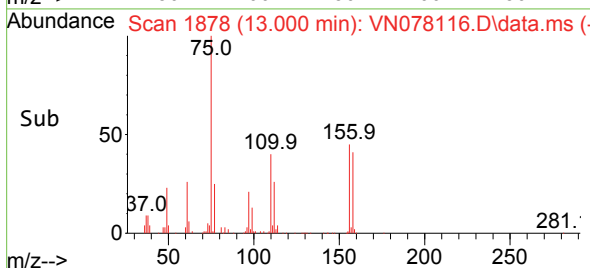
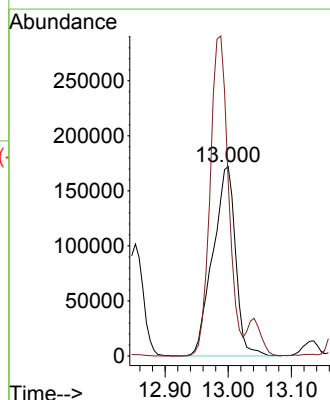
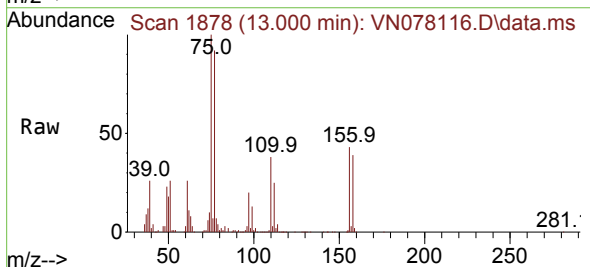
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

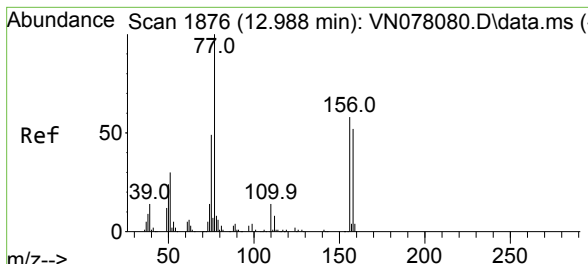
Tgt Ion: 83 Resp: 355024
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 15.0
 85 64.2 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 64.434 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

Tgt Ion: 75 Resp: 429657
 Ion Ratio Lower Upper
 75 100
 77 136.2 84.5 253.5



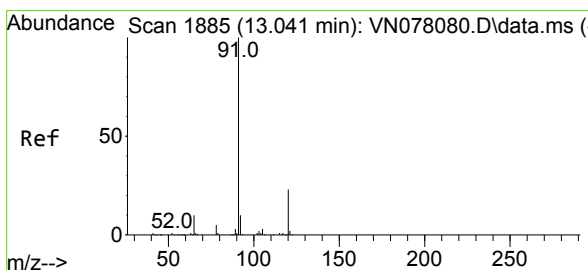
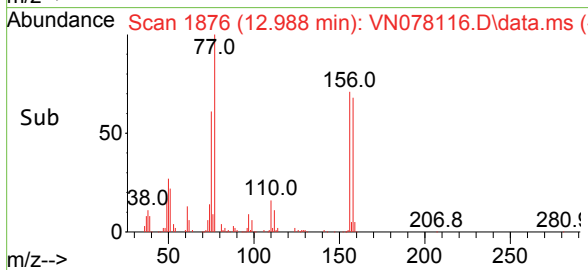
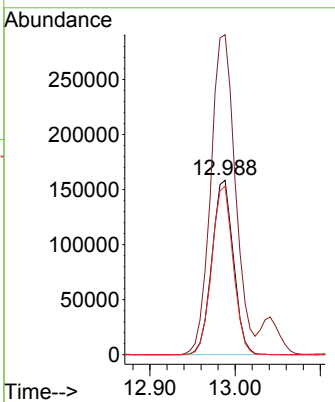
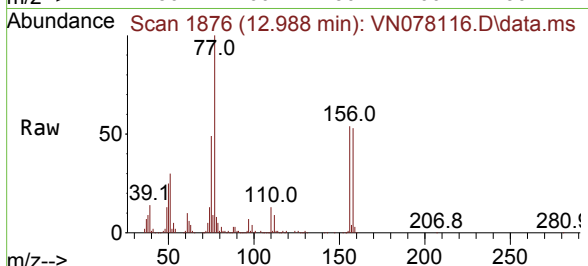


#77
 Bromobenzene
 Concen: 45.017 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

Tgt Ion:156 Resp: 278742

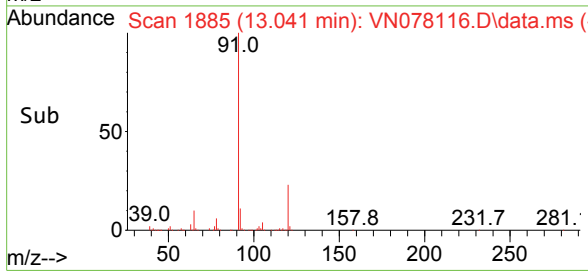
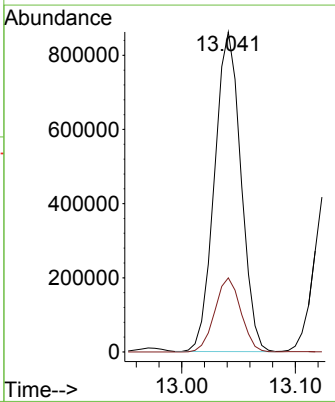
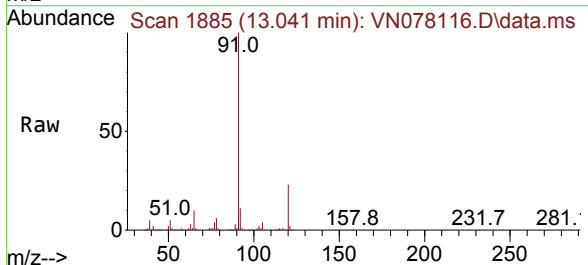
Ion	Ratio	Lower	Upper
156	100		
77	209.9	107.7	323.3
158	96.0	48.4	145.3

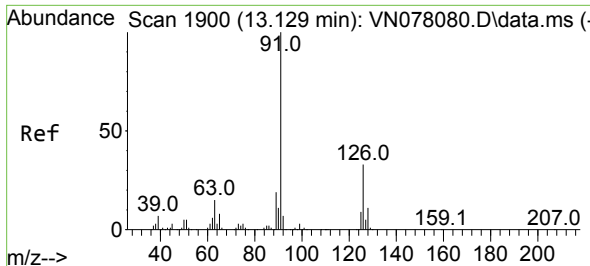


#78
 n-propylbenzene
 Concen: 48.077 ug/l
 RT: 13.041 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

Tgt Ion: 91 Resp: 1393252

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.5	34.4

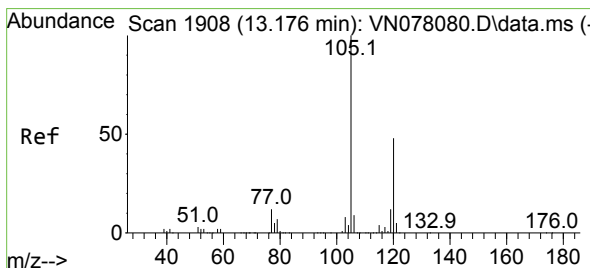
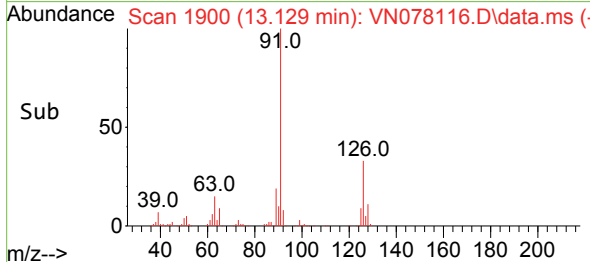
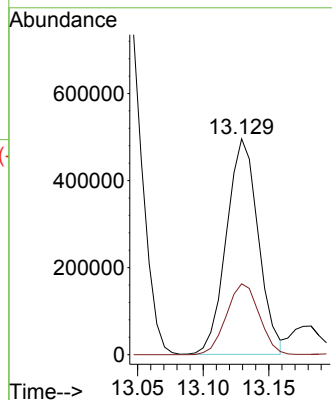
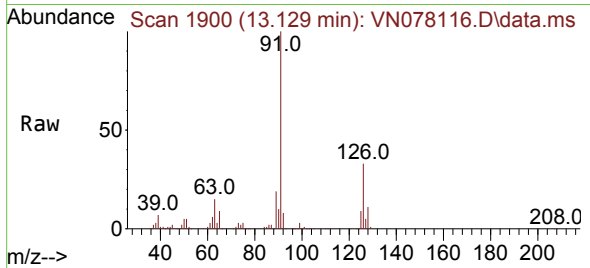




#79
2-Chlorotoluene
Concen: 44.815 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

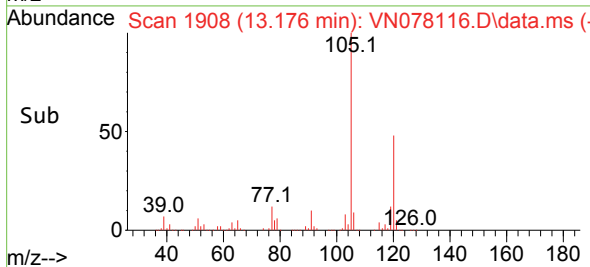
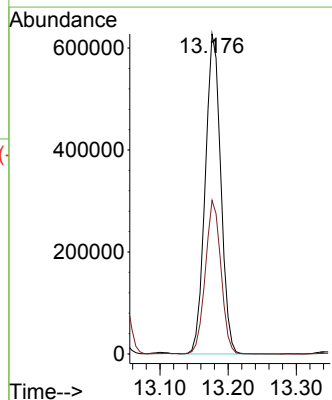
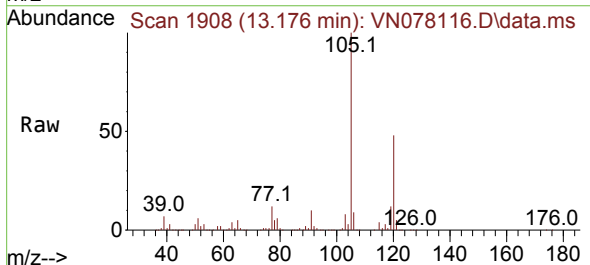
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

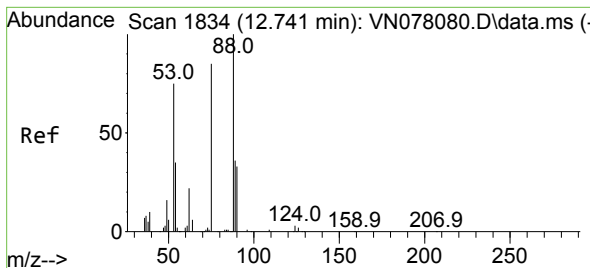
Tgt Ion: 91 Resp: 838338
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 46.054 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 105 Resp: 994542
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3

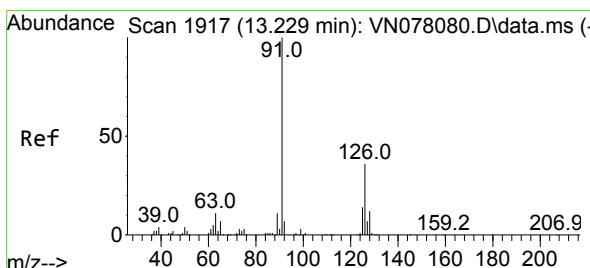
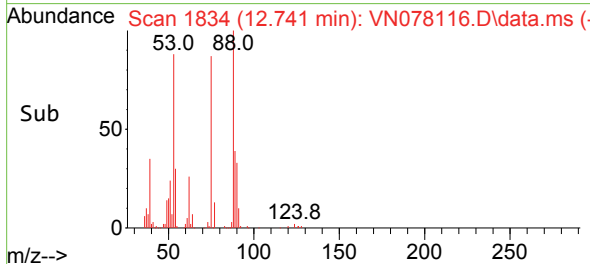
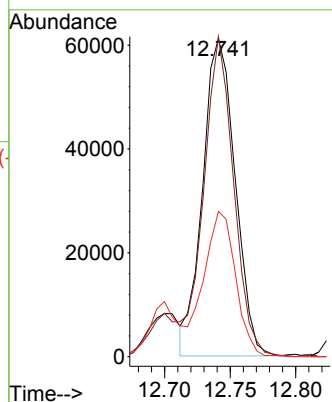
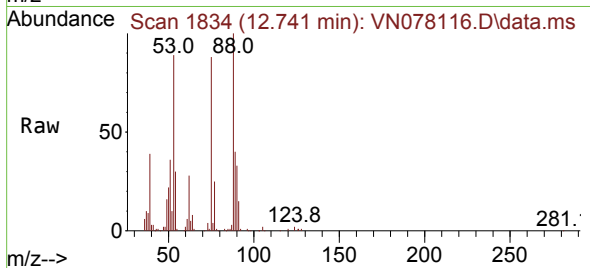




#81
trans-1,4-Dichloro-2-butene
Concen: 48.526 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

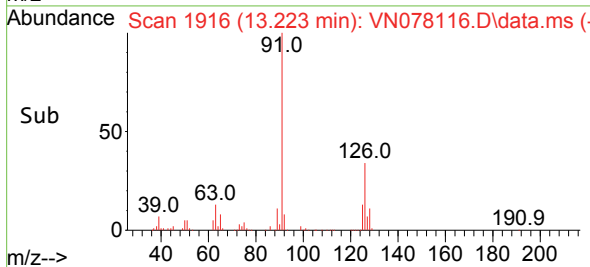
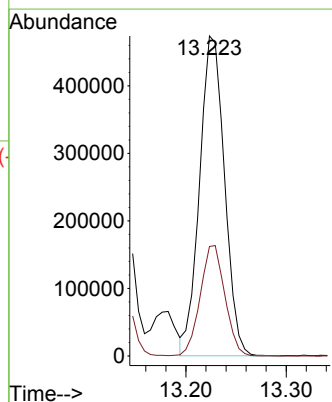
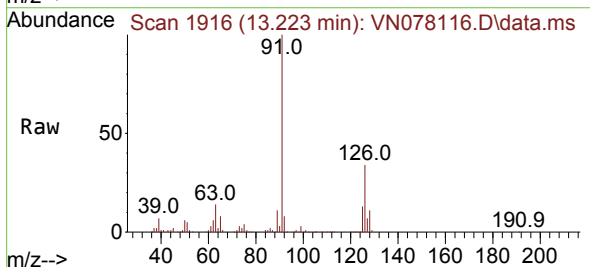
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

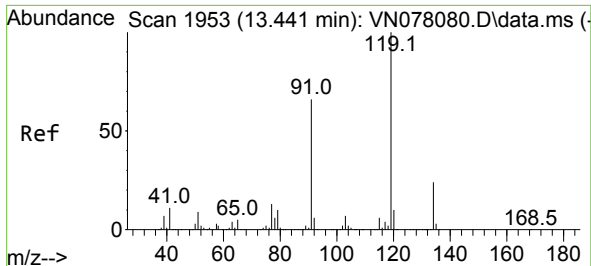
Tgt Ion: 75 Resp: 105321
Ion Ratio Lower Upper
75 100
53 92.8 67.4 101.2
89 44.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 46.986 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 91 Resp: 820309
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0

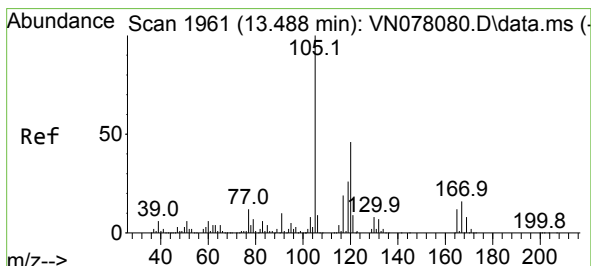
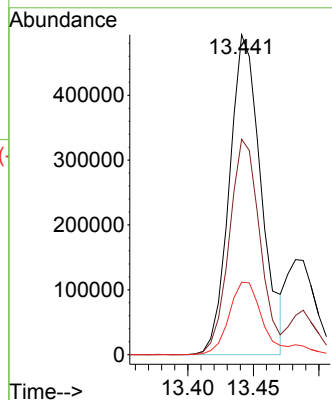
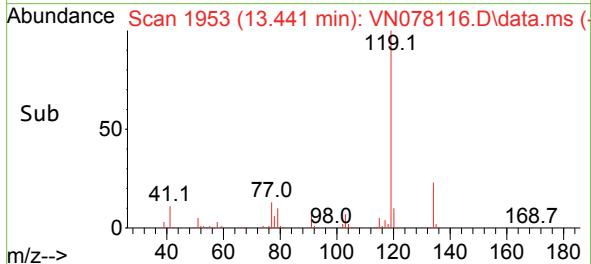
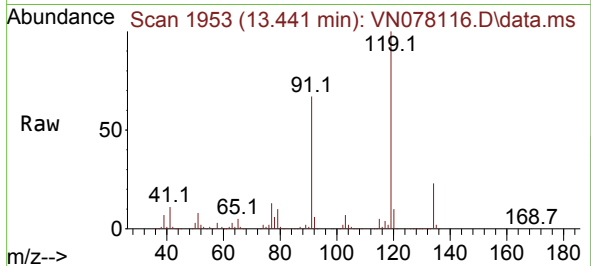




#83
tert-Butylbenzene
Concen: 44.198 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

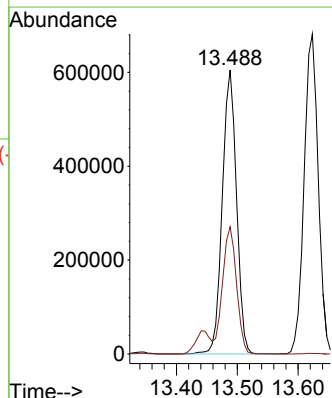
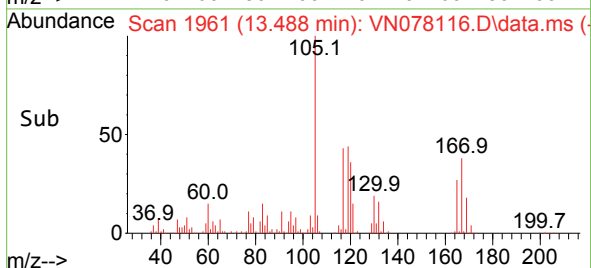
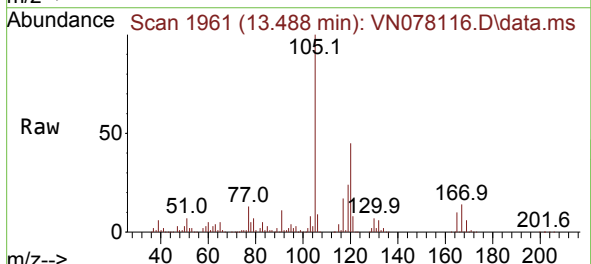
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

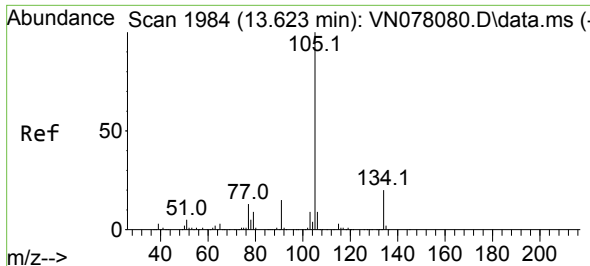
Tgt Ion:119 Resp: 829688
Ion Ratio Lower Upper
119 100
91 65.4 33.9 101.7
134 25.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 46.822 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion:105 Resp: 980316
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0

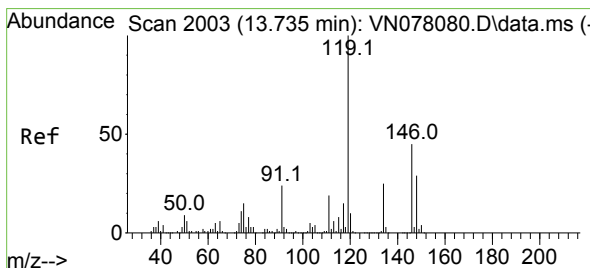
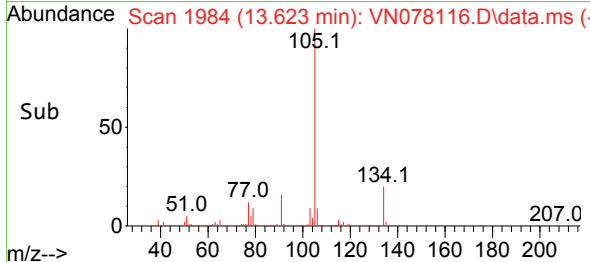
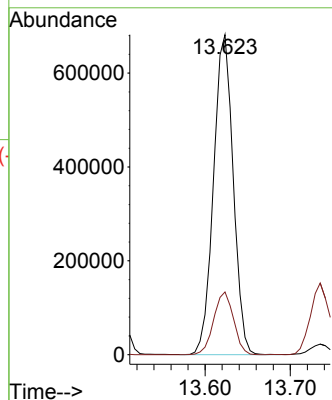
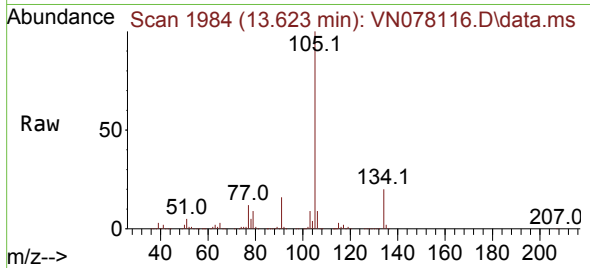




#85
 sec-Butylbenzene
 Concen: 44.571 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

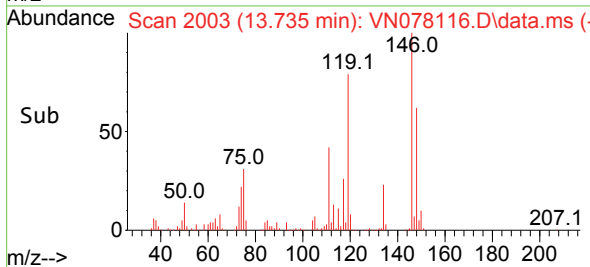
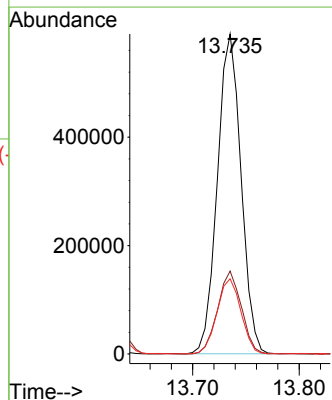
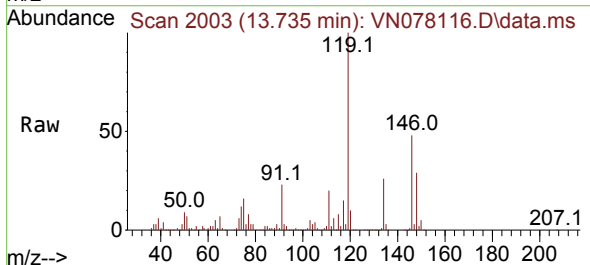
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

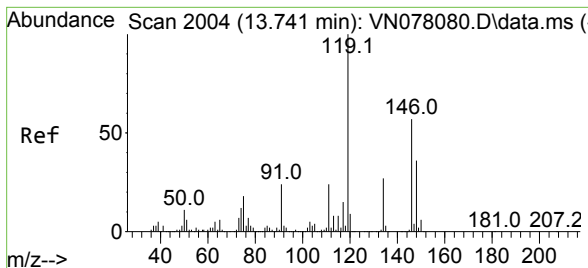
Tgt Ion:105 Resp: 1095101
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 45.588 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

Tgt Ion:119 Resp: 908956
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 23.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 45.793 ug/l

RT: 13.735 min Scan# 2004

Delta R.T. -0.006 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

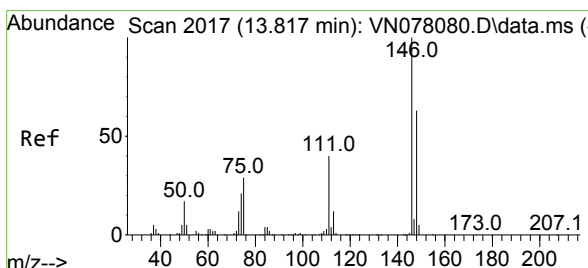
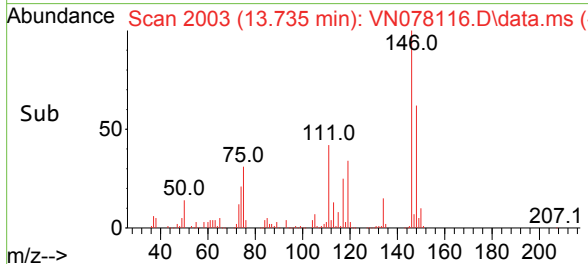
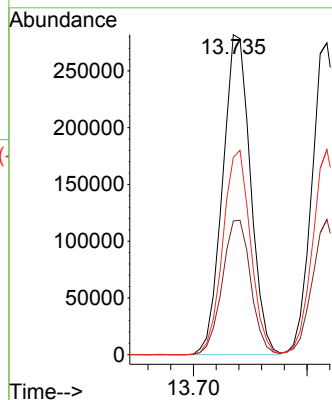
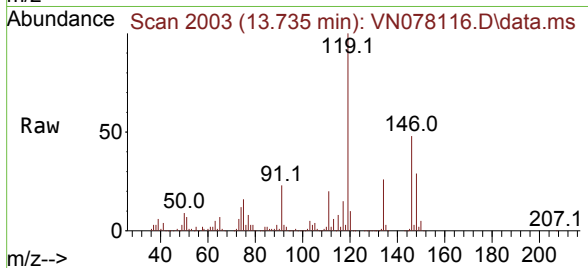
Tgt Ion:146 Resp: 479619

Ion Ratio Lower Upper

146 100

111 42.9 22.1 66.3

148 63.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 46.784 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

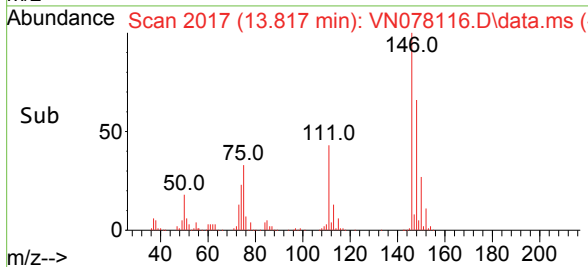
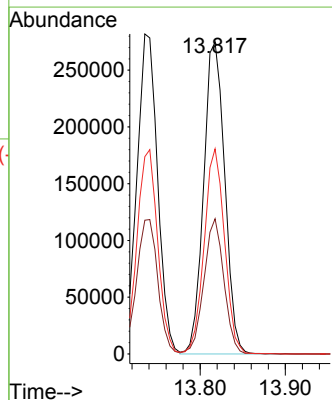
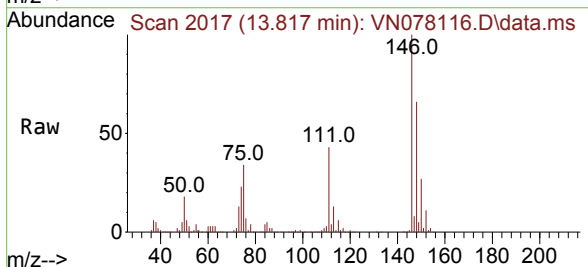
Tgt Ion:146 Resp: 472824

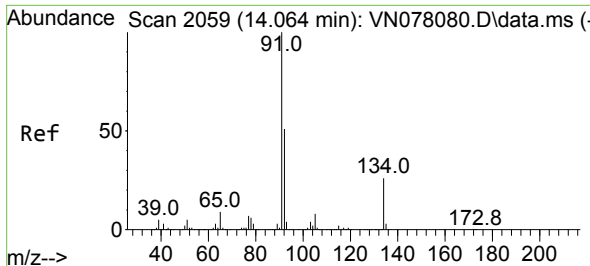
Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

148 63.6 31.6 94.8

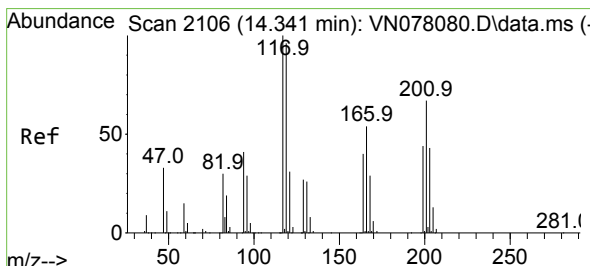
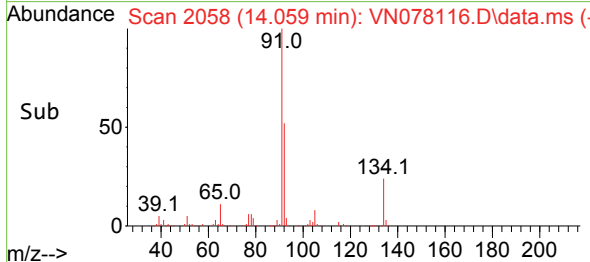
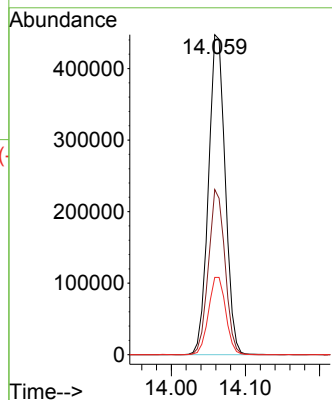
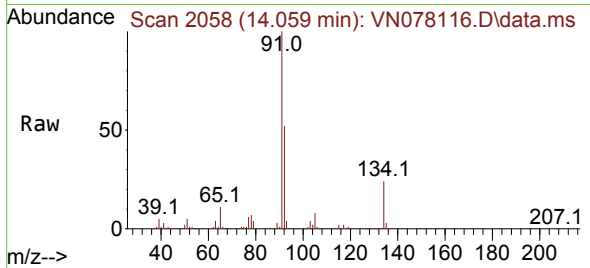




#89
n-Butylbenzene
Concen: 44.631 ug/l
RT: 14.059 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

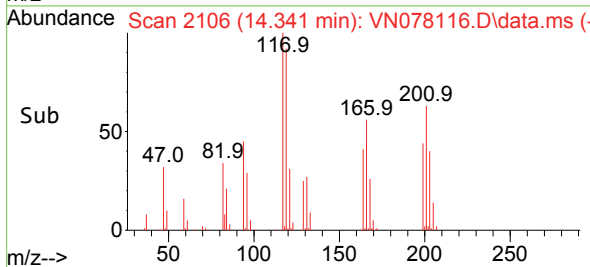
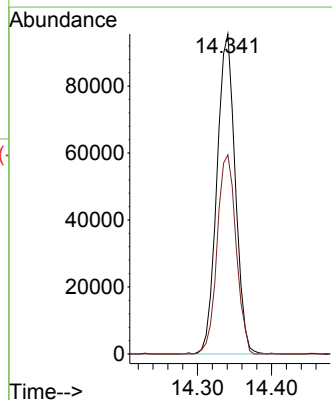
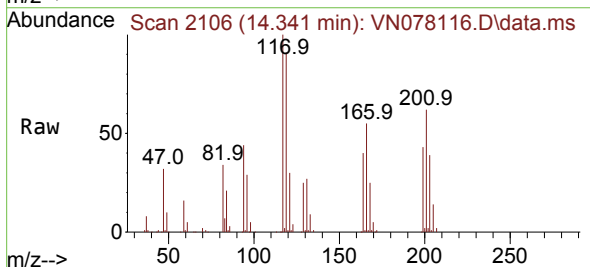
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

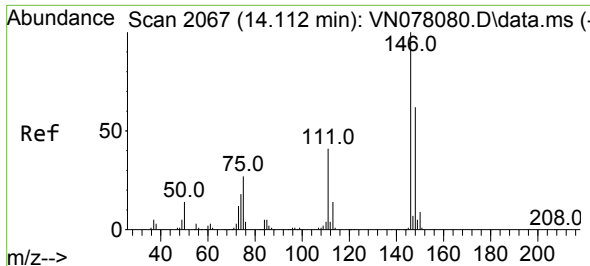
Tgt Ion: 91 Resp: 701887
Ion Ratio Lower Upper
91 100
92 51.1 26.4 79.0
134 25.0 12.6 37.6



#90
Hexachloroethane
Concen: 46.314 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078116.D
Acq: 08 Jun 2023 09:08

Tgt Ion: 117 Resp: 163876
Ion Ratio Lower Upper
117 100
201 64.3 29.3 88.0

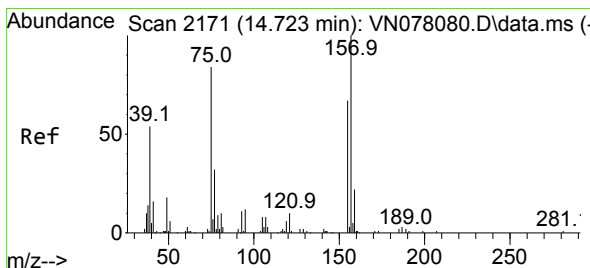
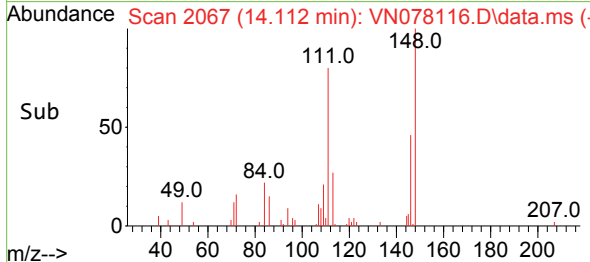
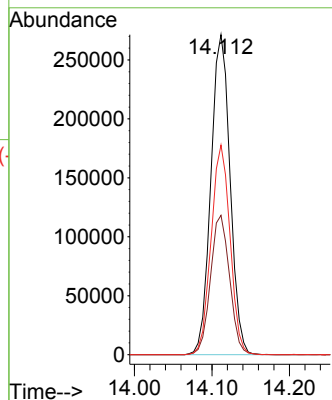
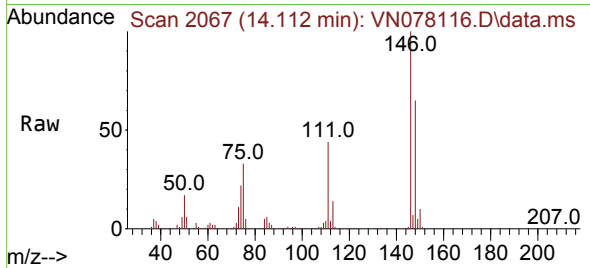




#91
 1,2-Dichlorobenzene
 Concen: 45.589 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

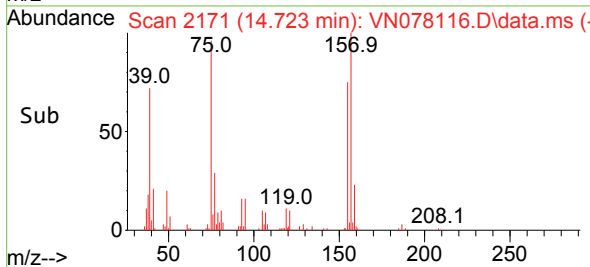
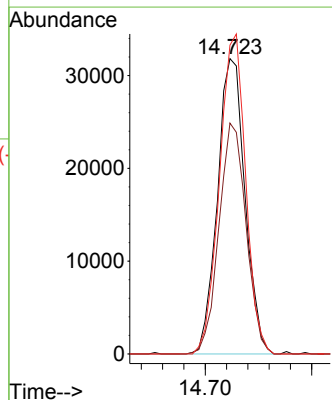
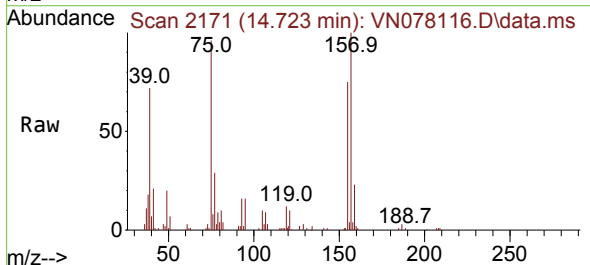
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

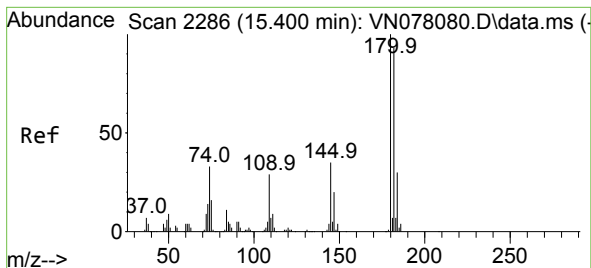
Tgt Ion:146 Resp: 466655
 Ion Ratio Lower Upper
 146 100
 111 43.4 22.0 66.0
 148 64.7 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.221 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078116.D
 Acq: 08 Jun 2023 09:08

Tgt Ion: 75 Resp: 57103
 Ion Ratio Lower Upper
 75 100
 155 76.8 39.1 117.2
 157 103.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 46.765 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

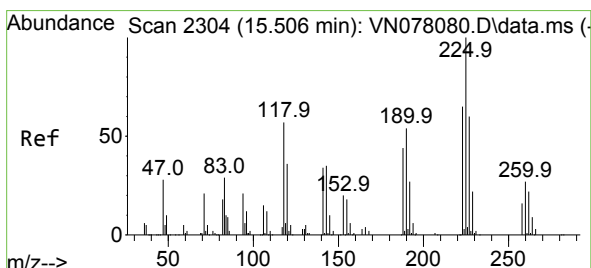
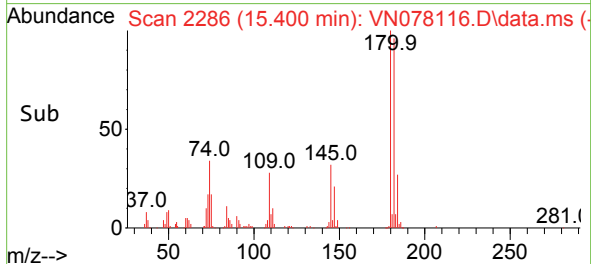
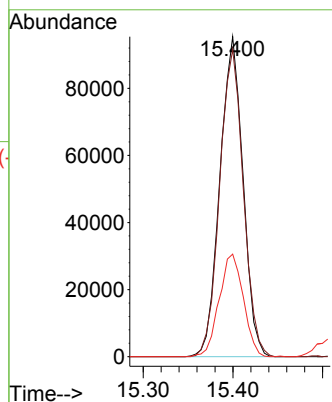
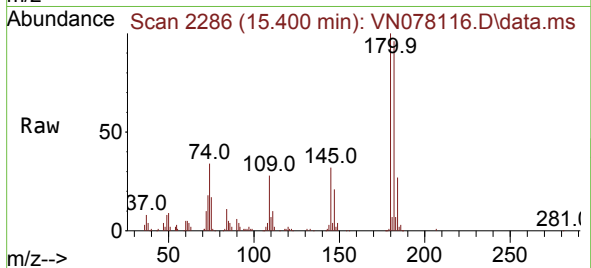
Tgt Ion:180 Resp: 170556

Ion Ratio Lower Upper

180 100

182 98.2 46.1 138.2

145 33.5 16.6 49.8



#94

Hexachlorobutadiene

Concen: 43.753 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

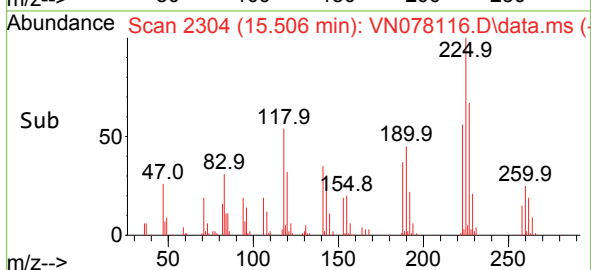
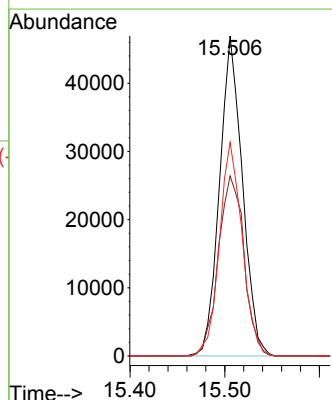
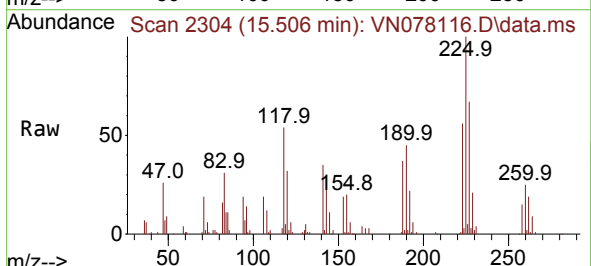
Tgt Ion:225 Resp: 78816

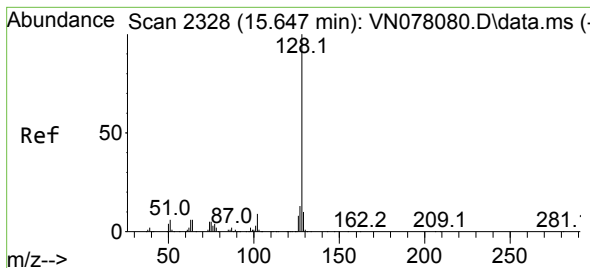
Ion Ratio Lower Upper

225 100

223 63.0 31.3 93.8

227 66.4 31.9 95.9





#95

Naphthalene

Concen: 42.732 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

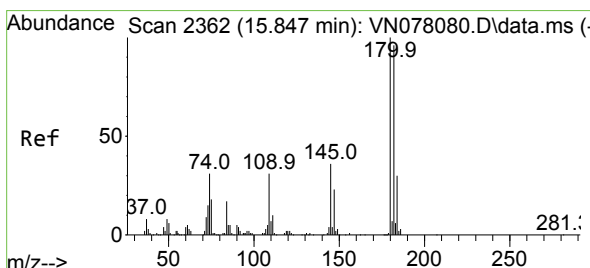
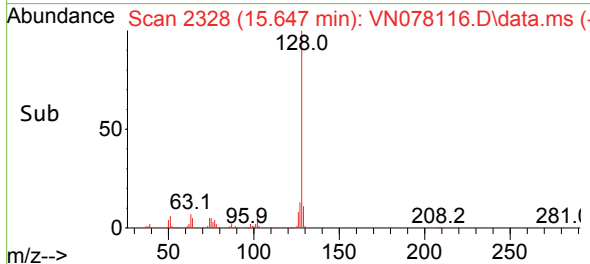
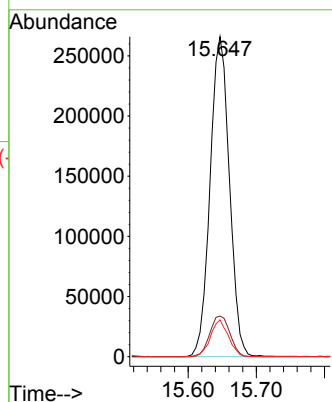
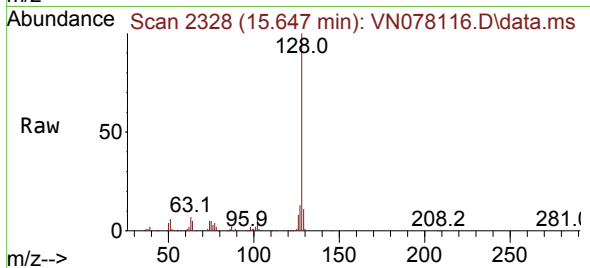
Tgt Ion:128 Resp: 524228

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 43.979 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078116.D

Acq: 08 Jun 2023 09:08

Tgt Ion:180 Resp: 179390

Ion Ratio Lower Upper

180 100

182 93.8 46.2 138.6

145 33.8 17.5 52.6

