

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080723\
 Data File : VN078783.D
 Acq On : 07 Aug 2023 18:52
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 08 05:14:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	166710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	261287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106281	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	125584	50.249	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.500%	
35) Dibromofluoromethane	8.177	113	101886	51.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.300%	
50) Toluene-d8	10.576	98	385568	52.601	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.200%	
62) 4-Bromofluorobenzene	12.853	95	122257	55.808	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.620%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	119699	48.653	ug/l	98
3) Chloromethane	2.371	50	133879	46.651	ug/l	96
4) Vinyl Chloride	2.518	62	132418	48.868	ug/l	98
5) Bromomethane	2.948	94	85504	44.554	ug/l	93
6) Chloroethane	3.124	64	82680	46.405	ug/l	96
7) Trichlorofluoromethane	3.501	101	179871	48.325	ug/l	97
8) Diethyl Ether	3.971	74	67272	49.532	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.377	101	95133	49.070	ug/l	98
10) Methyl Iodide	4.595	142	128667	51.684	ug/l	98
11) Tert butyl alcohol	5.547	59	98864	225.396	ug/l	99
12) 1,1-Dichloroethene	4.353	96	90636	46.520	ug/l	95
13) Acrolein	4.189	56	94352	254.235	ug/l	100
14) Allyl chloride	5.036	41	178965	55.167	ug/l #	90
15) Acrylonitrile	5.736	53	286935	251.198	ug/l	99
16) Acetone	4.442	43	228900	238.040	ug/l	91
17) Carbon Disulfide	4.718	76	265336	47.741	ug/l	99
18) Methyl Acetate	5.042	43	211606	48.995	ug/l #	79
19) Methyl tert-butyl Ether	5.812	73	328259	49.876	ug/l	94
20) Methylene Chloride	5.283	84	112043	47.047	ug/l #	81
21) trans-1,2-Dichloroethene	5.800	96	105336	48.313	ug/l	86
22) Diisopropyl ether	6.683	45	388699	49.874	ug/l #	89
23) Vinyl Acetate	6.618	43	1233332	252.172	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	206787	48.793	ug/l	96
25) 2-Butanone	7.494	43	400246	245.798	ug/l #	78
26) 2,2-Dichloropropane	7.500	77	150496	50.851	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	120505	48.140	ug/l	86
28) Bromochloromethane	7.824	49	111902	48.728	ug/l #	71
29) Tetrahydrofuran	7.847	42	274325	251.751	ug/l #	71
30) Chloroform	7.977	83	208281	48.798	ug/l	96
31) Cyclohexane	8.265	56	169110	46.052	ug/l	84
32) 1,1,1-Trichloroethane	8.177	97	180971	49.882	ug/l	93
36) 1,1-Dichloropropene	8.377	75	155354	50.273	ug/l	95
37) Ethyl Acetate	7.571	43	170386	51.858	ug/l #	89
38) Carbon Tetrachloride	8.371	117	158170	49.650	ug/l	98
39) Methylcyclohexane	9.606	83	144737	50.144	ug/l #	85
40) Benzene	8.612	78	467682	50.036	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	92045	50.385	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	163254	48.594	ug/l	99
43) Isopropyl Acetate	8.700	43	281731	50.858	ug/l #	87
44) Trichloroethene	9.359	130	110291	48.180	ug/l	100
45) 1,2-Dichloropropane	9.630	63	122068	48.717	ug/l	96
46) Dibromomethane	9.712	93	81698	48.990	ug/l	95
47) Bromodichloromethane	9.894	83	165368	49.821	ug/l	98
48) Methyl methacrylate	9.688	41	128270	50.114	ug/l #	78
49) 1,4-Dioxane	9.706	88	40750	980.440	ug/l #	80
51) 4-Methyl-2-Pentanone	10.453	43	855549	252.147	ug/l #	86
52) Toluene	10.635	92	287294	50.330	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	173384	51.123	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	189013	51.297	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	110274	48.599	ug/l	97
56) Ethyl methacrylate	10.882	69	174101	52.913	ug/l #	74
57) 1,3-Dichloropropane	11.171	76	193644	49.087	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	312575	264.613	ug/l	89
59) 2-Hexanone	11.200	43	615294	256.098	ug/l	84
60) Dibromochloromethane	11.365	129	122017	51.237	ug/l	100
61) 1,2-Dibromoethane	11.476	107	112515	50.065	ug/l	97
64) Tetrachloroethene	11.112	164	96993	48.178	ug/l	96
65) Chlorobenzene	11.900	112	293706	49.359	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.971	131	111234	48.265	ug/l	97
67) Ethyl Benzene	11.971	91	532742	50.264	ug/l	99
68) m/p-Xylenes	12.076	106	394463	100.879	ug/l	98
69) o-Xylene	12.406	106	197902	51.558	ug/l	99
70) Styrene	12.418	104	320684	53.233	ug/l	98
71) Bromoform	12.582	173	81628	50.781	ug/l #	98
73) Isopropylbenzene	12.700	105	487545	46.610	ug/l	99
74) N-amyl acetate	12.500	43	222102	46.808	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	155513	43.747	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	196280	68.307	ug/l	70
77) Bromobenzene	12.988	156	113238	46.138	ug/l	96
78) n-propylbenzene	13.041	91	548247	47.687	ug/l	98
79) 2-Chlorotoluene	13.129	91	339053	45.904	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	393933	47.012	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	54725	51.104	ug/l #	81
82) 4-Chlorotoluene	13.229	91	324284	47.992	ug/l	100
83) tert-Butylbenzene	13.447	119	326283	46.752	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	387357	48.100	ug/l	98
85) sec-Butylbenzene	13.623	105	439101	48.118	ug/l	100
86) p-Isopropyltoluene	13.735	119	354313	48.829	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	190999	48.725	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	191566	49.300	ug/l	100
89) n-Butylbenzene	14.065	91	274635	50.443	ug/l	99
90) Hexachloroethane	14.335	117	69744	46.375	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	189832	50.270	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25722	47.172	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	60294	56.826	ug/l	97
94) Hexachlorobutadiene	15.506	225	34860	54.047	ug/l	98
95) Naphthalene	15.647	128	192295	54.296	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	65038	51.477	ug/l	98

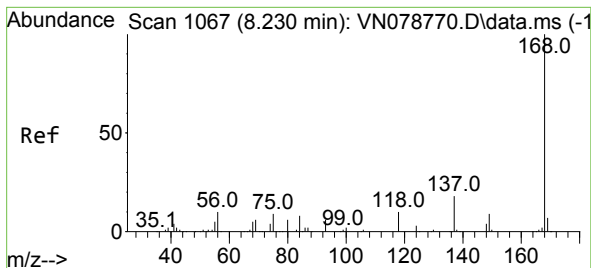
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1067

Delta R.T. 0.005 min

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Instrument :

MSVOA_N

ClientSampleId :

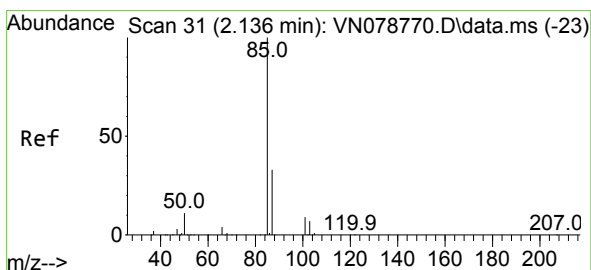
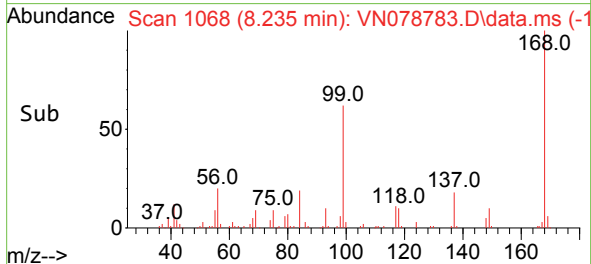
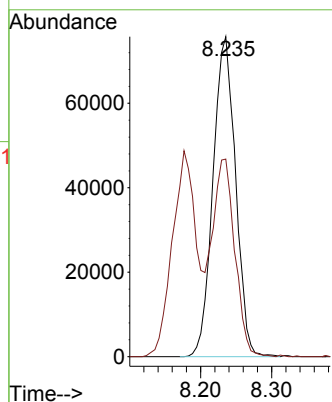
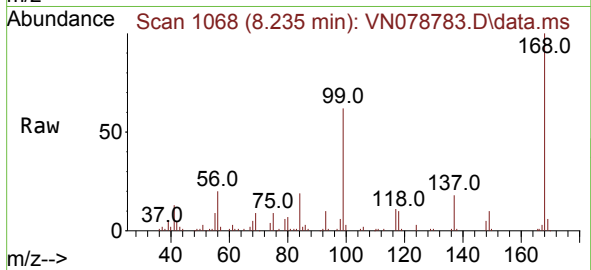
VSTDICCC050

Tgt Ion:168 Resp: 166710

Ion Ratio Lower Upper

168 100

99 61.2 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 48.653 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078783.D

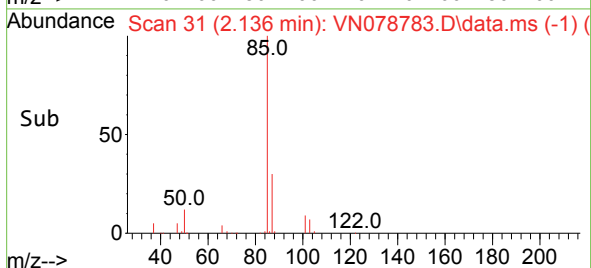
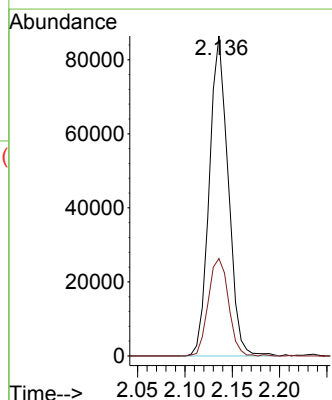
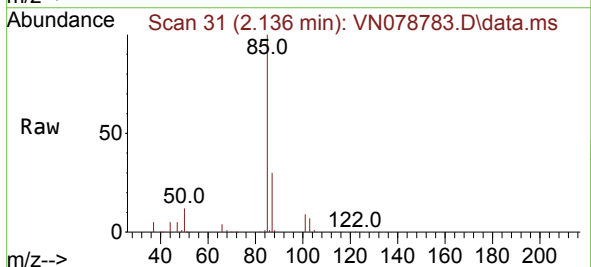
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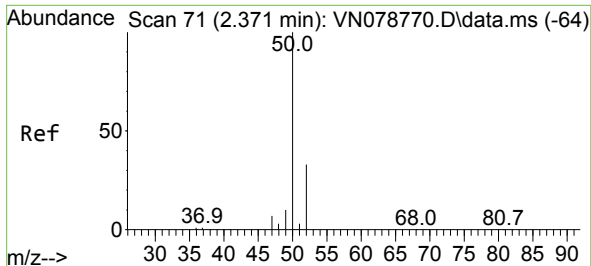
Tgt Ion: 85 Resp: 119699

Ion Ratio Lower Upper

85 100

87 30.4 15.8 47.4

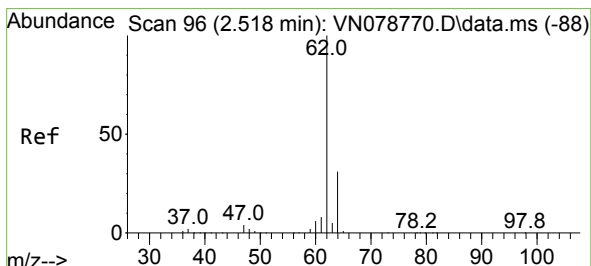
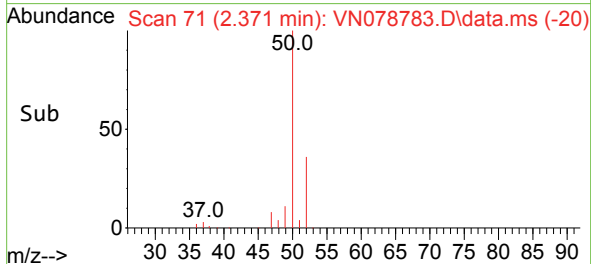
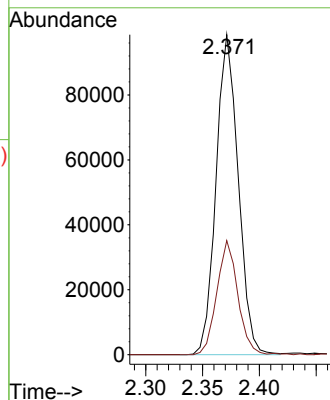
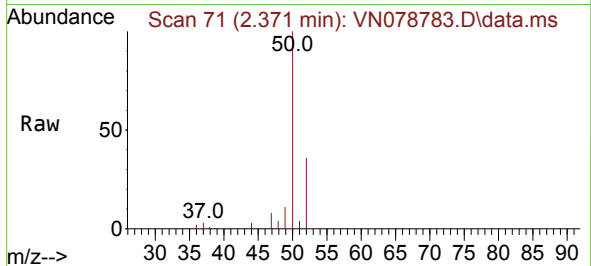




#3
Chloromethane
Concen: 46.651 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078783.D
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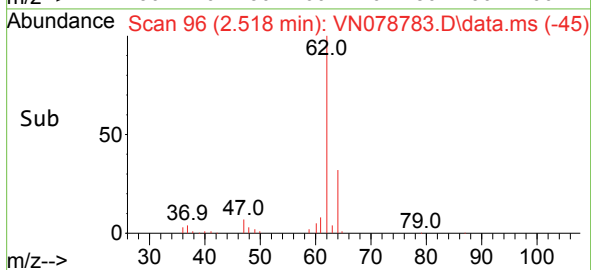
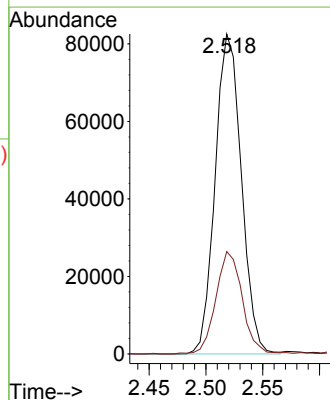
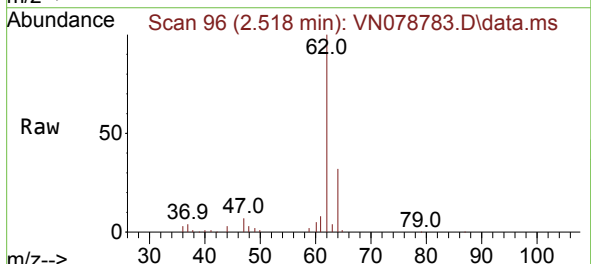
Instrument :
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ClientSampleId :
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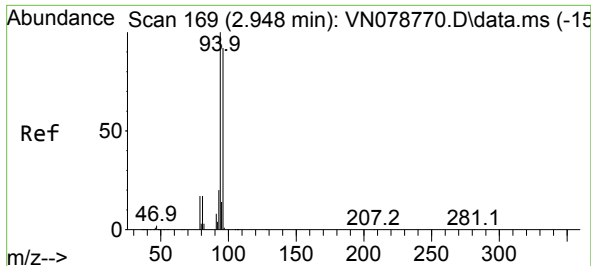
Tgt Ion: 50 Resp: 133879
Ion Ratio Lower Upper
50 100
52 35.6 26.5 39.7



#4
Vinyl Chloride
Concen: 48.868 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 62 Resp: 132418
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2

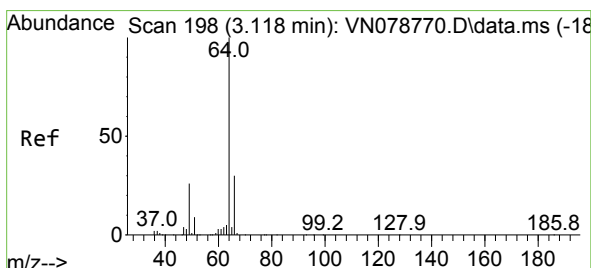
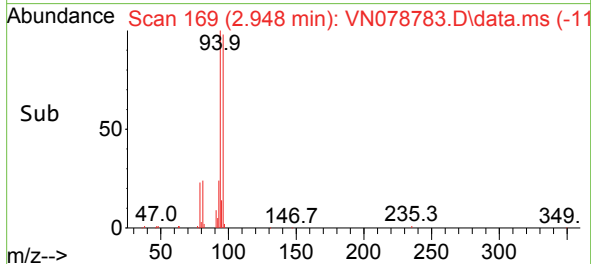
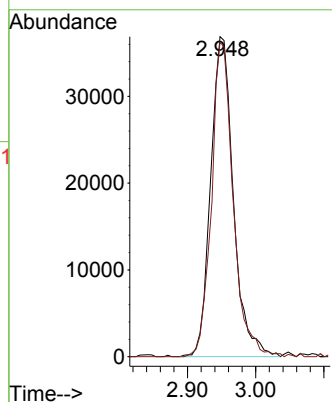
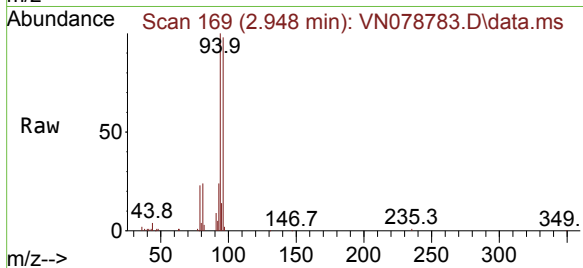




#5
Bromomethane
Concen: 44.554 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078783.D
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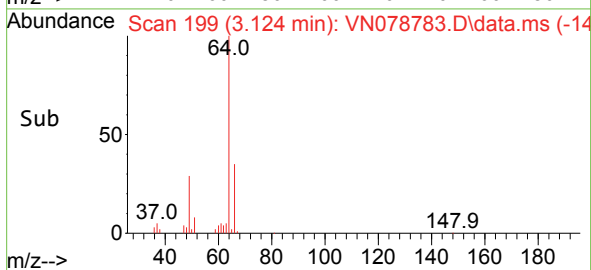
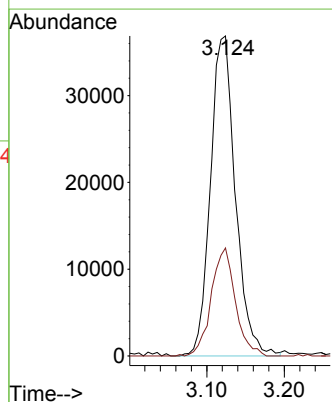
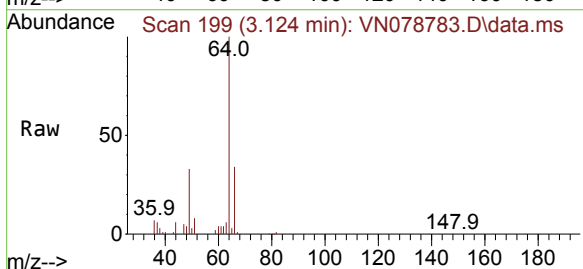
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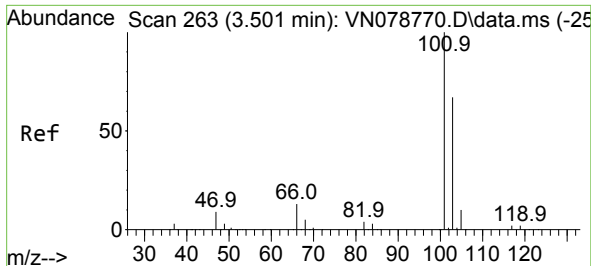
Tgt Ion: 94 Resp: 85504
Ion Ratio Lower Upper
94 100
96 98.3 73.1 109.7



#6
Chloroethane
Concen: 46.405 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 64 Resp: 82680
Ion Ratio Lower Upper
64 100
66 33.8 25.4 38.2

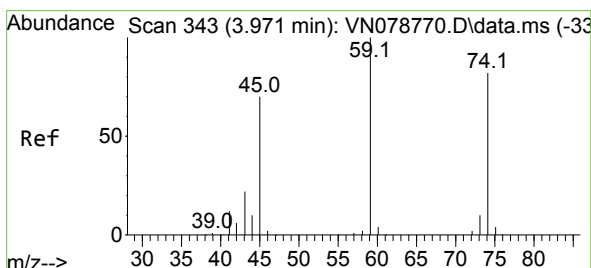
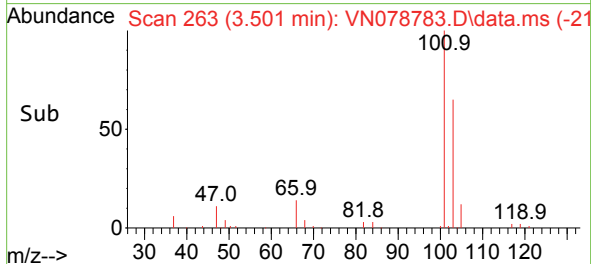
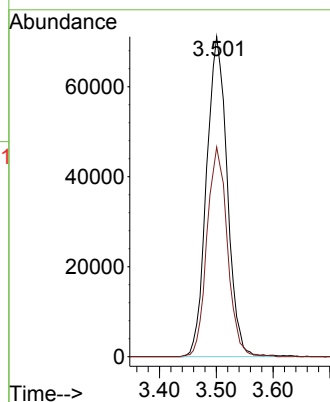
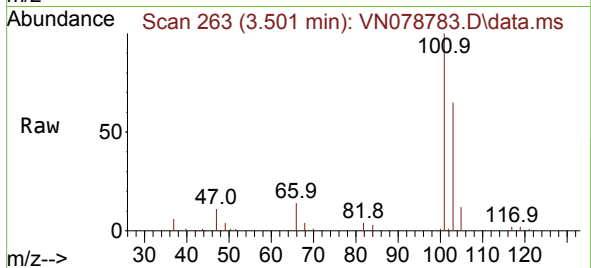




#7
Trichlorofluoromethane
Concen: 48.325 ug/l
RT: 3.501 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN078783.D
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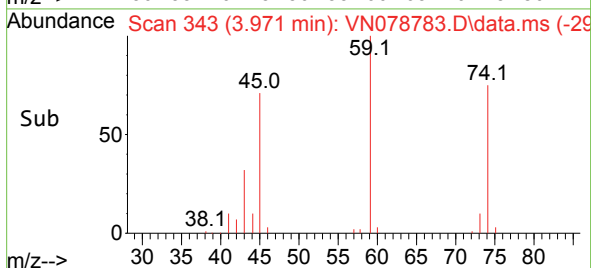
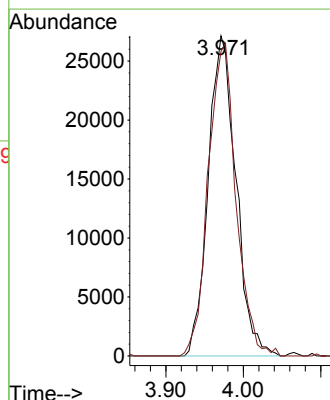
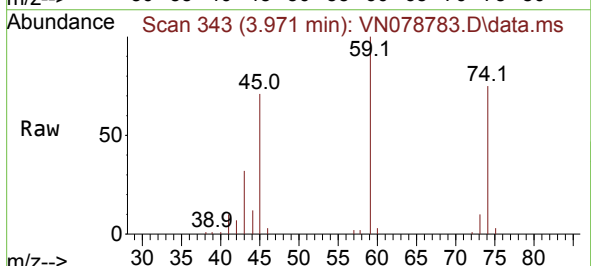
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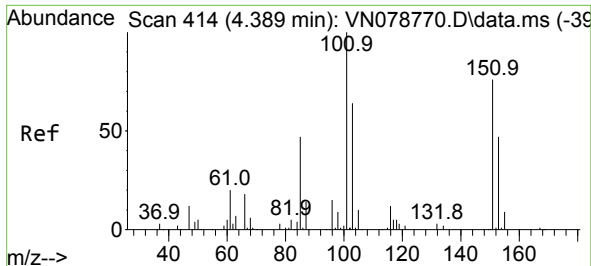
Tgt Ion:101 Resp: 179871
Ion Ratio Lower Upper
101 100
103 65.5 50.7 76.1



#8
Diethyl Ether
Concen: 49.532 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 74 Resp: 67272
Ion Ratio Lower Upper
74 100
45 98.4 34.4 103.3

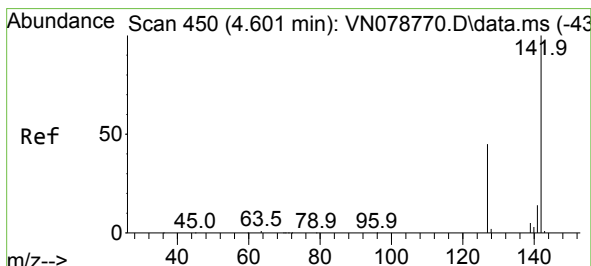
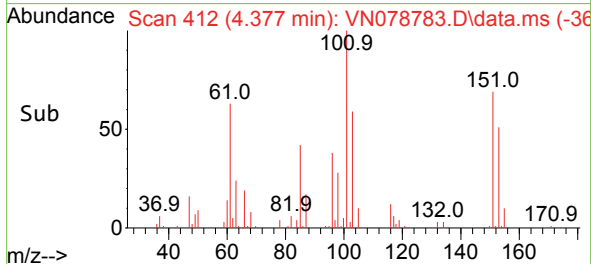
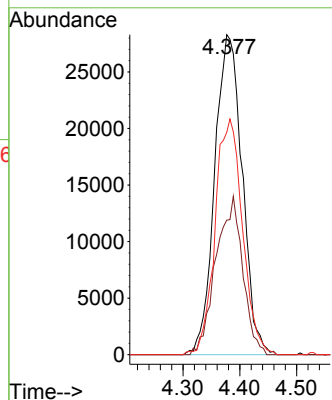
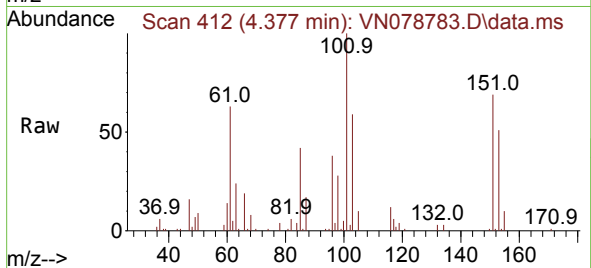




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.070 ug/l
RT: 4.377 min Scan# 414
Delta R.T. -0.012 min
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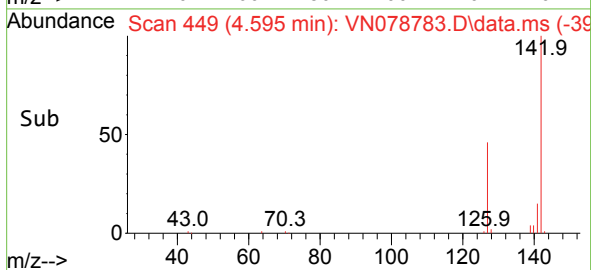
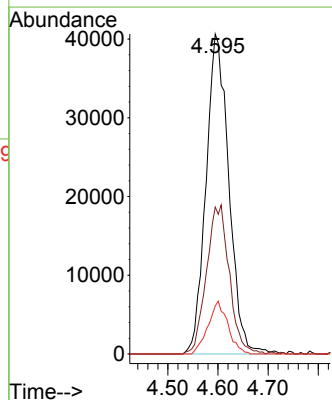
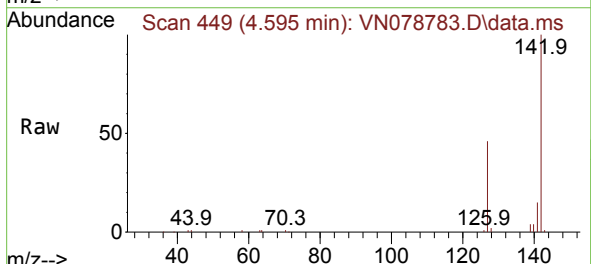
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ClientSampleId :
VSTDICCC050

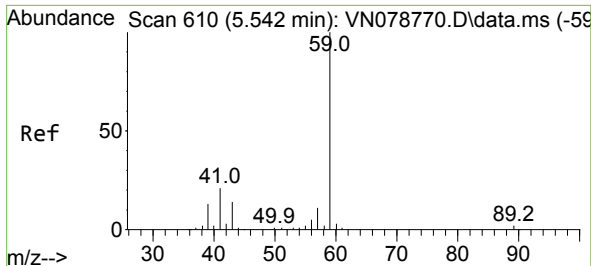
Tgt Ion:101 Resp: 95133
Ion Ratio Lower Upper
101 100
85 48.0 36.6 55.0
151 73.4 57.6 86.4



#10
Methyl Iodide
Concen: 51.684 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion:142 Resp: 128667
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 15.0 11.4 17.0

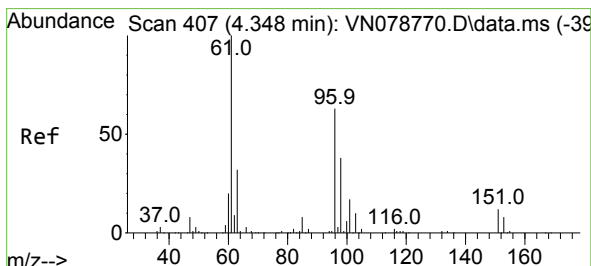
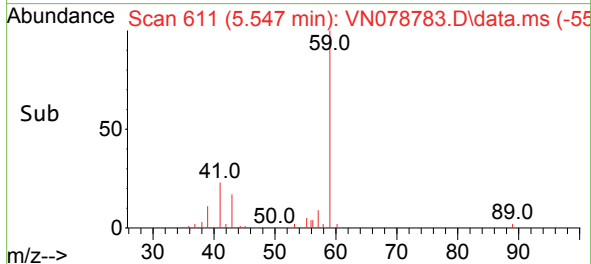
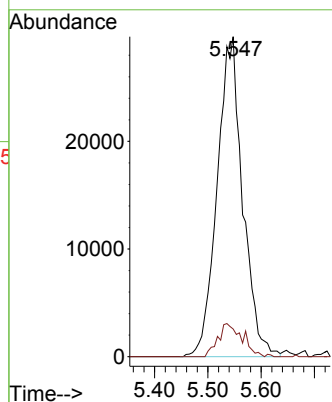
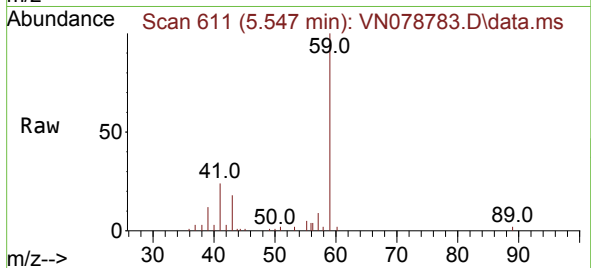




#11
Tert butyl alcohol
Concen: 225.396 ug/l
RT: 5.547 min Scan# 610
Delta R.T. 0.005 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

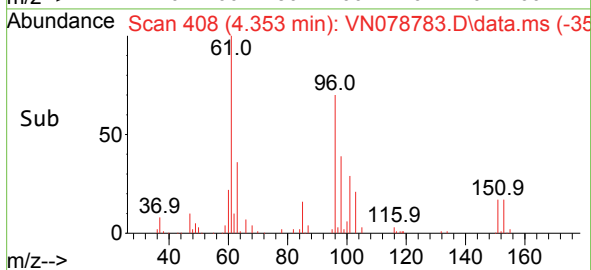
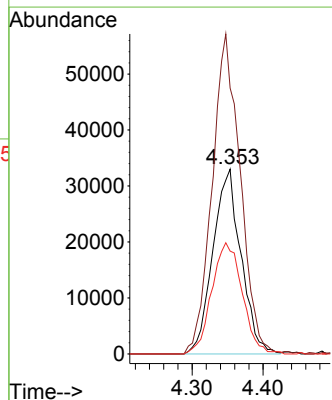
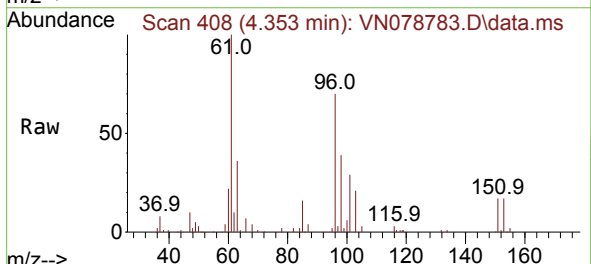
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

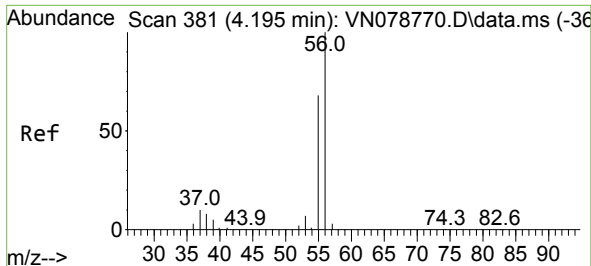
Tgt Ion: 59 Resp: 98864
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.520 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 96 Resp: 90636
Ion Ratio Lower Upper
96 100
61 143.9 112.7 169.1
98 55.7 51.2 76.8

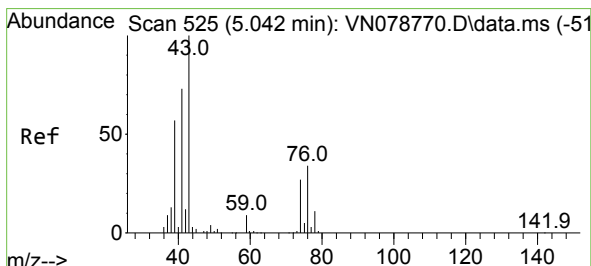
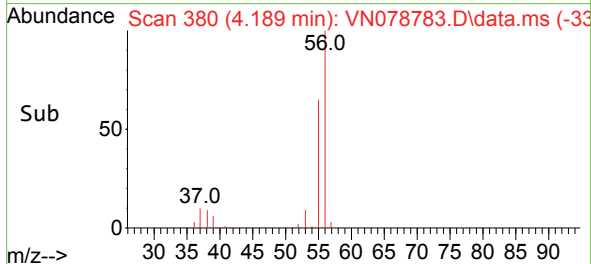
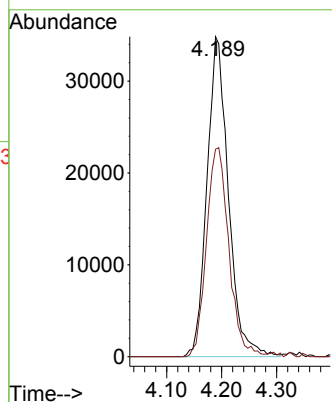
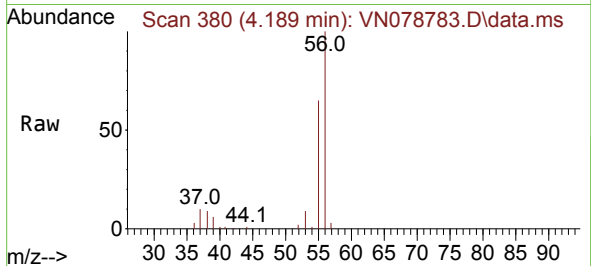




#13
Acrolein
Concen: 254.235 ug/l
RT: 4.189 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

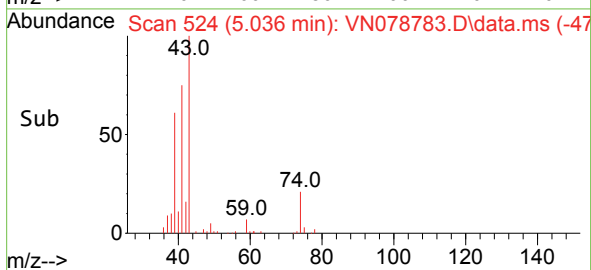
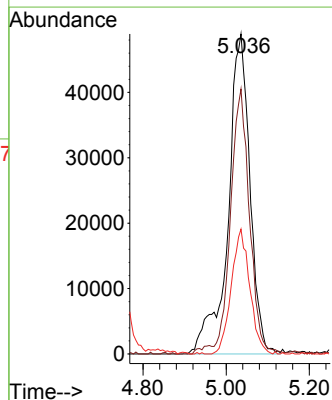
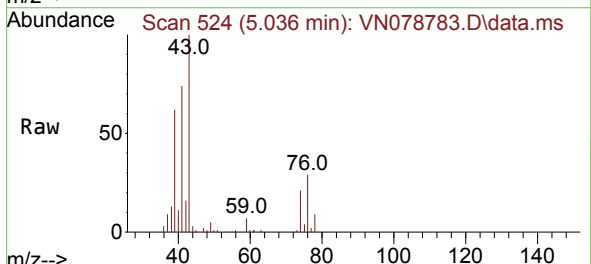
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

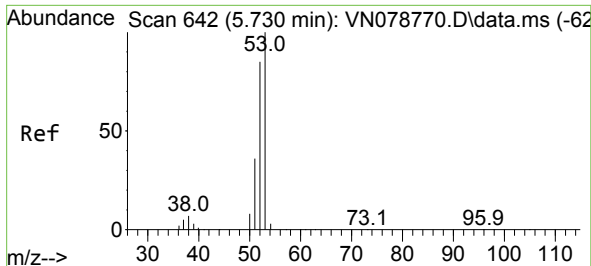
Tgt Ion: 56 Resp: 94352
Ion Ratio Lower Upper
56 100
55 68.2 54.5 81.7



#14
Allyl chloride
Concen: 55.167 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 41 Resp: 178965
Ion Ratio Lower Upper
41 100
39 72.6 58.8 88.2
76 32.9 39.1 58.7#

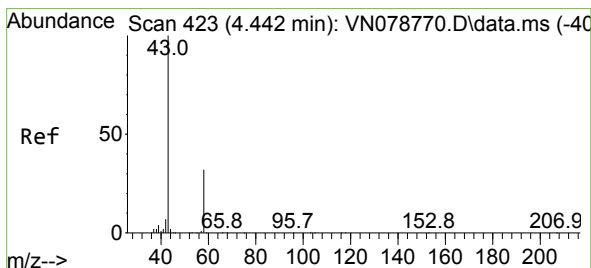
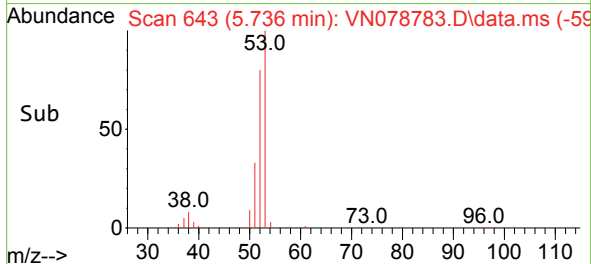
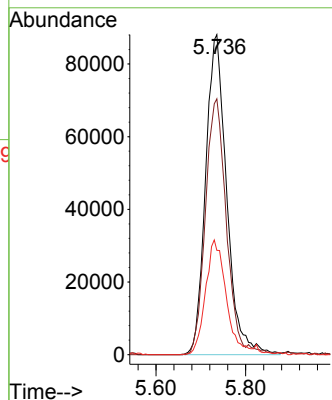
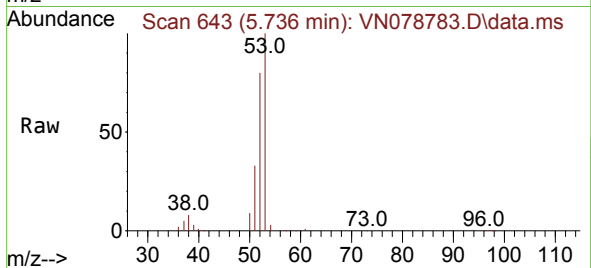




#15
Acrylonitrile
Concen: 251.198 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

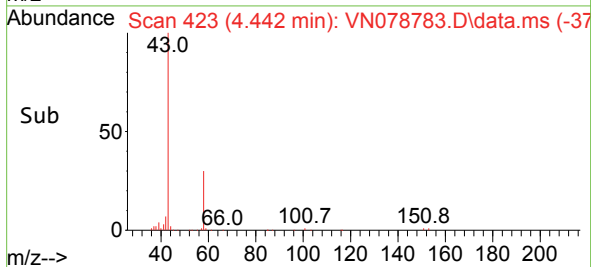
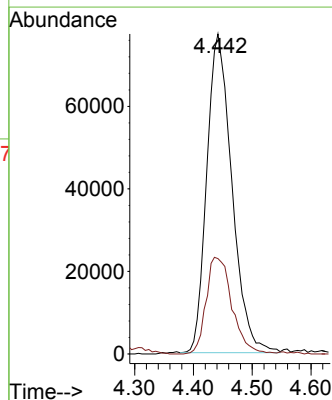
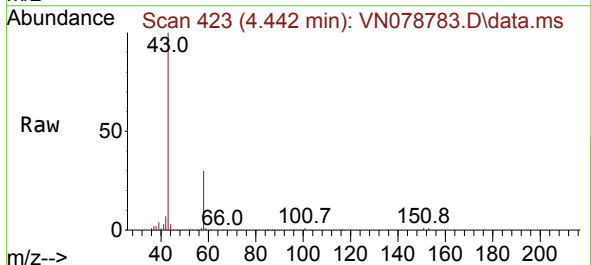
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

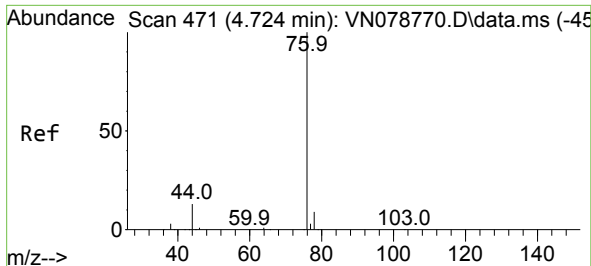
Tgt Ion: 53 Resp: 286935
Ion Ratio Lower Upper
53 100
52 80.2 65.3 97.9
51 35.4 28.9 43.3



#16
Acetone
Concen: 238.040 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 43 Resp: 228900
Ion Ratio Lower Upper
43 100
58 29.9 28.0 42.0

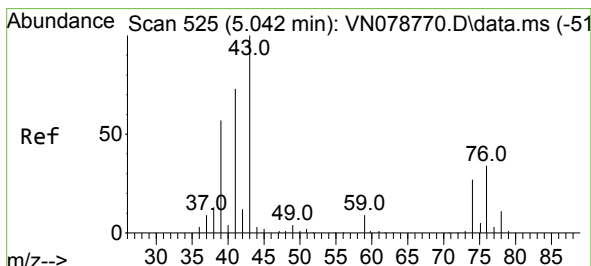
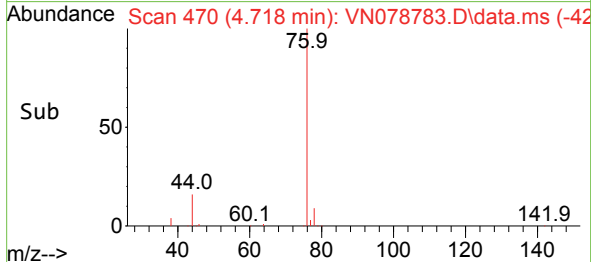
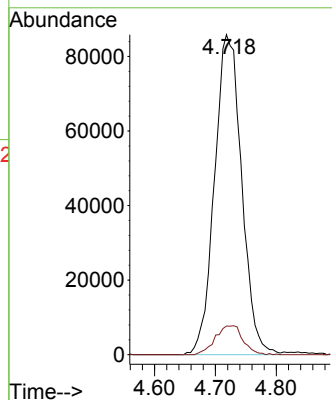
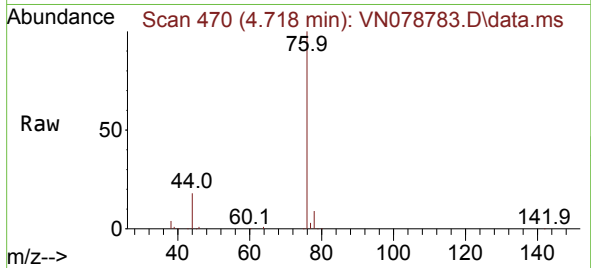




#17
Carbon Disulfide
Concen: 47.741 ug/l
RT: 4.718 min Scan# 471
Delta R.T. -0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

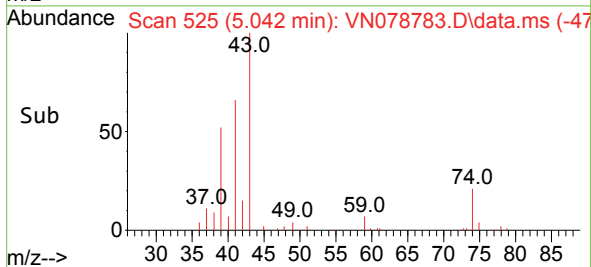
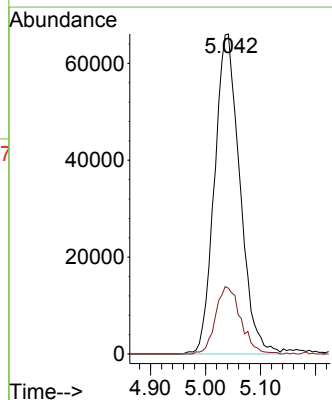
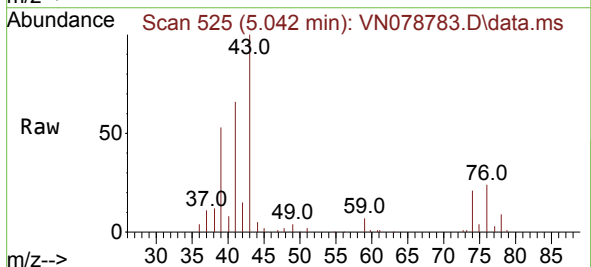
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

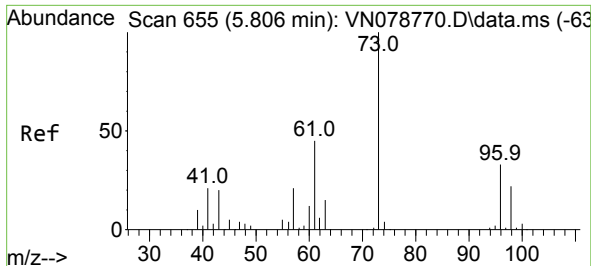
Tgt Ion: 76 Resp: 265336
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 48.995 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 43 Resp: 211606
Ion Ratio Lower Upper
43 100
74 20.9 26.2 39.4#

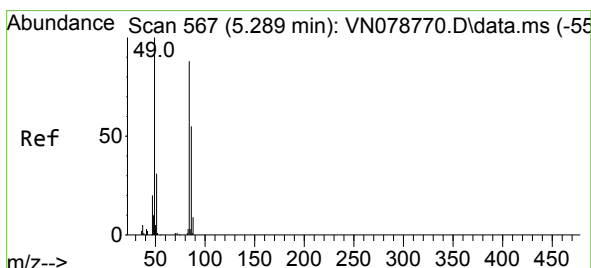
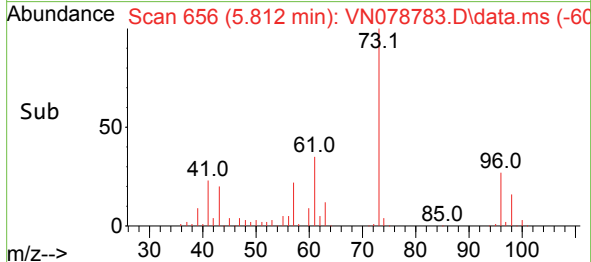
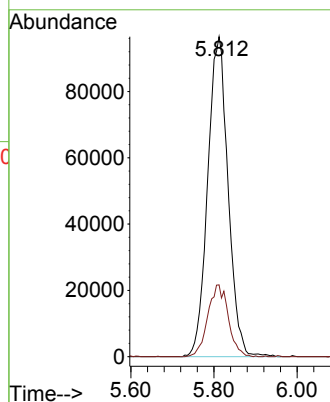
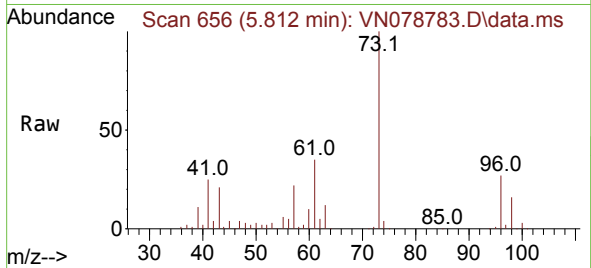




#19
Methyl tert-butyl Ether
Concen: 49.876 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

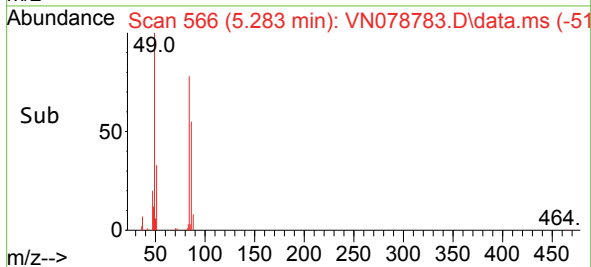
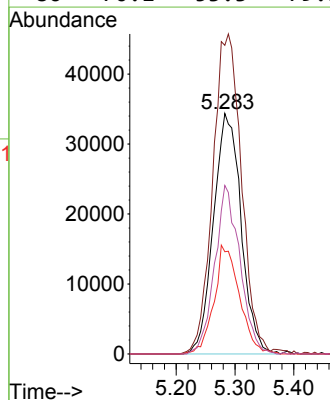
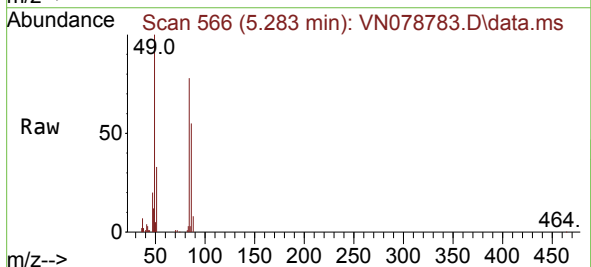
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

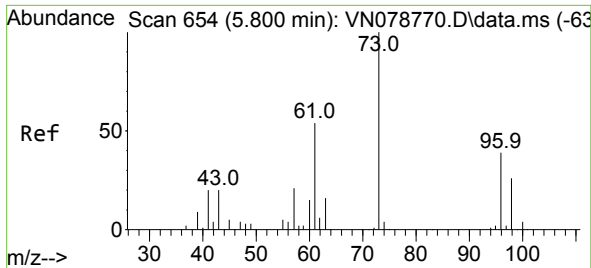
Tgt Ion: 73 Resp: 328259
Ion Ratio Lower Upper
73 100
57 22.4 15.6 23.4



#20
Methylene Chloride
Concen: 47.047 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 84 Resp: 112043
Ion Ratio Lower Upper
84 100
49 128.3 79.7 119.5#
51 42.5 25.2 37.8#
86 70.1 53.3 79.9

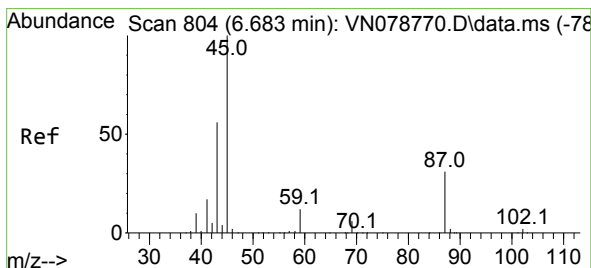
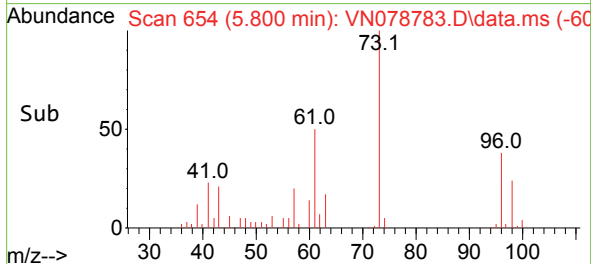
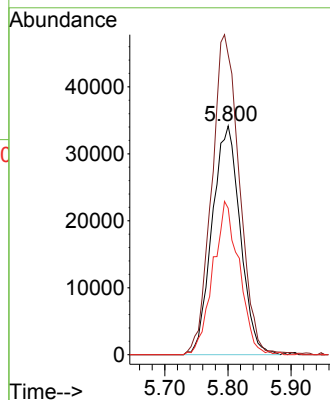
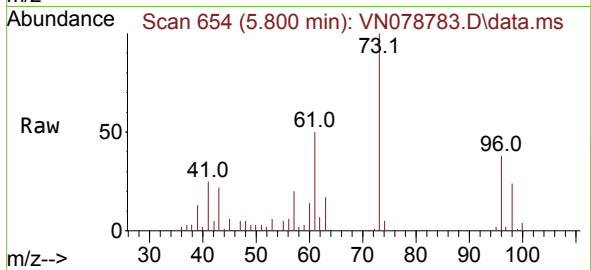




#21
trans-1,2-Dichloroethene
Concen: 48.313 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

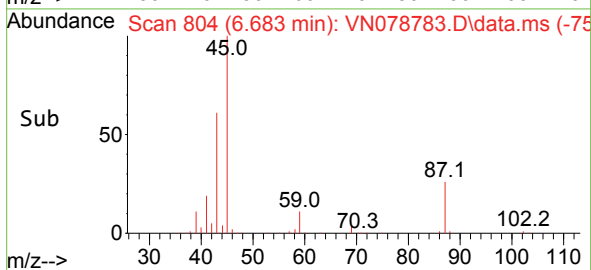
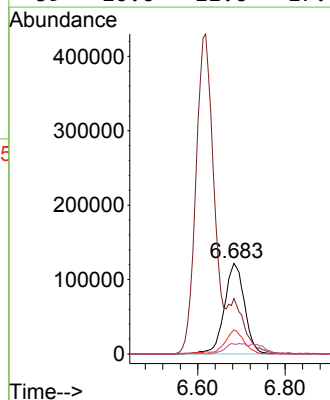
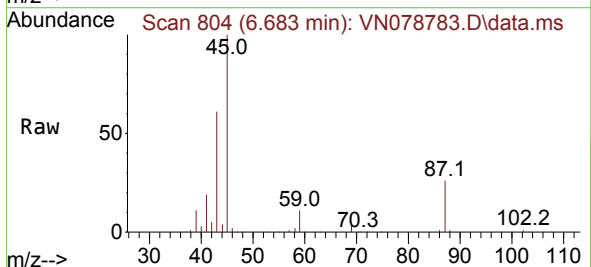
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

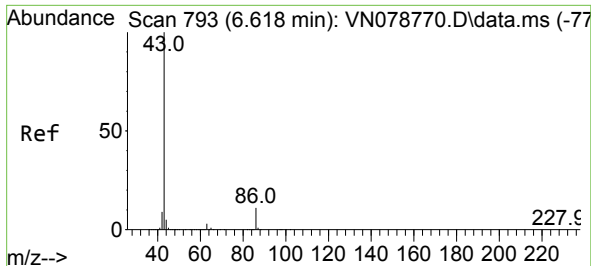
Tgt Ion: 96 Resp: 105336
Ion Ratio Lower Upper
96 100
61 131.1 90.1 135.1
98 64.0 46.4 69.6



#22
Diisopropyl ether
Concen: 49.874 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 45 Resp: 388699
Ion Ratio Lower Upper
45 100
43 60.3 45.5 68.3
87 26.5 31.8 47.8#
59 10.6 11.6 17.4#

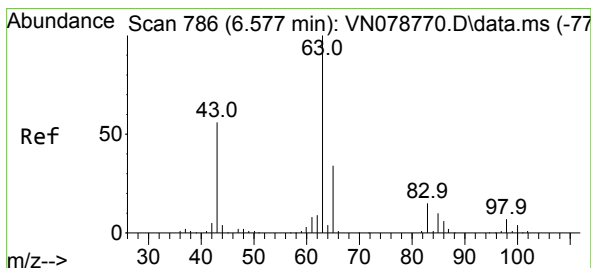
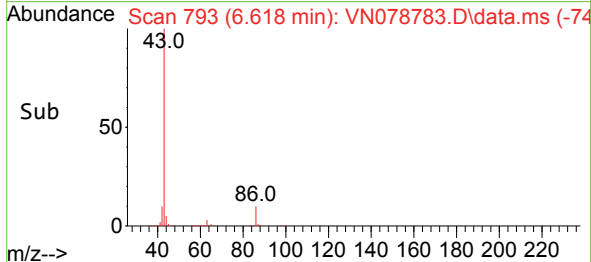
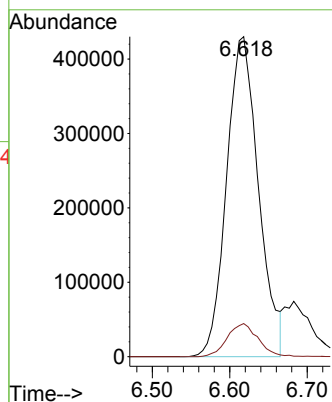
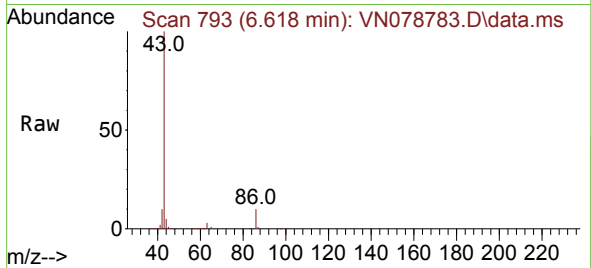




#23
 Vinyl Acetate
 Concen: 252.172 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN078783.D
 Acq: 07 Aug 2023 18:52

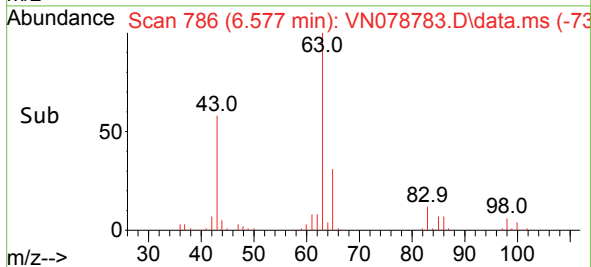
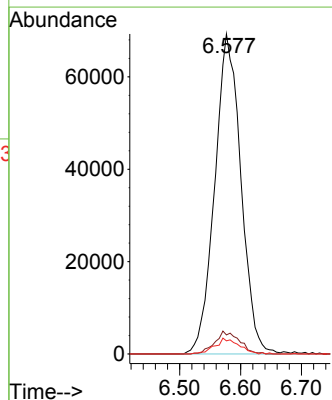
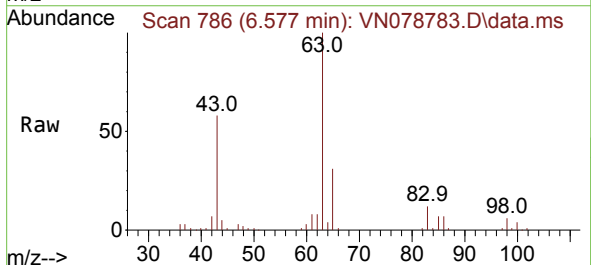
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

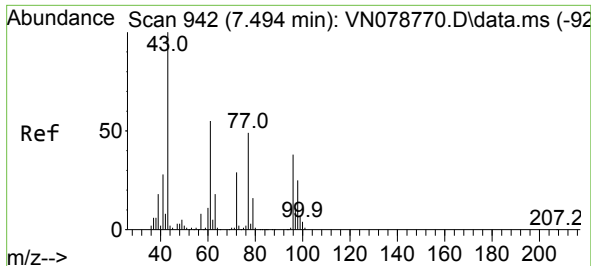
Tgt Ion: 43 Resp: 1233332
 Ion Ratio Lower Upper
 43 100
 86 10.4 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 48.793 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078783.D
 Acq: 07 Aug 2023 18:52

Tgt Ion: 63 Resp: 206787
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.9 11.7
 100 4.1 2.5 7.4





#25

2-Butanone

Concen: 245.798 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078783.D

Acq: 07 Aug 2023 18:52

Instrument :

MSVOA_N

ClientSampleId :

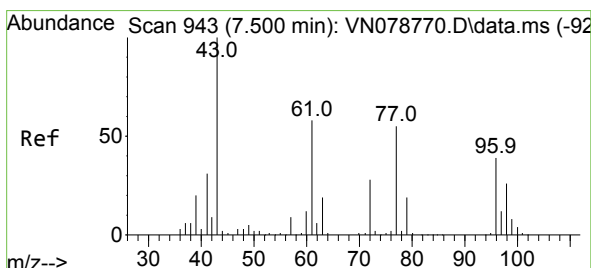
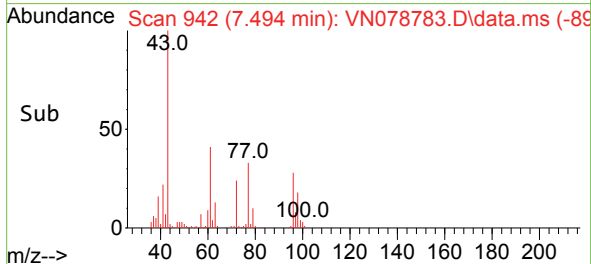
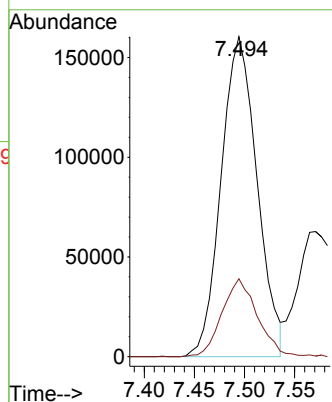
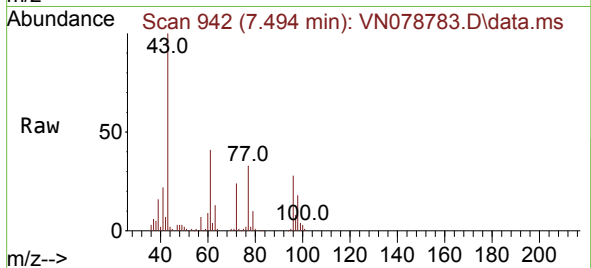
VSTDICCC050

Tgt Ion: 43 Resp: 400246

Ion Ratio Lower Upper

43 100

72 24.4 30.2 45.2#



#26

2,2-Dichloropropane

Concen: 50.851 ug/l

RT: 7.500 min Scan# 943

Delta R.T. -0.000 min

Lab File: VN078783.D

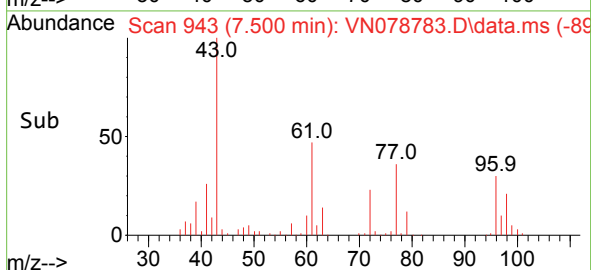
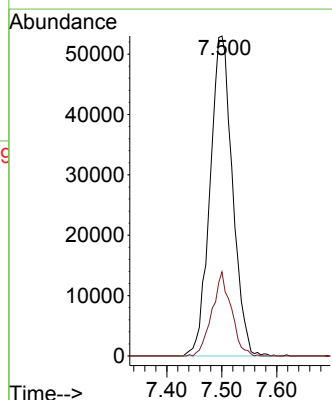
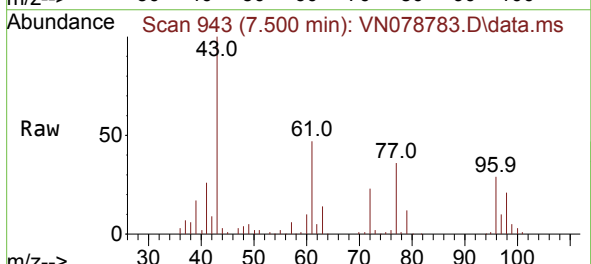
Acq: 07 Aug 2023 18:52

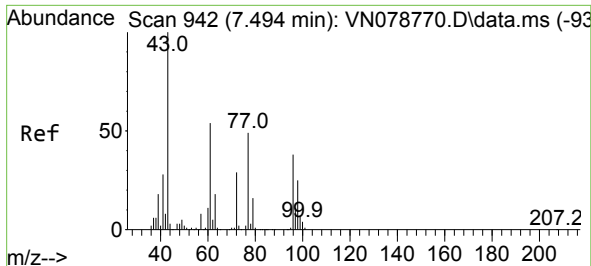
Tgt Ion: 77 Resp: 150496

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6

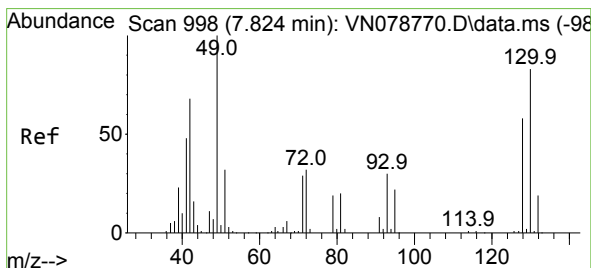
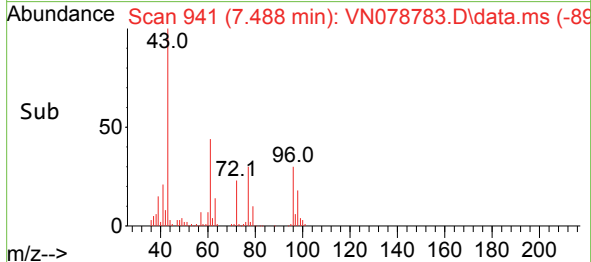
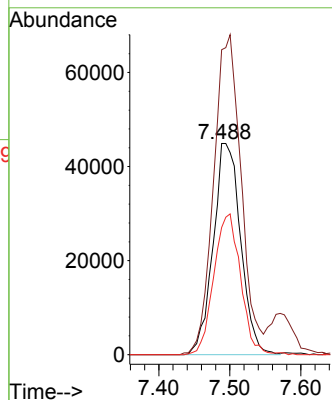
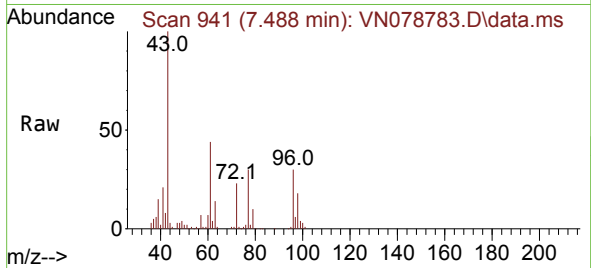




#27
 cis-1,2-Dichloroethene
 Concen: 48.140 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN078783.D
 Acq: 07 Aug 2023 18:52

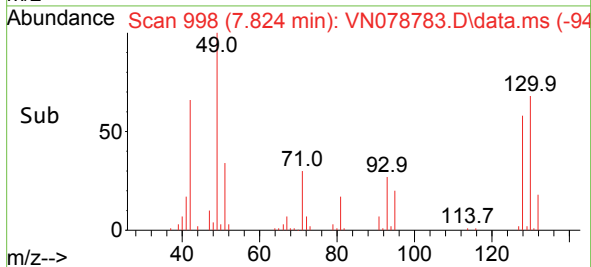
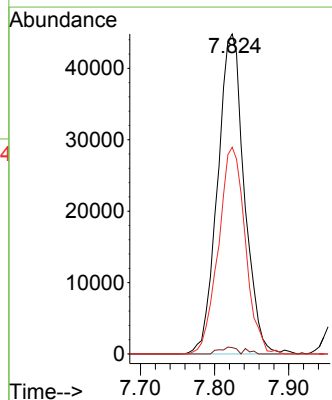
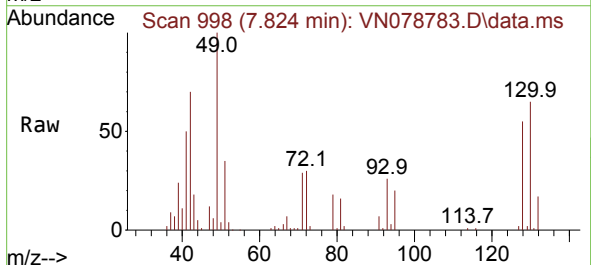
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

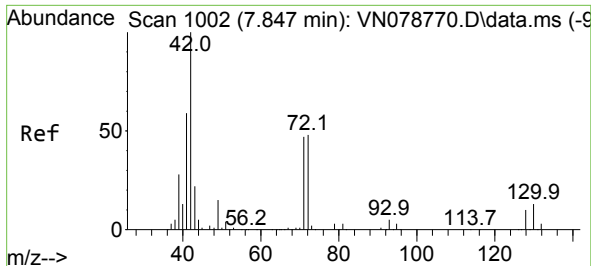
Tgt Ion: 96 Resp: 120505
 Ion Ratio Lower Upper
 96 100
 61 151.7 0.0 255.2
 98 65.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 48.728 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN078783.D
 Acq: 07 Aug 2023 18:52

Tgt Ion: 49 Resp: 111902
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.8
 130 65.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 251.751 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078783.D

Acq: 07 Aug 2023 18:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

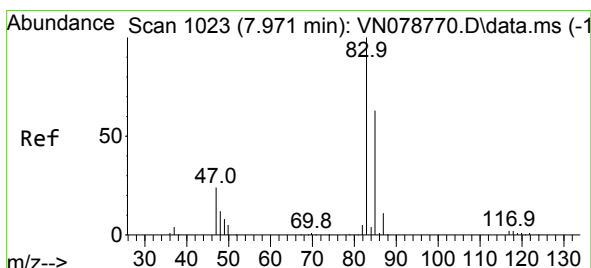
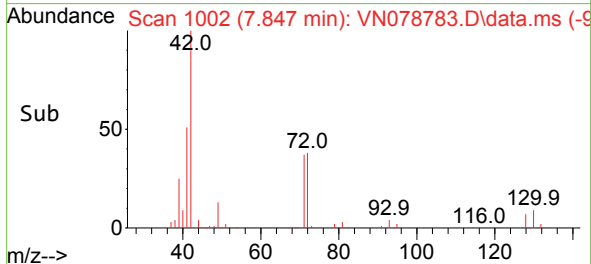
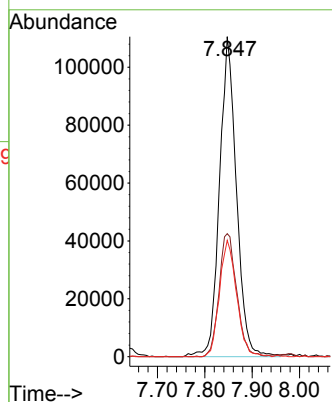
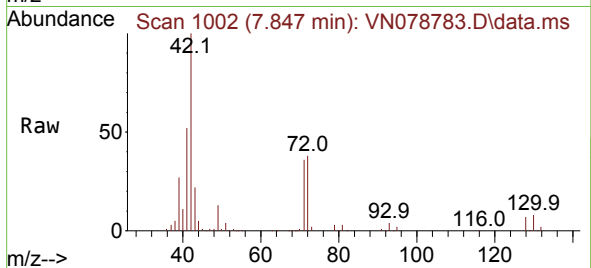
Tgt Ion: 42 Resp: 274325

Ion Ratio Lower Upper

42 100

72 40.0 49.8 74.6#

71 36.9 47.4 71.2#



#30

Chloroform

Concen: 48.798 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078783.D

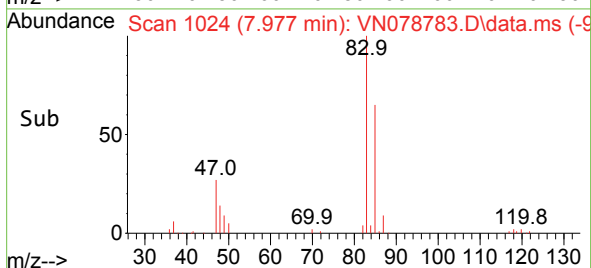
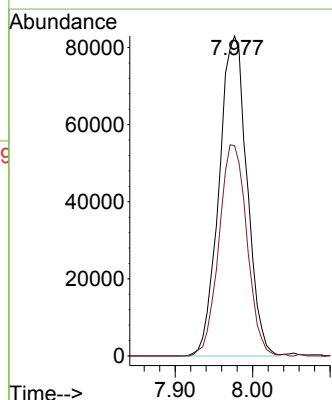
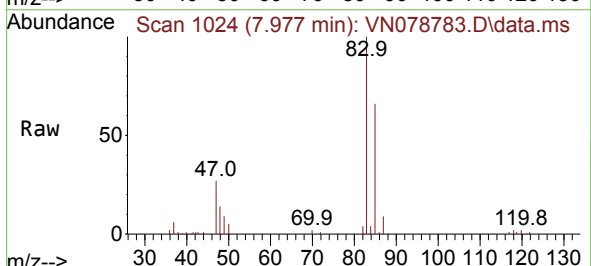
Acq: 07 Aug 2023 18:52

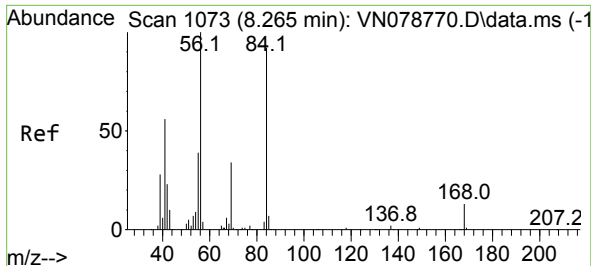
Tgt Ion: 83 Resp: 208281

Ion Ratio Lower Upper

83 100

85 65.7 55.4 83.0

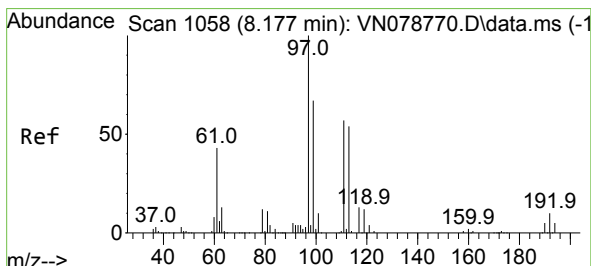
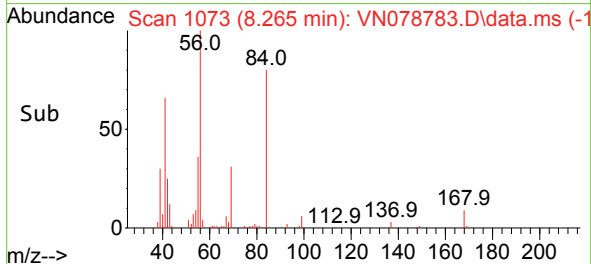
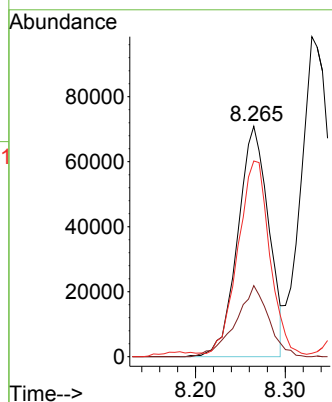
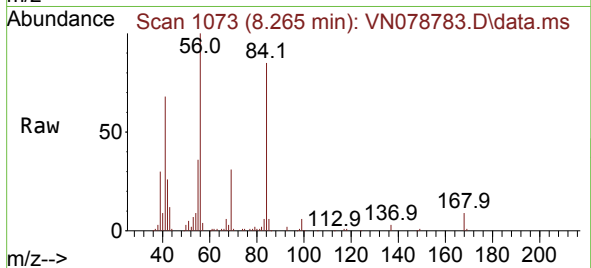




#31
Cyclohexane
Concen: 46.052 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

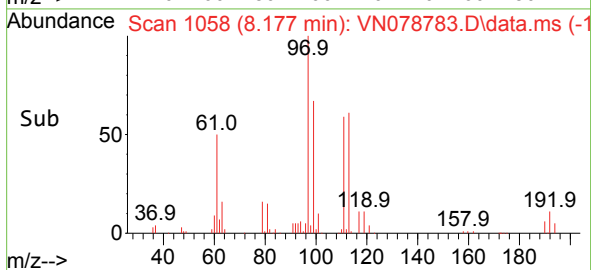
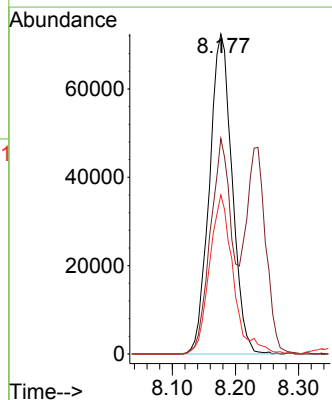
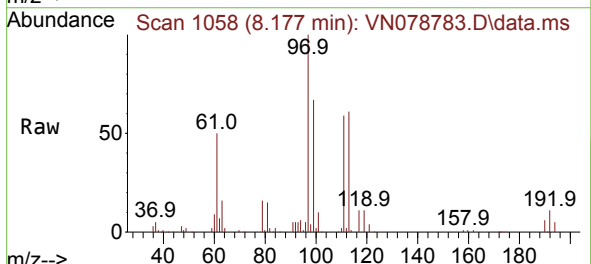
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

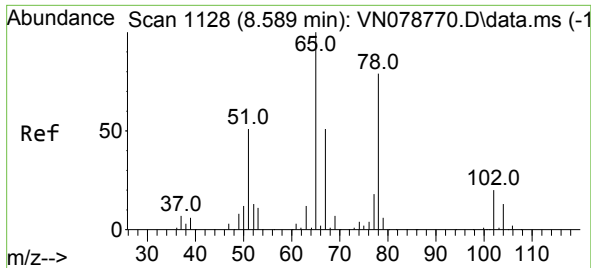
Tgt Ion: 56 Resp: 169110
Ion Ratio Lower Upper
56 100
69 30.8 26.8 40.2
84 82.8 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 49.882 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 97 Resp: 180971
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 52.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.249 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN078783.D

Acq: 07 Aug 2023 18:52

Instrument :

MSVOA_N

ClientSampleId :

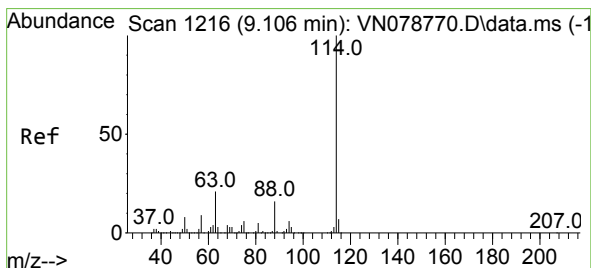
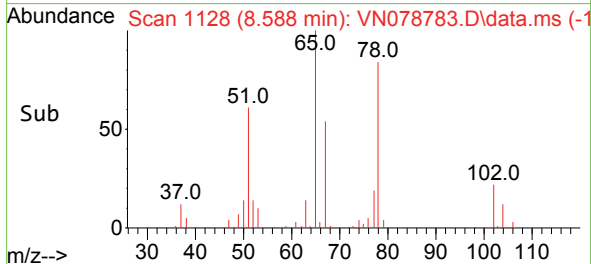
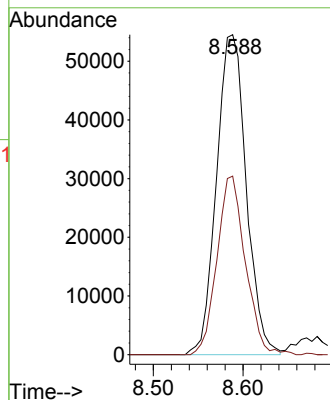
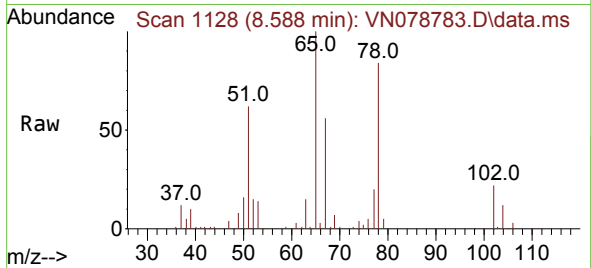
VSTDICCC050

Tgt Ion: 65 Resp: 125584

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078783.D

Acq: 07 Aug 2023 18:52

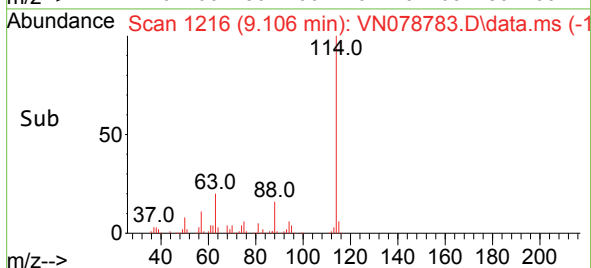
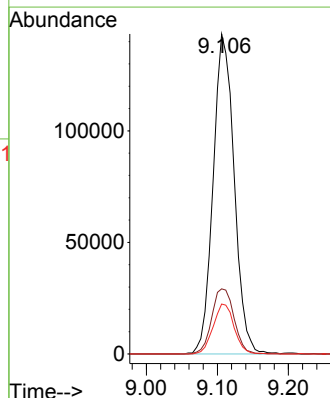
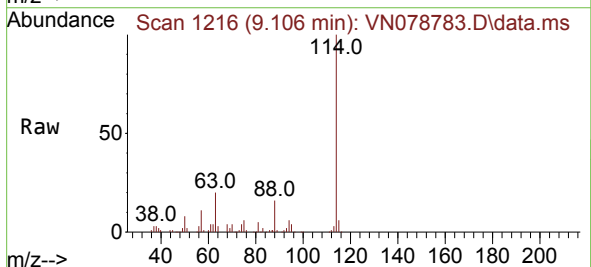
Tgt Ion: 114 Resp: 294958

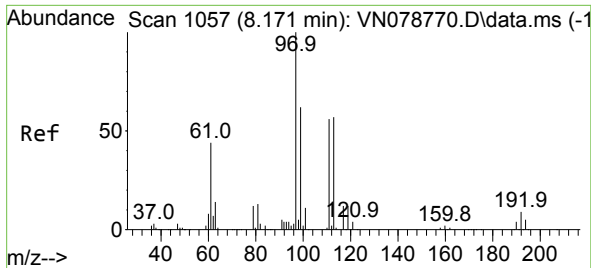
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 15.6 0.0 30.6

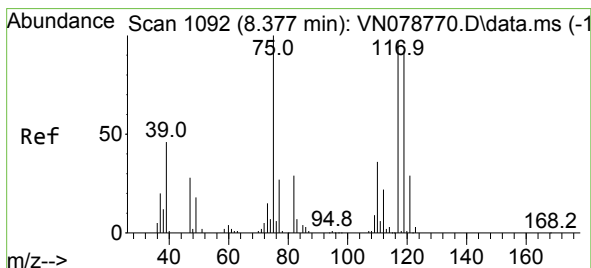
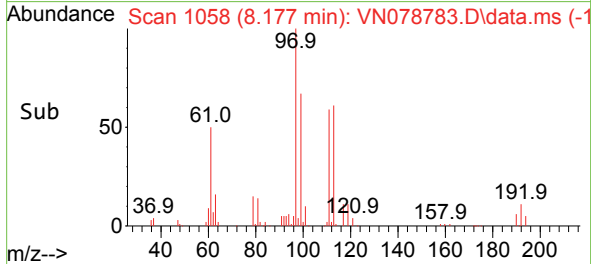
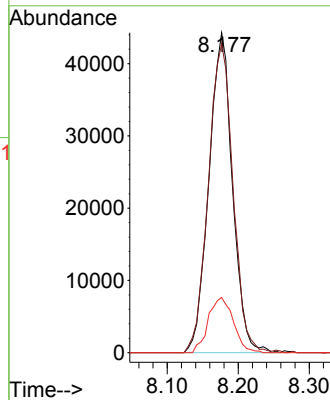
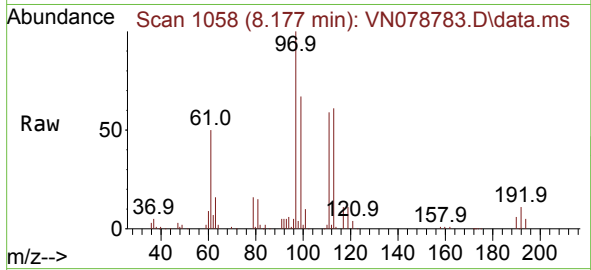




#35
Dibromofluoromethane
Concen: 51.151 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

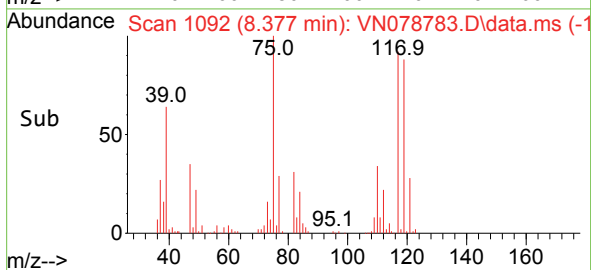
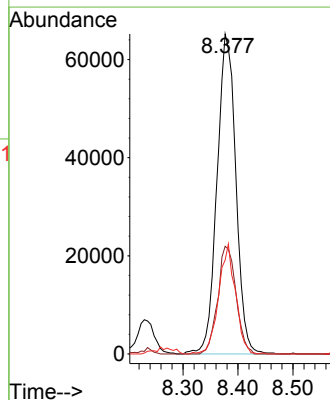
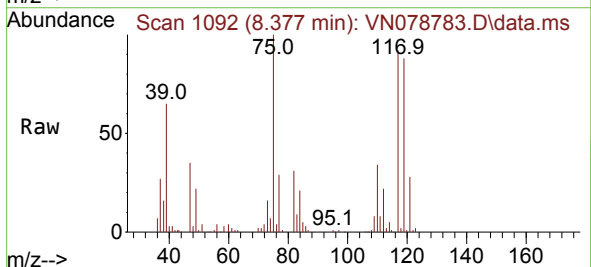
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

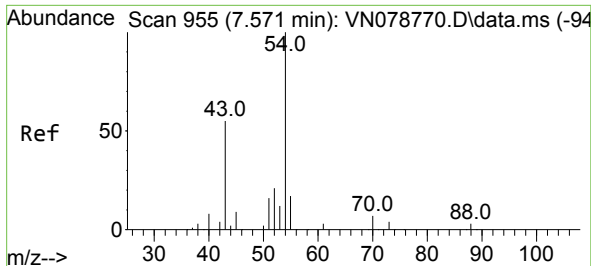
Tgt Ion:113 Resp: 101886
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 18.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 50.273 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 75 Resp: 155354
Ion Ratio Lower Upper
75 100
110 32.7 19.1 57.3
77 30.8 25.0 37.4

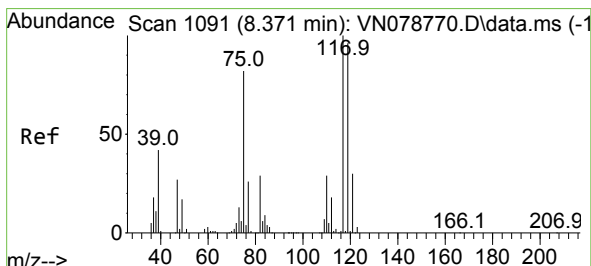
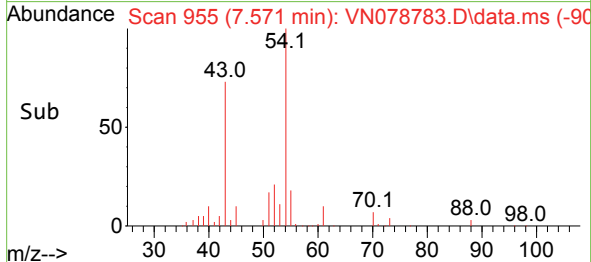
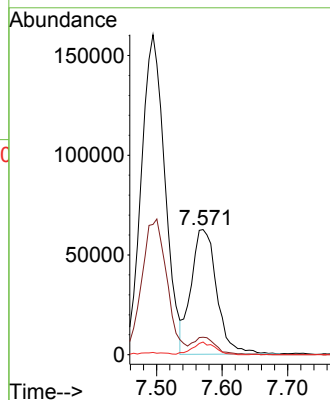
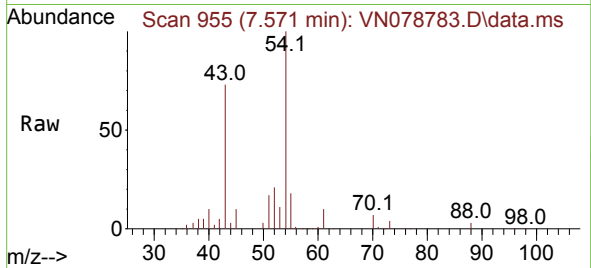




#37
Ethyl Acetate
Concen: 51.858 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

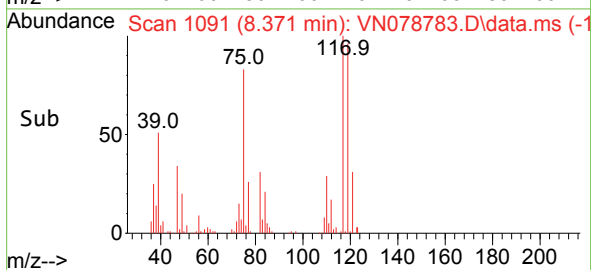
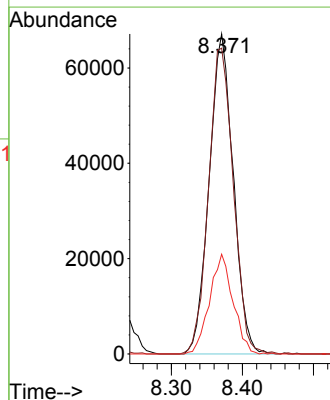
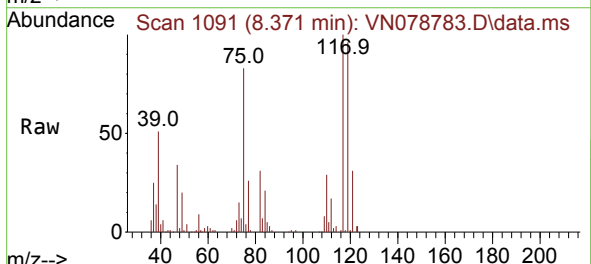
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

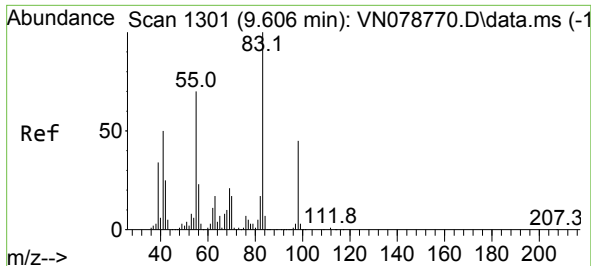
Tgt Ion: 43 Resp: 170386
Ion Ratio Lower Upper
43 100
61 12.5 13.2 19.8#
70 8.7 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 49.650 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 117 Resp: 158170
Ion Ratio Lower Upper
117 100
119 95.5 77.3 115.9
121 31.1 23.3 34.9





#39

Methylcyclohexane

Concen: 50.144 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078783.D

Acq: 07 Aug 2023 18:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

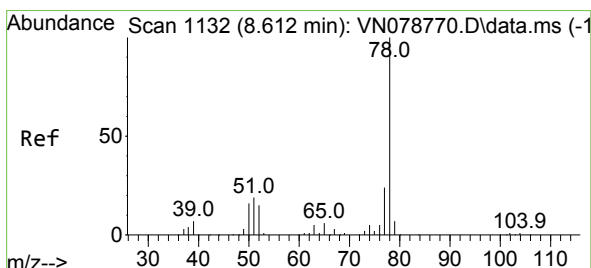
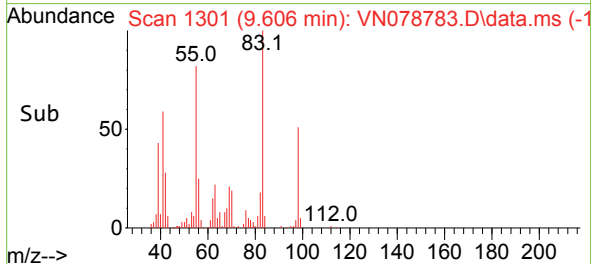
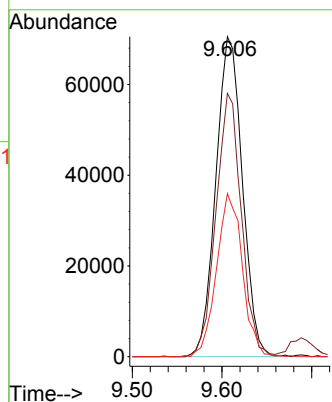
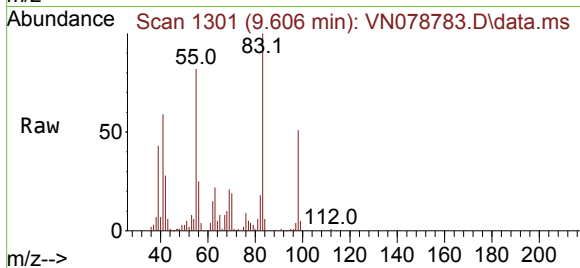
Tgt Ion: 83 Resp: 144737

Ion Ratio Lower Upper

83 100

55 82.3 49.1 73.7#

98 51.0 40.6 61.0



#40

Benzene

Concen: 50.036 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078783.D

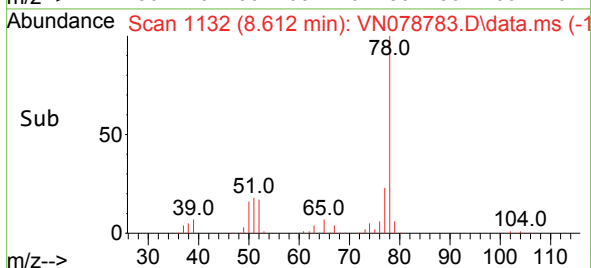
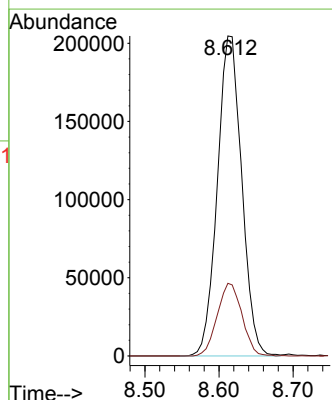
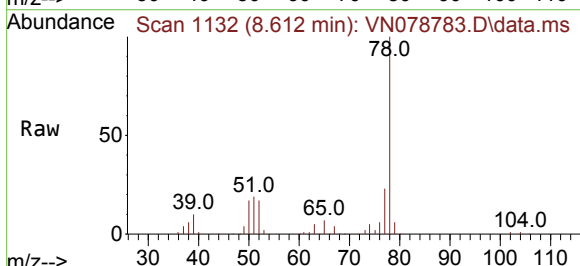
Acq: 07 Aug 2023 18:52

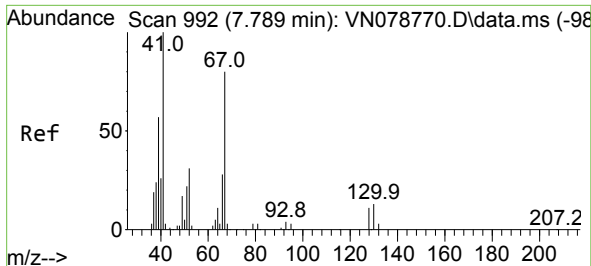
Tgt Ion: 78 Resp: 467682

Ion Ratio Lower Upper

78 100

77 22.7 19.0 28.6

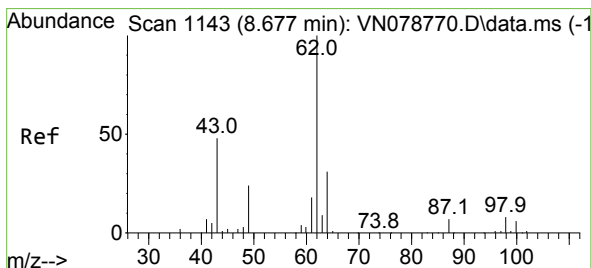
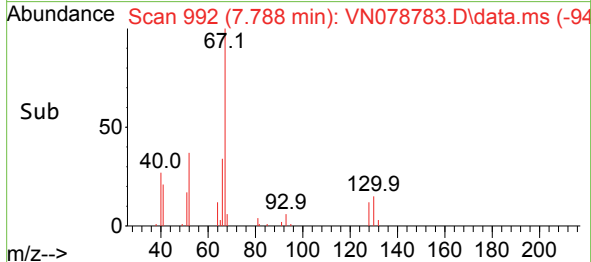
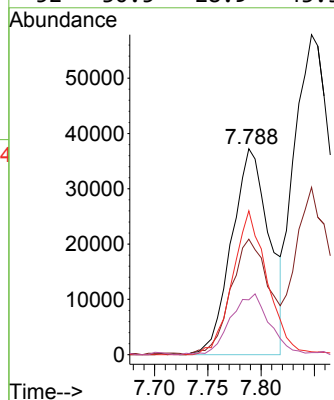
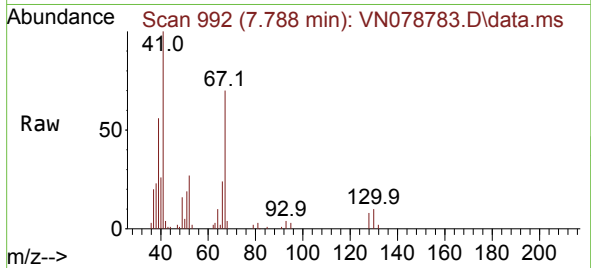




#41
Methacrylonitrile
Concen: 50.385 ug/l
RT: 7.788 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

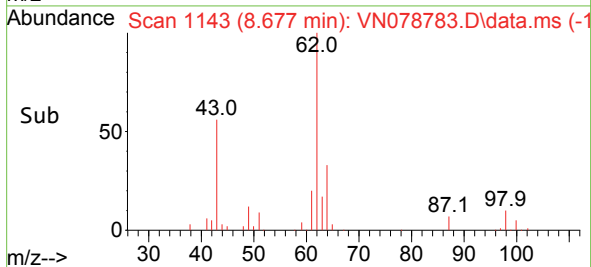
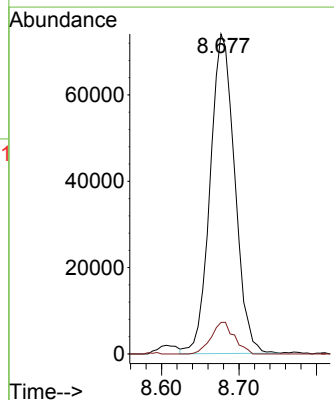
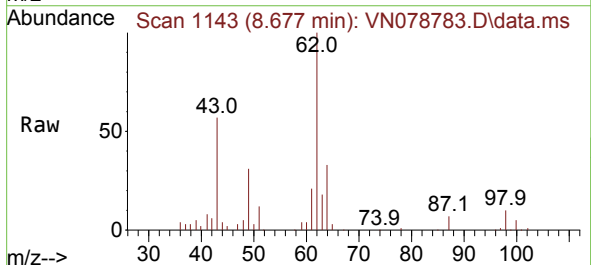
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

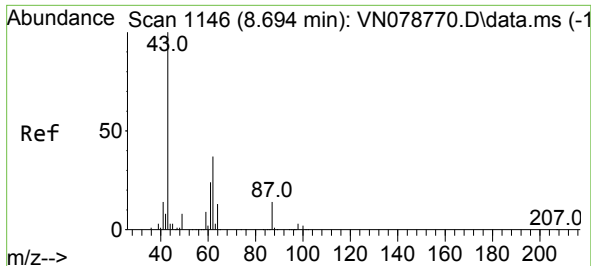
Tgt Ion:	41	Resp:	92045
Ion	Ratio	Lower	Upper
41	100		
39	56.9	42.6	64.0
67	64.6	77.5	116.3
52	30.5	28.9	43.3



#42
1,2-Dichloroethane
Concen: 48.594 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion:	62	Resp:	163254
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8

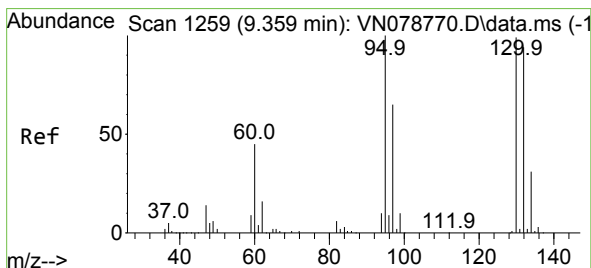
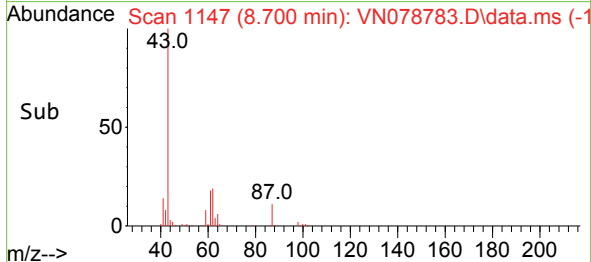
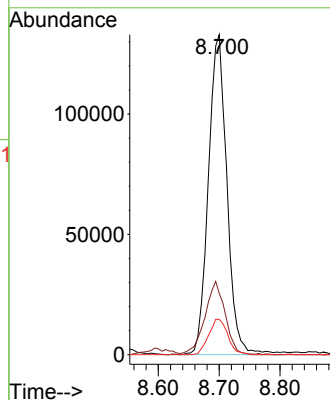
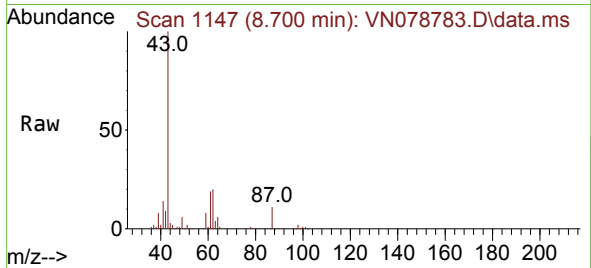




#43
Isopropyl Acetate
Concen: 50.858 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

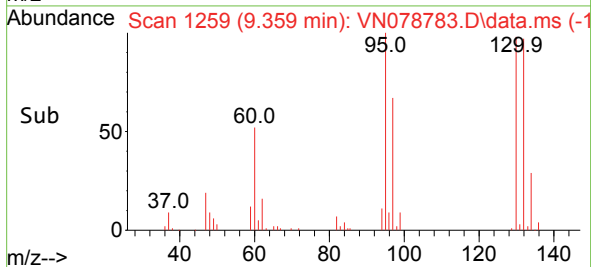
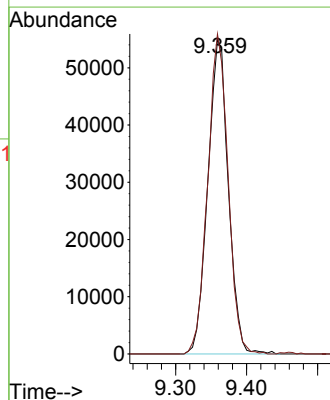
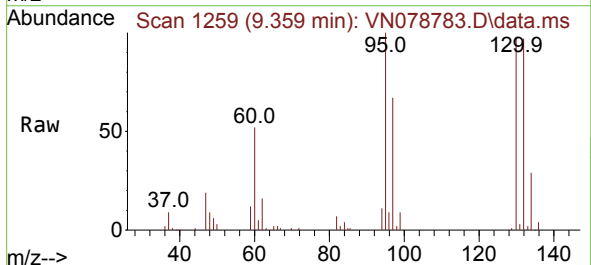
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

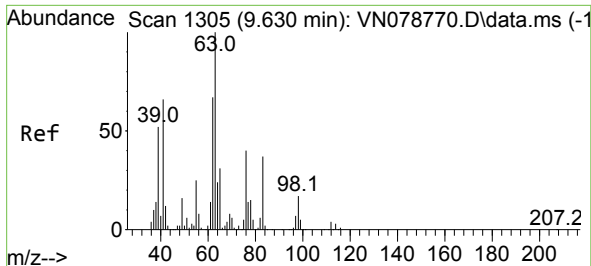
Tgt Ion: 43 Resp: 281731
Ion Ratio Lower Upper
43 100
61 24.7 24.7 37.1#
87 11.4 14.6 21.8#



#44
Trichloroethene
Concen: 48.180 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion:130 Resp: 110291
Ion Ratio Lower Upper
130 100
95 101.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 48.717 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078783.D

Acq: 07 Aug 2023 18:52

Instrument :

MSVOA_N

ClientSampleId :

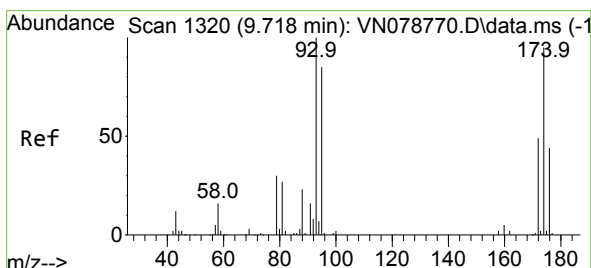
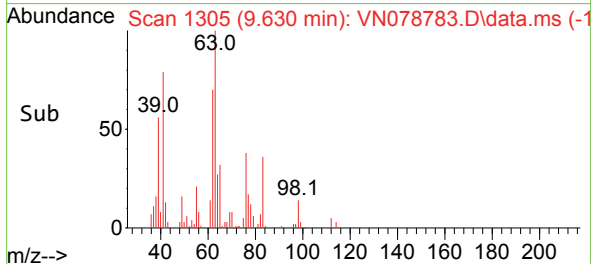
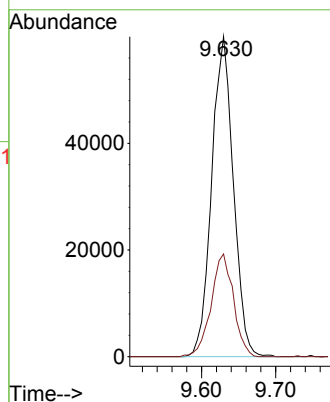
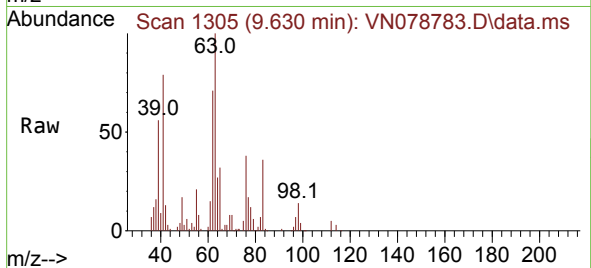
VSTDICCC050

Tgt Ion: 63 Resp: 122068

Ion Ratio Lower Upper

63 100

65 32.1 23.9 35.9



#46

Dibromomethane

Concen: 48.990 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078783.D

Acq: 07 Aug 2023 18:52

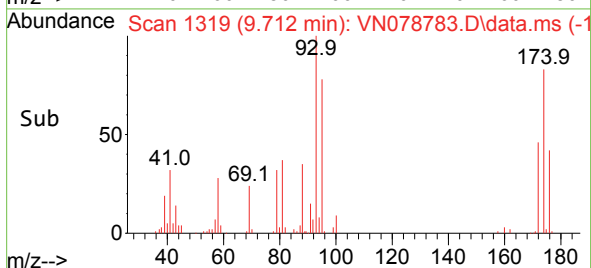
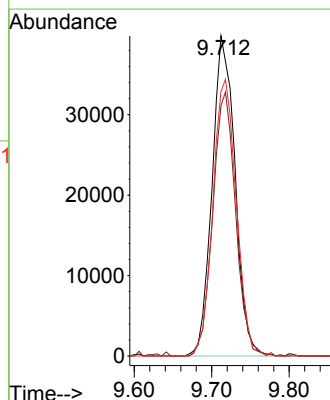
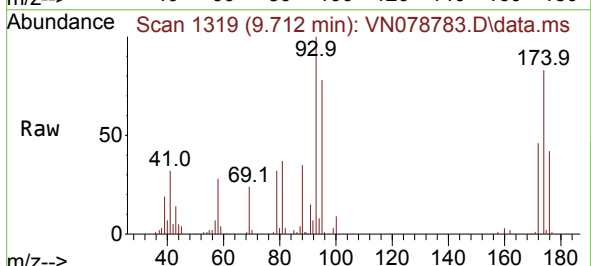
Tgt Ion: 93 Resp: 81698

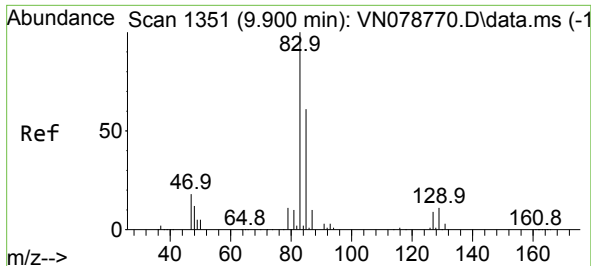
Ion Ratio Lower Upper

93 100

95 82.0 63.8 95.8

174 88.3 65.6 98.4

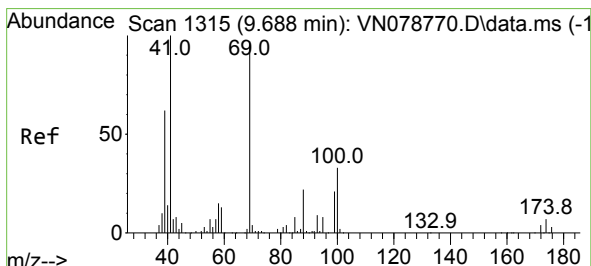
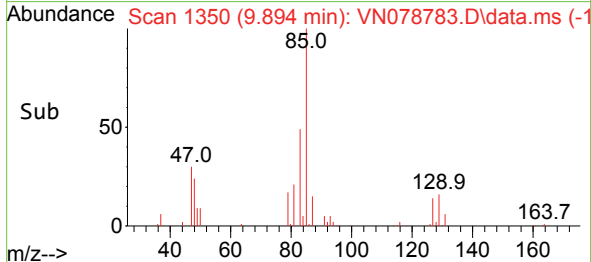
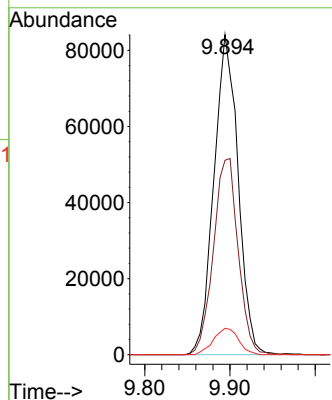
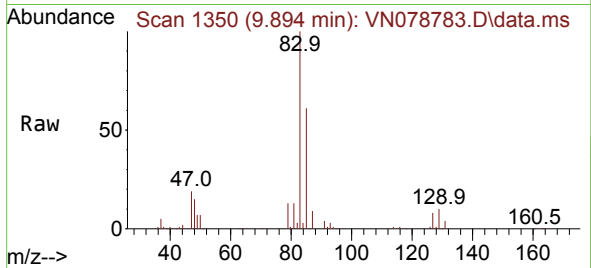




#47
Bromodichloromethane
Concen: 49.821 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

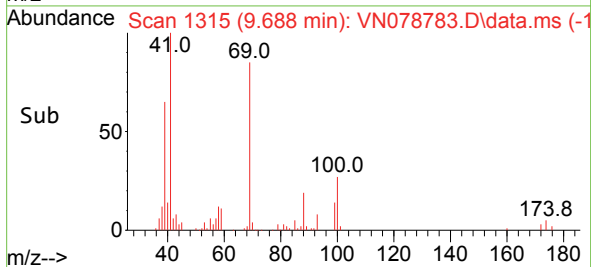
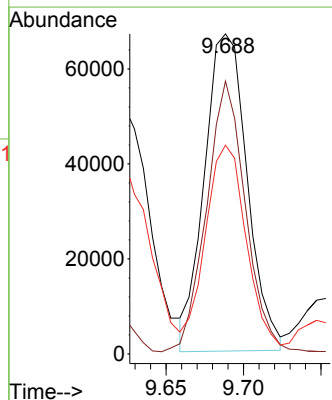
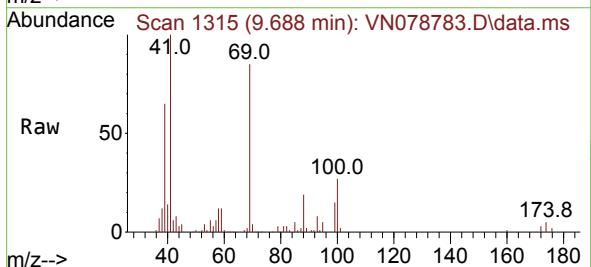
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

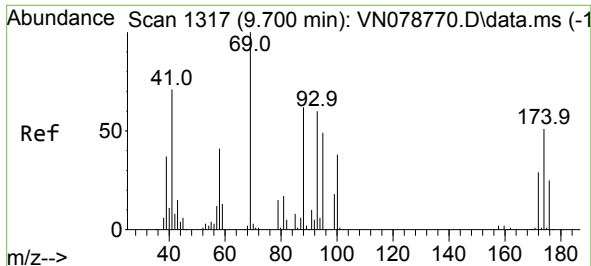
Tgt Ion: 83 Resp: 165368
Ion Ratio Lower Upper
83 100
85 60.8 49.6 74.4
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 50.114 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 41 Resp: 128270
Ion Ratio Lower Upper
41 100
69 79.1 90.4 135.6#
39 63.7 54.6 81.8





#49

1,4-Dioxane

Concen: 980.440 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078783.D

Acq: 07 Aug 2023 18:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

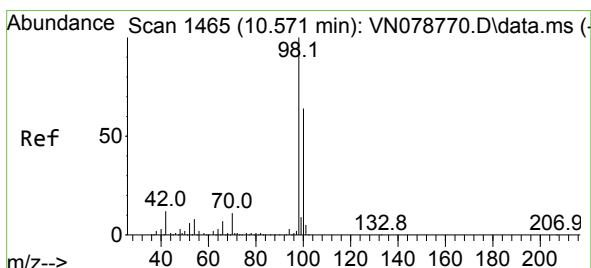
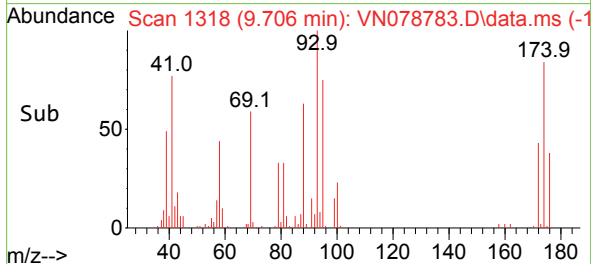
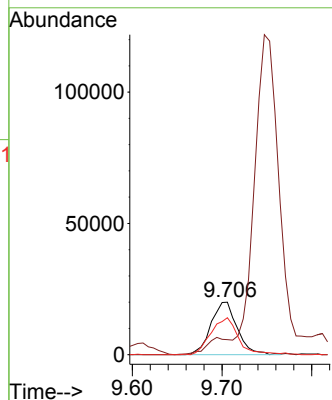
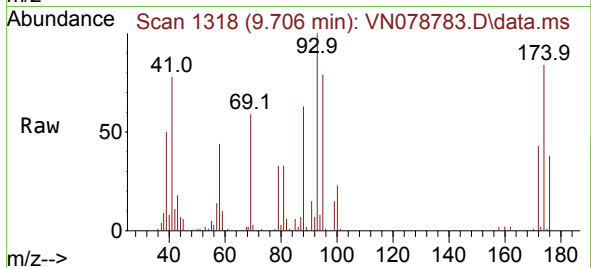
Tgt Ion: 88 Resp: 40750

Ion Ratio Lower Upper

88 100

43 31.1 17.0 25.6#

58 73.9 47.0 70.4#



#50

Toluene-d8

Concen: 52.601 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078783.D

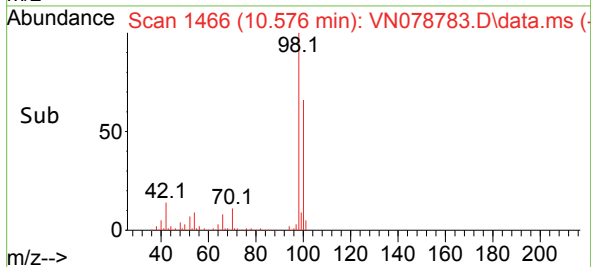
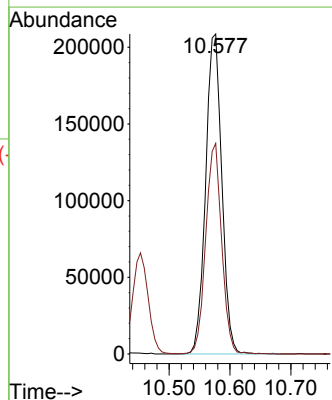
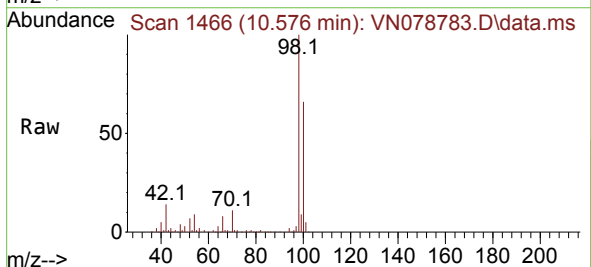
Acq: 07 Aug 2023 18:52

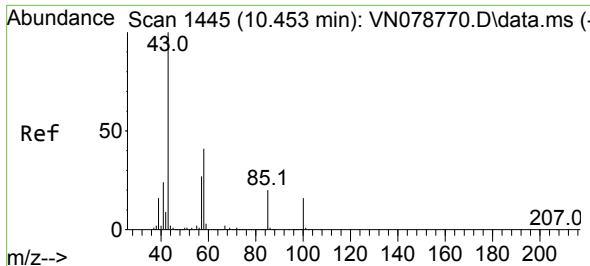
Tgt Ion: 98 Resp: 385568

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

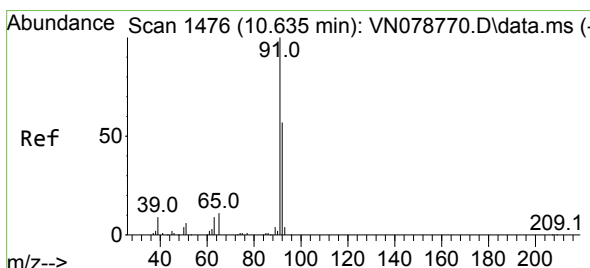
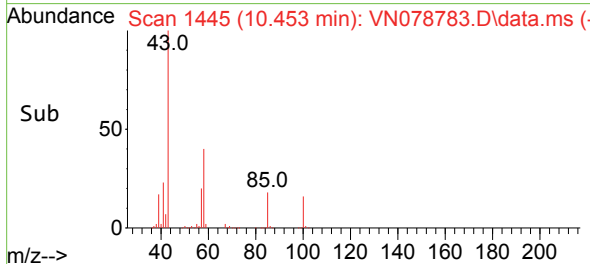
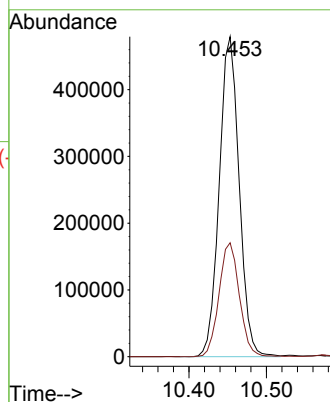
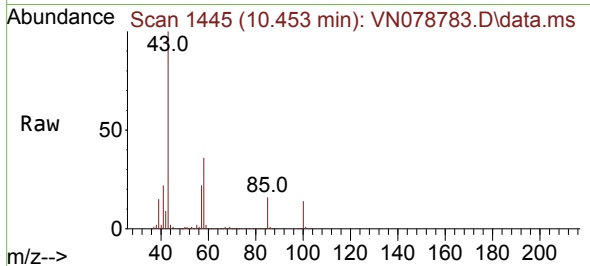




#51
4-Methyl-2-Pentanone
Concen: 252.147 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

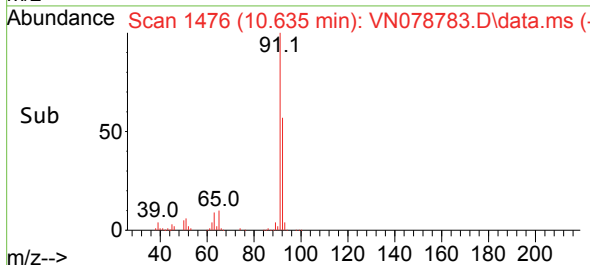
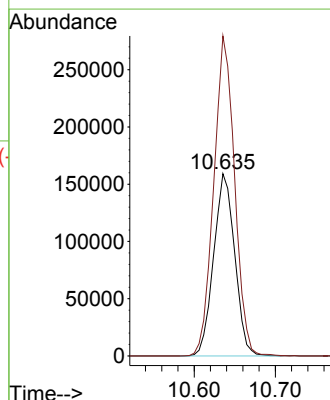
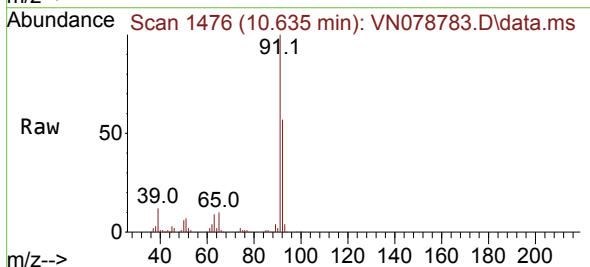
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

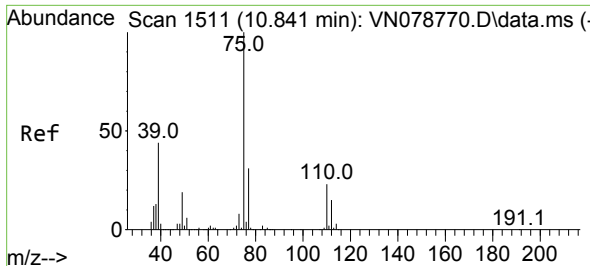
Tgt Ion: 43 Resp: 855549
Ion Ratio Lower Upper
43 100
58 36.5 36.6 54.8#



#52
Toluene
Concen: 50.330 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 92 Resp: 287294
Ion Ratio Lower Upper
92 100
91 174.1 137.4 206.0

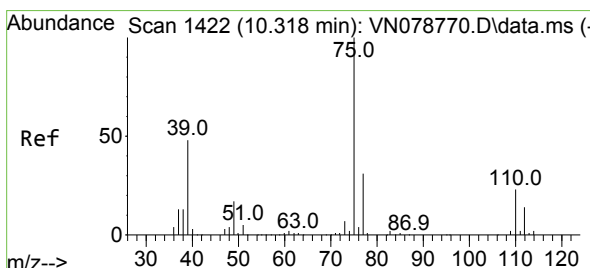
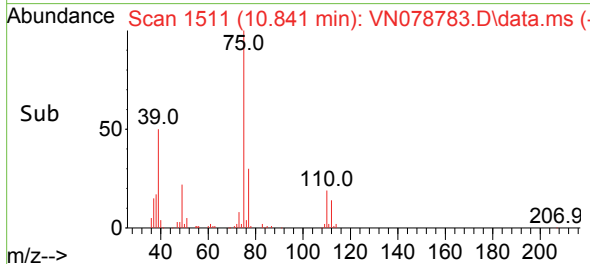
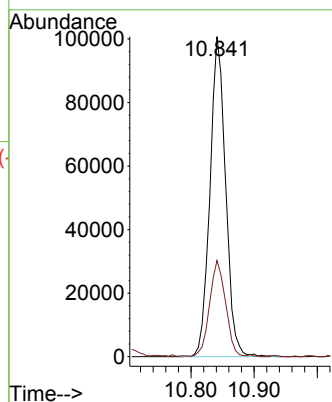
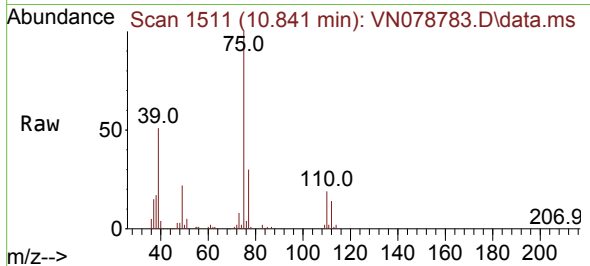




#53
 t-1,3-Dichloropropene
 Concen: 51.123 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN078783.D
 Acq: 07 Aug 2023 18:52

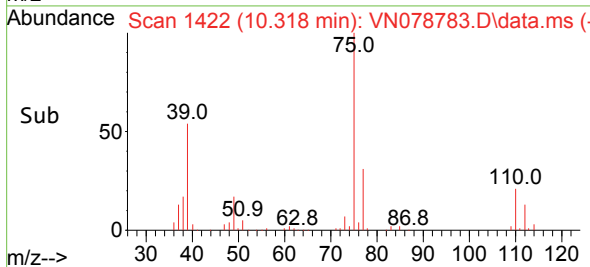
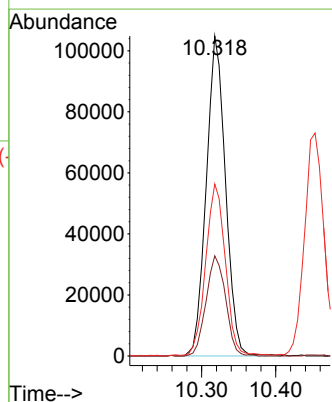
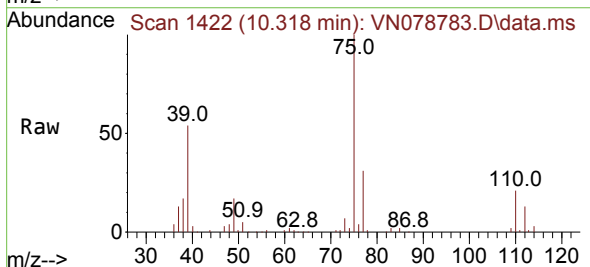
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

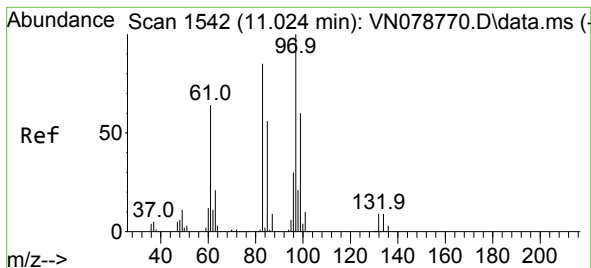
Tgt Ion: 75 Resp: 173384
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.297 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078783.D
 Acq: 07 Aug 2023 18:52

Tgt Ion: 75 Resp: 189013
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.1 39.1
 39 53.5 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 48.599 ug/l

RT: 11.024 min Scan# 110274

Delta R.T. -0.000 min

Lab File: VN078783.D

Acq: 07 Aug 2023 18:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 110274

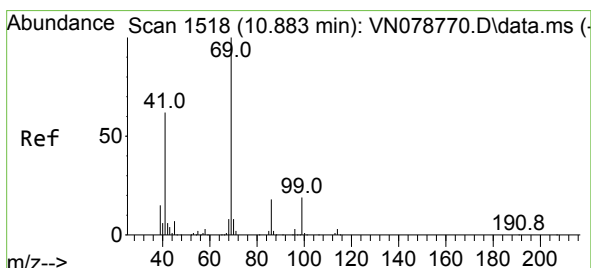
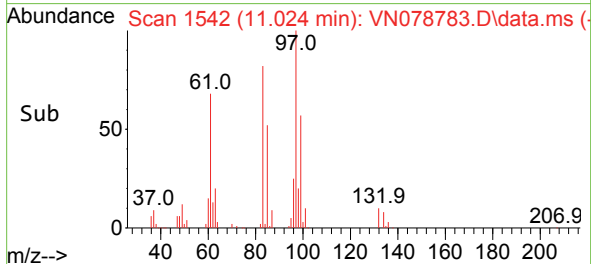
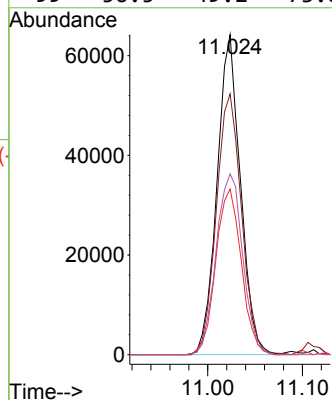
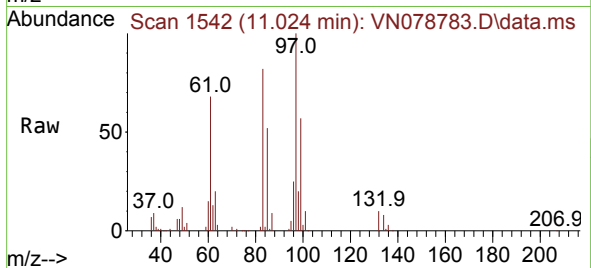
Ion Ratio Lower Upper

97 100

83 81.5 65.1 97.7

85 51.8 43.4 65.2

99 56.5 49.2 73.8



#56

Ethyl methacrylate

Concen: 52.913 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. -0.000 min

Lab File: VN078783.D

Acq: 07 Aug 2023 18:52

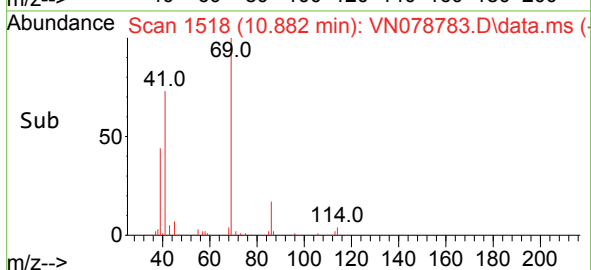
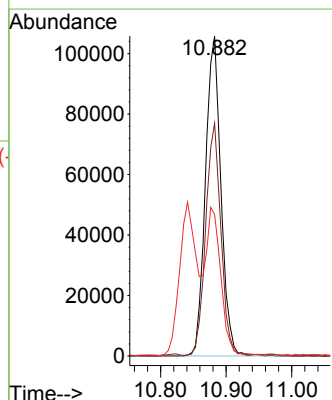
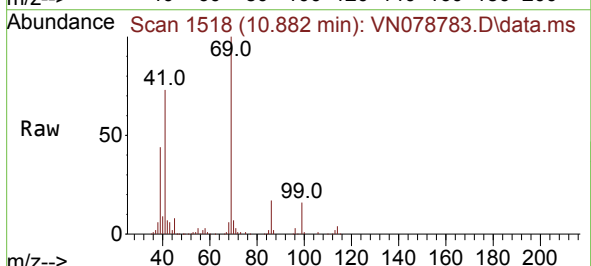
Tgt Ion: 69 Resp: 174101

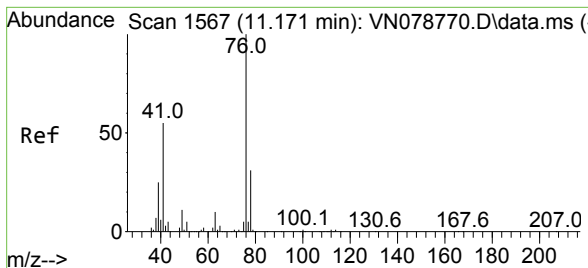
Ion Ratio Lower Upper

69 100

41 70.8 39.6 59.4#

39 47.0 28.6 43.0#

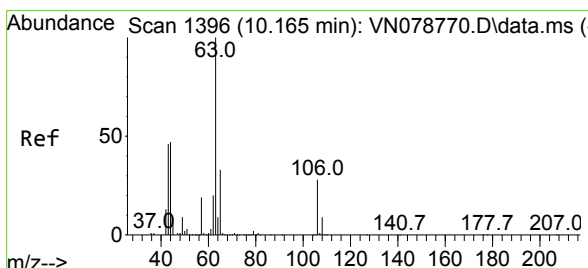
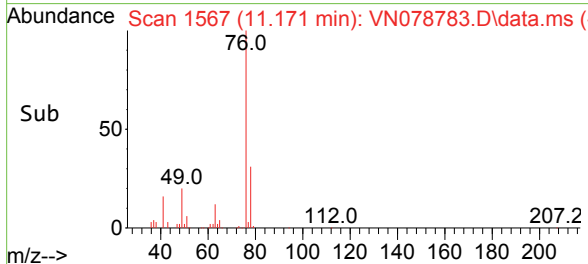
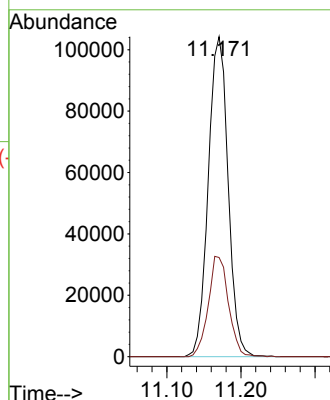
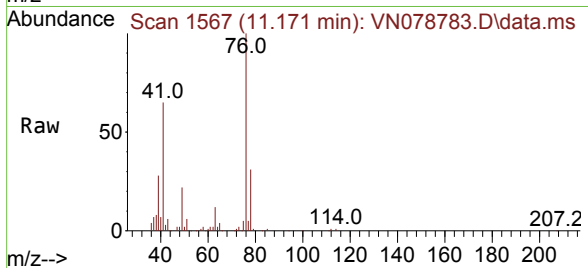




#57
1,3-Dichloropropane
Concen: 49.087 ug/l
RT: 11.171 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

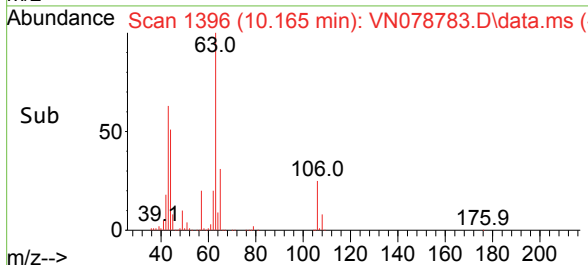
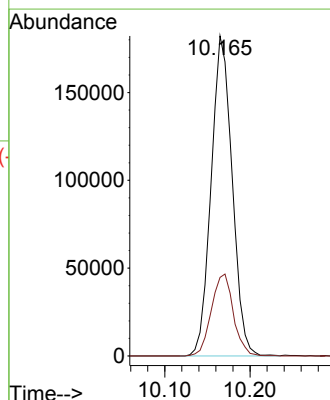
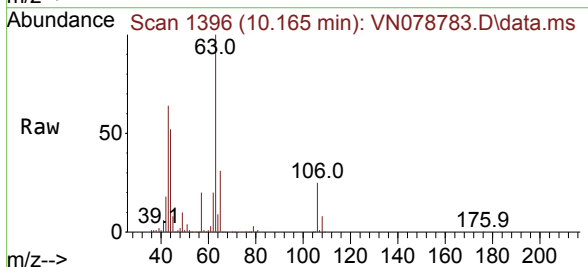
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

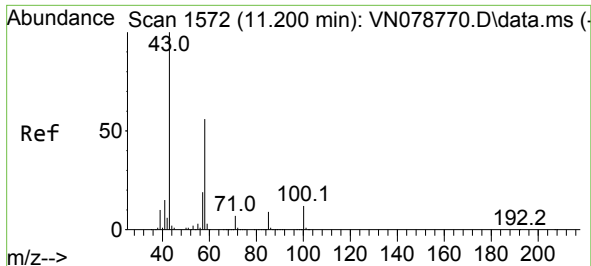
Tgt Ion: 76 Resp: 193644
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 264.613 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 63 Resp: 312575
Ion Ratio Lower Upper
63 100
106 26.8 26.2 39.4

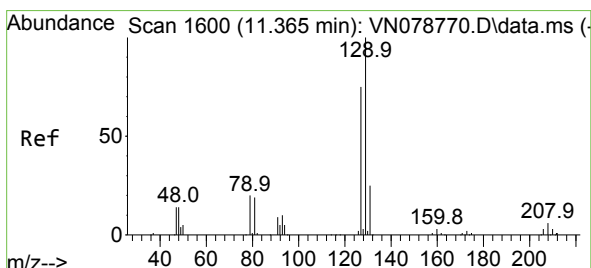
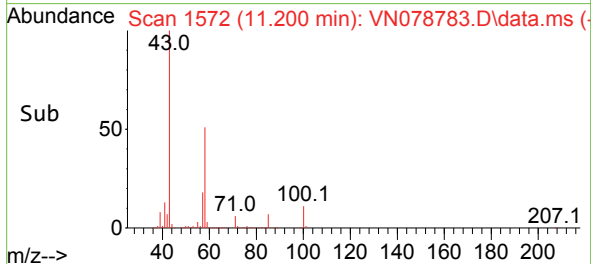
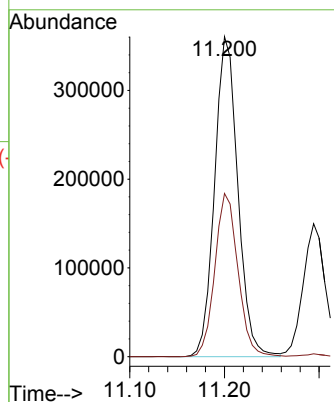
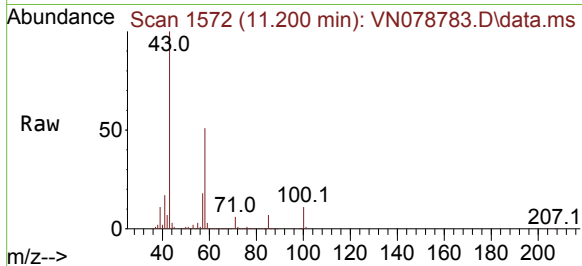




#59
2-Hexanone
Concen: 256.098 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

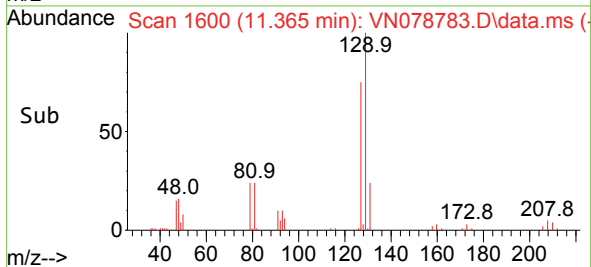
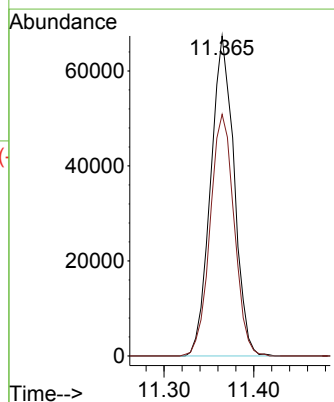
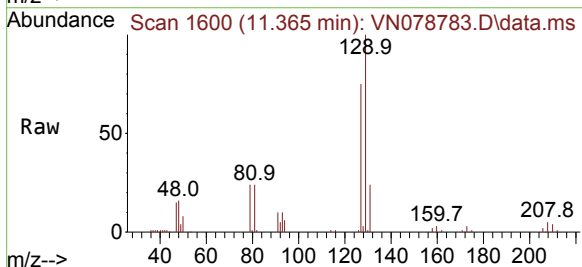
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

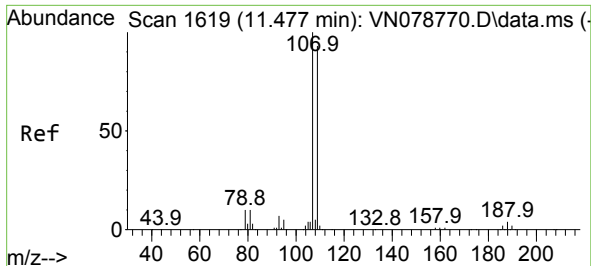
Tgt Ion: 43 Resp: 615294
Ion Ratio Lower Upper
43 100
58 50.7 31.7 95.1



#60
Dibromochloromethane
Concen: 51.237 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 129 Resp: 122017
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

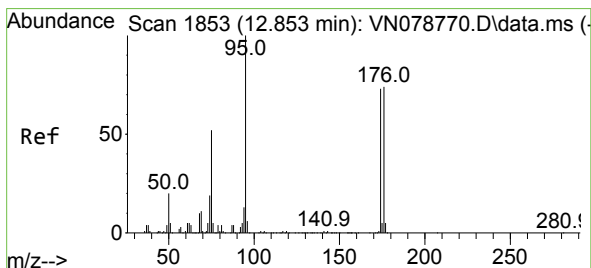
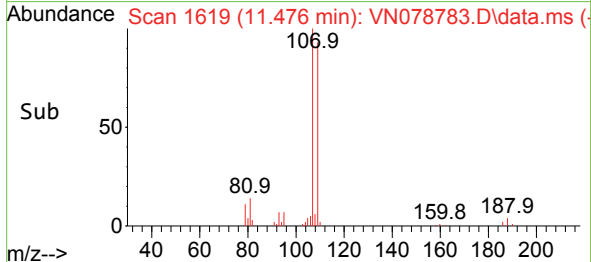
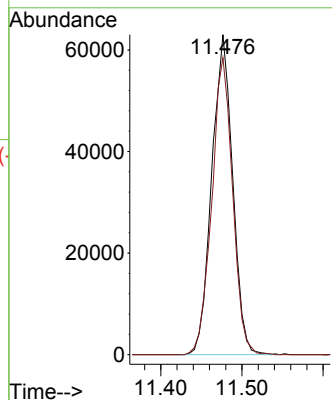
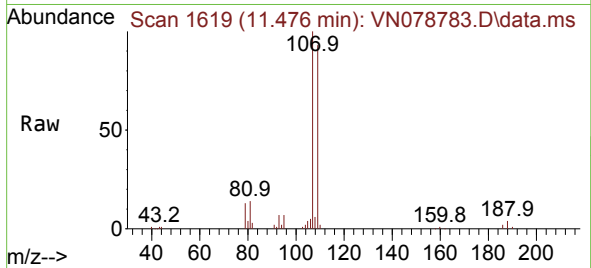




#61
1,2-Dibromoethane
Concen: 50.065 ug/l
RT: 11.476 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

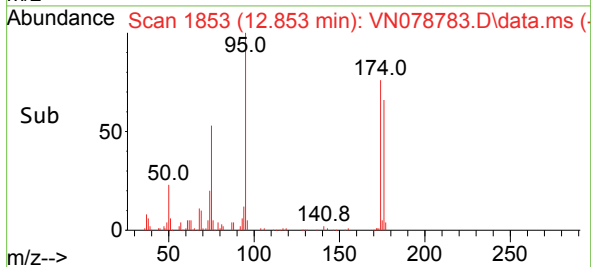
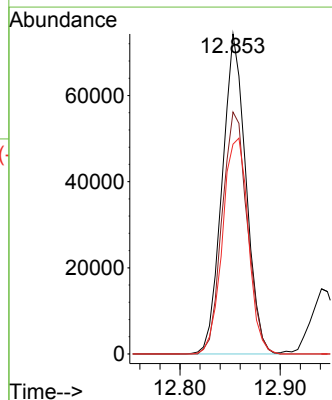
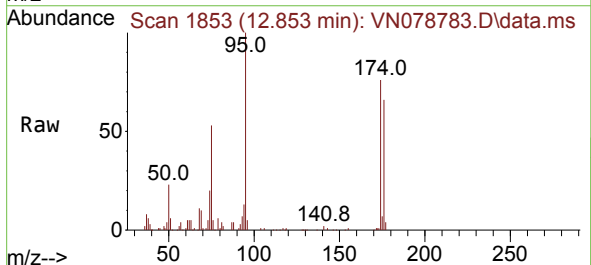
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

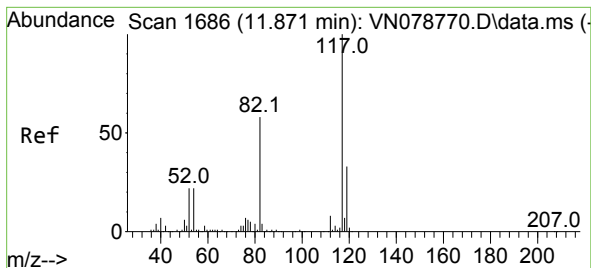
Tgt Ion:107 Resp: 112515
Ion Ratio Lower Upper
107 100
109 92.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 55.808 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 95 Resp: 122257
Ion Ratio Lower Upper
95 100
174 79.8 0.0 143.8
176 73.0 0.0 135.8

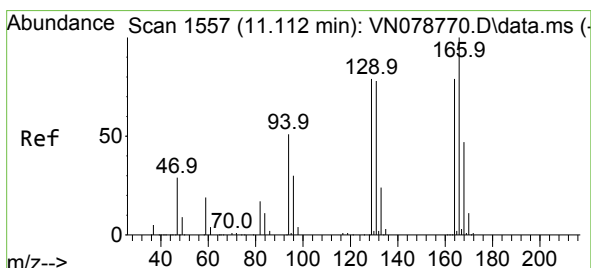
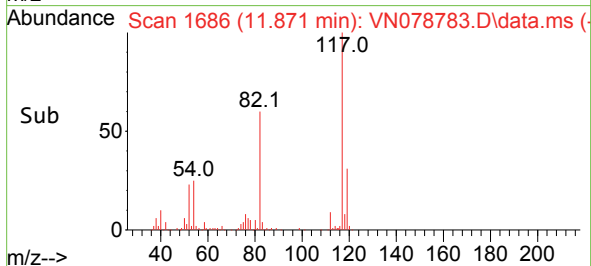
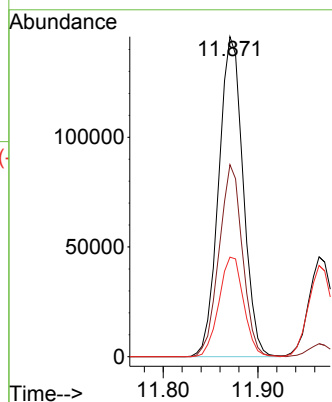
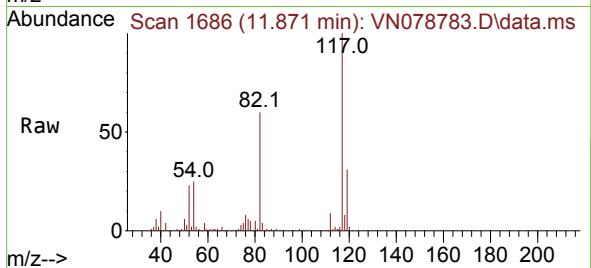




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

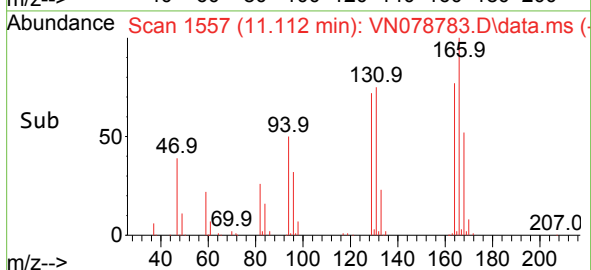
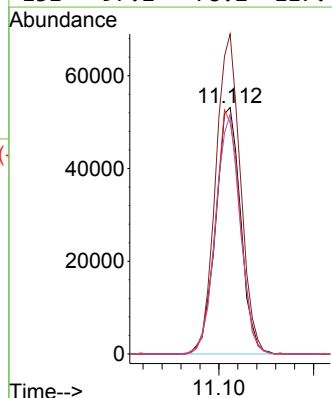
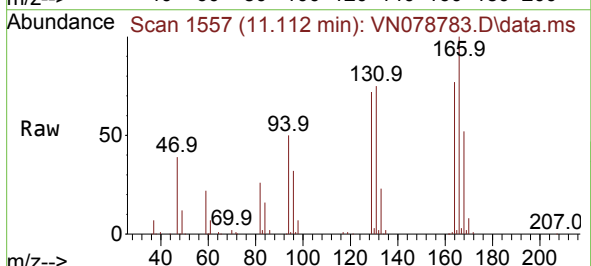
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

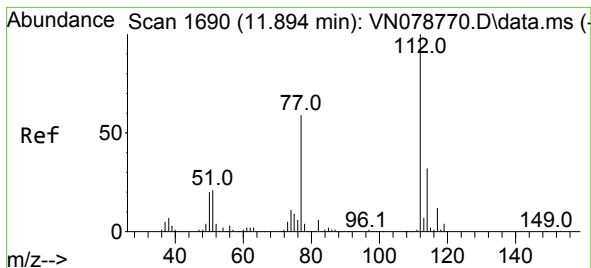
Tgt Ion:117 Resp: 261287
Ion Ratio Lower Upper
117 100
82 60.0 44.0 66.0
119 31.1 25.6 38.4



#64
Tetrachloroethene
Concen: 48.178 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion:164 Resp: 96993
Ion Ratio Lower Upper
164 100
166 129.9 101.4 152.0
129 93.9 82.4 123.6
131 97.2 78.2 117.4

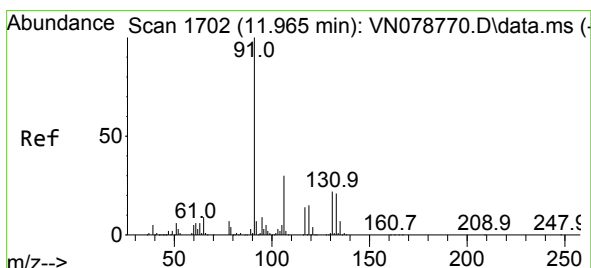
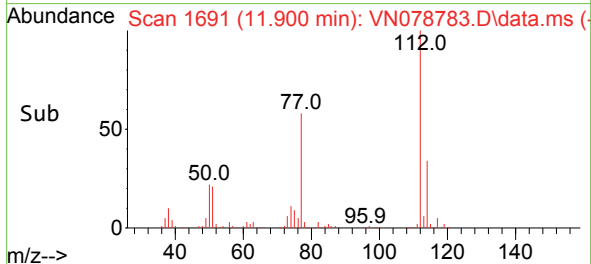
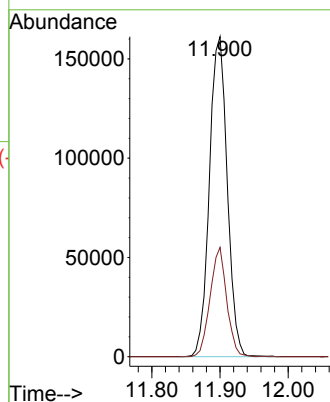
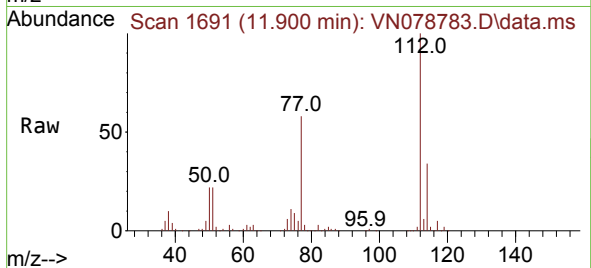




#65
Chlorobenzene
Concen: 49.359 ug/l
RT: 11.900 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

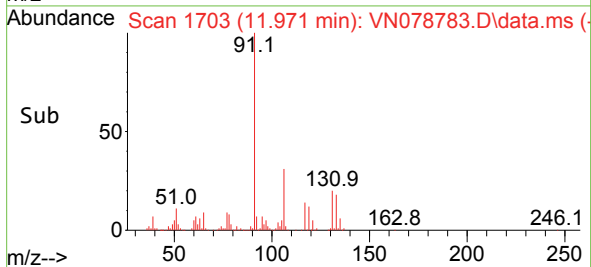
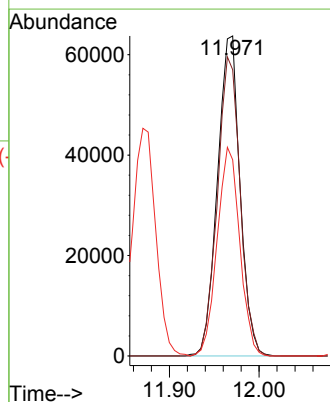
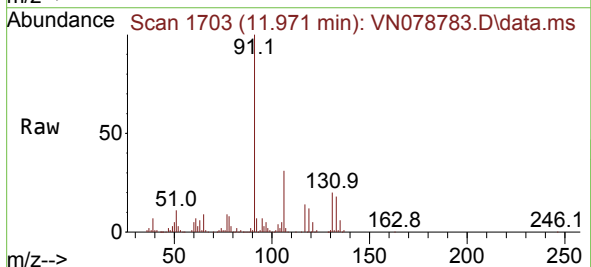
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

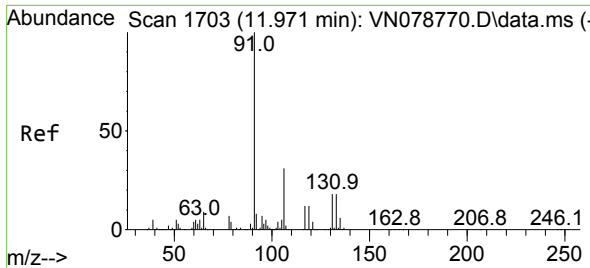
Tgt Ion:112 Resp: 293706
Ion Ratio Lower Upper
112 100
114 34.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.265 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion:131 Resp: 111234
Ion Ratio Lower Upper
131 100
133 94.6 46.4 139.1
119 65.4 34.1 102.2

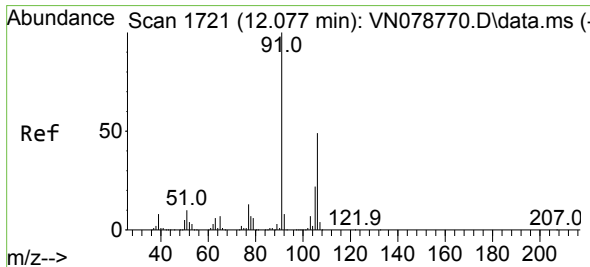
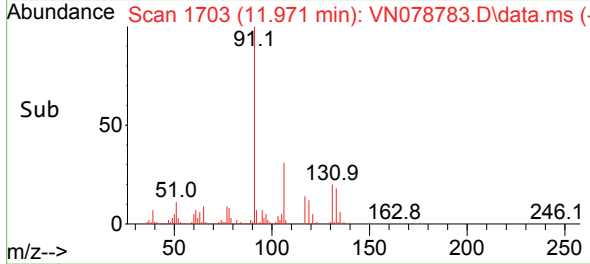
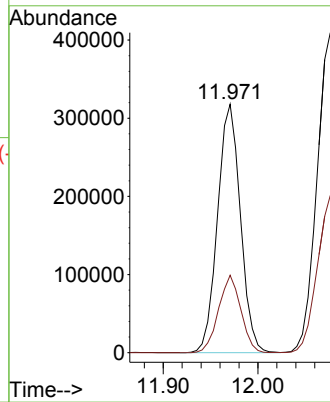
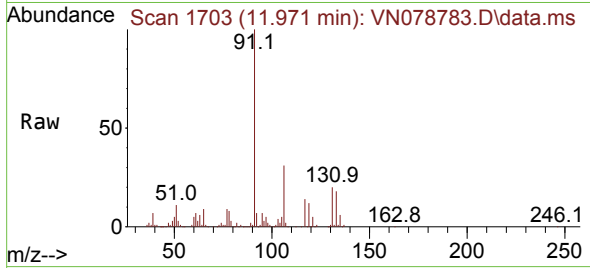




#67
Ethyl Benzene
Concen: 50.264 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

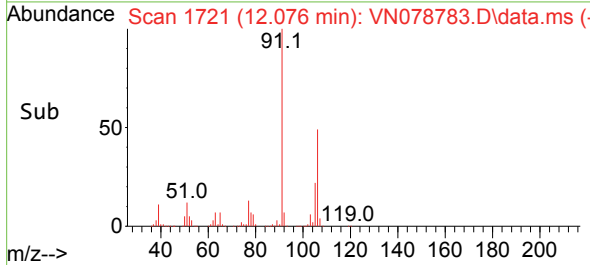
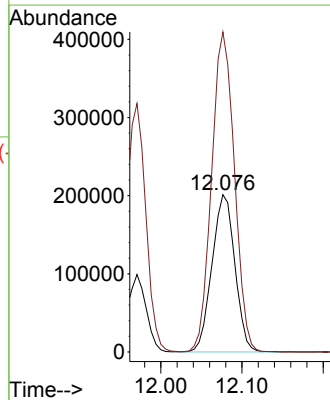
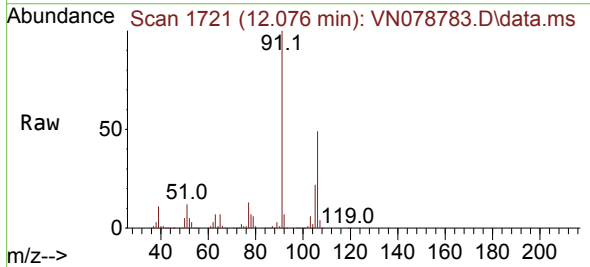
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

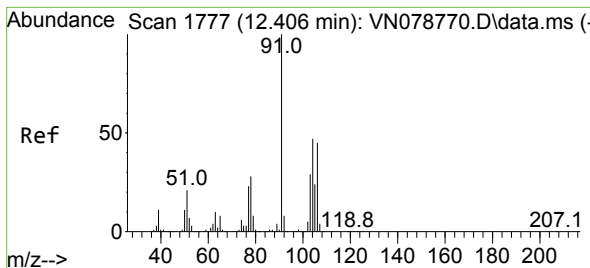
Tgt Ion: 91 Resp: 532742
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 100.879 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.001 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 106 Resp: 394463
Ion Ratio Lower Upper
106 100
91 203.0 159.6 239.4

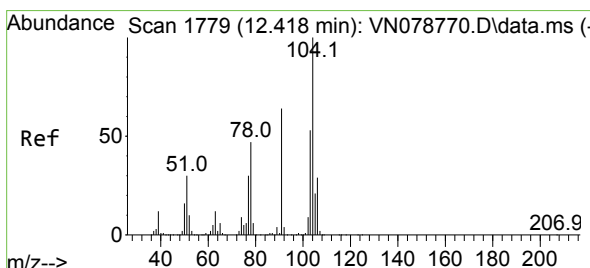
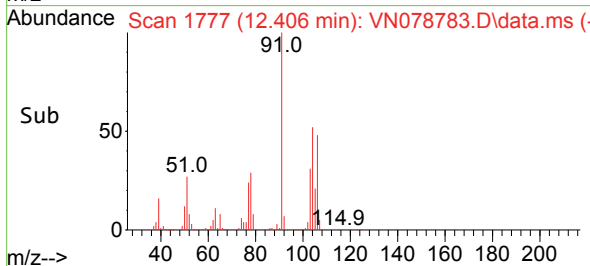
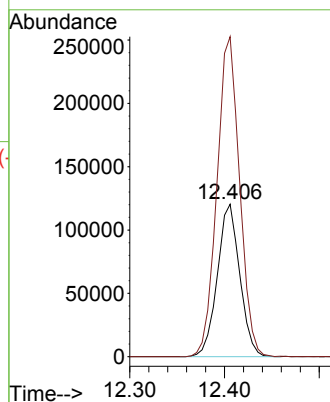
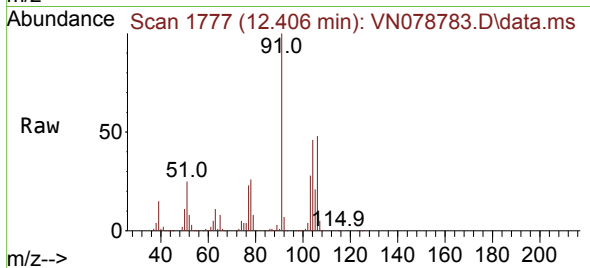




#69
o-Xylene
Concen: 51.558 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

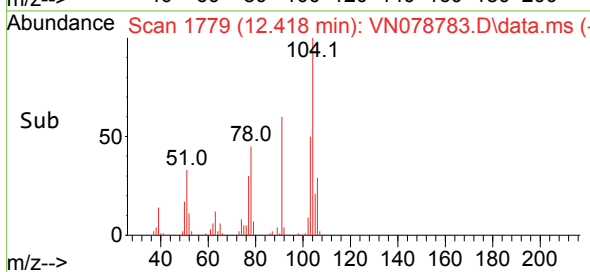
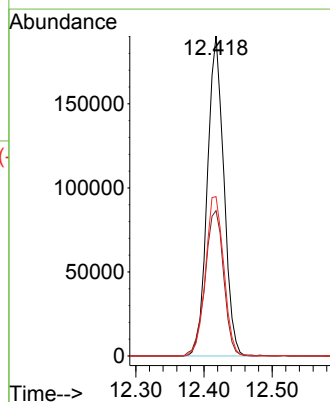
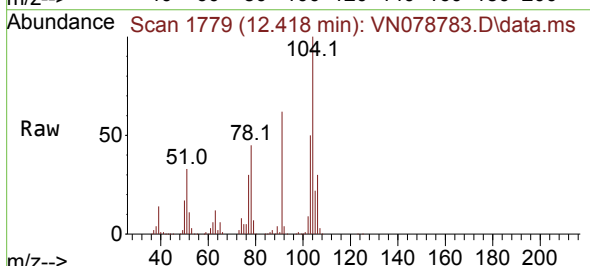
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

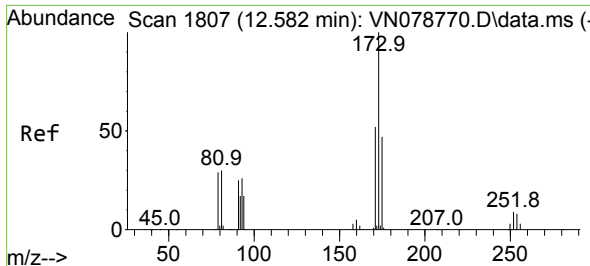
Tgt Ion:106 Resp: 197902
Ion Ratio Lower Upper
106 100
91 212.2 105.2 315.5



#70
Styrene
Concen: 53.233 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion:104 Resp: 320684
Ion Ratio Lower Upper
104 100
78 51.0 39.5 59.3
103 55.1 43.2 64.8

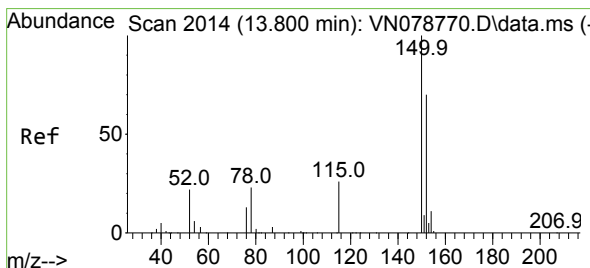
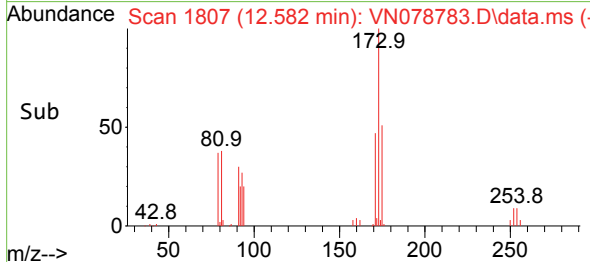
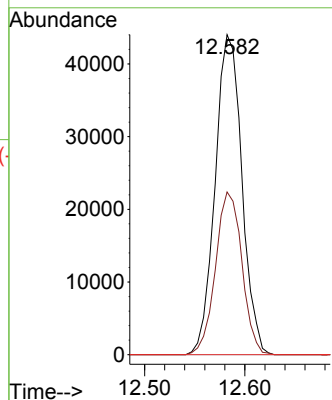
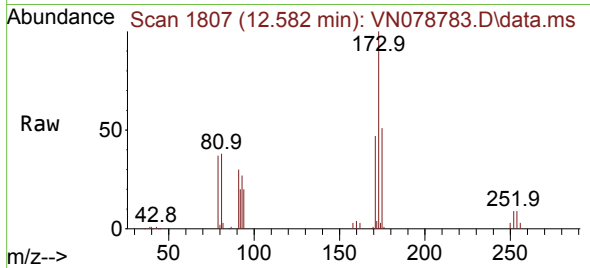




#71
Bromoform
Concen: 50.781 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

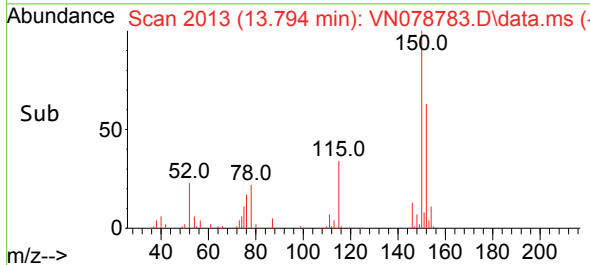
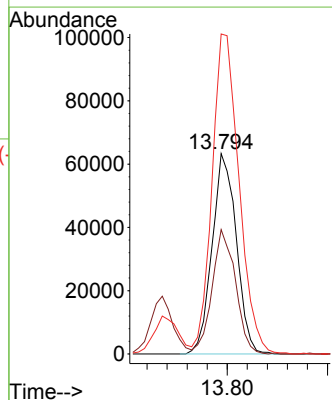
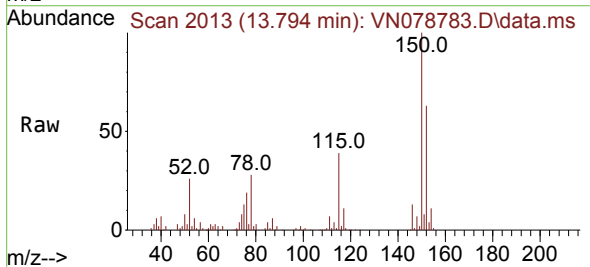
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

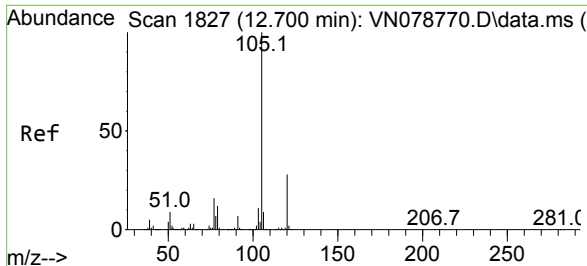
Tgt Ion:173 Resp: 81628
Ion Ratio Lower Upper
173 100
175 50.2 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion:152 Resp: 106281
Ion Ratio Lower Upper
152 100
115 59.9 32.3 96.8
150 177.4 0.0 355.8

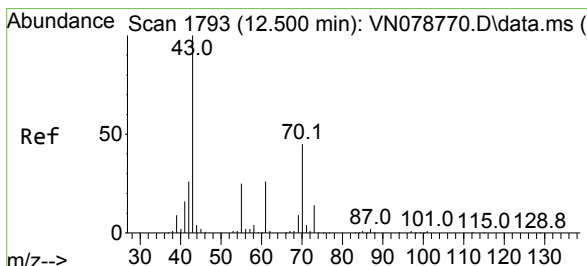
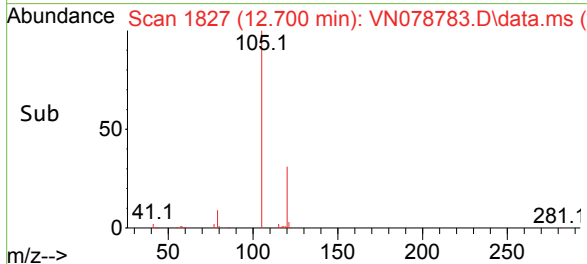
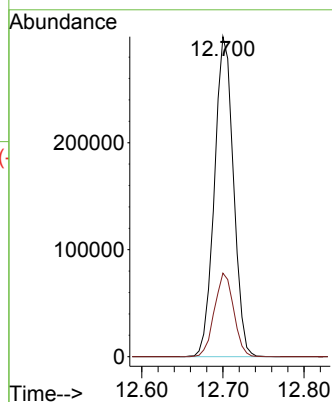
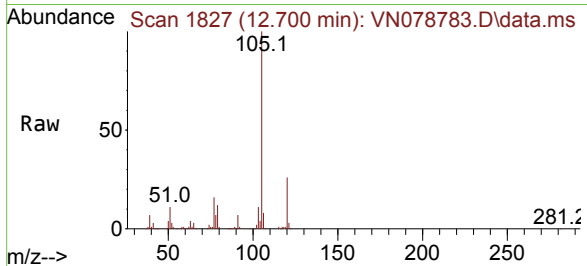




#73
Isopropylbenzene
Concen: 46.610 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

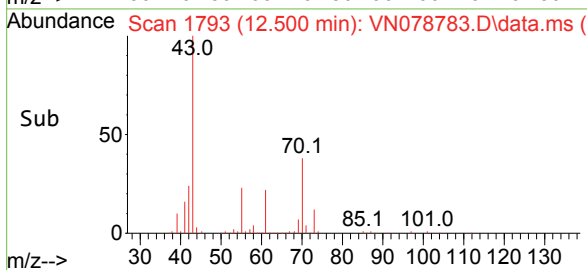
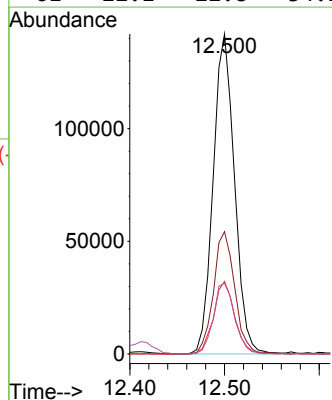
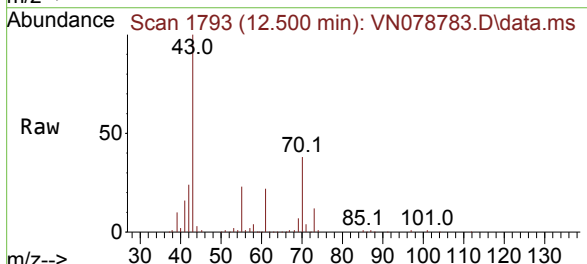
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

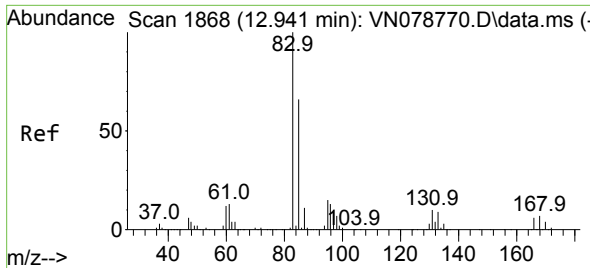
Tgt Ion:105 Resp: 487545
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#74
N-ethyl acetate
Concen: 46.808 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 43 Resp: 222102
Ion Ratio Lower Upper
43 100
70 38.0 43.4 65.2#
55 22.5 21.4 32.0
61 22.1 22.8 34.2#

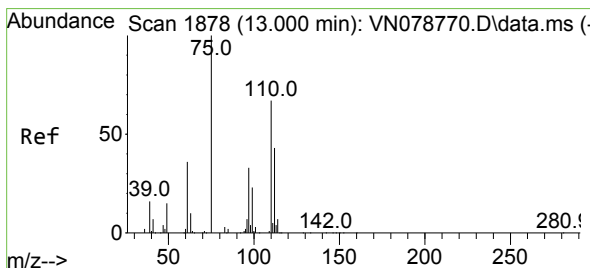
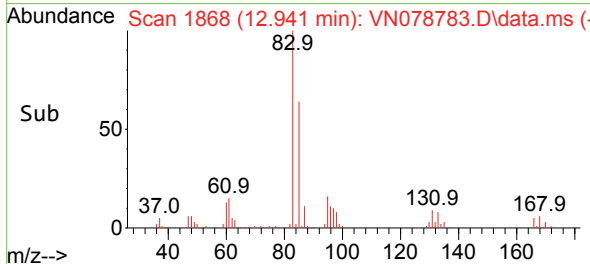
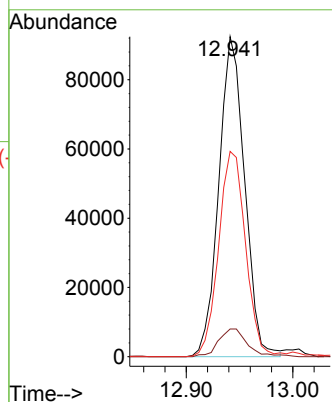
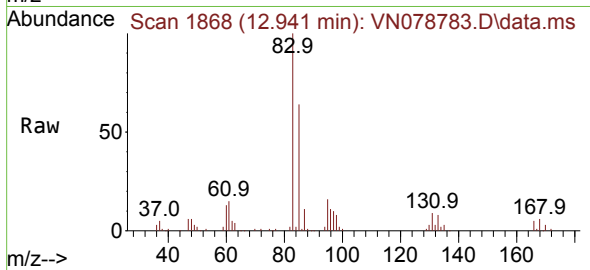




#75
 1,1,2,2-Tetrachloroethane
 Concen: 43.747 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN078783.D
 Acq: 07 Aug 2023 18:52

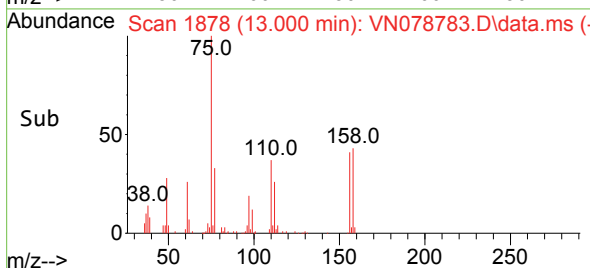
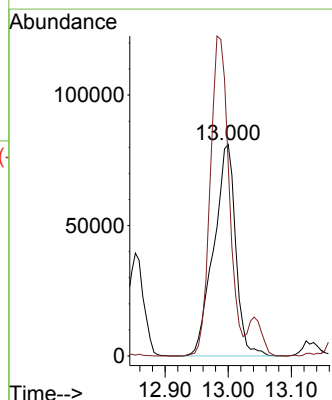
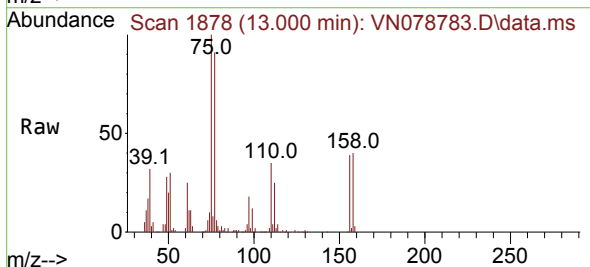
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

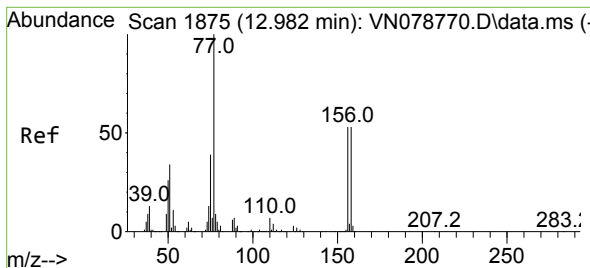
Tgt Ion: 83 Resp: 155513
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 15.0
 85 67.1 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 68.307 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN078783.D
 Acq: 07 Aug 2023 18:52

Tgt Ion: 75 Resp: 196280
 Ion Ratio Lower Upper
 75 100
 77 128.4 84.5 253.5





#77

Bromobenzene

Concen: 46.138 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN078783.D

Acq: 07 Aug 2023 18:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

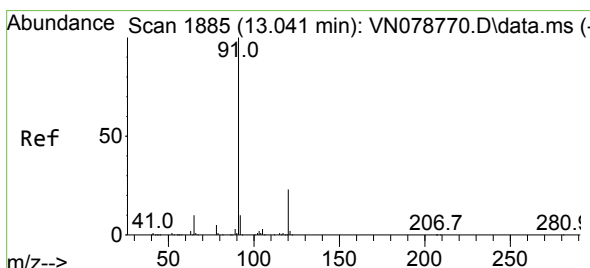
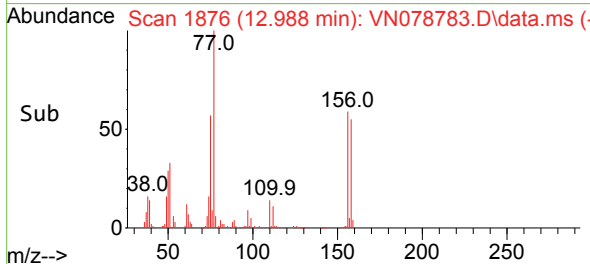
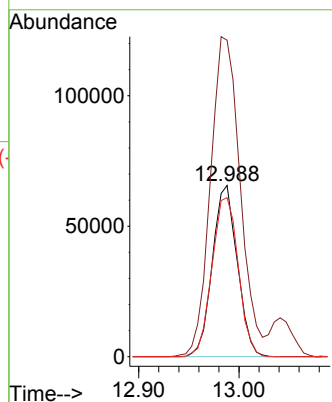
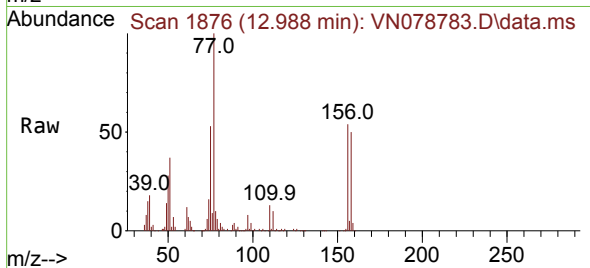
Tgt Ion:156 Resp: 113238

Ion Ratio Lower Upper

156 100

77 222.6 107.7 323.3

158 98.3 48.4 145.3



#78

n-propylbenzene

Concen: 47.687 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078783.D

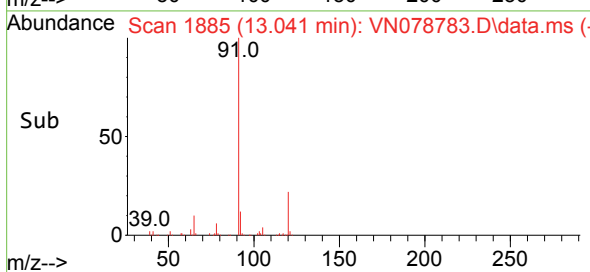
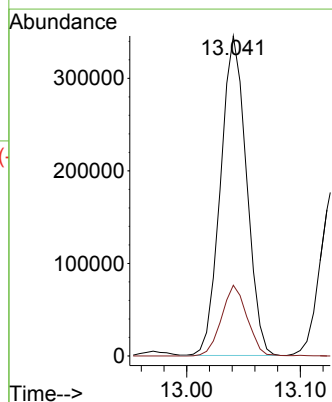
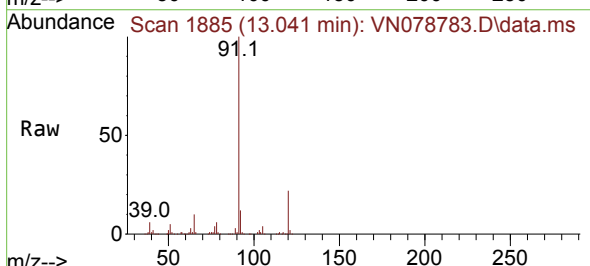
Acq: 07 Aug 2023 18:52

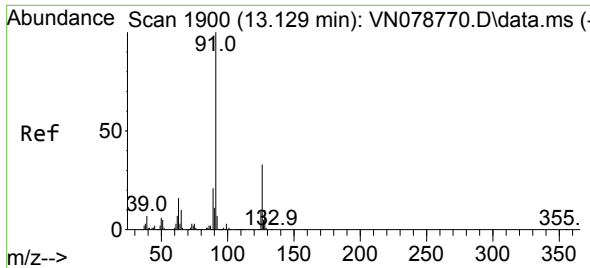
Tgt Ion: 91 Resp: 548247

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4

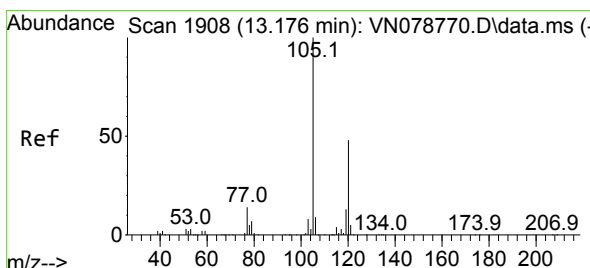
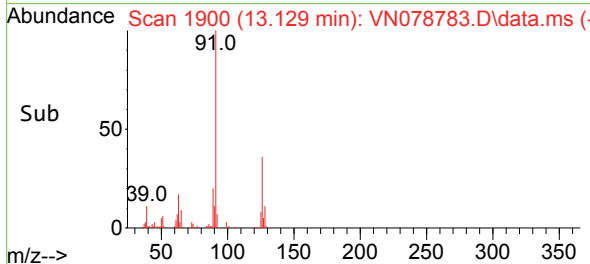
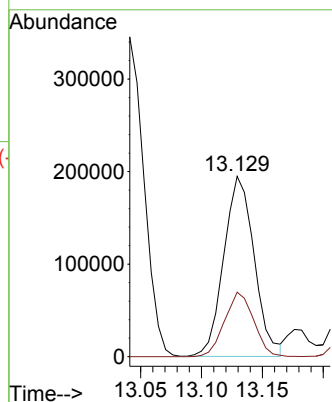
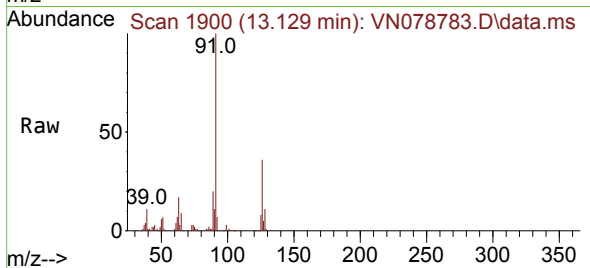




#79
2-Chlorotoluene
Concen: 45.904 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

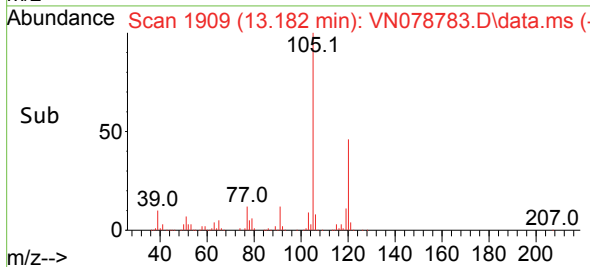
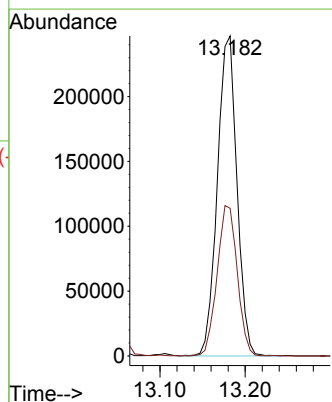
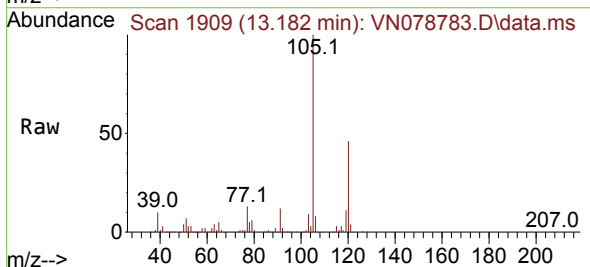
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

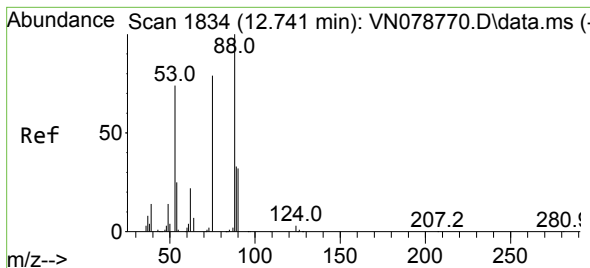
Tgt Ion: 91 Resp: 339053
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 47.012 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 105 Resp: 393933
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3

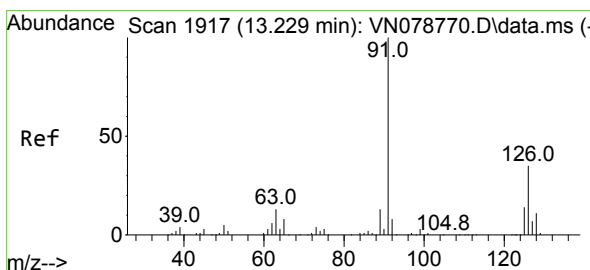
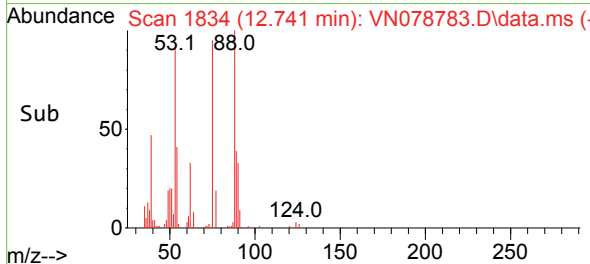
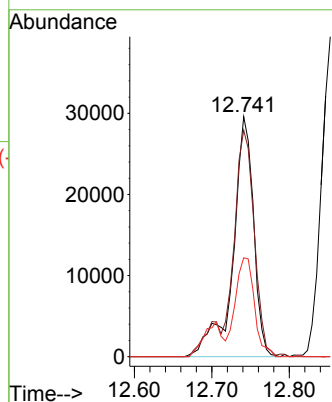
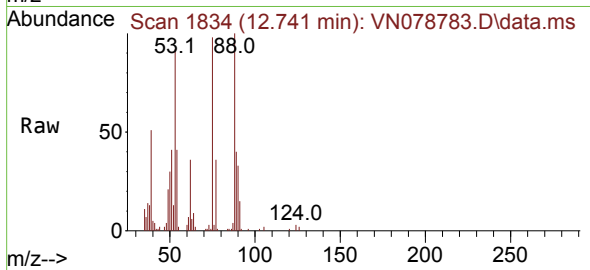




#81
trans-1,4-Dichloro-2-butene
Concen: 51.104 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

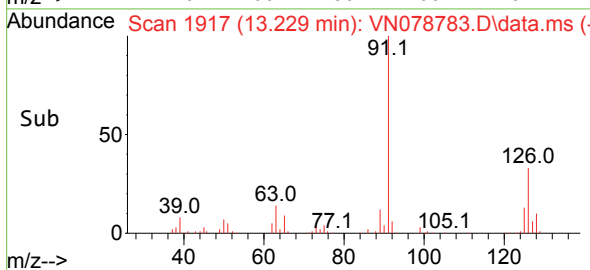
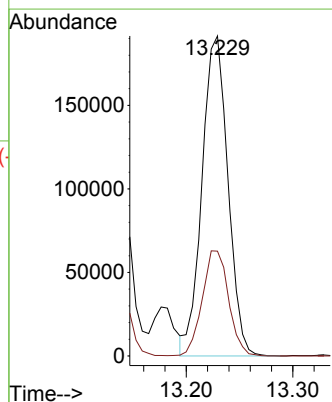
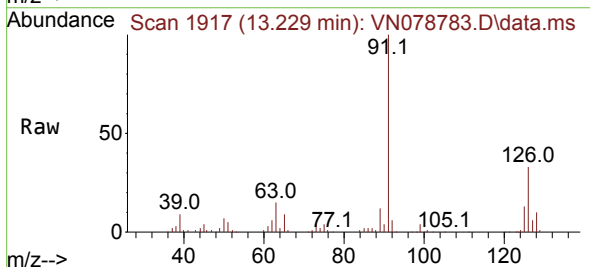
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

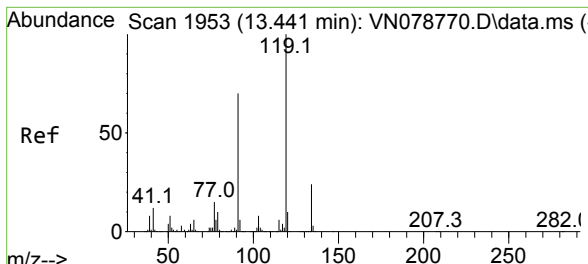
Tgt Ion: 75 Resp: 54725
Ion Ratio Lower Upper
75 100
53 102.7 67.4 101.2#
89 38.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 47.992 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion: 91 Resp: 324284
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0

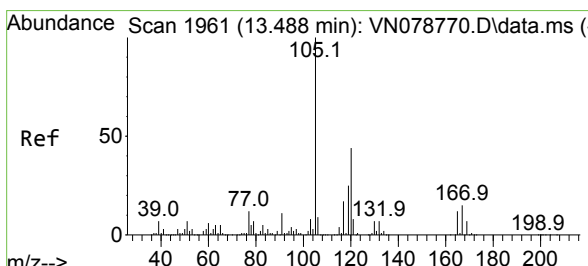
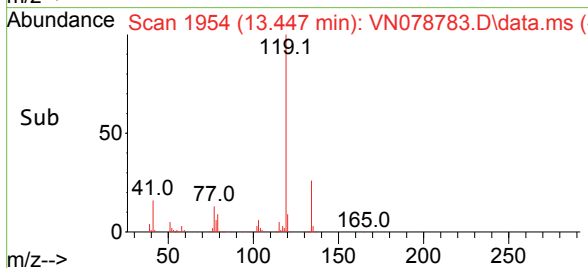
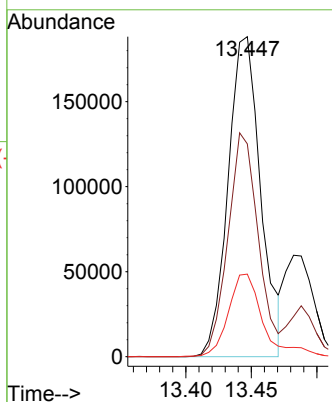
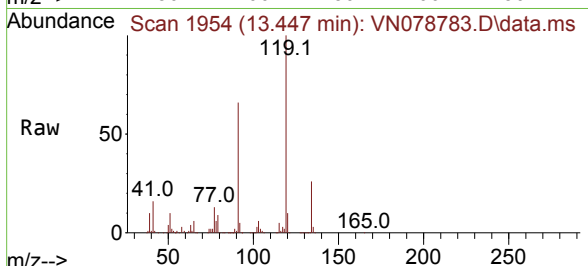




#83
 tert-Butylbenzene
 Concen: 46.752 ug/l
 RT: 13.447 min Scan# 1954
 Delta R.T. 0.006 min
 Lab File: VN078783.D
 Acq: 07 Aug 2023 18:52

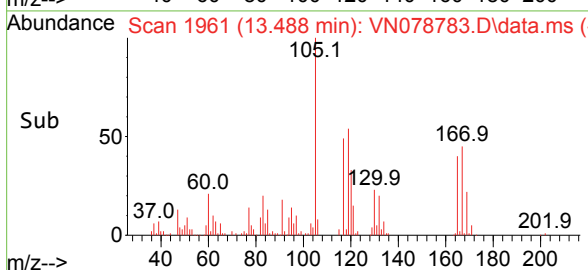
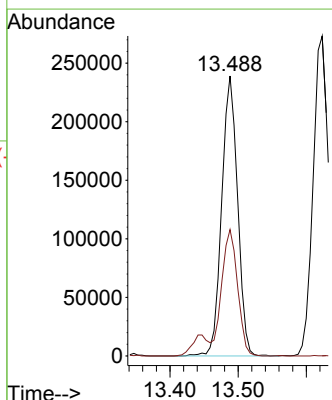
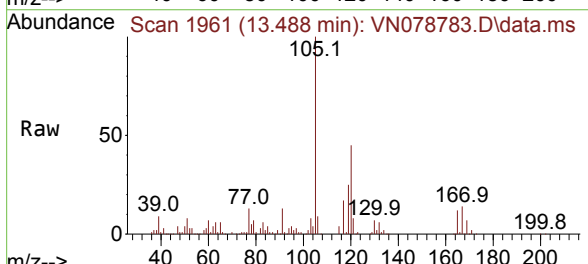
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

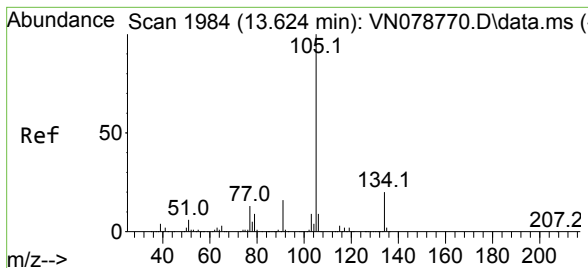
Tgt Ion:	119	Resp:	326283
Ion Ratio	Lower	Upper	
119	100		
91	65.1	33.9	101.7
134	27.4	13.2	39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 48.100 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN078783.D
 Acq: 07 Aug 2023 18:52

Tgt Ion:	105	Resp:	387357
Ion Ratio	Lower	Upper	
105	100		
120	45.4	22.0	66.0





#85

sec-Butylbenzene

Concen: 48.118 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN078783.D

Acq: 07 Aug 2023 18:52

Instrument :

MSVOA_N

ClientSampleId :

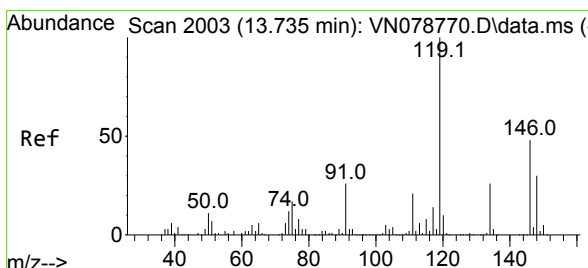
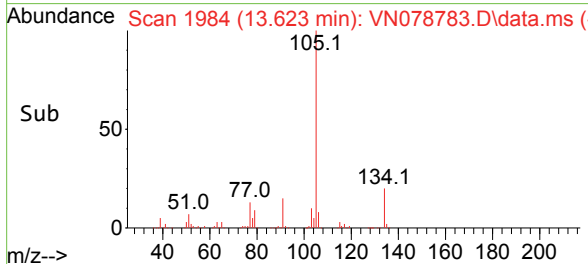
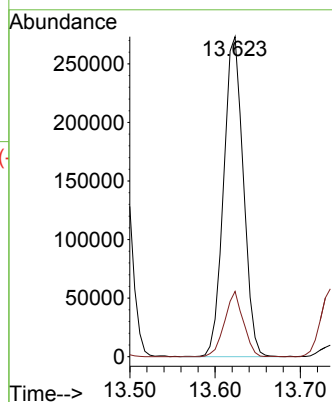
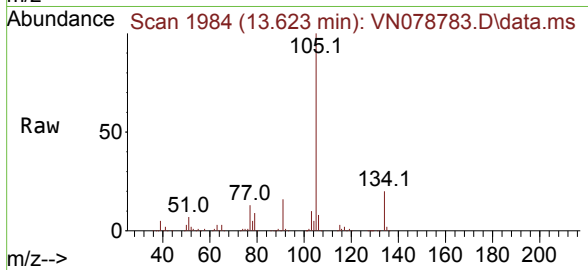
VSTDICCC050

Tgt Ion:105 Resp: 439101

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.3



#86

p-Isopropyltoluene

Concen: 48.829 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN078783.D

Acq: 07 Aug 2023 18:52

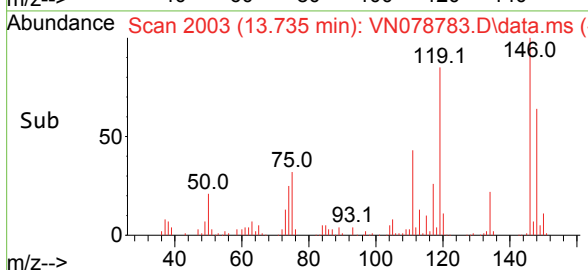
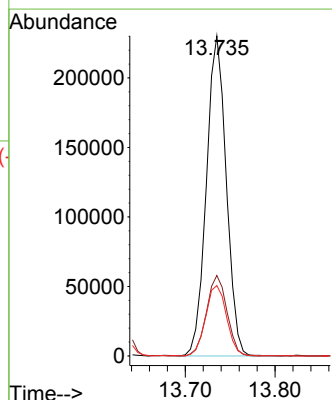
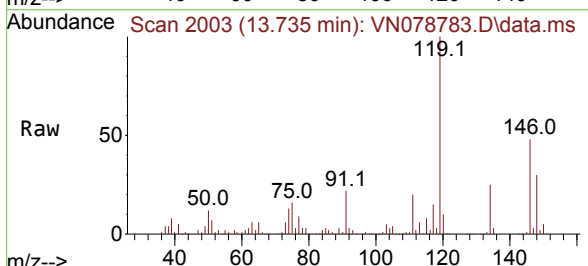
Tgt Ion:119 Resp: 354313

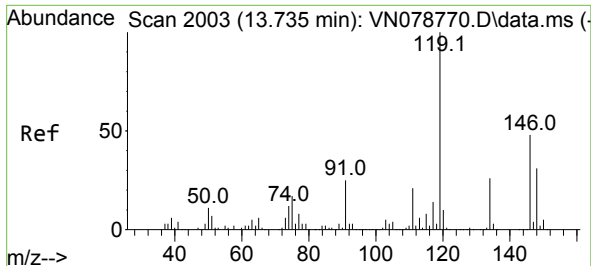
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 23.2 12.4 37.2

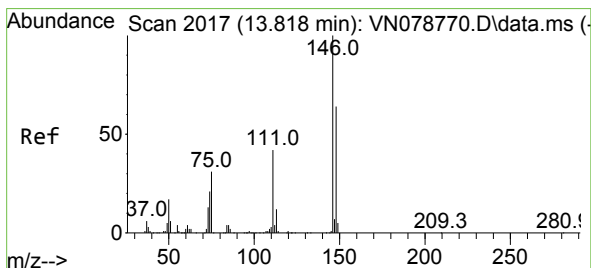
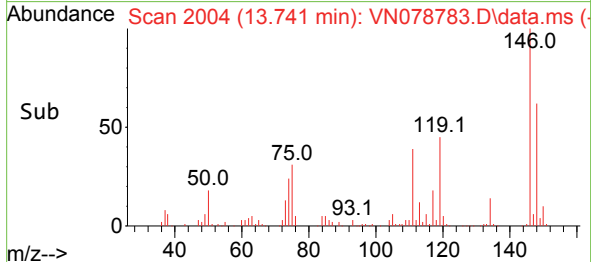
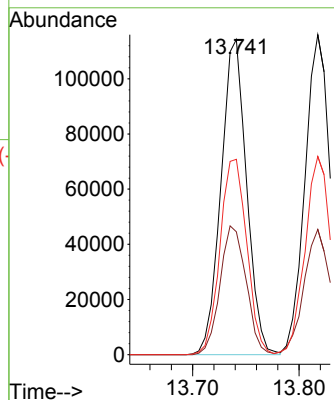
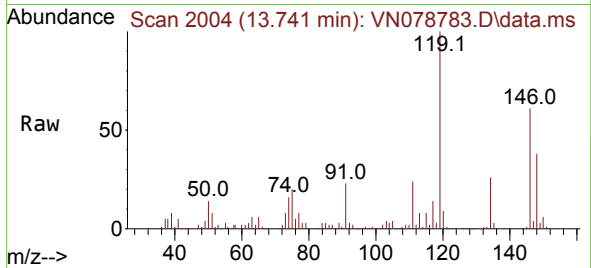




#87
1,3-Dichlorobenzene
Concen: 48.725 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

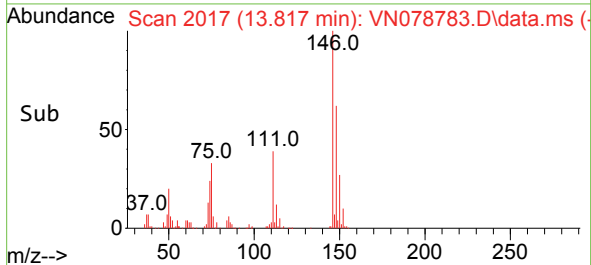
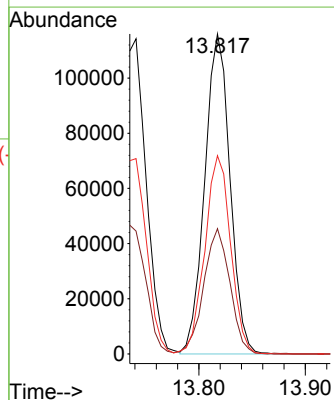
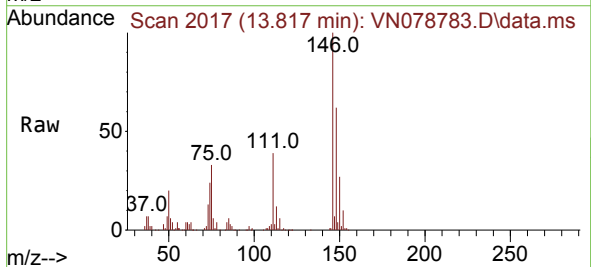
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

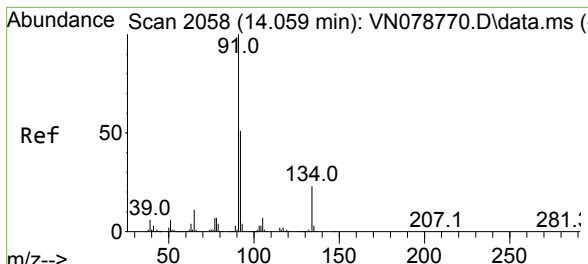
Tgt Ion:146 Resp: 190999
Ion Ratio Lower Upper
146 100
111 41.5 22.1 66.3
148 64.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 49.300 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion:146 Resp: 191566
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.8
148 63.3 31.6 94.8

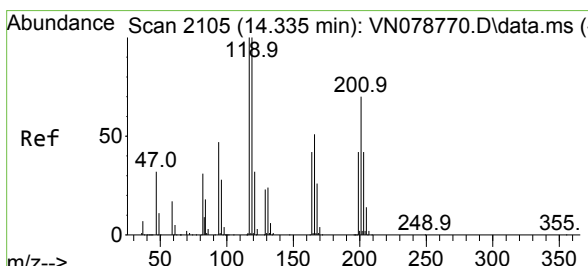
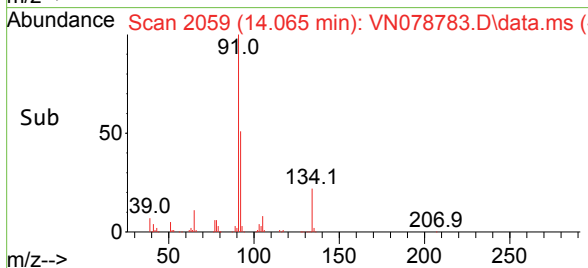
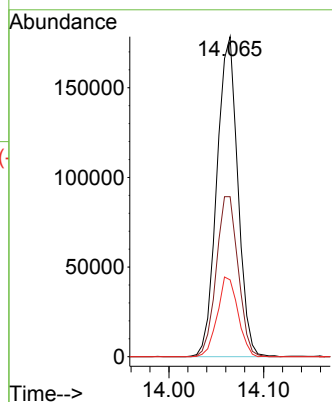
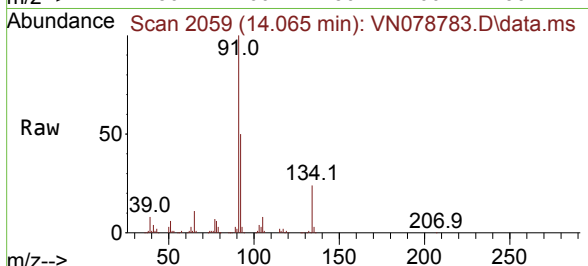




#89
n-Butylbenzene
Concen: 50.443 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

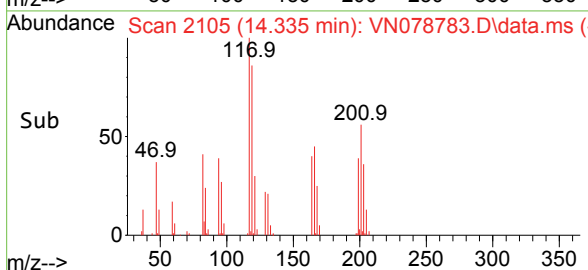
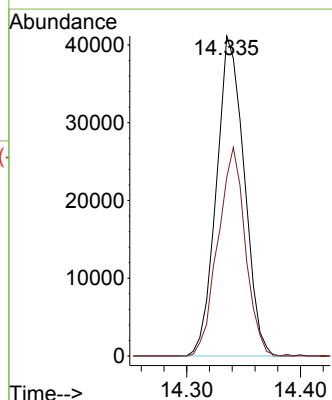
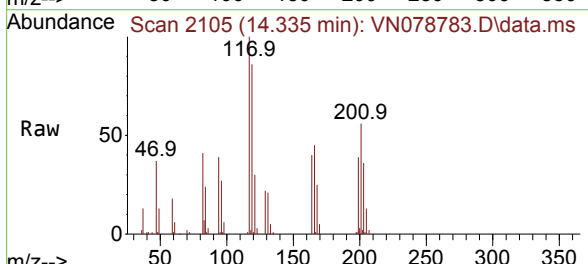
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

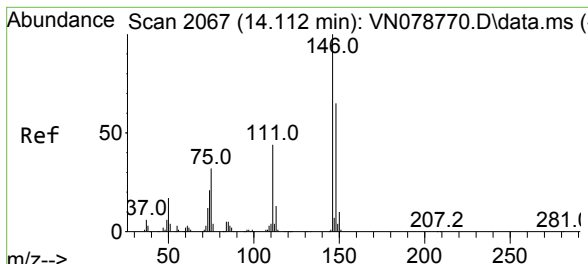
Tgt Ion:	91	Resp:	274635
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.4	79.0
134	24.5	12.6	37.6



#90
Hexachloroethane
Concen: 46.375 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion:	117	Resp:	69744
Ion	Ratio	Lower	Upper
117	100		
201	64.5	29.3	88.0

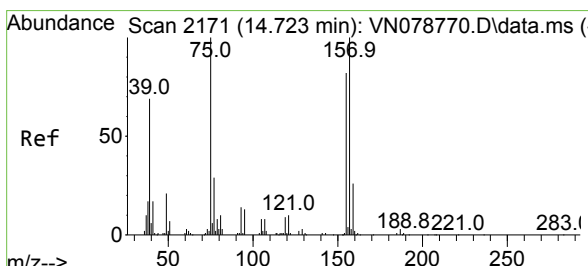
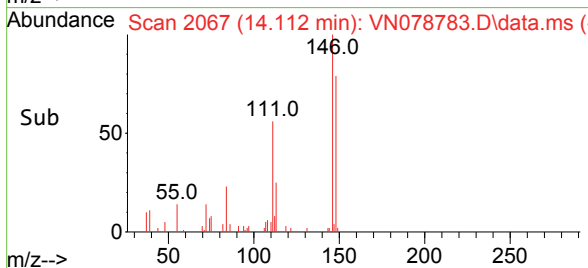
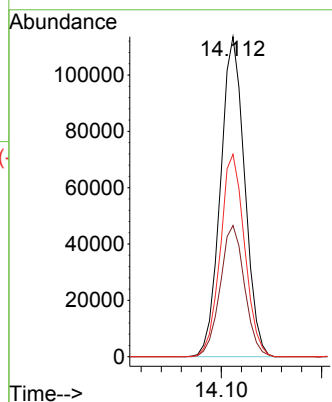
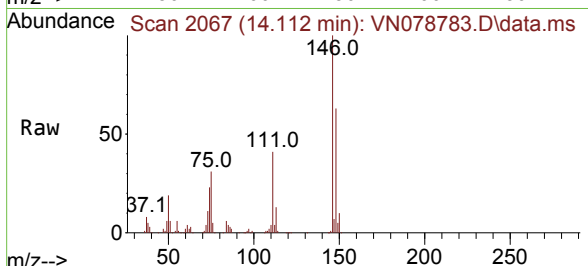




#91
 1,2-Dichlorobenzene
 Concen: 50.270 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN078783.D
 Acq: 07 Aug 2023 18:52

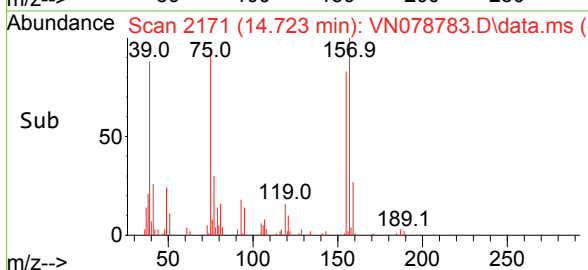
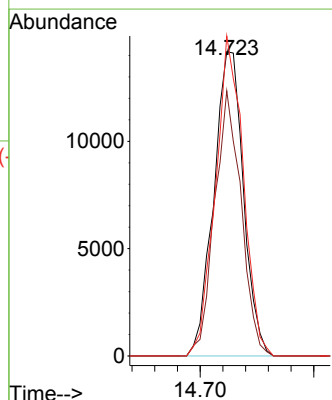
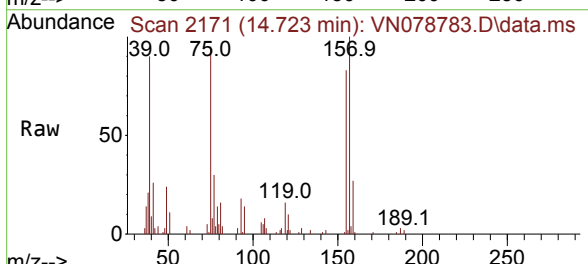
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

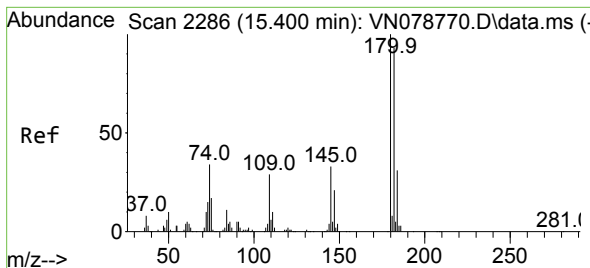
Tgt Ion:	146	Resp:	189832
Ion	Ratio	Lower	Upper
146	100		
111	41.4	22.0	66.0
148	63.7	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.172 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN078783.D
 Acq: 07 Aug 2023 18:52

Tgt Ion:	75	Resp:	25722
Ion	Ratio	Lower	Upper
75	100		
155	78.1	39.1	117.2
157	98.5	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 56.826 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078783.D

Acq: 07 Aug 2023 18:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

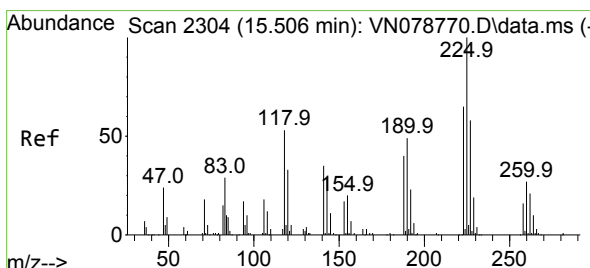
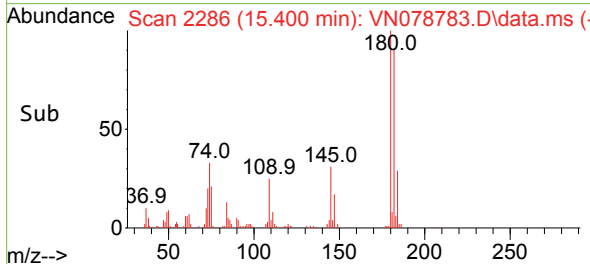
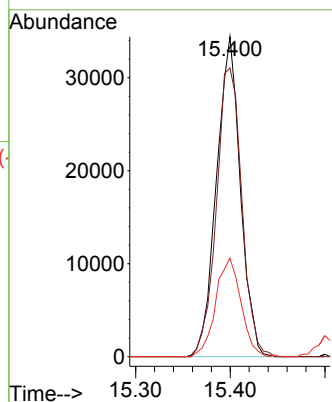
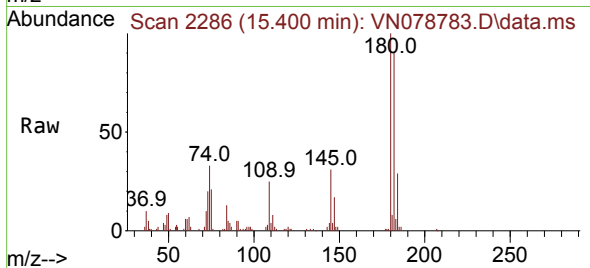
Tgt Ion:180 Resp: 60294

Ion Ratio Lower Upper

180 100

182 96.2 46.1 138.2

145 32.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 54.047 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078783.D

Acq: 07 Aug 2023 18:52

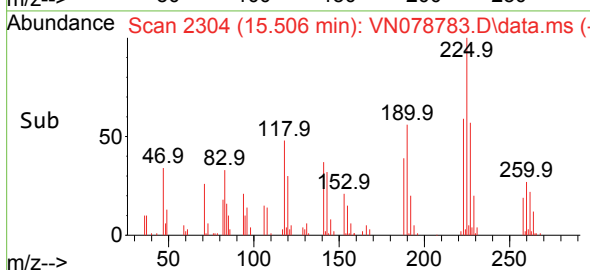
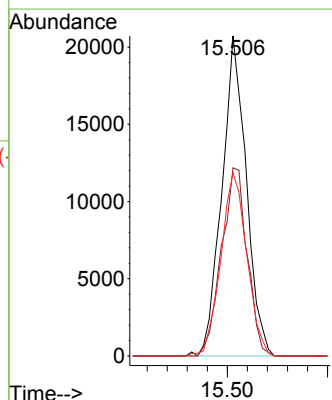
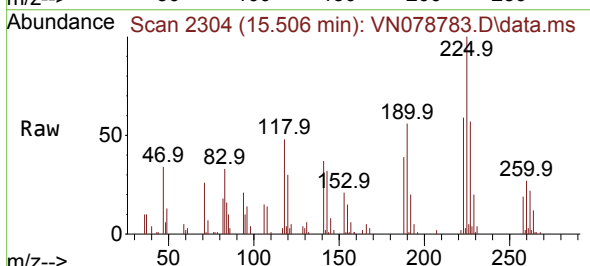
Tgt Ion:225 Resp: 34860

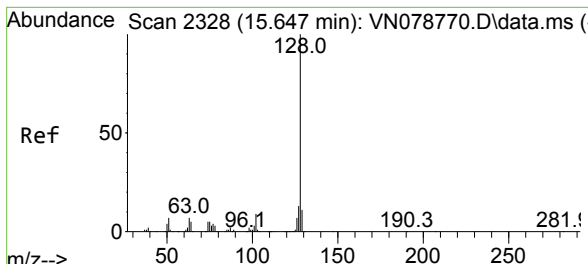
Ion Ratio Lower Upper

225 100

223 62.1 31.3 93.8

227 61.1 31.9 95.9

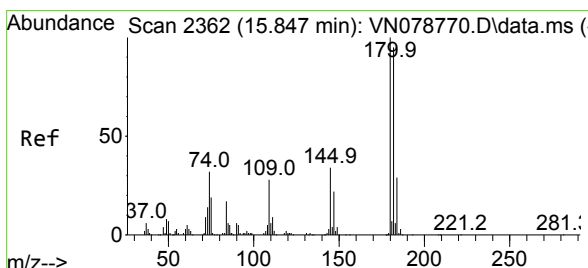
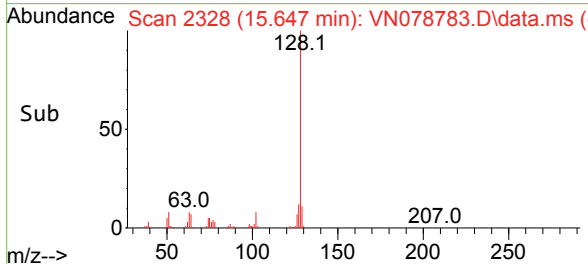
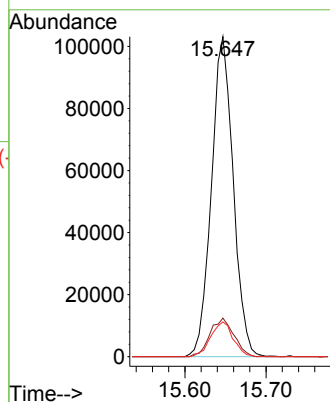
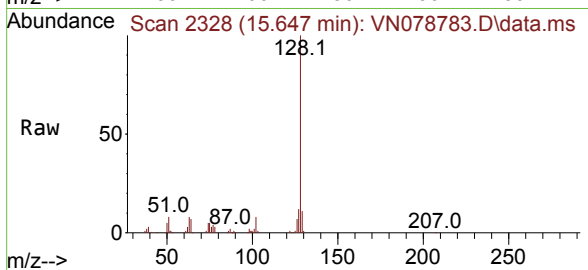




#95
Naphthalene
Concen: 54.296 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 192295
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.477 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078783.D
Acq: 07 Aug 2023 18:52

Tgt Ion:180 Resp: 65038
Ion Ratio Lower Upper
180 100
182 94.5 46.2 138.6
145 34.3 17.5 52.6

