

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079959.D
 Acq On : 07 Nov 2023 12:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 08 04:25:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	331041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	567705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	515166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	286413	56.788	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.580%
35) Dibromofluoromethane	8.171	113	220503	54.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.760%
50) Toluene-d8	10.571	98	821272	55.523	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.040%
62) 4-Bromofluorobenzene	12.853	95	302200	61.602	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	123.200%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	193075	48.420	ug/l	99
3) Chloromethane	2.359	50	225362	45.205	ug/l	99
4) Vinyl Chloride	2.512	62	281870	54.003	ug/l	100
5) Bromomethane	2.936	94	156967	49.495	ug/l	96
6) Chloroethane	3.112	64	173256	42.009	ug/l	100
7) Trichlorofluoromethane	3.495	101	338776	52.184	ug/l	99
8) Diethyl Ether	3.959	74	129233	52.458	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	191590	50.909	ug/l	99
10) Methyl Iodide	4.589	142	227226	52.872	ug/l	99
11) Tert butyl alcohol	5.524	59	179699	279.111	ug/l	98
12) 1,1-Dichloroethene	4.342	96	178907	50.208	ug/l #	82
13) Acrolein	4.183	56	142686	292.927	ug/l	94
14) Allyl chloride	5.024	41	296211	54.275	ug/l	90
15) Acrylonitrile	5.718	53	571249	284.715	ug/l	100
16) Acetone	4.424	43	529354	298.802	ug/l	93
17) Carbon Disulfide	4.706	76	463185	45.064	ug/l	99
18) Methyl Acetate	5.024	43	482763	56.958	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	692112	56.416	ug/l	95
20) Methylene Chloride	5.277	84	219543	49.113	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	199995	50.325	ug/l #	78
22) Diisopropyl ether	6.671	45	730519	57.759	ug/l #	90
23) Vinyl Acetate	6.606	43	2057770	294.961	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	418782	54.477	ug/l	96
25) 2-Butanone	7.483	43	792449	305.465	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	360730	56.740	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	248261	52.224	ug/l	86
28) Bromochloromethane	7.818	49	182041	48.592	ug/l #	76
29) Tetrahydrofuran	7.835	42	506583	300.137	ug/l #	76
30) Chloroform	7.965	83	432428	51.787	ug/l	91
31) Cyclohexane	8.259	56	331135	49.686	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	374066	54.979	ug/l	95
36) 1,1-Dichloropropene	8.371	75	314768	54.866	ug/l	95
37) Ethyl Acetate	7.565	43	316262	60.108	ug/l #	92
38) Carbon Tetrachloride	8.365	117	319248	55.215	ug/l	97
39) Methylcyclohexane	9.606	83	301238	55.795	ug/l #	87
40) Benzene	8.612	78	929678	54.104	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	173356	62.046	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	347589	57.910	ug/l	97
43) Isopropyl Acetate	8.694	43	548586	59.454	ug/l #	89
44) Trichloroethene	9.353	130	219415	51.459	ug/l	95
45) 1,2-Dichloropropane	9.624	63	253949	57.830	ug/l	97
46) Dibromomethane	9.712	93	164253	54.780	ug/l	95
47) Bromodichloromethane	9.894	83	345643	54.052	ug/l	99
48) Methyl methacrylate	9.682	41	258415	63.939	ug/l #	79
49) 1,4-Dioxane	9.700	88	88855	1244.214	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1653737	318.345	ug/l	91
52) Toluene	10.635	92	575230	56.468	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	380331	60.670	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	400939	58.678	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	231931	56.605	ug/l	96
56) Ethyl methacrylate	10.876	69	373782	63.955	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	415660	57.553	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	860068	290.350	ug/l	90
59) 2-Hexanone	11.200	43	1219463	306.860	ug/l	90
60) Dibromochloromethane	11.365	129	248177	56.586	ug/l	100
61) 1,2-Dibromoethane	11.476	107	231024	56.177	ug/l	98
64) Tetrachloroethene	11.106	164	172207	51.613	ug/l	97
65) Chlorobenzene	11.894	112	608925	54.490	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	231045	57.385	ug/l	96
67) Ethyl Benzene	11.965	91	1123967	57.729	ug/l	95
68) m/p-Xylenes	12.076	106	837812	115.516	ug/l	92
69) o-Xylene	12.400	106	407565	58.357	ug/l	91
70) Styrene	12.412	104	687988	61.297	ug/l	97
71) Bromoform	12.582	173	172581	60.365	ug/l #	99
73) Isopropylbenzene	12.700	105	1040007	56.203	ug/l	100
74) N-amyl acetate	12.500	43	461363	57.121	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	352338	53.703	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	454332	79.371	ug/l	68
77) Bromobenzene	12.982	156	248005	54.743	ug/l	93
78) n-propylbenzene	13.041	91	1225582	57.836	ug/l	98
79) 2-Chlorotoluene	13.129	91	763590	56.407	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	843274	58.573	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	113532	53.963	ug/l #	86
82) 4-Chlorotoluene	13.223	91	770767	57.298	ug/l	98
83) tert-Butylbenzene	13.441	119	696142	59.072	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	857461	60.535	ug/l	99
85) sec-Butylbenzene	13.617	105	969354	59.370	ug/l	100
86) p-Isopropyltoluene	13.735	119	804085	60.405	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	453195	53.774	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	447008	52.255	ug/l	98
89) n-Butylbenzene	14.059	91	694122	60.541	ug/l	99
90) Hexachloroethane	14.335	117	147777	56.055	ug/l	87
91) 1,2-Dichlorobenzene	14.112	146	435861	54.785	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	67515	60.682	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	215046	56.846	ug/l	98
94) Hexachlorobutadiene	15.506	225	94991	55.392	ug/l	99
95) Naphthalene	15.647	128	718902	56.038	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	206072	55.573	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

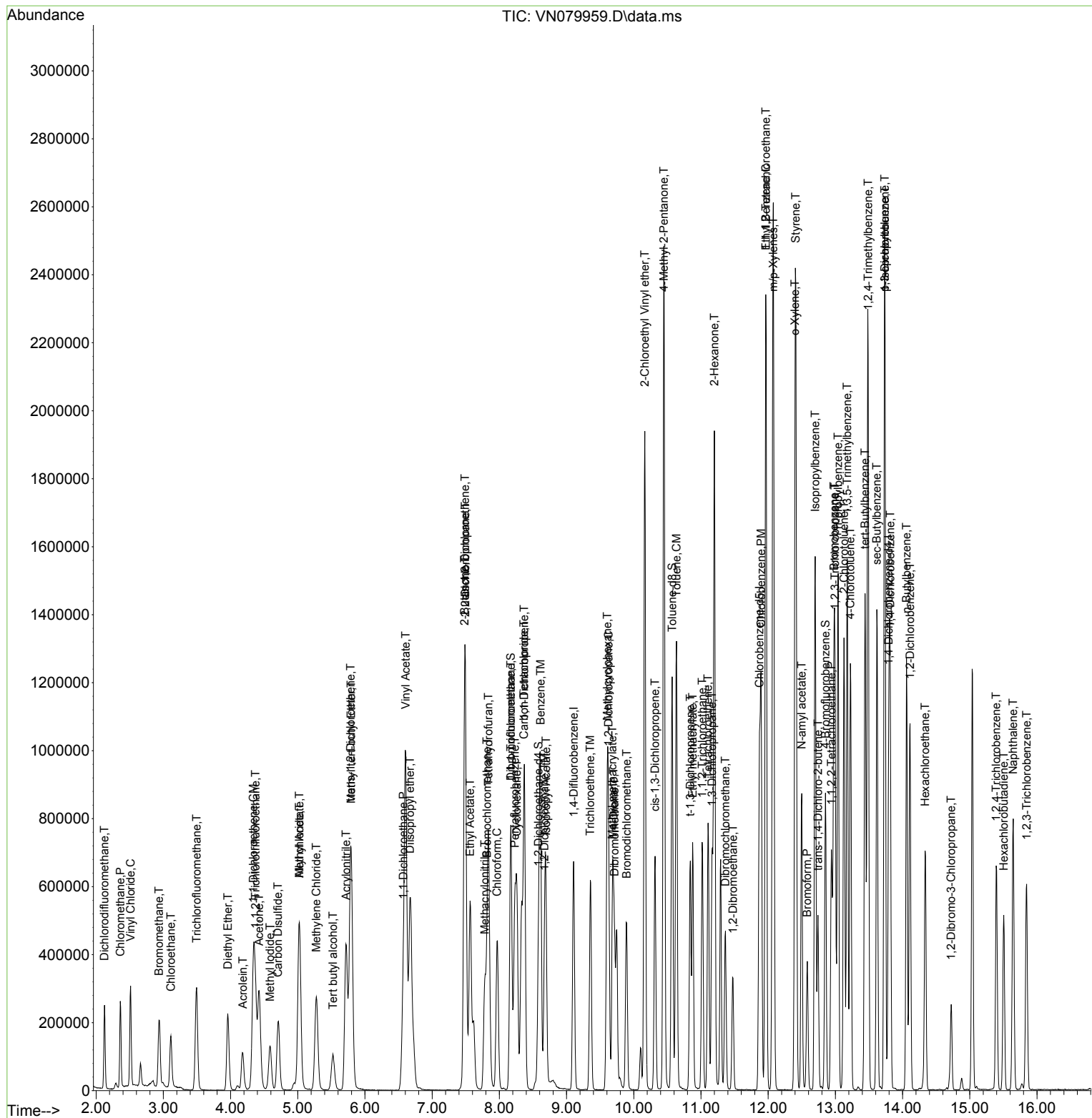
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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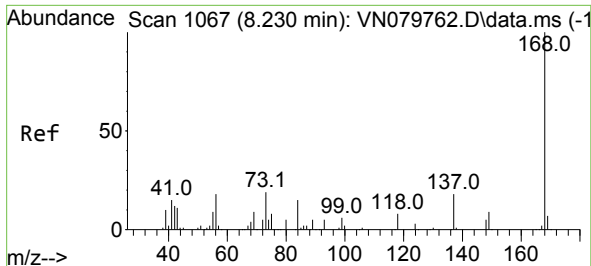
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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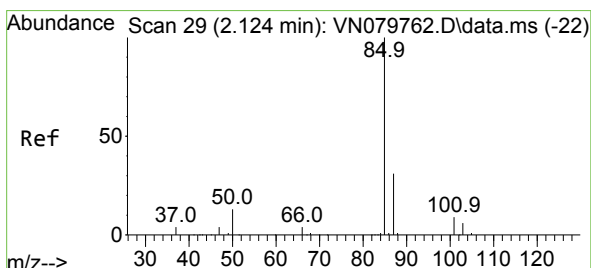
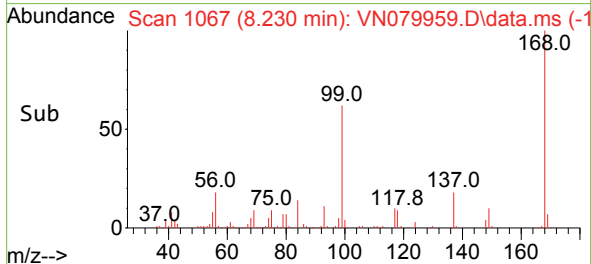
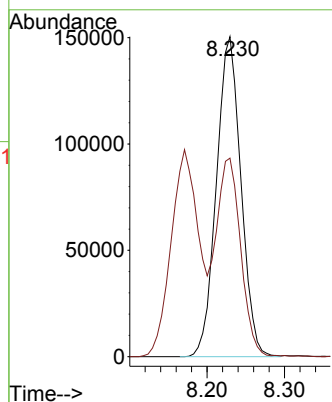
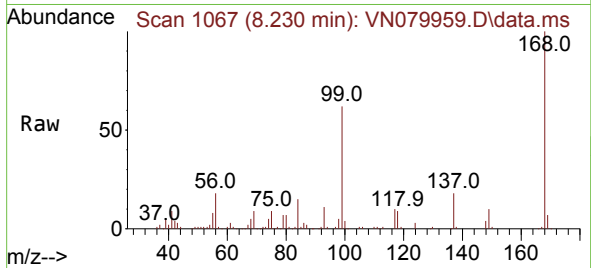




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
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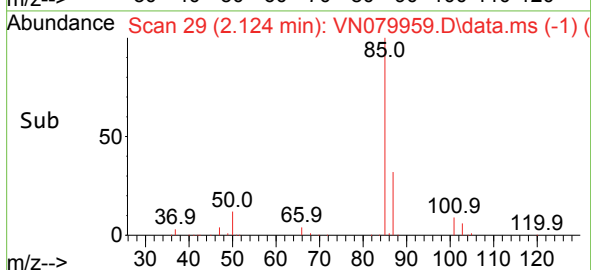
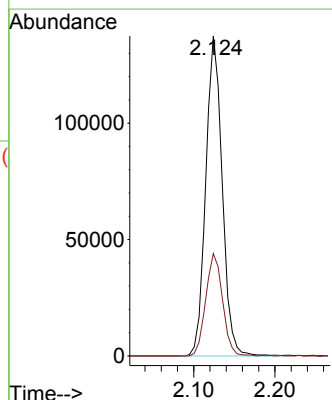
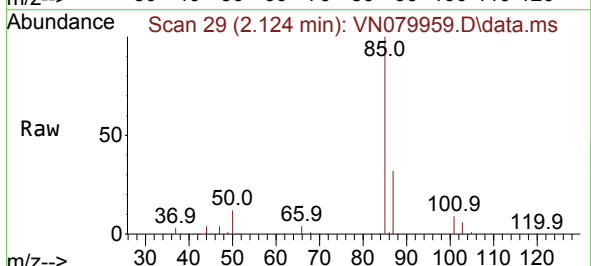
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

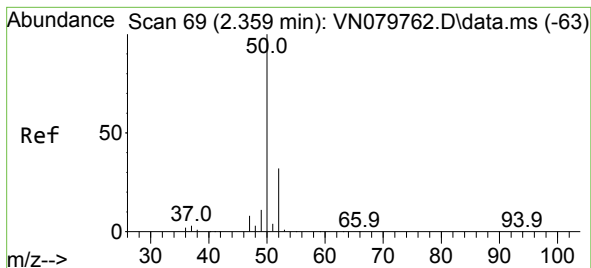
Tgt Ion:168 Resp: 331041
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 48.420 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 85 Resp: 193075
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





#3

Chloromethane

Concen: 45.205 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

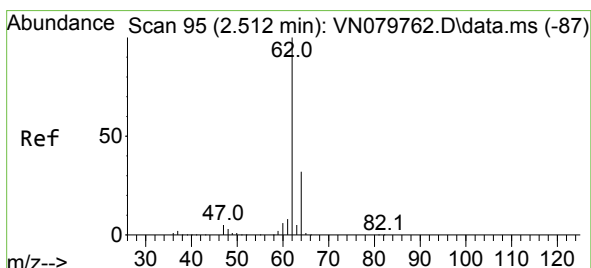
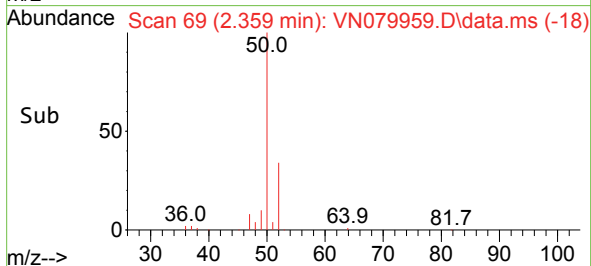
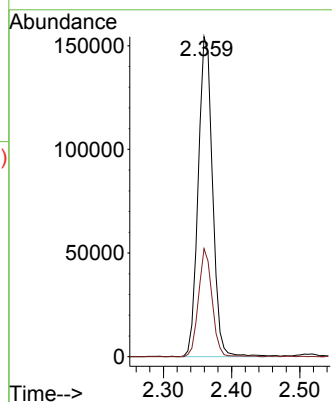
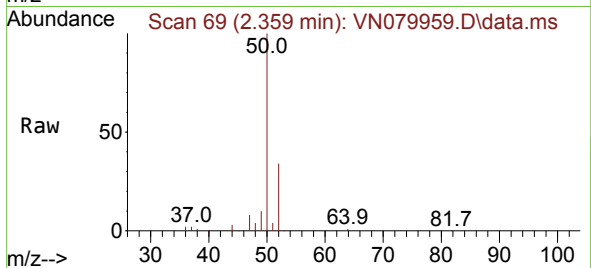
VSTDCCC050

Tgt Ion: 50 Resp: 225362

Ion Ratio Lower Upper

50 100

52 33.7 26.5 39.7



#4

Vinyl Chloride

Concen: 54.003 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079959.D

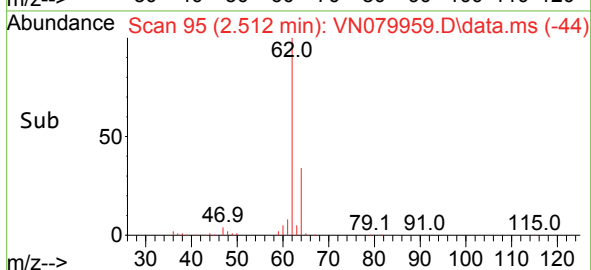
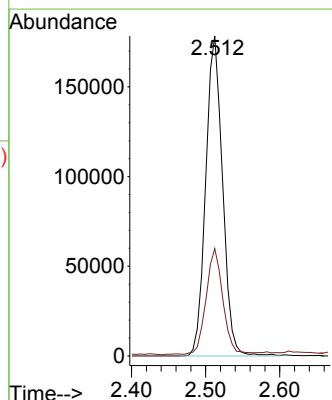
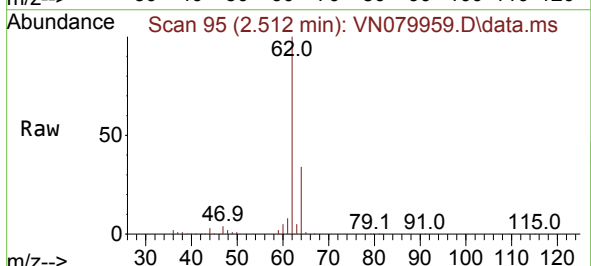
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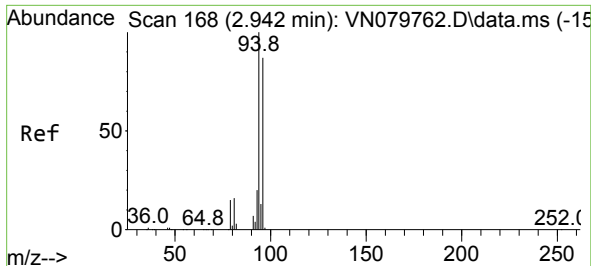
Tgt Ion: 62 Resp: 281870

Ion Ratio Lower Upper

62 100

64 32.9 26.2 39.2

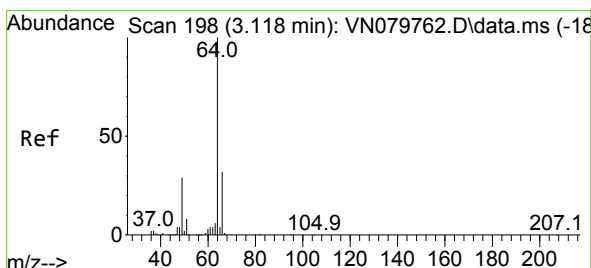
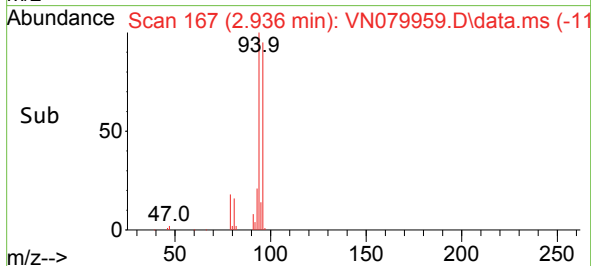
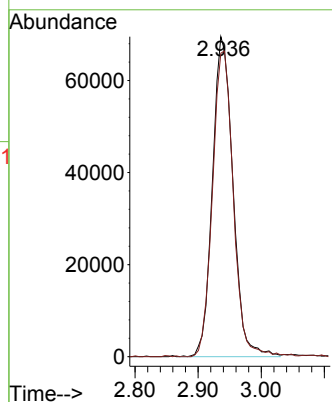
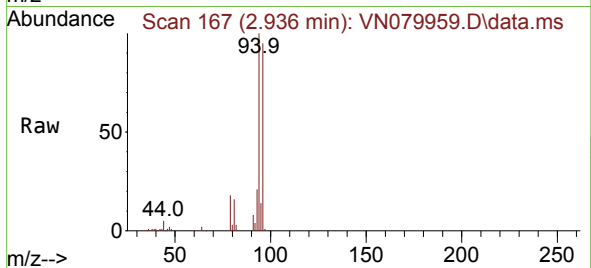




#5
Bromomethane
Concen: 49.495 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.018 min
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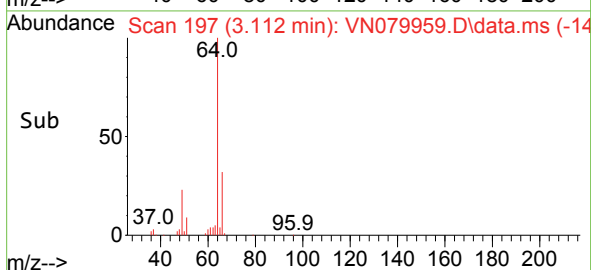
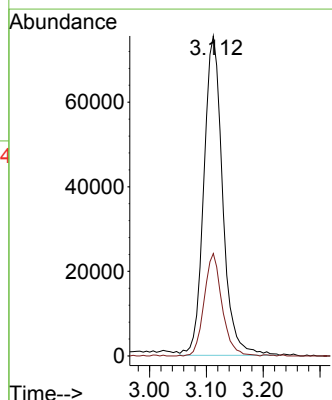
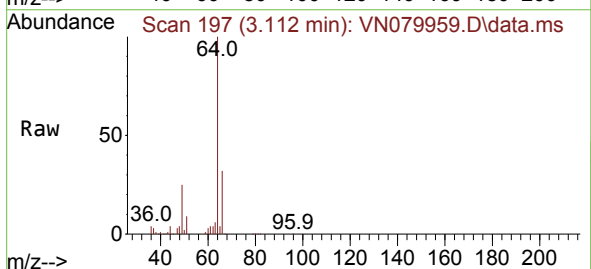
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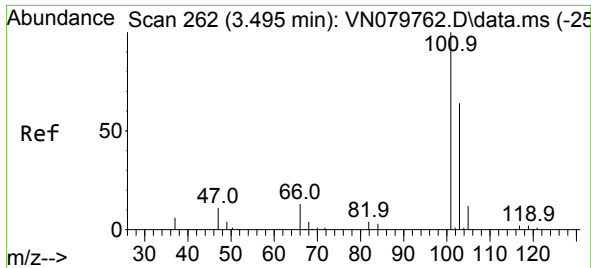
Tgt Ion: 94 Resp: 156967
Ion Ratio Lower Upper
94 100
96 94.9 73.1 109.7



#6
Chloroethane
Concen: 42.009 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 64 Resp: 173256
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.2

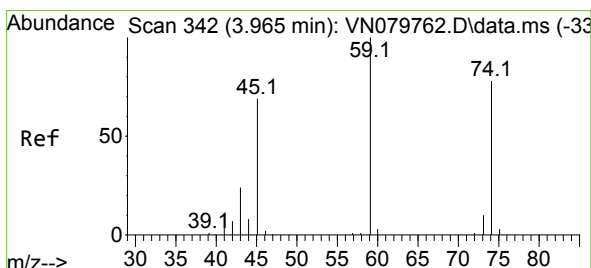
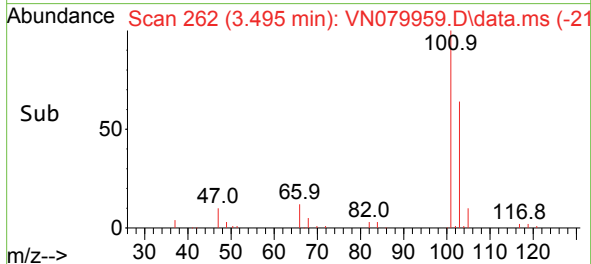
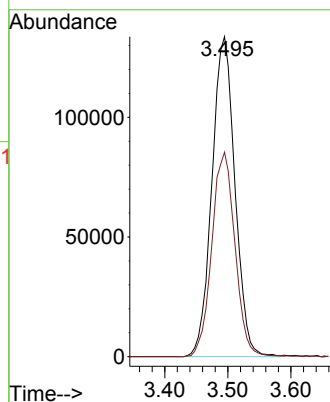
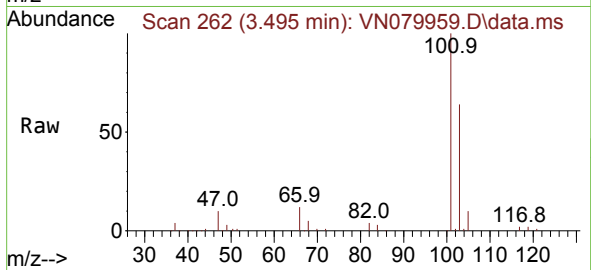




#7
 Trichlorofluoromethane
 Concen: 52.184 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079959.D
 Acq: 07 Nov 2023 12:33

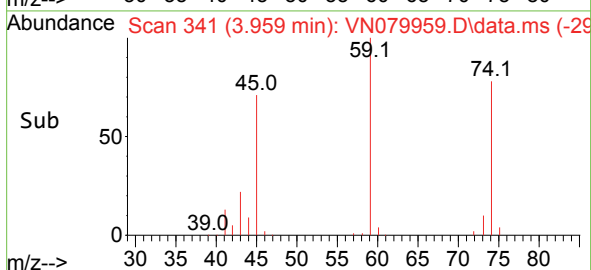
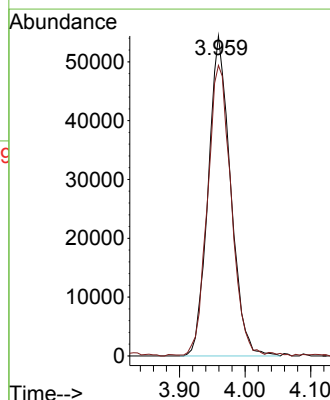
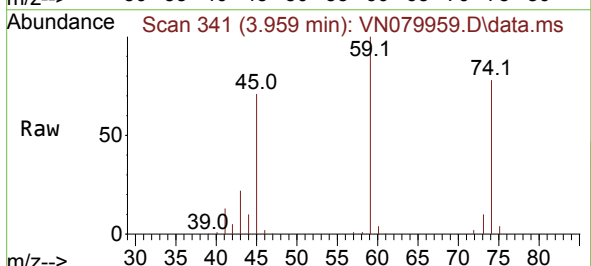
Instrument :
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 VSTDCCC050

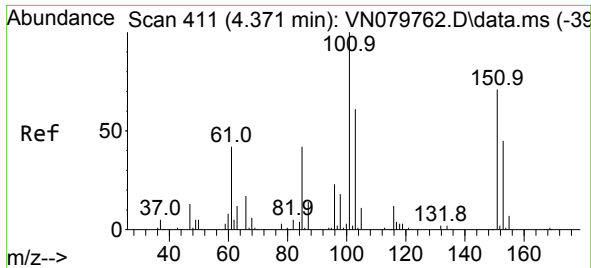
Tgt Ion:101 Resp: 338776
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.7 76.1



#8
 Diethyl Ether
 Concen: 52.458 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 129233
 Ion Ratio Lower Upper
 74 100
 45 94.9 34.4 103.3

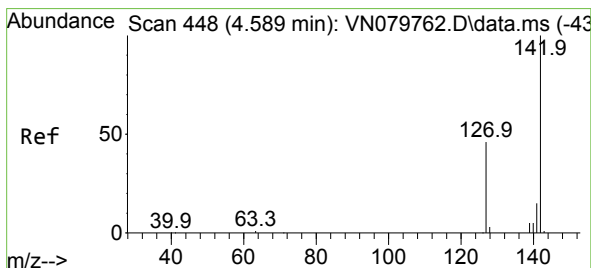
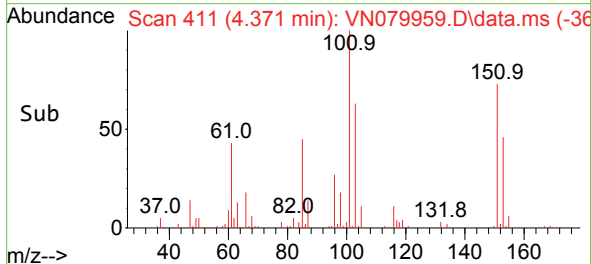
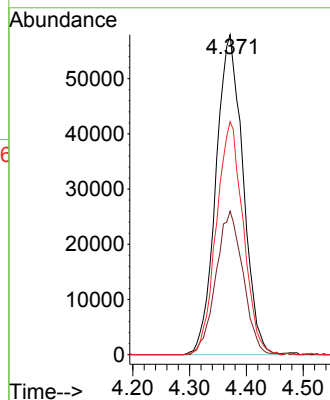
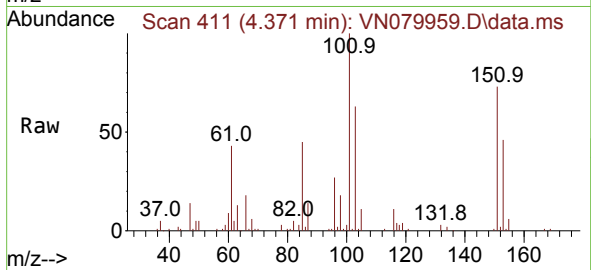




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.909 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

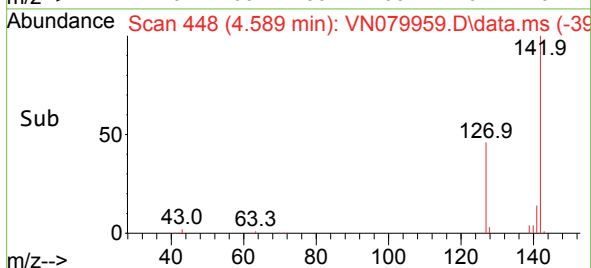
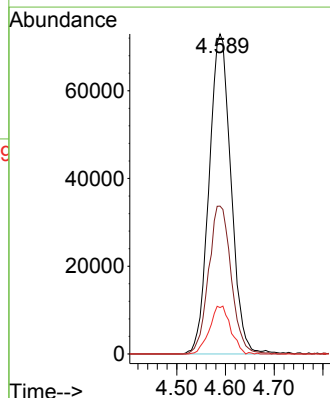
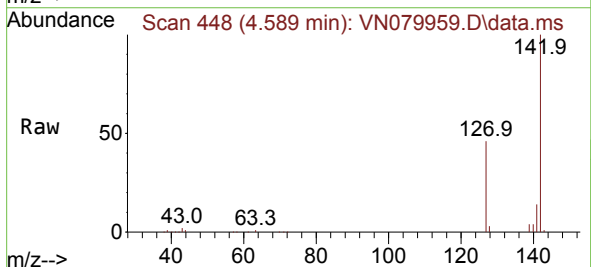
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

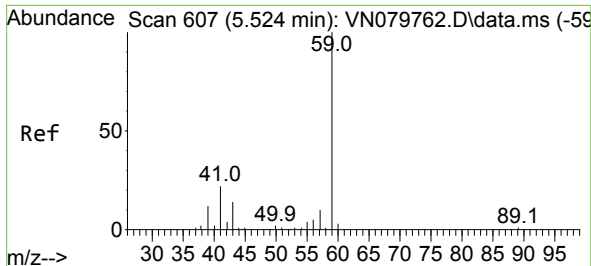
Tgt Ion:101 Resp: 191590
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 72.3 57.6 86.4



#10
Methyl Iodide
Concen: 52.872 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion:142 Resp: 227226
Ion Ratio Lower Upper
142 100
127 46.2 37.6 56.4
141 14.5 11.4 17.0

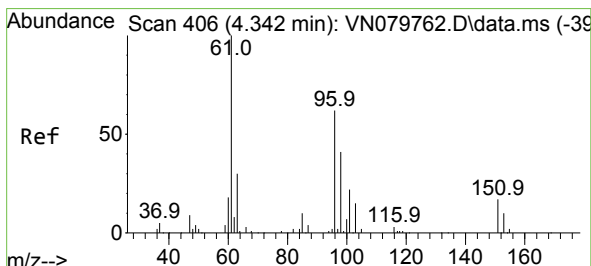
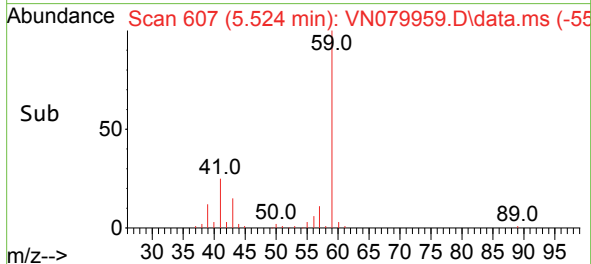
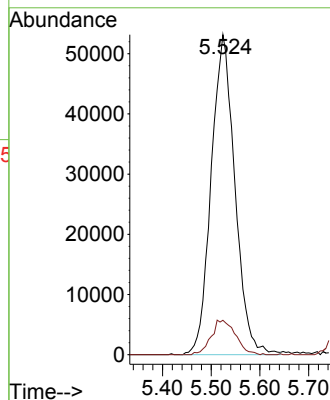
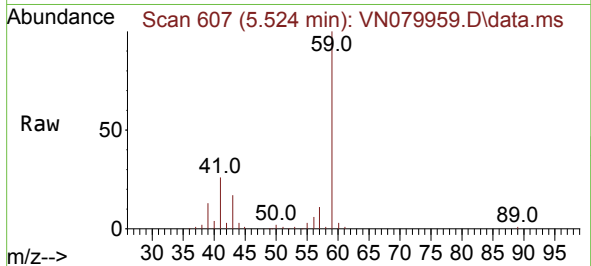




#11
Tert butyl alcohol
Concen: 279.111 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

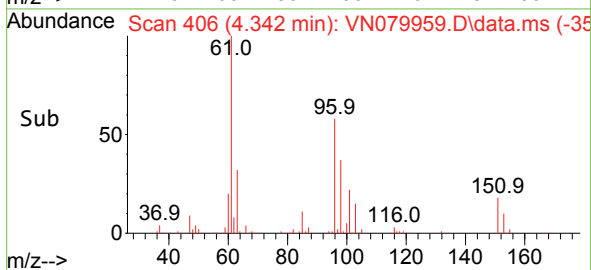
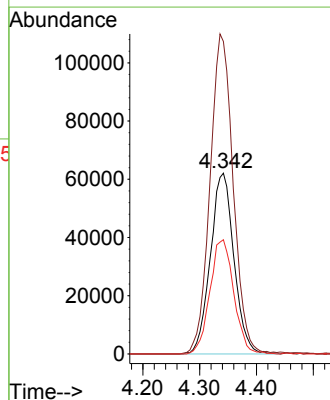
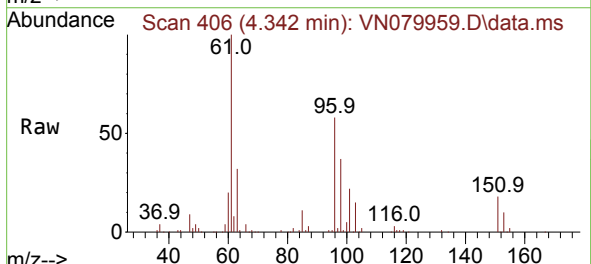
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

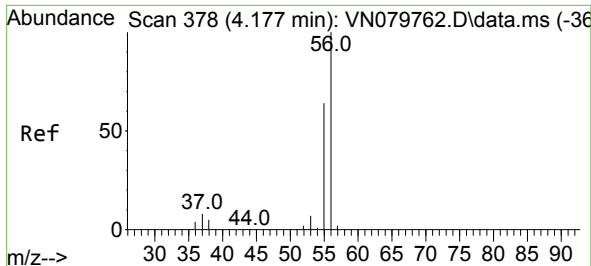
Tgt Ion: 59 Resp: 179699
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.208 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 96 Resp: 178907
Ion Ratio Lower Upper
96 100
61 172.8 112.7 169.1#
98 63.2 51.2 76.8

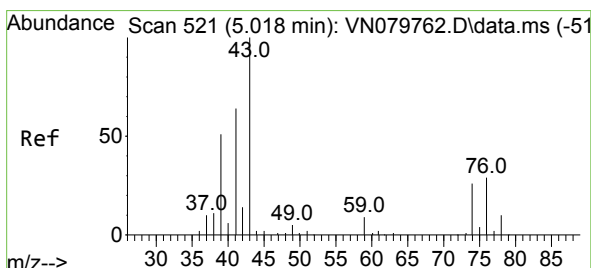
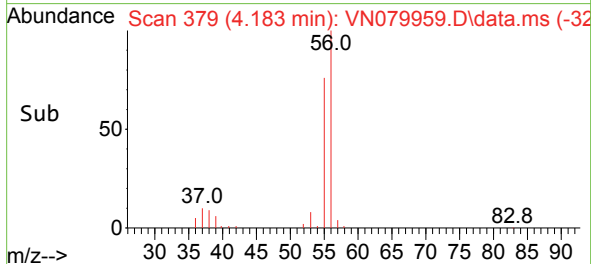
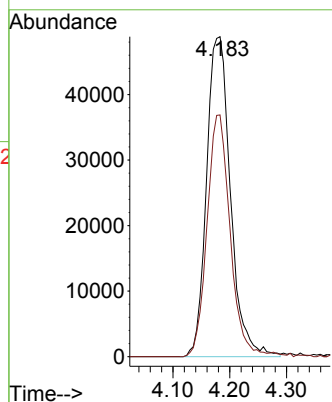
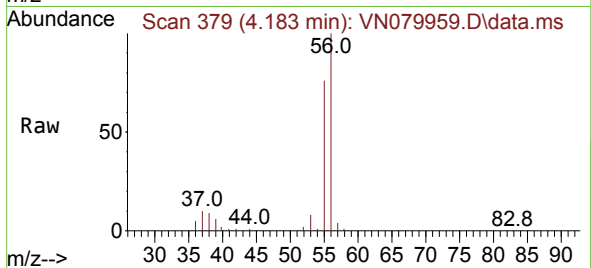




#13
Acrolein
Concen: 292.927 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

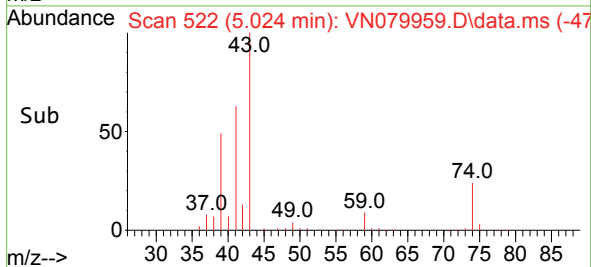
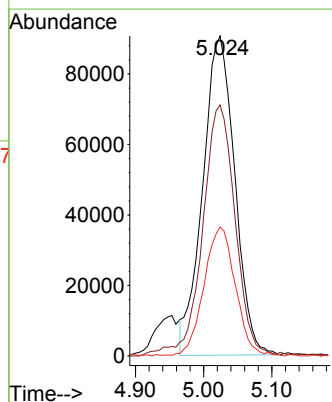
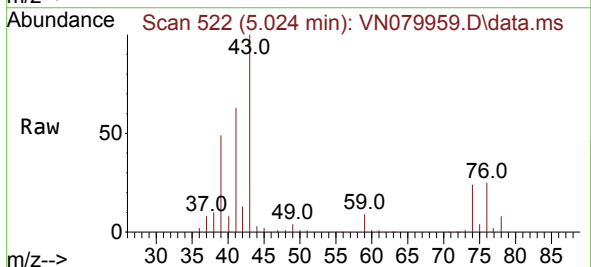
Instrument :
MSVOA_N
ClientSampleId :
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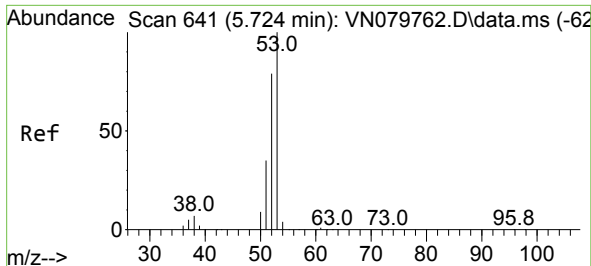
Tgt Ion: 56 Resp: 142686
Ion Ratio Lower Upper
56 100
55 72.6 54.5 81.7



#14
Allyl chloride
Concen: 54.275 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 41 Resp: 296211
Ion Ratio Lower Upper
41 100
39 79.7 58.8 88.2
76 39.6 39.1 58.7

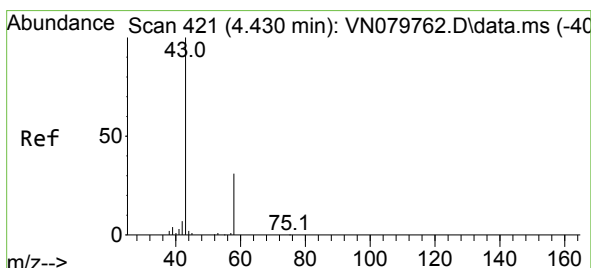
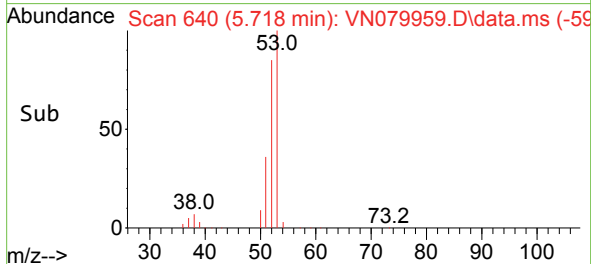
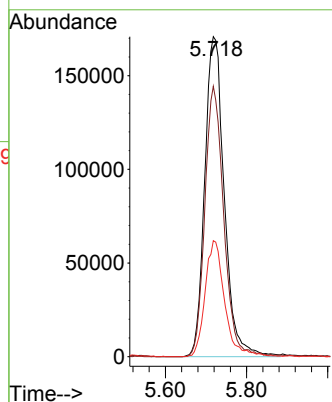
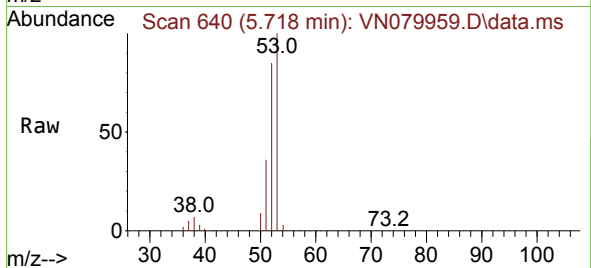




#15
Acrylonitrile
Concen: 284.715 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

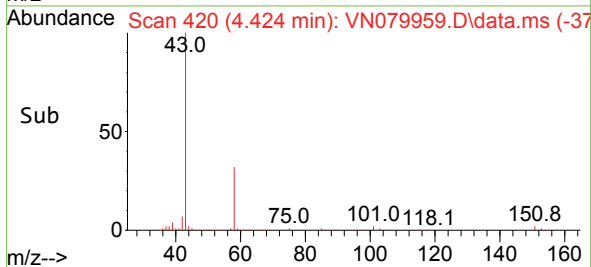
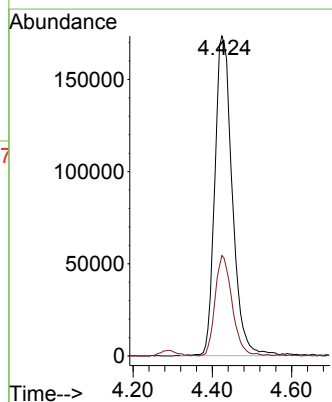
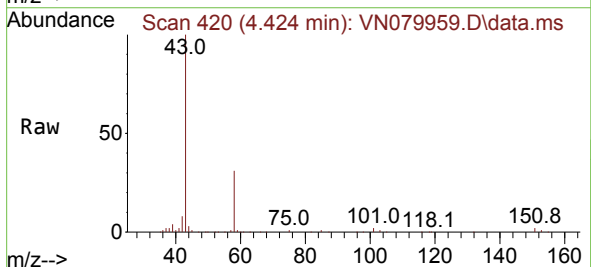
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

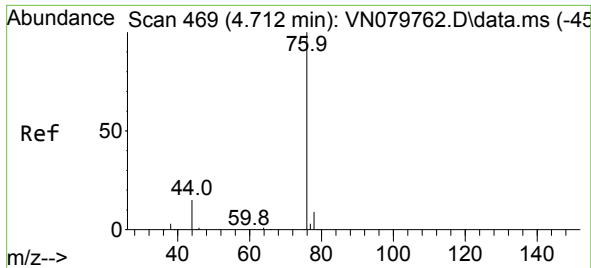
Tgt Ion: 53 Resp: 571249
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 36.2 28.9 43.3



#16
Acetone
Concen: 298.802 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 43 Resp: 529354
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0

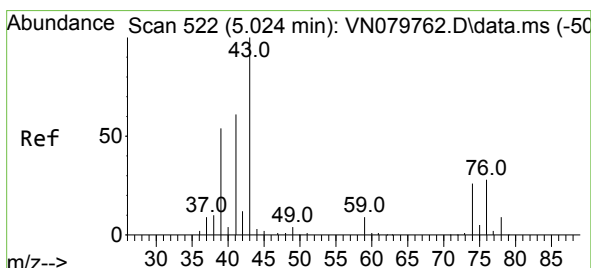
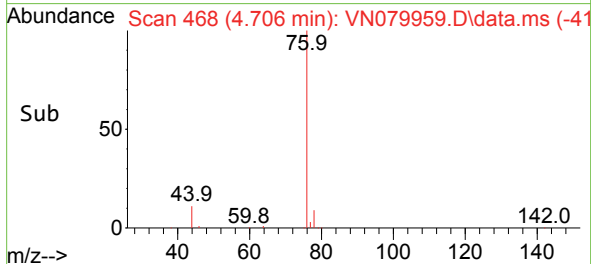
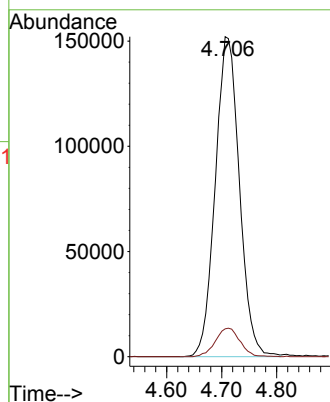
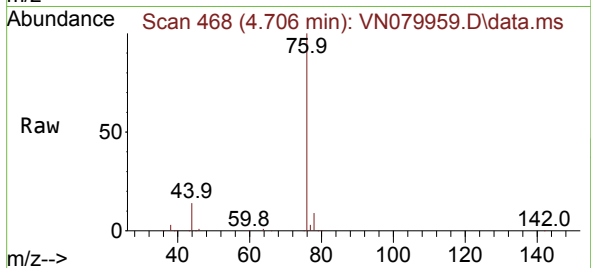




#17
Carbon Disulfide
Concen: 45.064 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

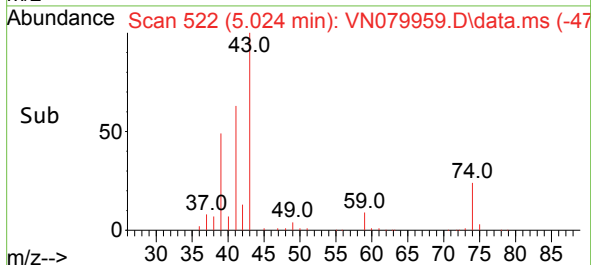
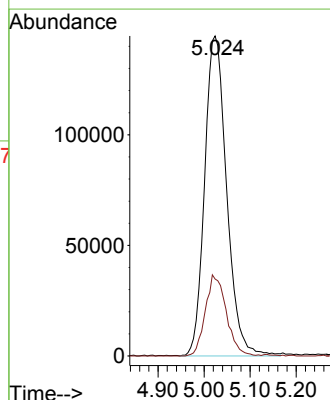
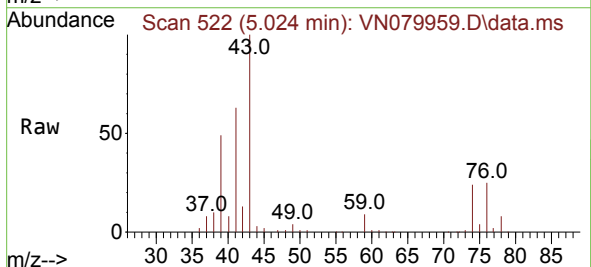
Instrument :
MSVOA_N
ClientSampleId :
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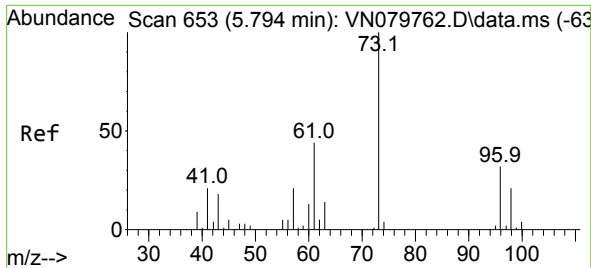
Tgt Ion: 76 Resp: 463185
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 56.958 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 43 Resp: 482763
Ion Ratio Lower Upper
43 100
74 24.0 26.2 39.4#

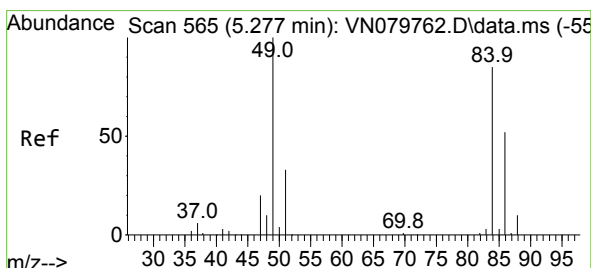
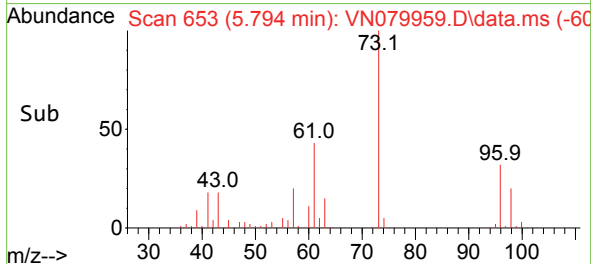
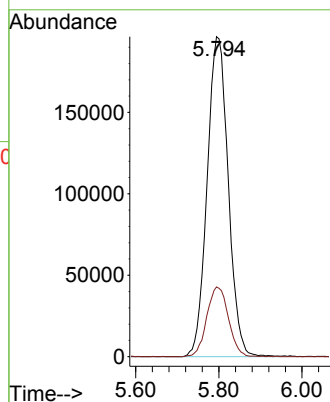
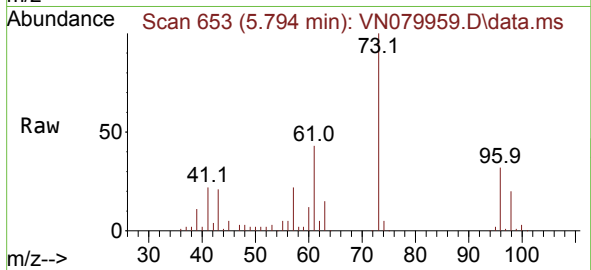




#19
Methyl tert-butyl Ether
Concen: 56.416 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

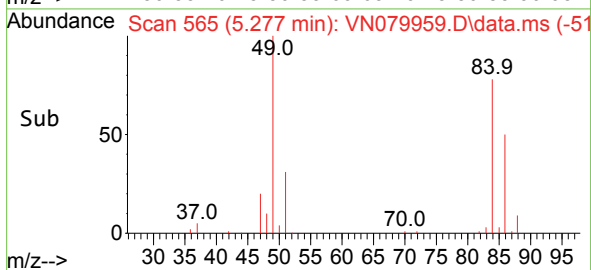
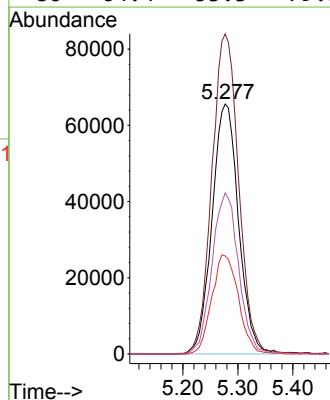
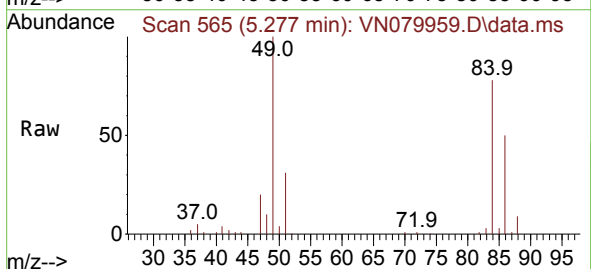
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

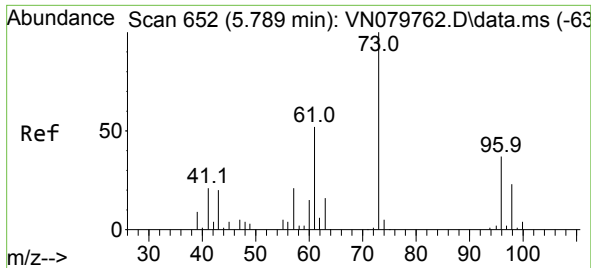
Tgt Ion: 73 Resp: 692112
Ion Ratio Lower Upper
73 100
57 21.8 15.6 23.4



#20
Methylene Chloride
Concen: 49.113 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 84 Resp: 219543
Ion Ratio Lower Upper
84 100
49 127.8 79.7 119.5#
51 39.3 25.2 37.8#
86 64.4 53.3 79.9

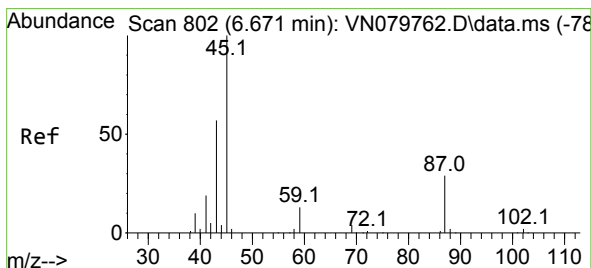
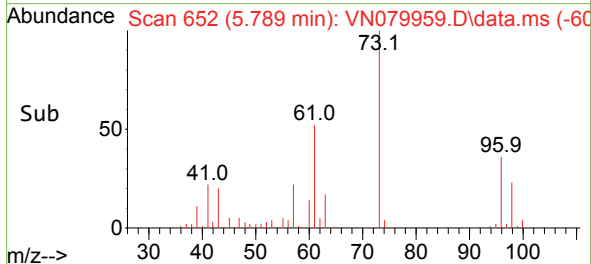
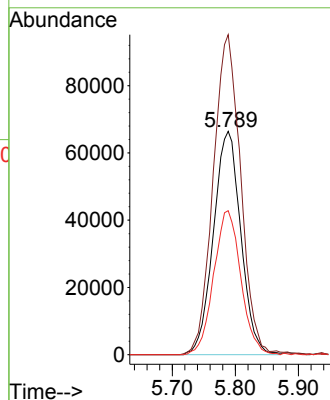
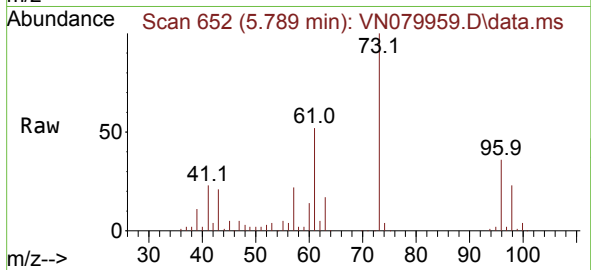




#21
trans-1,2-Dichloroethene
Concen: 50.325 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

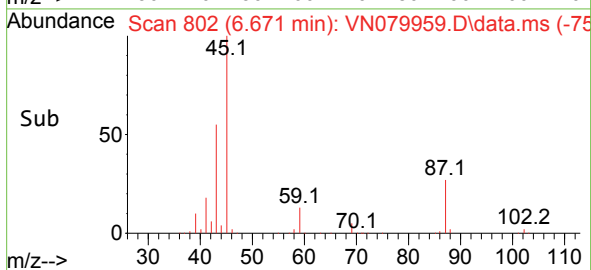
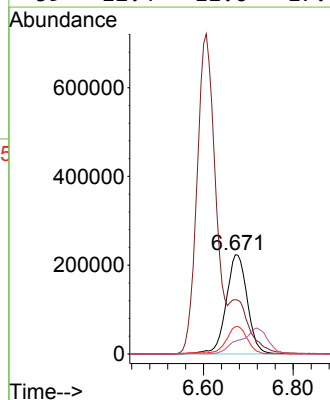
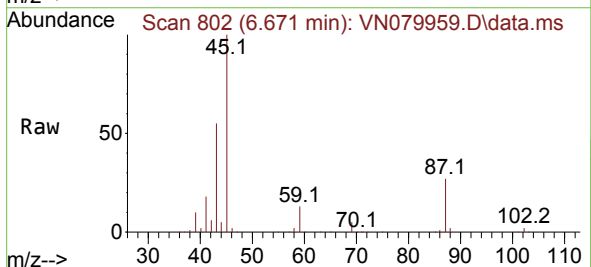
Instrument :
MSVOA_N
ClientSampleId :
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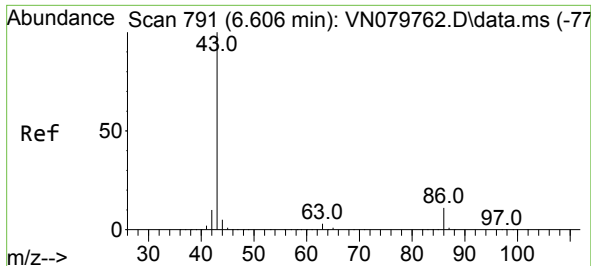
Tgt Ion: 96 Resp: 199995
Ion Ratio Lower Upper
96 100
61 143.3 90.1 135.1#
98 64.5 46.4 69.6



#22
Diisopropyl ether
Concen: 57.759 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 45 Resp: 730519
Ion Ratio Lower Upper
45 100
43 53.3 45.5 68.3
87 27.3 31.8 47.8#
59 12.4 11.6 17.4

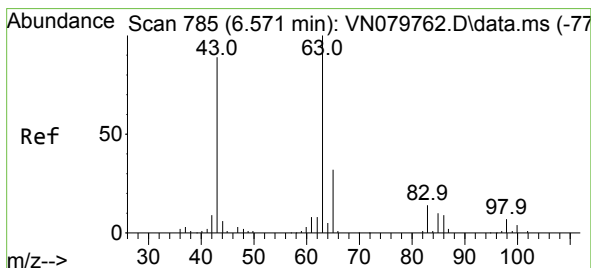
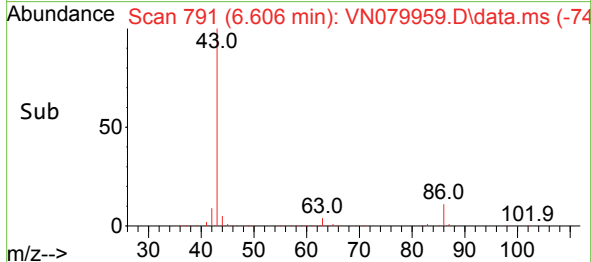
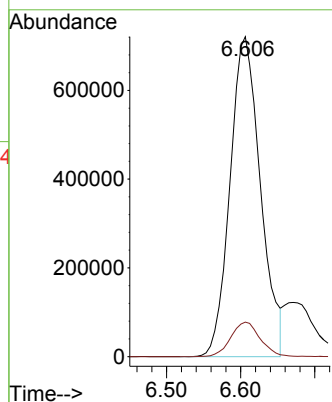
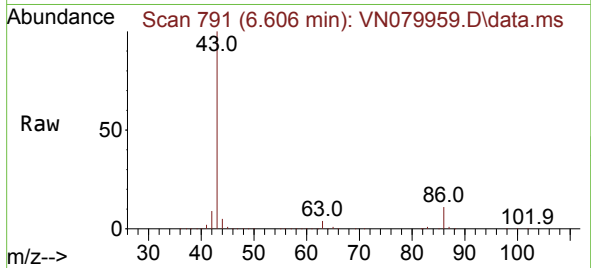




#23
 Vinyl Acetate
 Concen: 294.961 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079959.D
 Acq: 07 Nov 2023 12:33

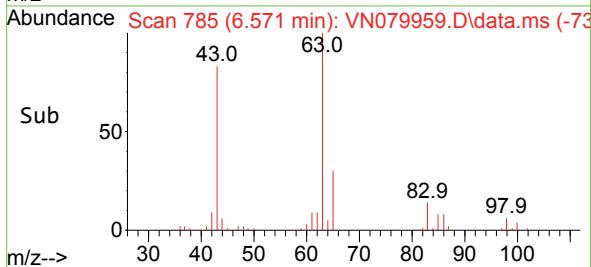
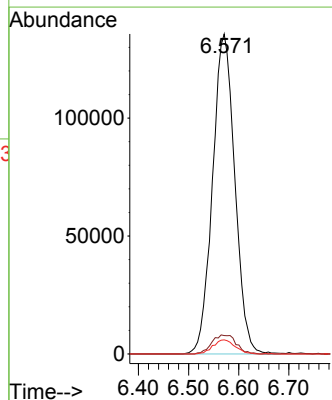
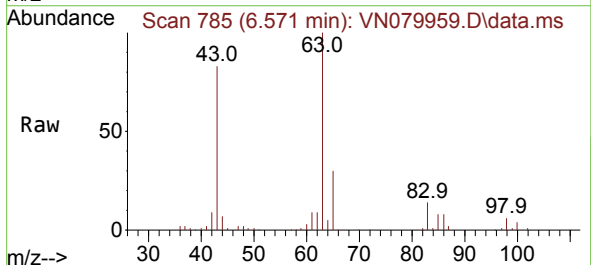
Instrument :
 MSVOA_N
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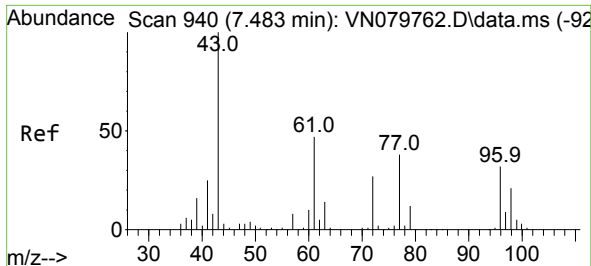
Tgt Ion: 43 Resp: 2057770
 Ion Ratio Lower Upper
 43 100
 86 10.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 54.477 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079959.D
 Acq: 07 Nov 2023 12:33

Tgt Ion: 63 Resp: 418782
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.9 11.7
 100 4.4 2.5 7.4

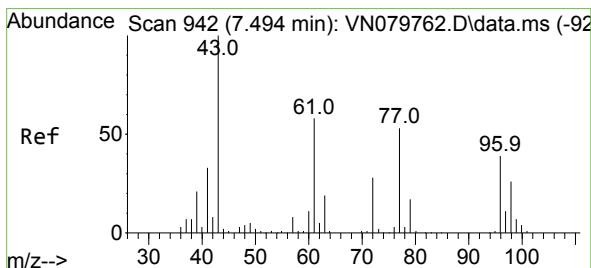
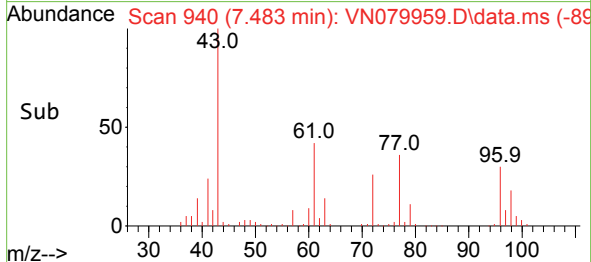
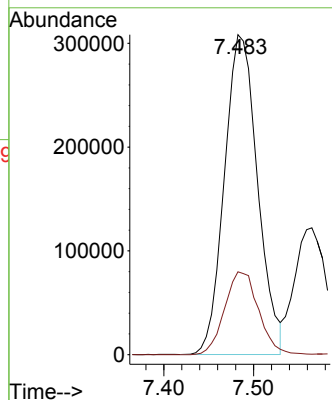
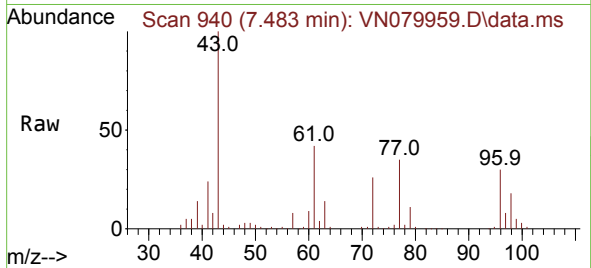




#25
2-Butanone
Concen: 305.465 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

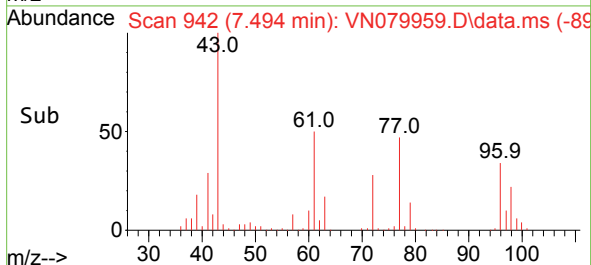
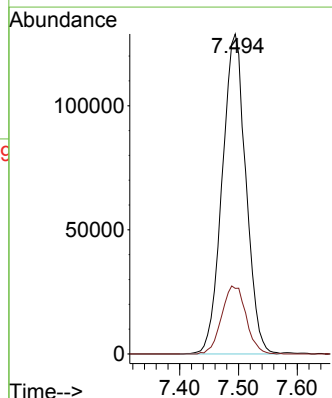
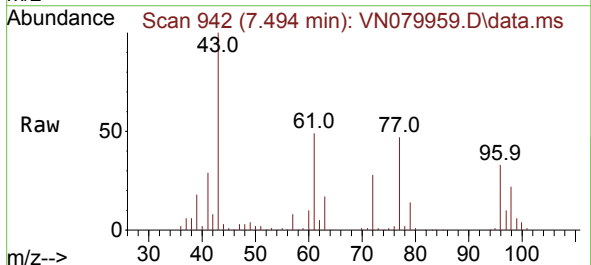
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ClientSampleId :
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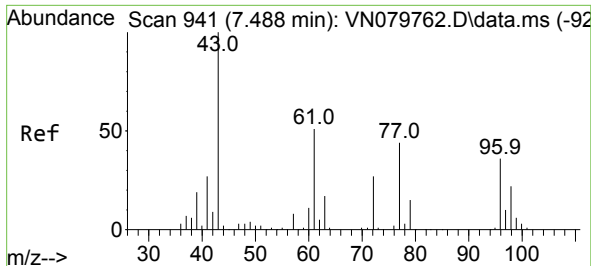
Tgt Ion: 43 Resp: 792449
Ion Ratio Lower Upper
43 100
72 25.9 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 56.740 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 77 Resp: 360730
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6

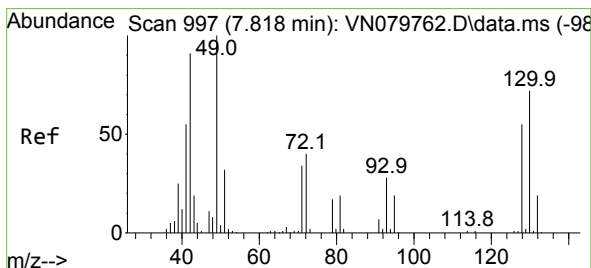
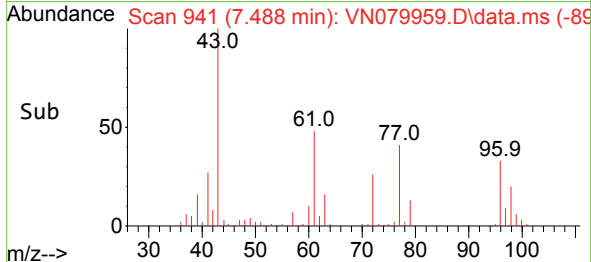
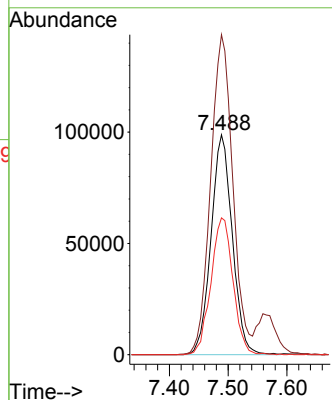
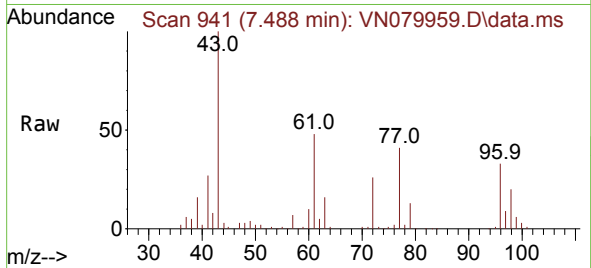




#27
 cis-1,2-Dichloroethene
 Concen: 52.224 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079959.D
 Acq: 07 Nov 2023 12:33

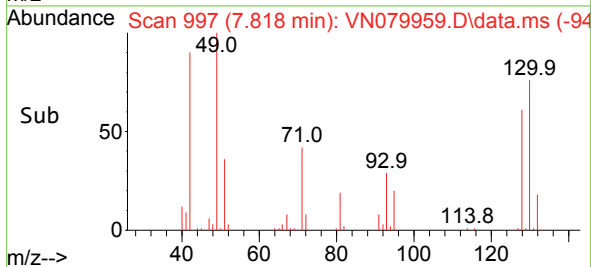
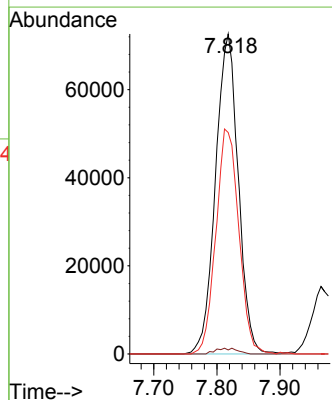
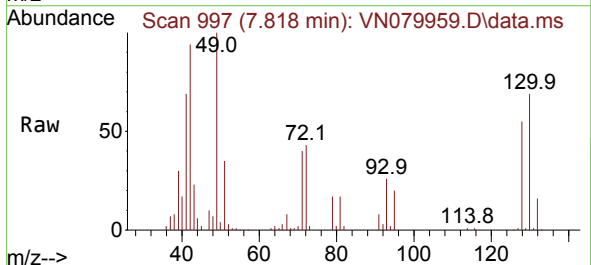
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

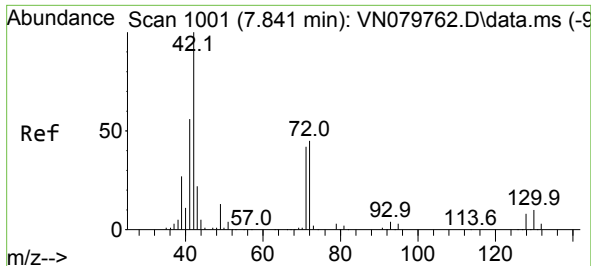
Tgt Ion: 96 Resp: 248261
 Ion Ratio Lower Upper
 96 100
 61 151.9 0.0 255.2
 98 64.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 48.592 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079959.D
 Acq: 07 Nov 2023 12:33

Tgt Ion: 49 Resp: 182041
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 70.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 300.137 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

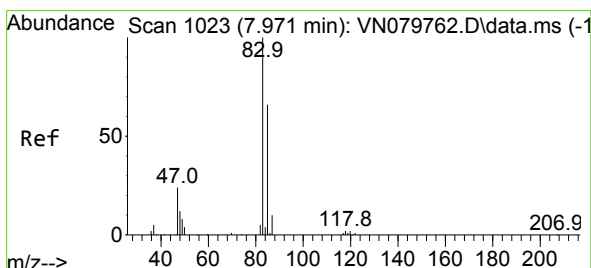
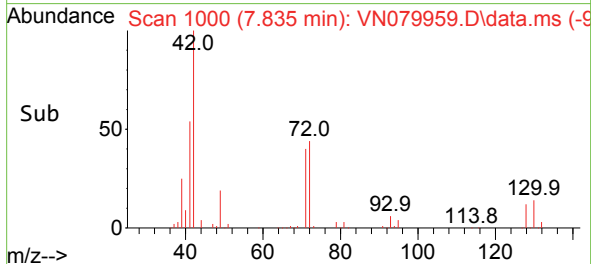
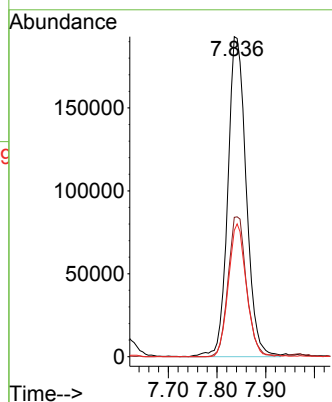
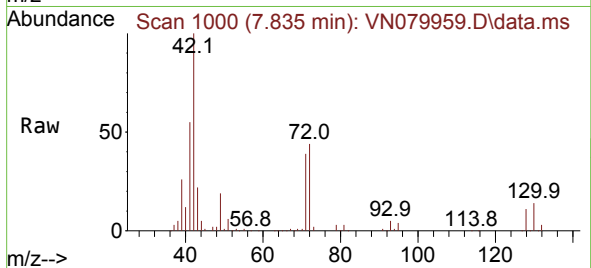
Tgt Ion: 42 Resp: 506583

Ion Ratio Lower Upper

42 100

72 43.8 49.8 74.6#

71 40.6 47.4 71.2#



#30

Chloroform

Concen: 51.787 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN079959.D

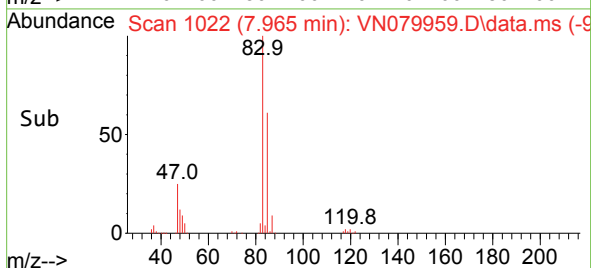
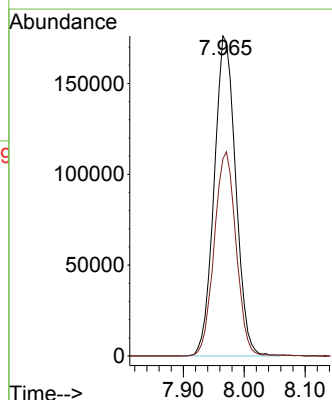
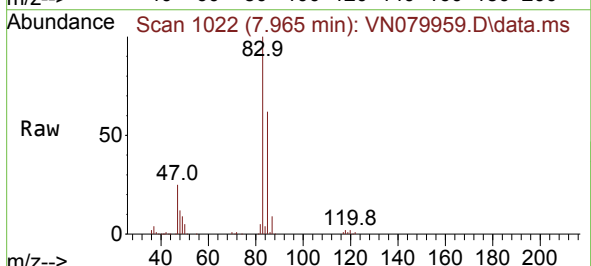
Acq: 07 Nov 2023 12:33

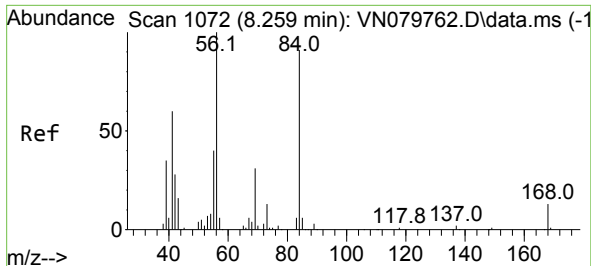
Tgt Ion: 83 Resp: 432428

Ion Ratio Lower Upper

83 100

85 61.5 55.4 83.0

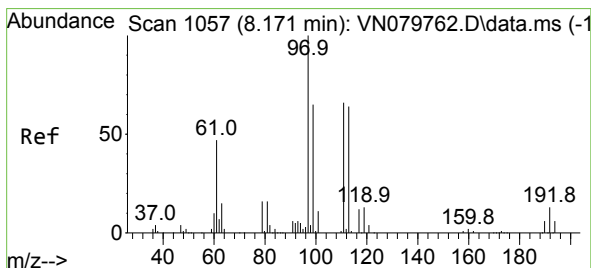
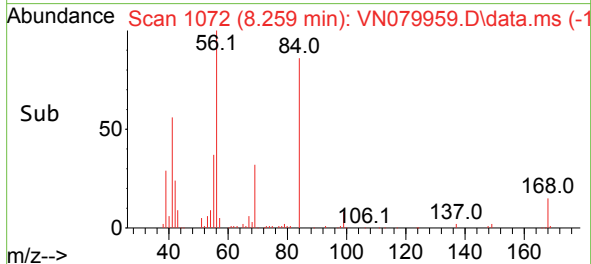
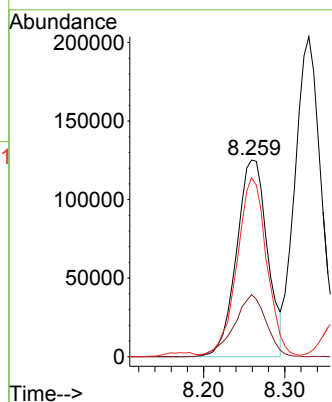
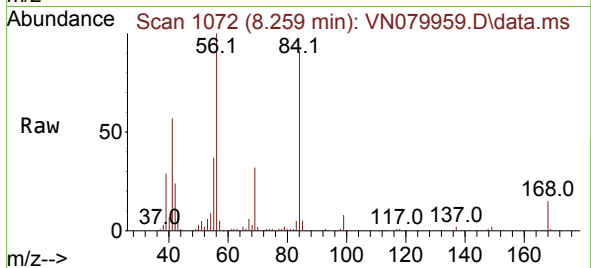




#31
Cyclohexane
Concen: 49.686 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

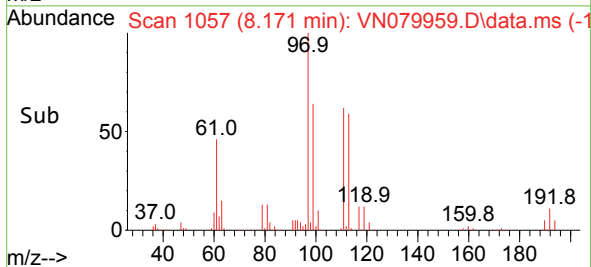
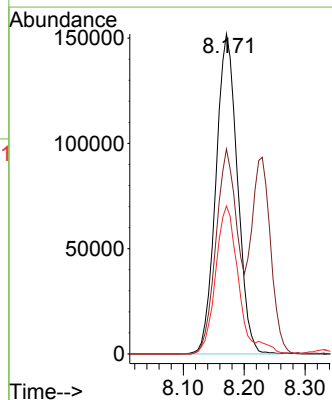
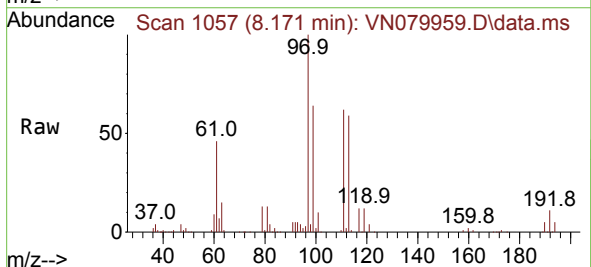
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

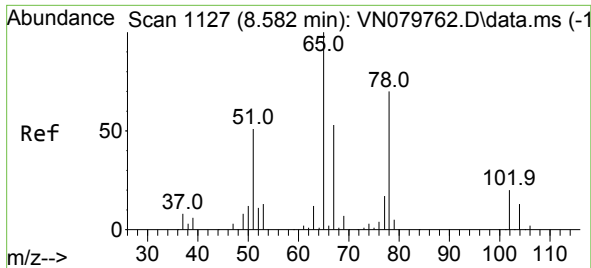
Tgt Ion: 56 Resp: 331135
Ion Ratio Lower Upper
56 100
69 31.6 26.8 40.2
84 88.7 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 54.979 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 97 Resp: 374066
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 49.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 56.788 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

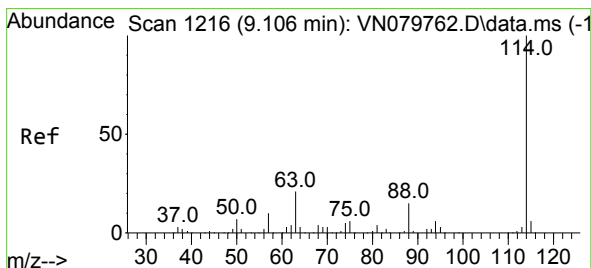
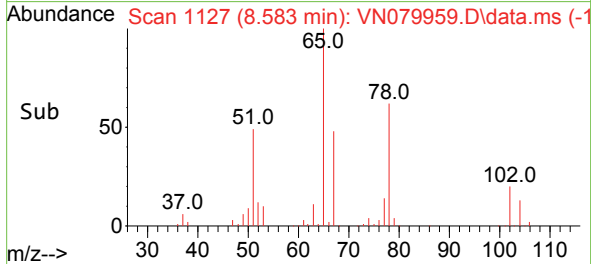
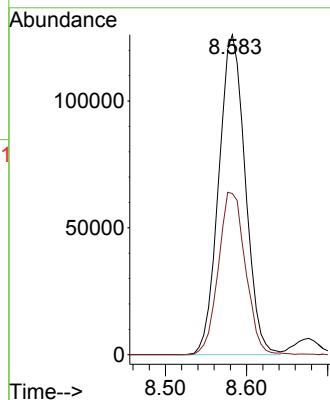
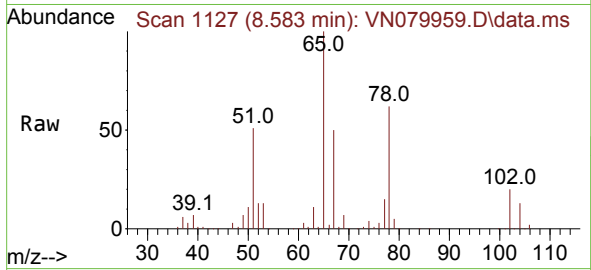
VSTDCCC050

Tgt Ion: 65 Resp: 286413

Ion Ratio Lower Upper

65 100

67 51.9 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: VN079959.D

Acq: 07 Nov 2023 12:33

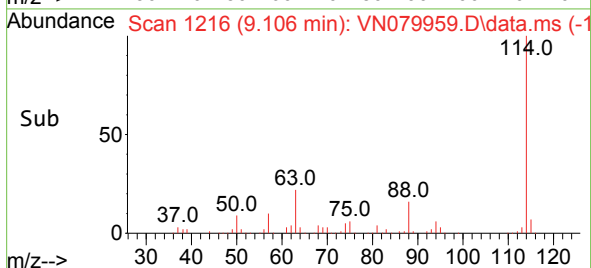
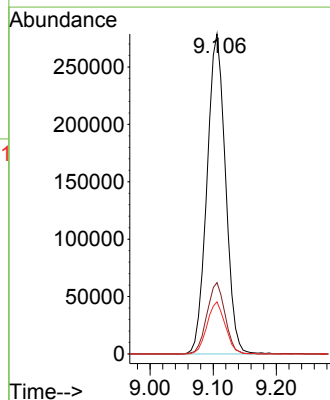
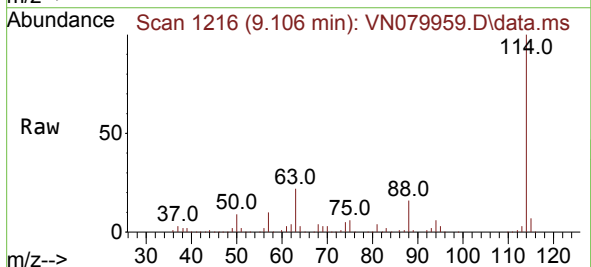
Tgt Ion: 114 Resp: 567705

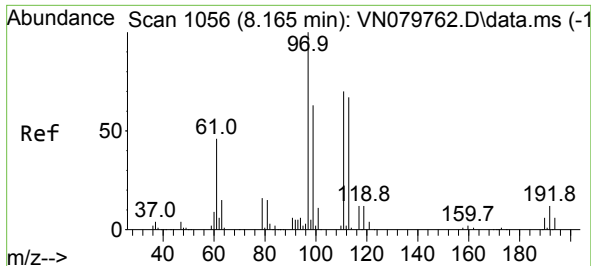
Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.879 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

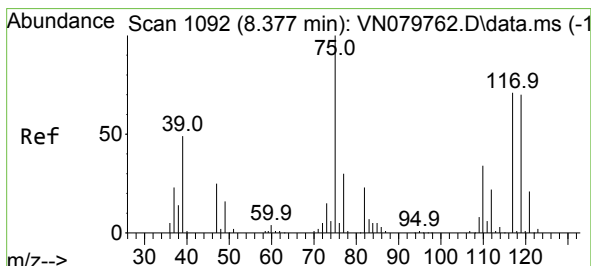
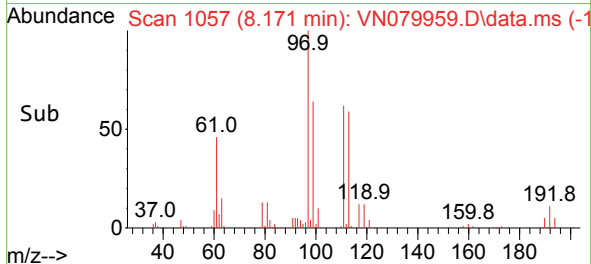
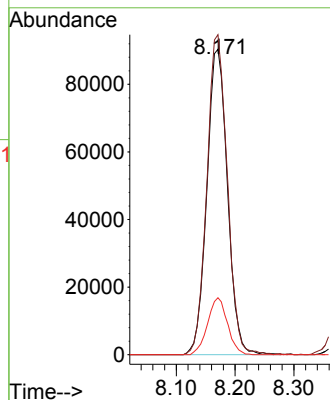
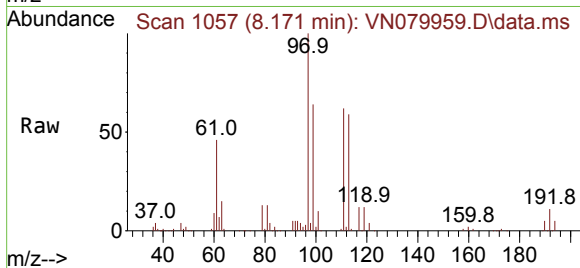
Tgt Ion:113 Resp: 220503

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 18.0 12.7 19.1



#36

1,1-Dichloropropene

Concen: 54.866 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

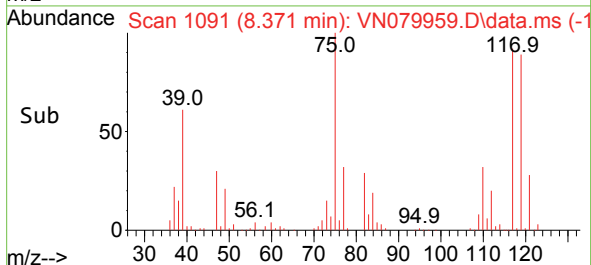
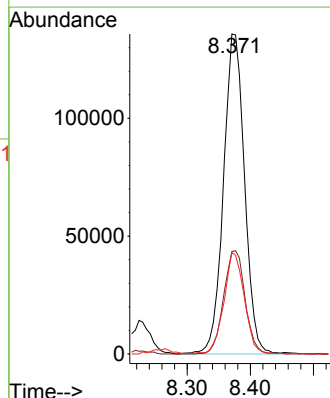
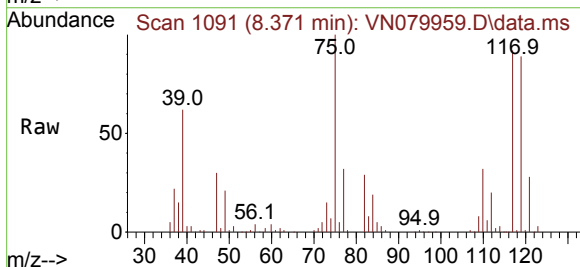
Tgt Ion: 75 Resp: 314768

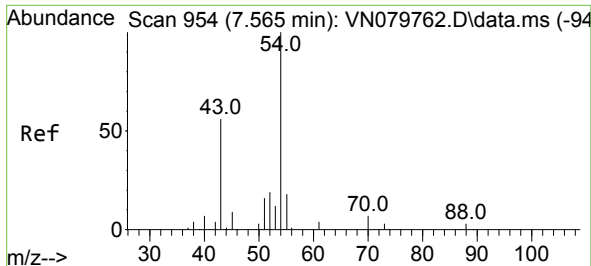
Ion Ratio Lower Upper

75 100

110 32.9 19.1 57.3

77 30.8 25.0 37.4

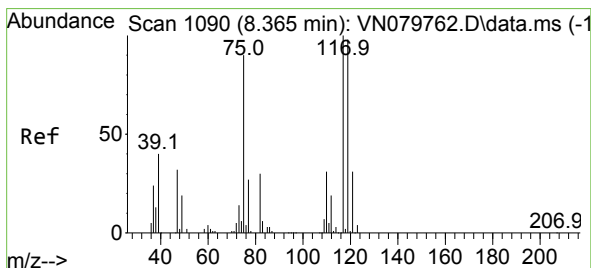
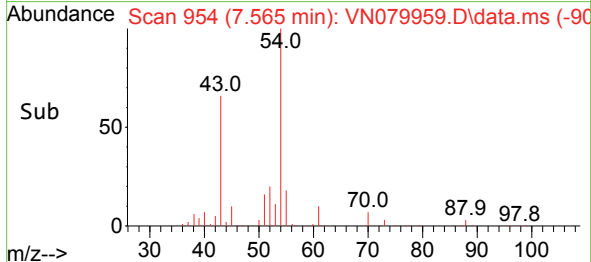
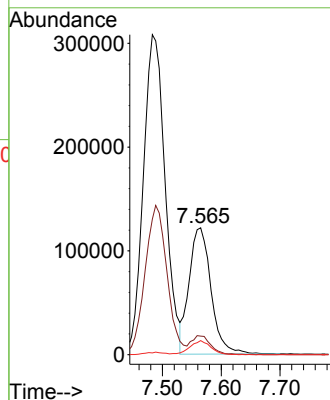
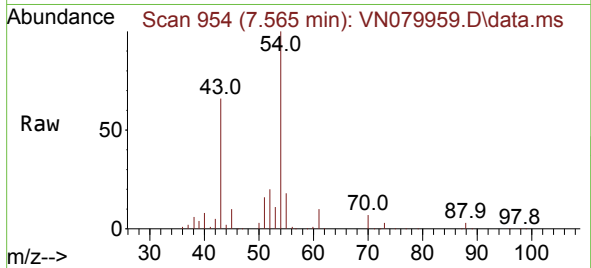




#37
Ethyl Acetate
Concen: 60.108 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

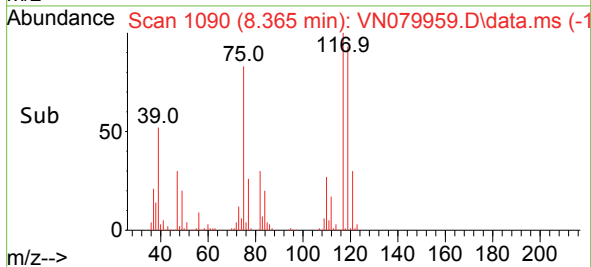
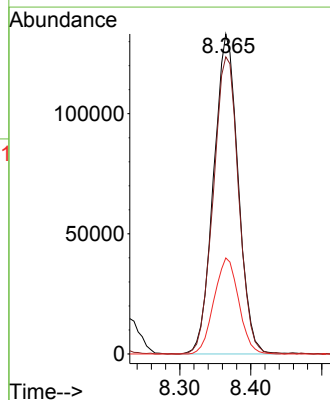
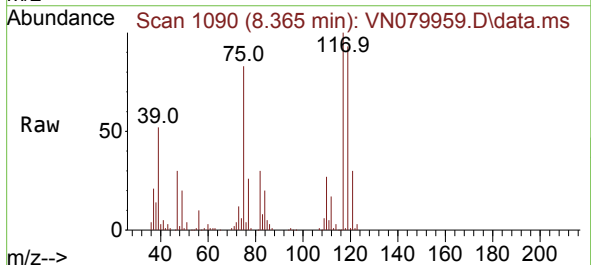
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

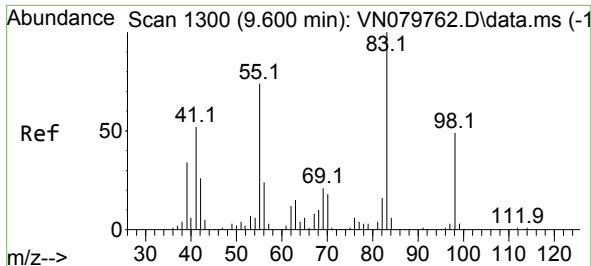
Tgt Ion: 43 Resp: 316262
Ion Ratio Lower Upper
43 100
61 13.3 13.2 19.8
70 10.4 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 55.215 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 117 Resp: 319248
Ion Ratio Lower Upper
117 100
119 92.8 77.3 115.9
121 30.0 23.3 34.9





#39

Methylcyclohexane

Concen: 55.795 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

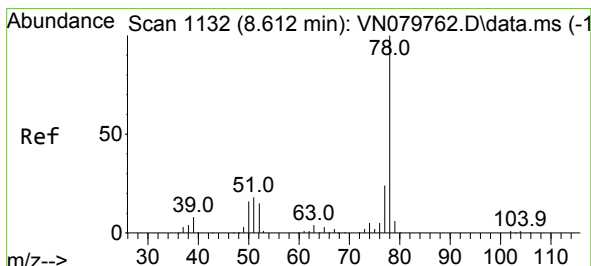
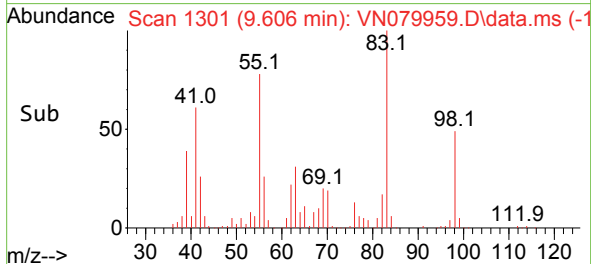
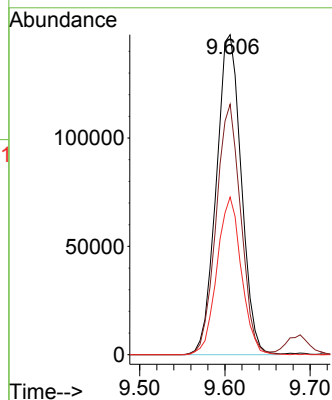
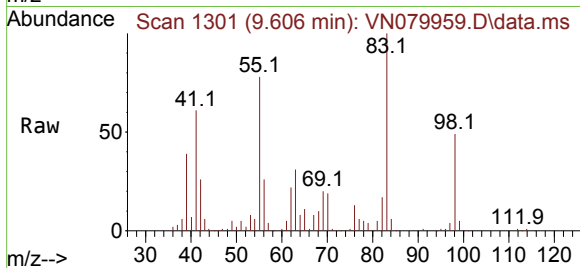
Tgt Ion: 83 Resp: 301238

Ion Ratio Lower Upper

83 100

55 78.2 49.1 73.7#

98 49.2 40.6 61.0



#40

Benzene

Concen: 54.104 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079959.D

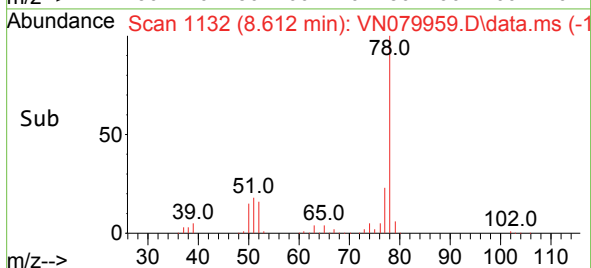
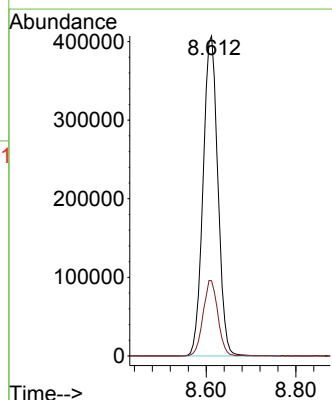
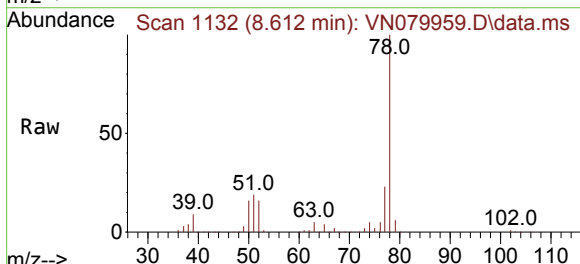
Acq: 07 Nov 2023 12:33

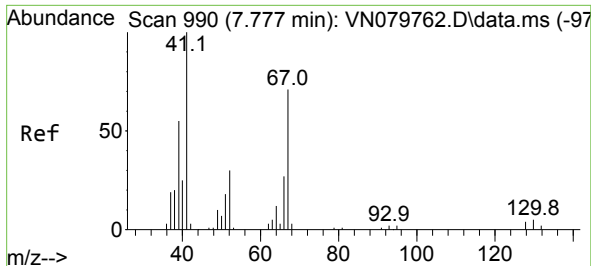
Tgt Ion: 78 Resp: 929678

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

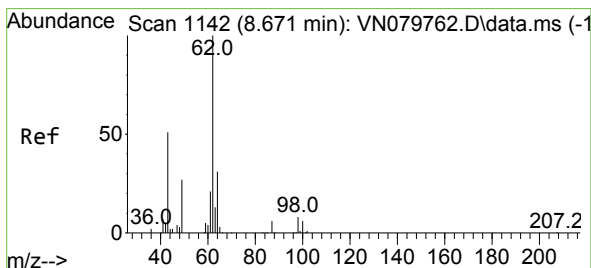
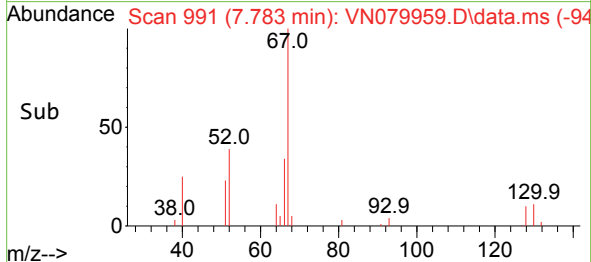
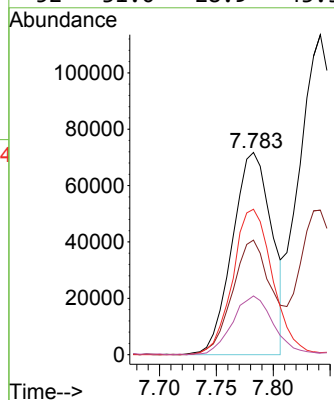
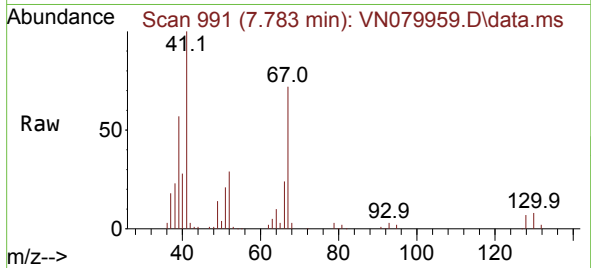




#41
Methacrylonitrile
Concen: 62.046 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

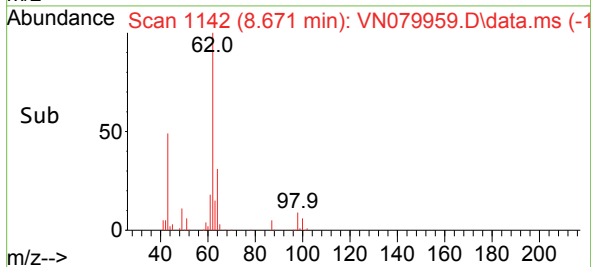
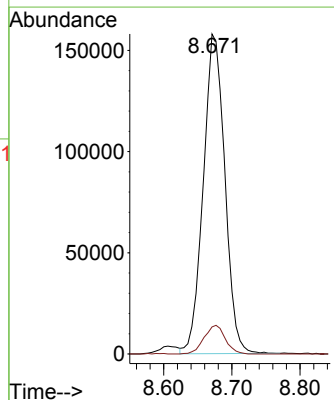
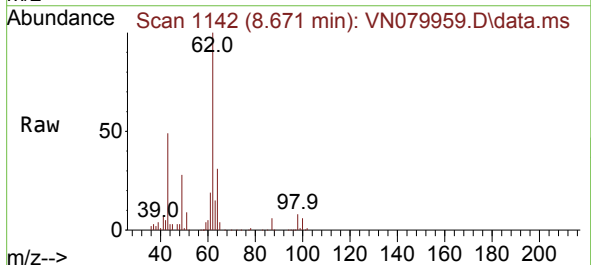
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

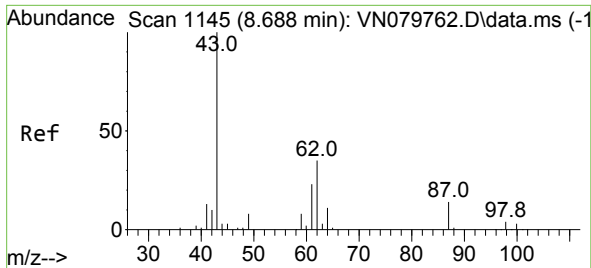
Tgt Ion:	41	Resp:	173356
Ion	Ratio	Lower	Upper
41	100		
39	58.3	42.6	64.0
67	73.5	77.5	116.3
52	31.0	28.9	43.3



#42
1,2-Dichloroethane
Concen: 57.910 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion:	62	Resp:	347589
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.8

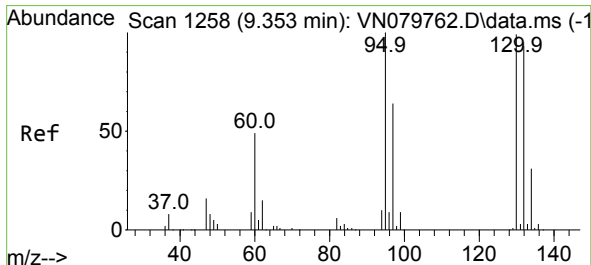
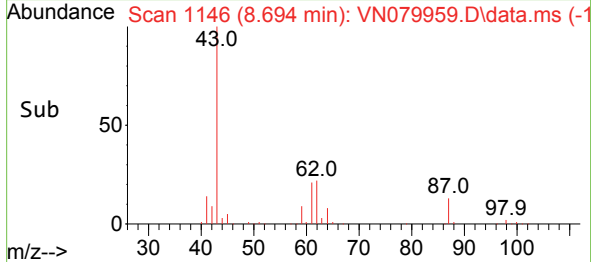
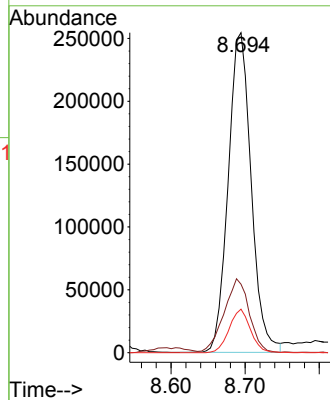
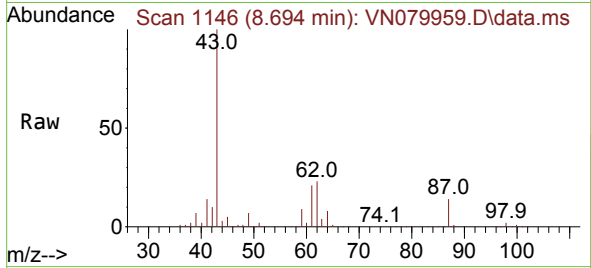




#43
Isopropyl Acetate
Concen: 59.454 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

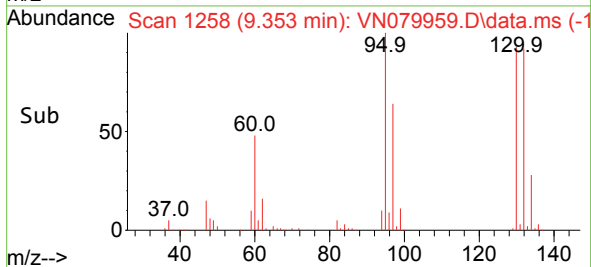
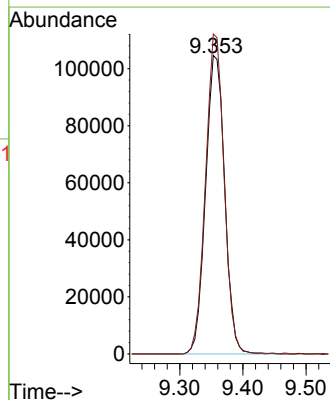
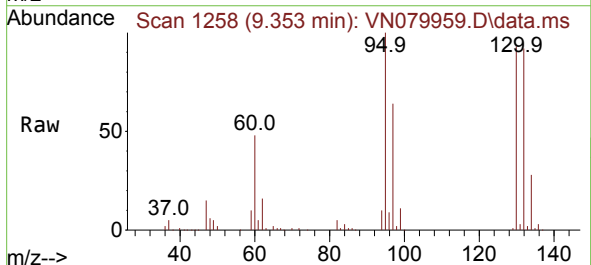
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

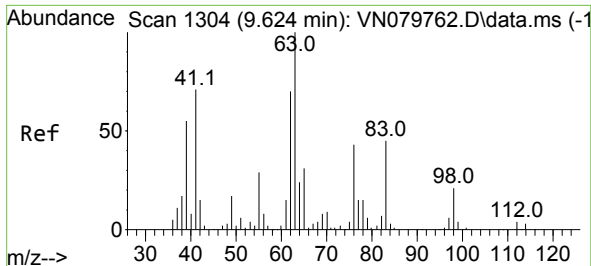
Tgt Ion: 43 Resp: 548586
Ion Ratio Lower Upper
43 100
61 25.0 24.7 37.1
87 12.6 14.6 21.8#



#44
Trichloroethene
Concen: 51.459 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion:130 Resp: 219415
Ion Ratio Lower Upper
130 100
95 107.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 57.830 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

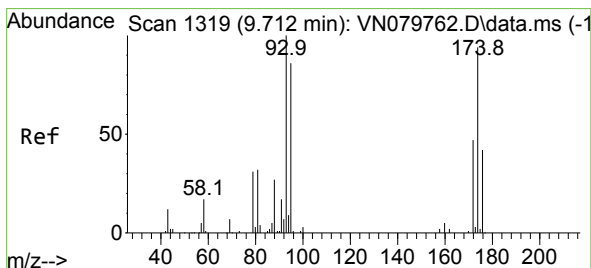
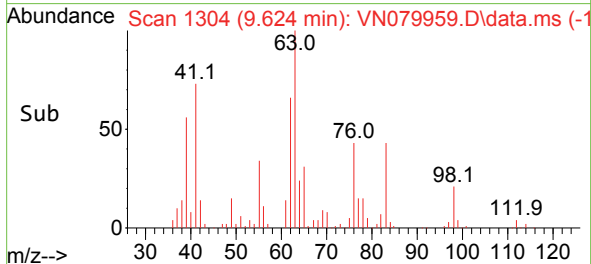
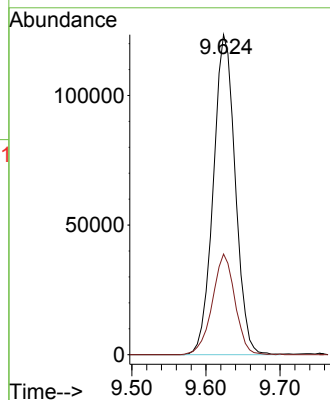
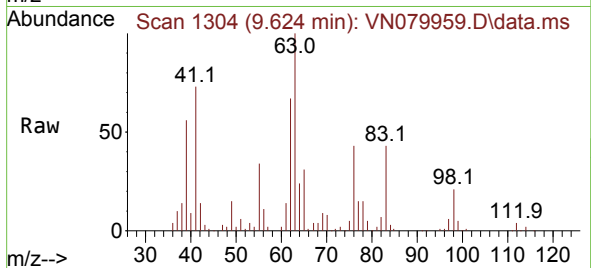
VSTDCCC050

Tgt Ion: 63 Resp: 253949

Ion Ratio Lower Upper

63 100

65 31.5 23.9 35.9



#46

Dibromomethane

Concen: 54.780 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

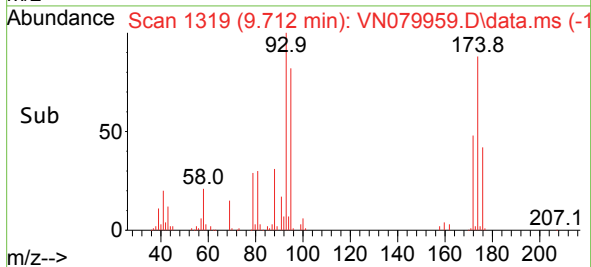
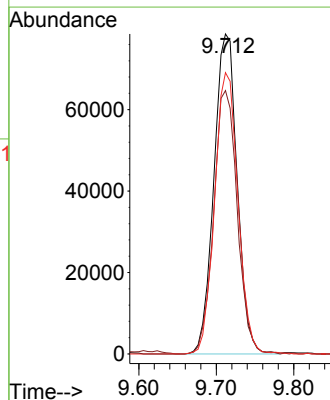
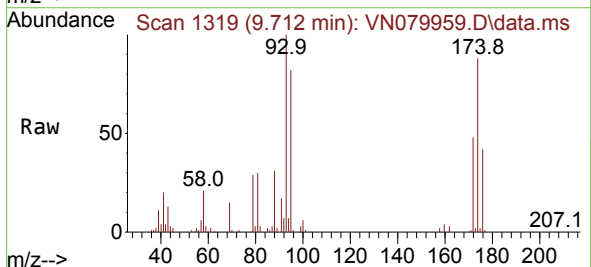
Tgt Ion: 93 Resp: 164253

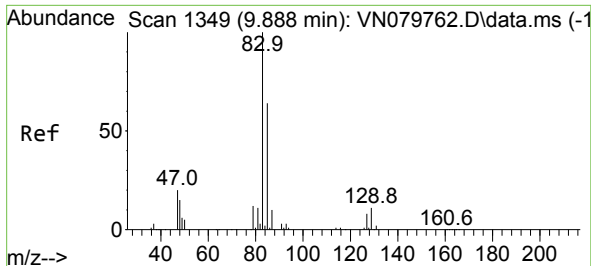
Ion Ratio Lower Upper

93 100

95 83.3 63.8 95.8

174 88.2 65.6 98.4

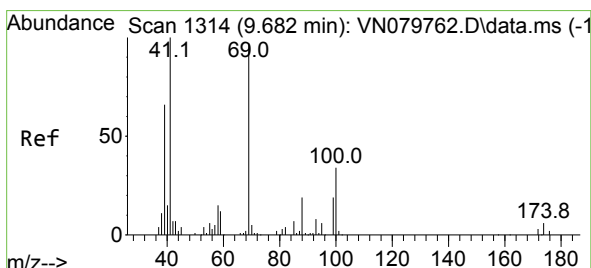
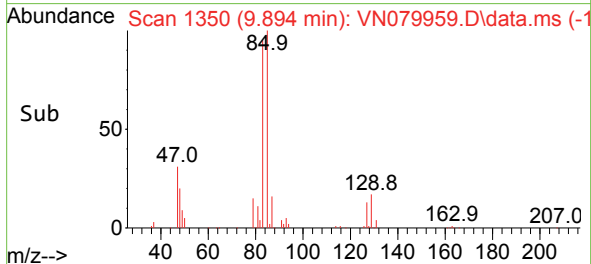
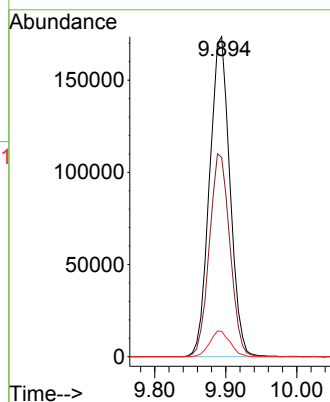
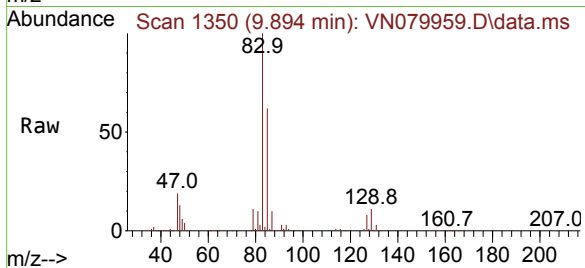




#47
Bromodichloromethane
Concen: 54.052 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

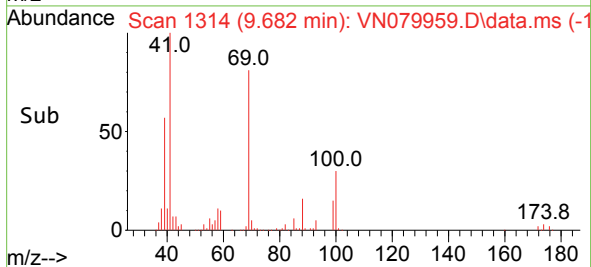
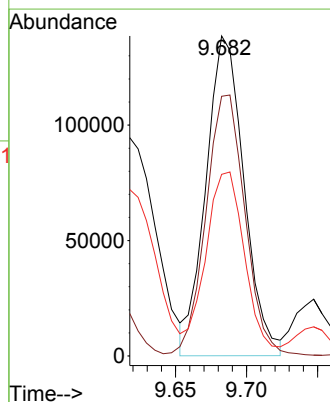
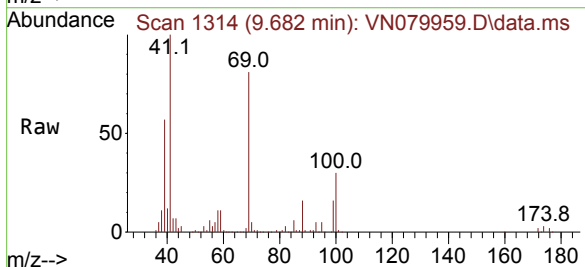
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

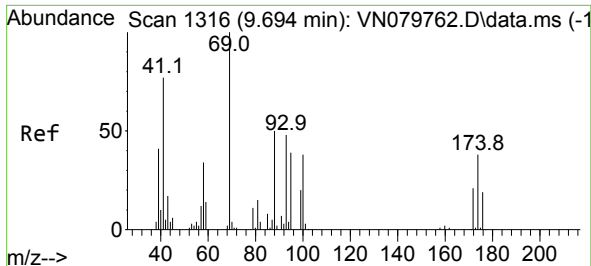
Tgt Ion: 83 Resp: 345643
Ion Ratio Lower Upper
83 100
85 62.3 49.6 74.4
127 7.9 7.0 10.6



#48
Methyl methacrylate
Concen: 63.939 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 41 Resp: 258415
Ion Ratio Lower Upper
41 100
69 83.7 90.4 135.6#
39 59.4 54.6 81.8





#49

1,4-Dioxane

Concen: 1244.214 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

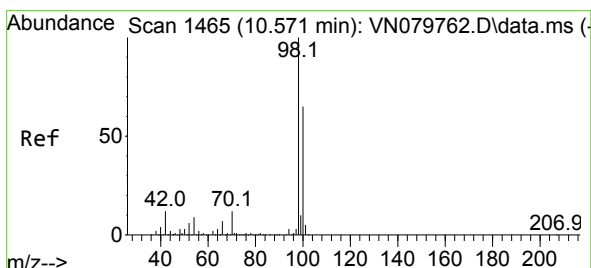
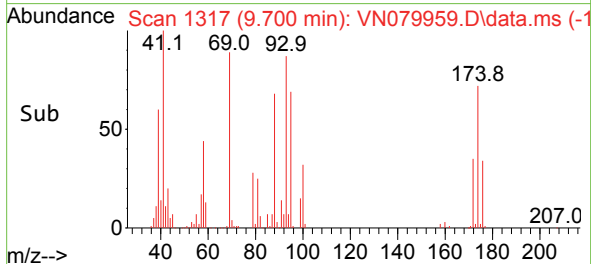
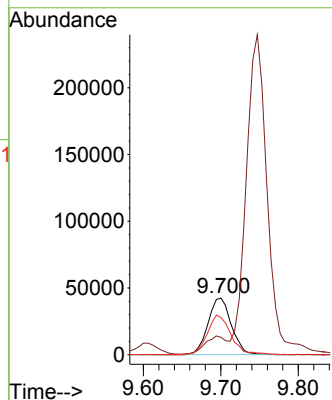
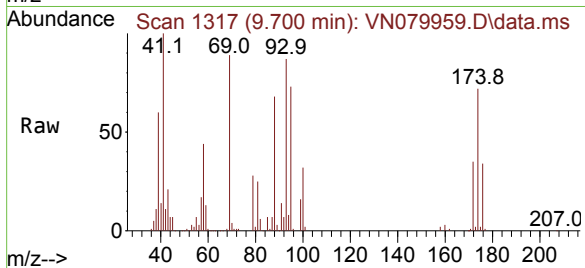
Tgt Ion: 88 Resp: 88855

Ion Ratio Lower Upper

88 100

43 31.1 17.0 25.6#

58 71.3 47.0 70.4#



#50

Toluene-d8

Concen: 55.523 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079959.D

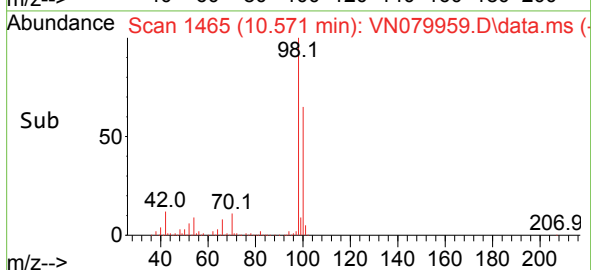
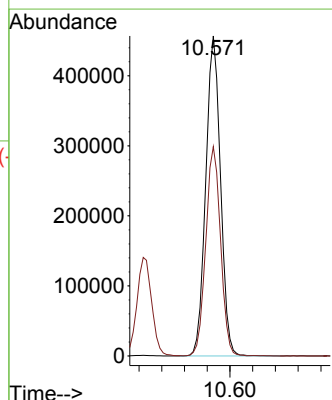
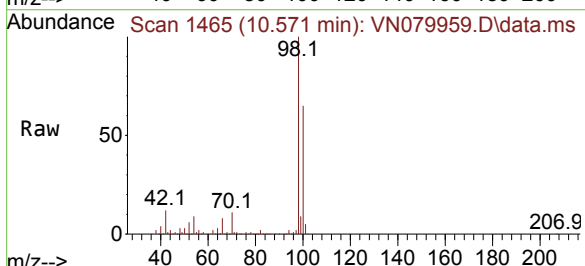
Acq: 07 Nov 2023 12:33

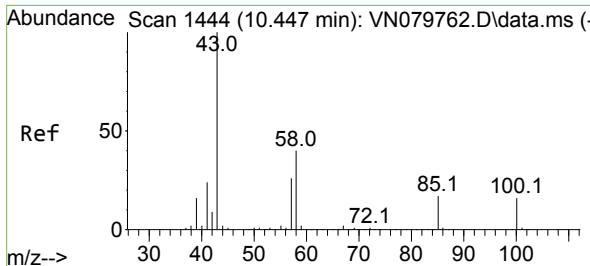
Tgt Ion: 98 Resp: 821272

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 318.345 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

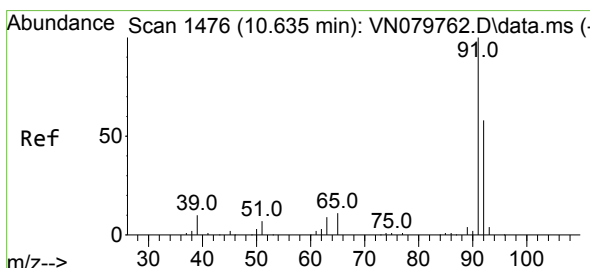
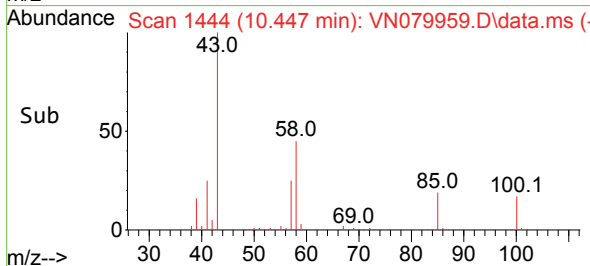
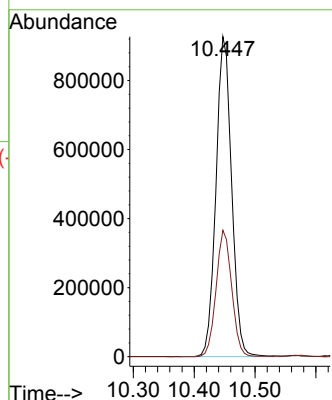
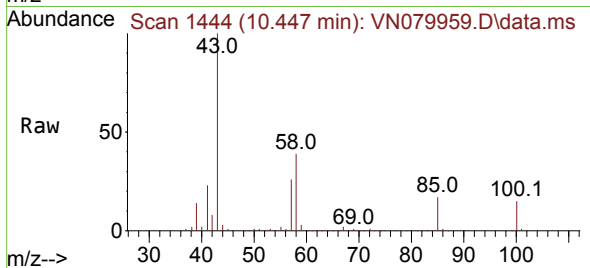
VSTDCCC050

Tgt Ion: 43 Resp: 1653737

Ion Ratio Lower Upper

43 100

58 39.5 36.6 54.8



#52

Toluene

Concen: 56.468 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079959.D

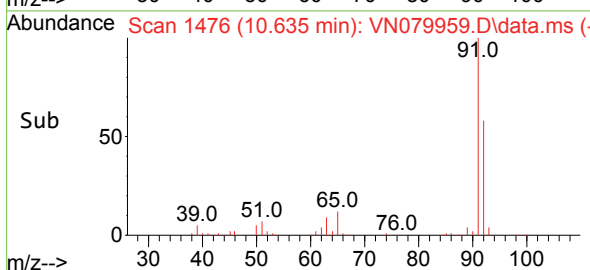
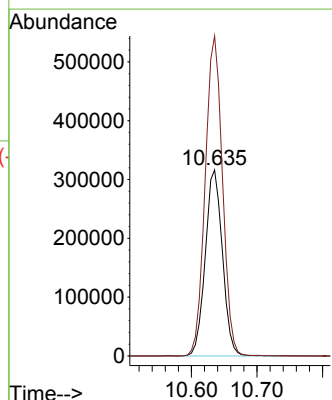
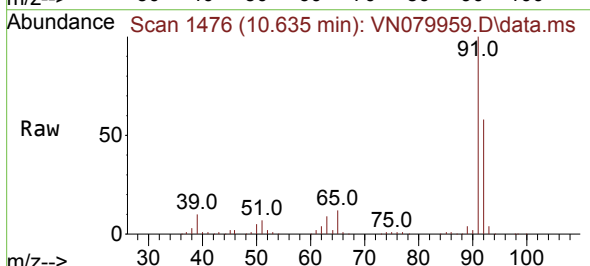
Acq: 07 Nov 2023 12:33

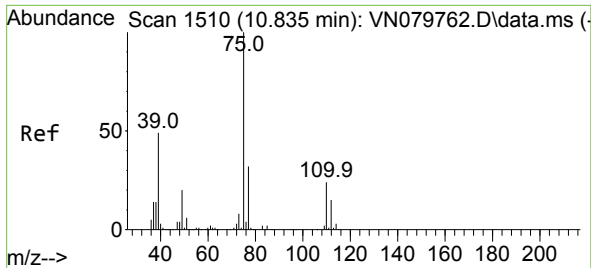
Tgt Ion: 92 Resp: 575230

Ion Ratio Lower Upper

92 100

91 173.4 137.4 206.0

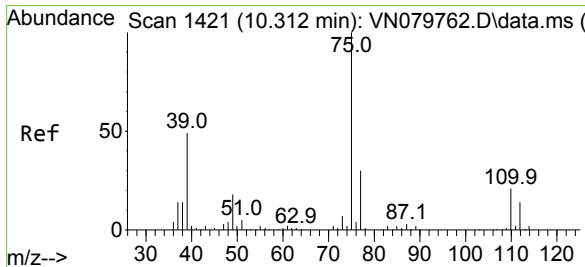
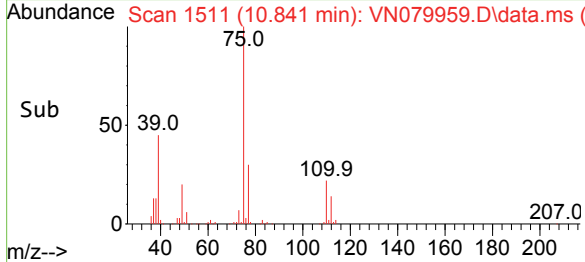
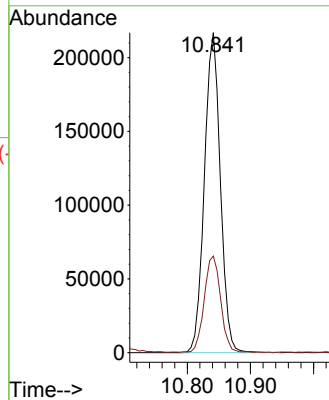
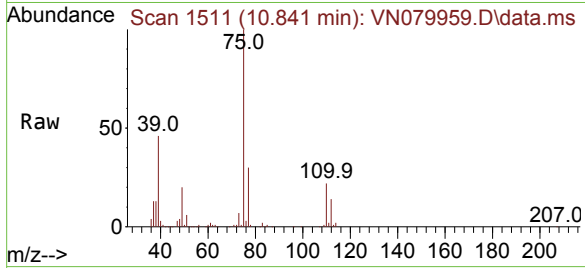




#53
 t-1,3-Dichloropropene
 Concen: 60.670 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079959.D
 Acq: 07 Nov 2023 12:33

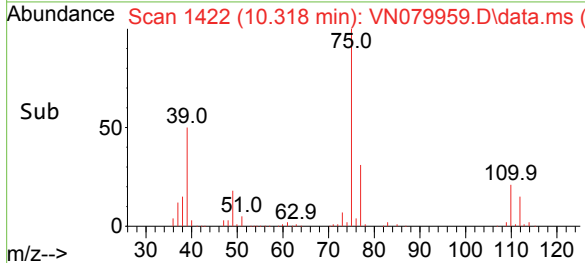
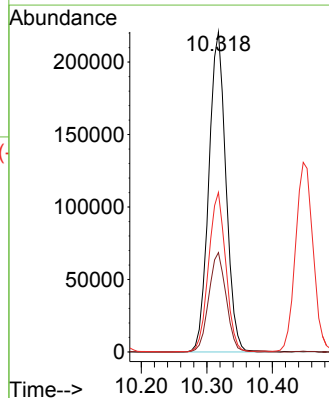
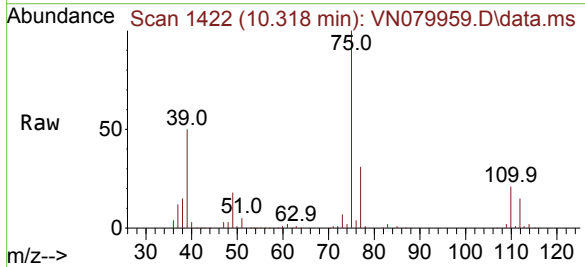
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

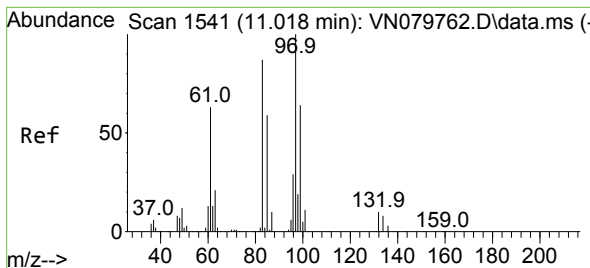
Tgt Ion: 75 Resp: 380331
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 58.678 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079959.D
 Acq: 07 Nov 2023 12:33

Tgt Ion: 75 Resp: 400939
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.1 39.1
 39 49.8 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 56.605 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 231931

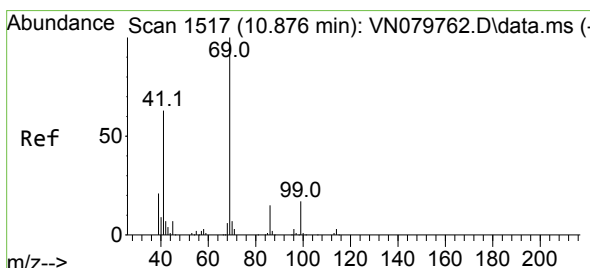
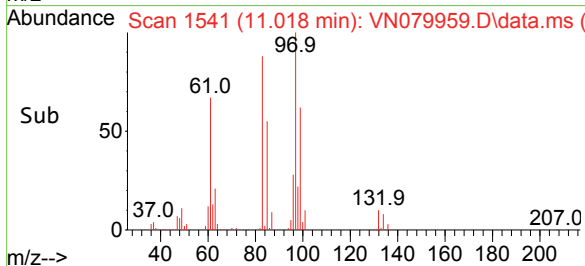
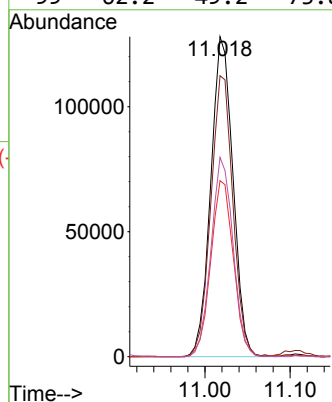
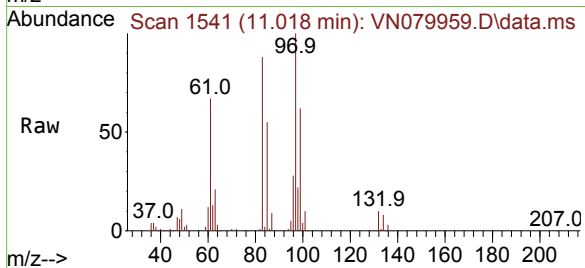
Ion Ratio Lower Upper

97 100

83 87.8 65.1 97.7

85 55.0 43.4 65.2

99 62.2 49.2 73.8



#56

Ethyl methacrylate

Concen: 63.955 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

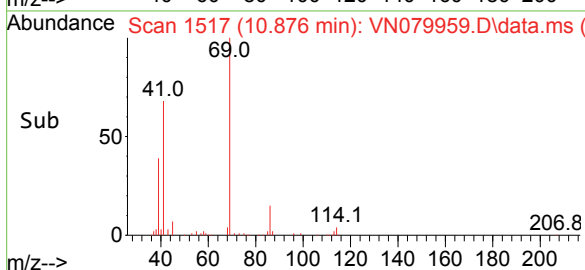
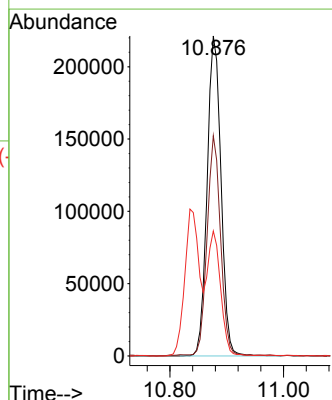
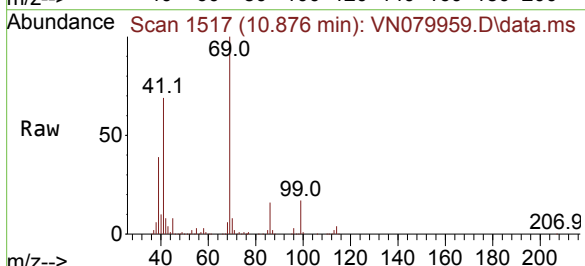
Tgt Ion: 69 Resp: 373782

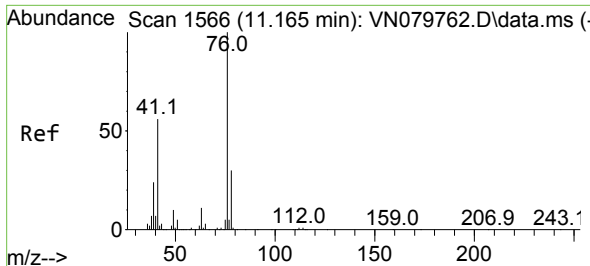
Ion Ratio Lower Upper

69 100

41 65.9 39.6 59.4#

39 36.7 28.6 43.0

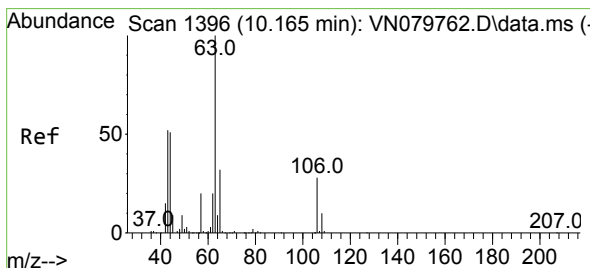
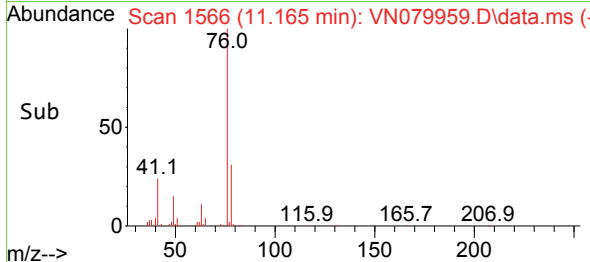
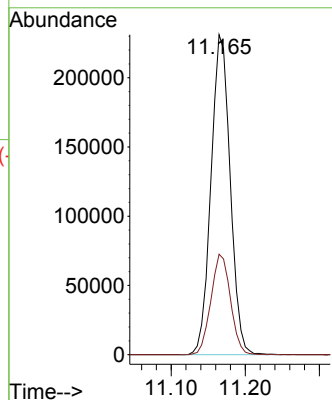
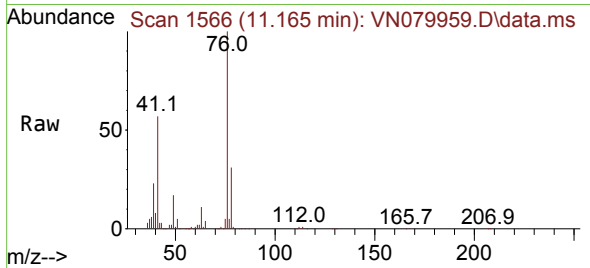




#57
1,3-Dichloropropane
Concen: 57.553 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

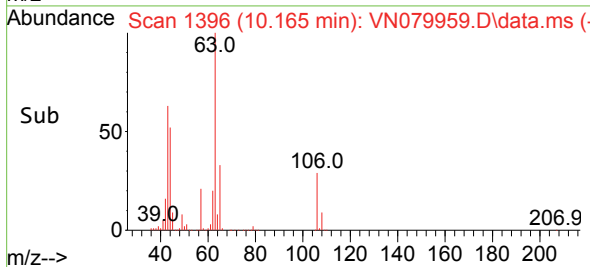
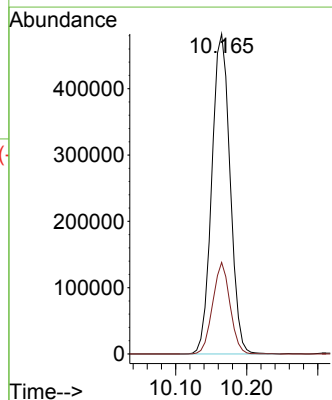
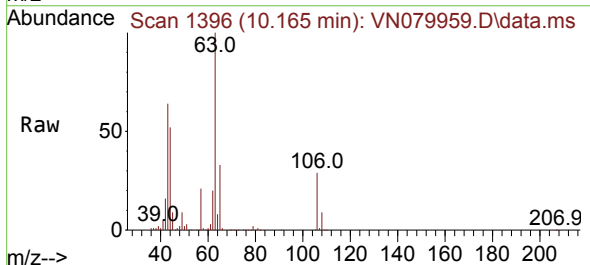
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

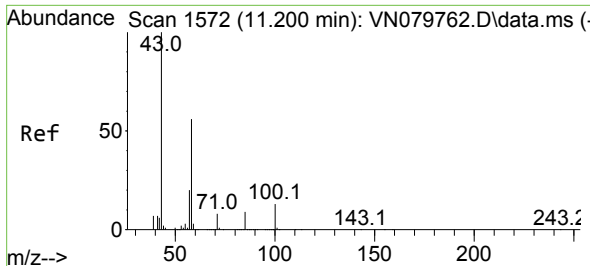
Tgt Ion: 76 Resp: 415660
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 290.350 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 63 Resp: 860068
Ion Ratio Lower Upper
63 100
106 27.1 26.2 39.4

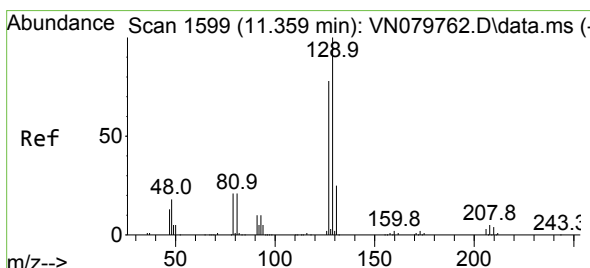
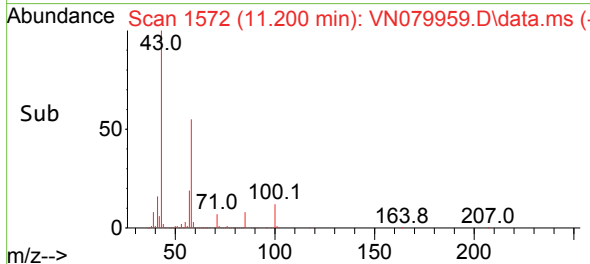
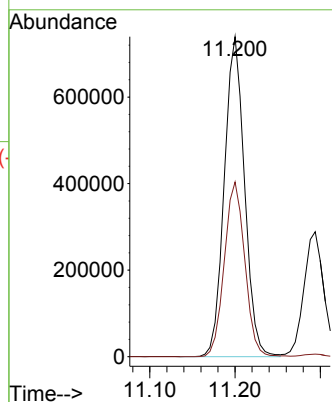
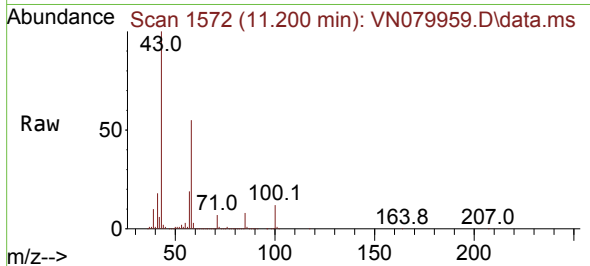




#59
2-Hexanone
Concen: 306.860 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

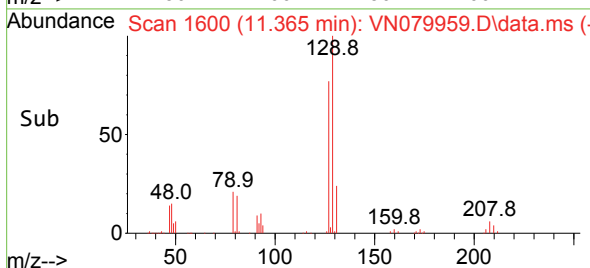
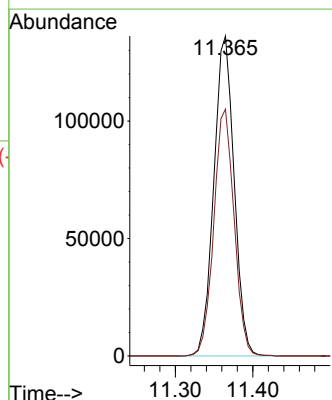
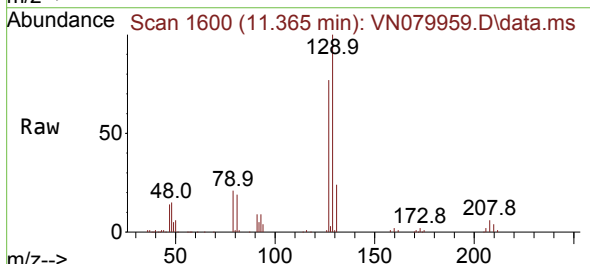
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

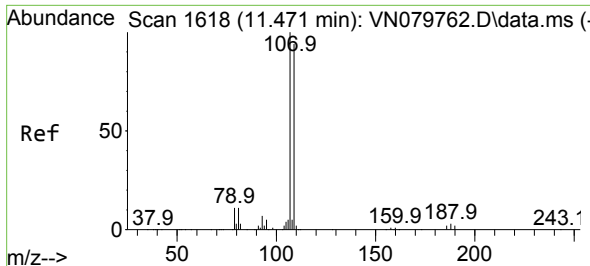
Tgt Ion: 43 Resp: 1219463
Ion Ratio Lower Upper
43 100
58 55.2 31.7 95.1



#60
Dibromochloromethane
Concen: 56.586 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 129 Resp: 248177
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

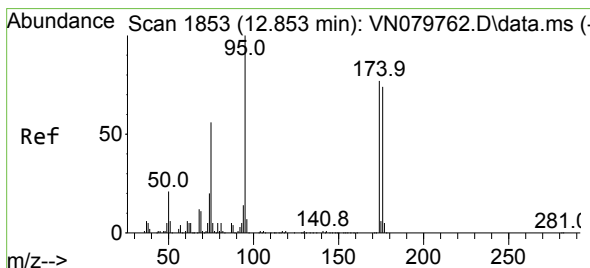
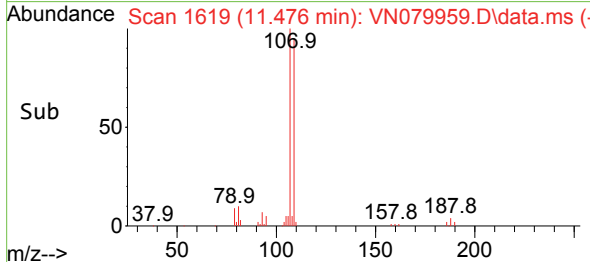
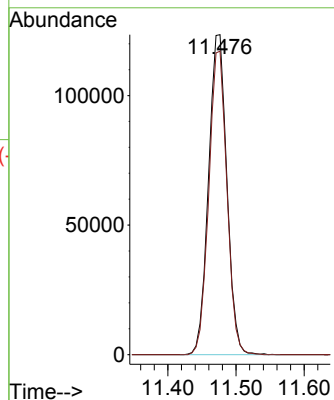
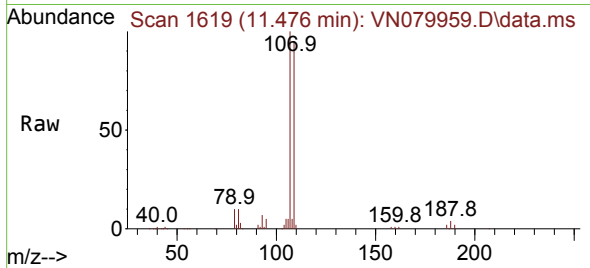




#61
1,2-Dibromoethane
Concen: 56.177 ug/l
RT: 11.476 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

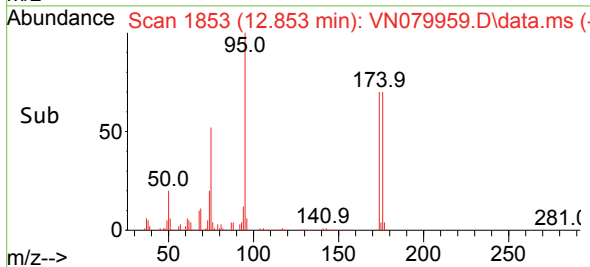
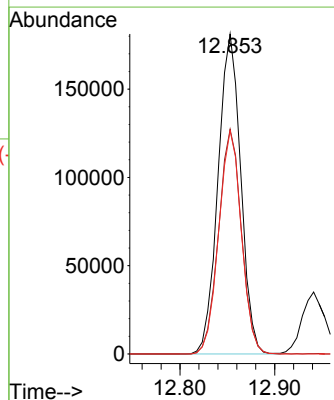
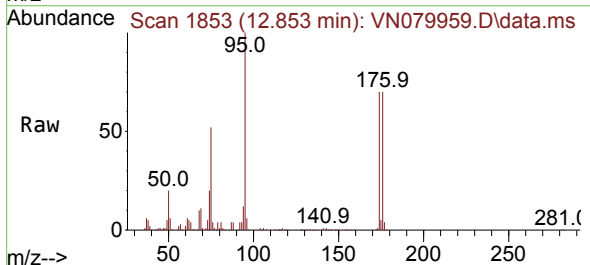
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

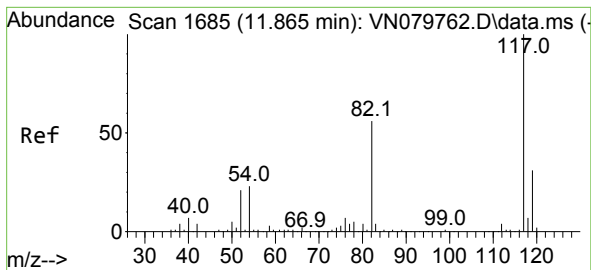
Tgt Ion:107 Resp: 231024
Ion Ratio Lower Upper
107 100
109 93.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 61.602 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 95 Resp: 302200
Ion Ratio Lower Upper
95 100
174 70.6 0.0 143.8
176 69.3 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: VN079959.D

Acq: 07 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

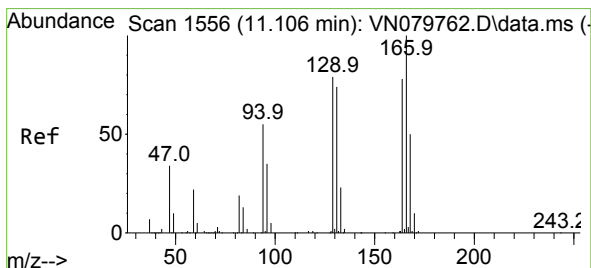
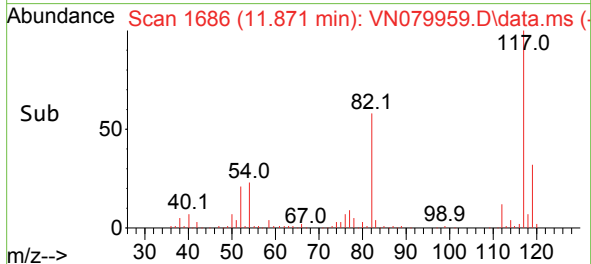
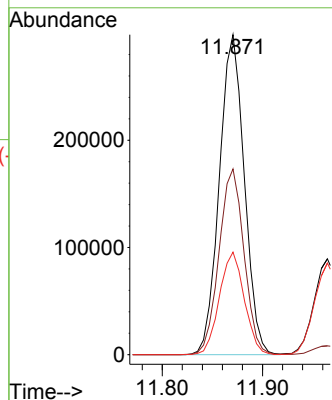
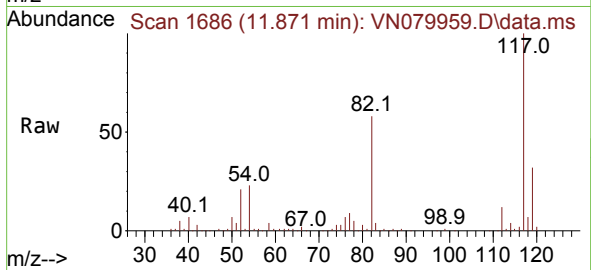
Tgt Ion:117 Resp: 515166

Ion Ratio Lower Upper

117 100

82 58.1 44.0 66.0

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 51.613 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

Tgt Ion:164 Resp: 172207

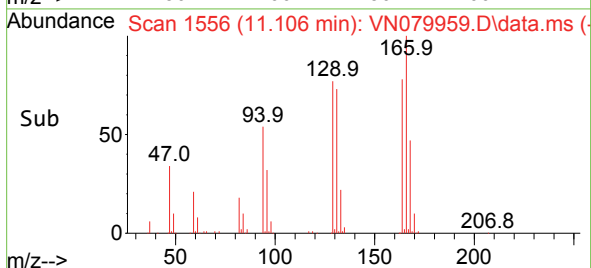
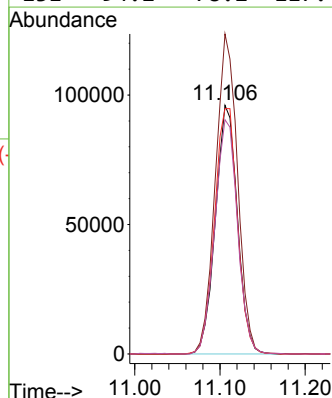
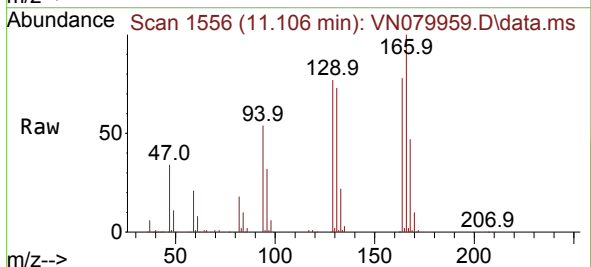
Ion Ratio Lower Upper

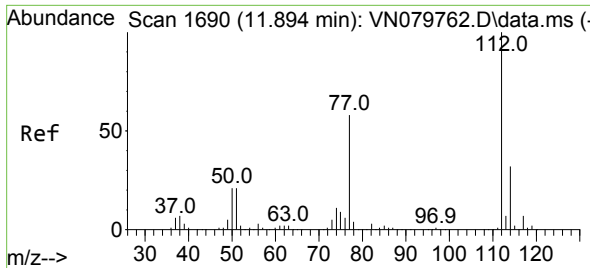
164 100

166 128.7 101.4 152.0

129 98.7 82.4 123.6

131 94.2 78.2 117.4

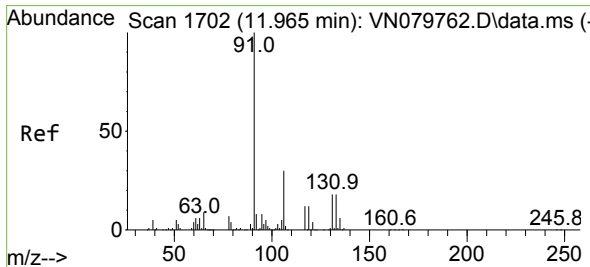
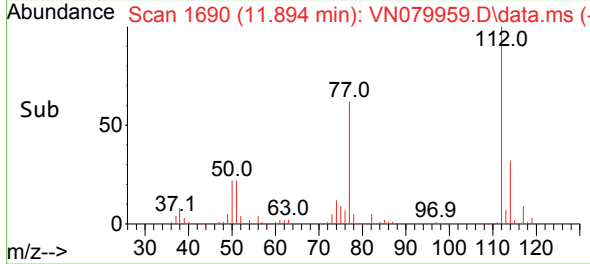
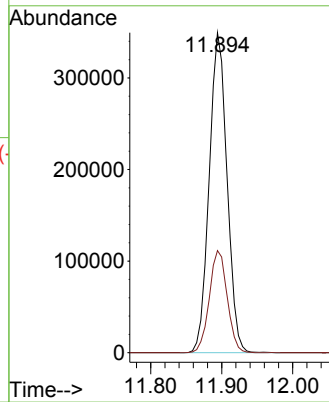
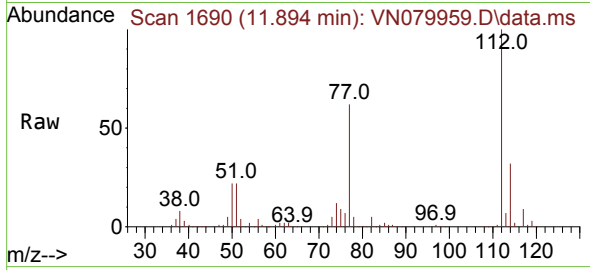




#65
Chlorobenzene
Concen: 54.490 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

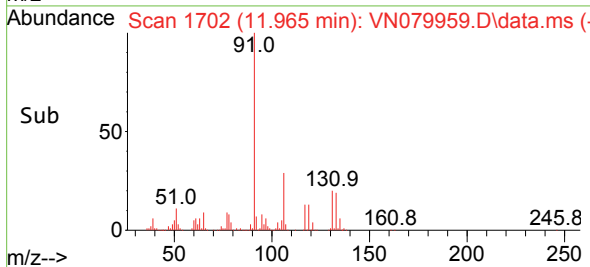
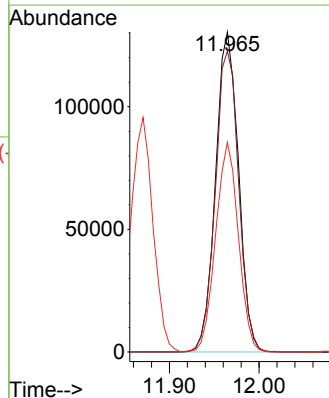
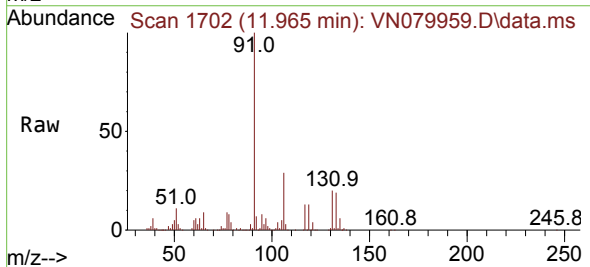
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

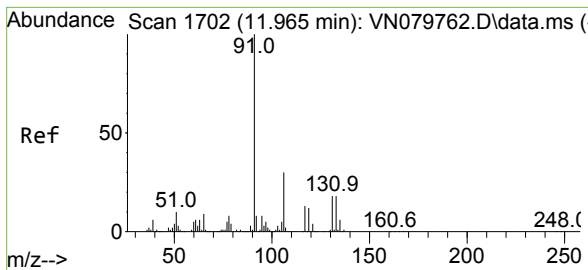
Tgt Ion:112 Resp: 608925
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 57.385 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion:131 Resp: 231045
Ion Ratio Lower Upper
131 100
133 96.0 46.4 139.1
119 65.1 34.1 102.2

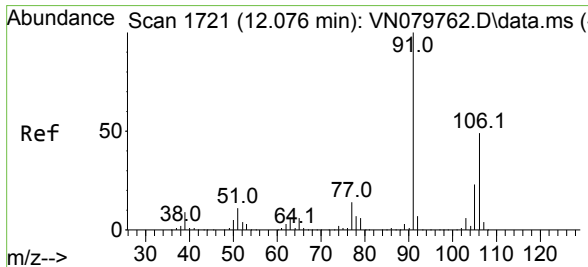
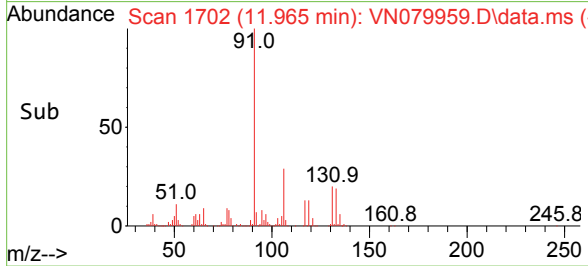
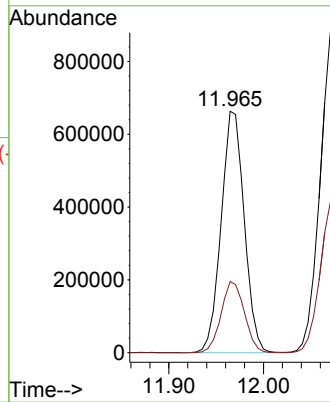
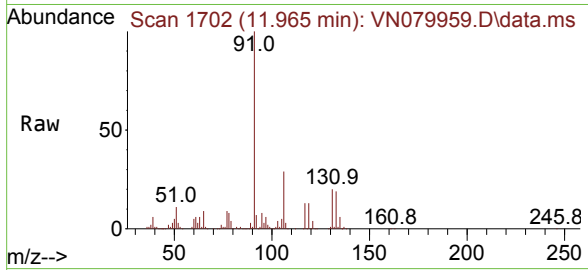




#67
Ethyl Benzene
Concen: 57.729 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

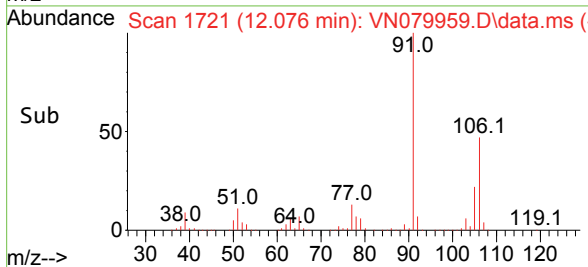
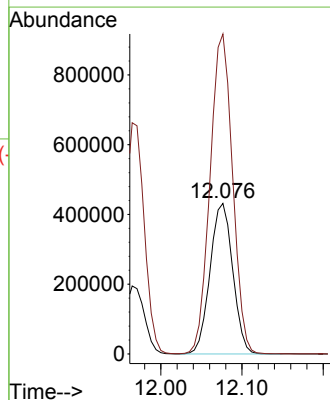
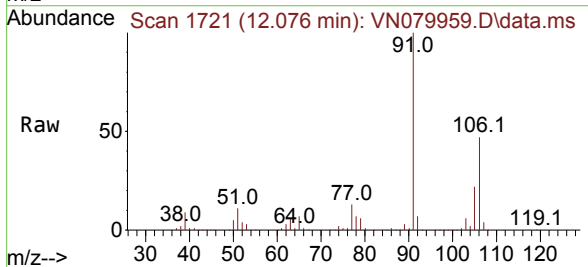
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

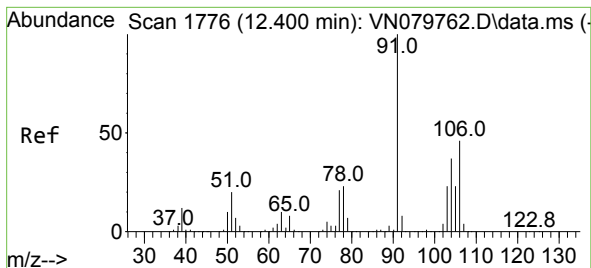
Tgt Ion: 91 Resp: 1123967
Ion Ratio Lower Upper
91 100
106 29.4 25.6 38.4



#68
m/p-Xylenes
Concen: 115.516 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion:106 Resp: 837812
Ion Ratio Lower Upper
106 100
91 211.3 159.6 239.4





#69

o-Xylene

Concen: 58.357 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

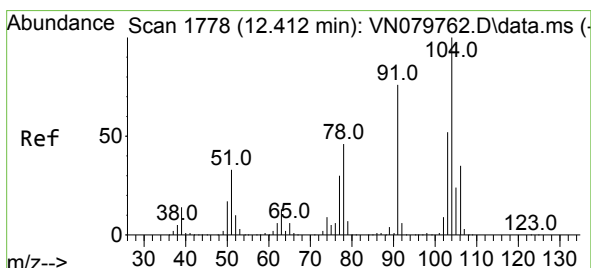
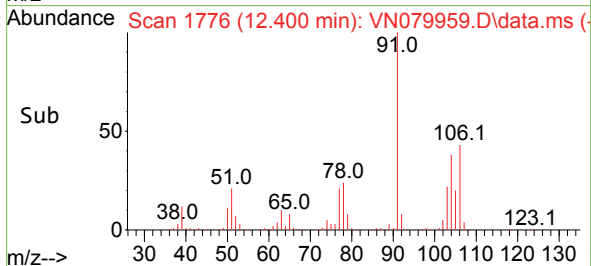
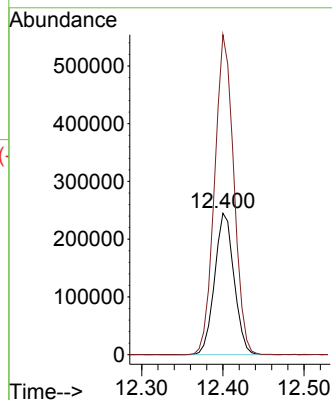
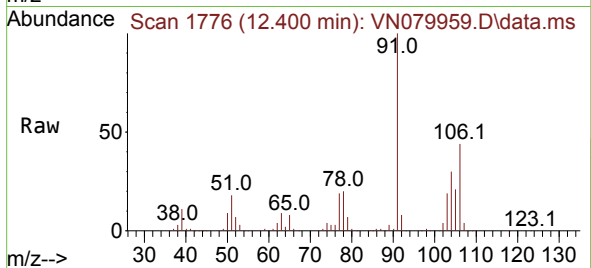
VSTDCCC050

Tgt Ion:106 Resp: 407565

Ion Ratio Lower Upper

106 100

91 223.9 105.2 315.5



#70

Styrene

Concen: 61.297 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

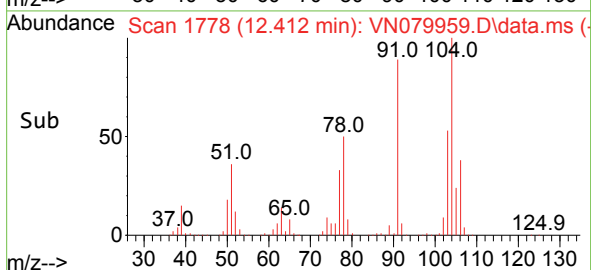
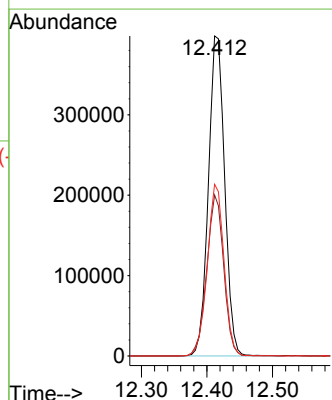
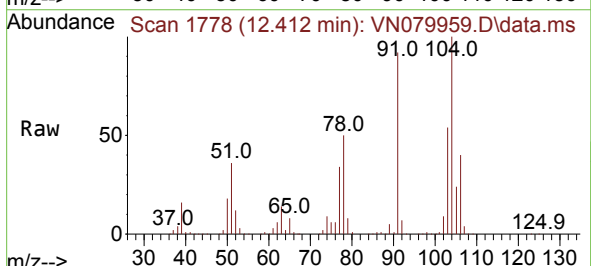
Tgt Ion:104 Resp: 687988

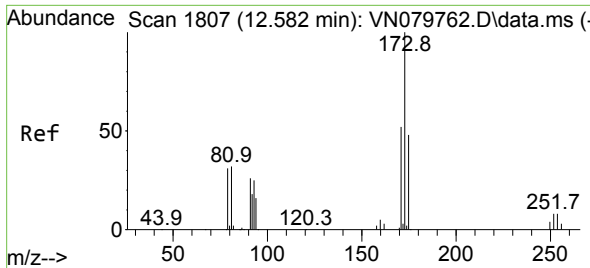
Ion Ratio Lower Upper

104 100

78 52.4 39.5 59.3

103 55.1 43.2 64.8

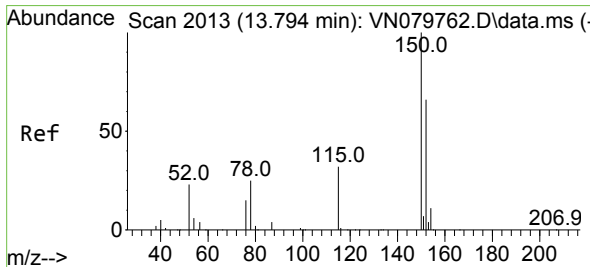
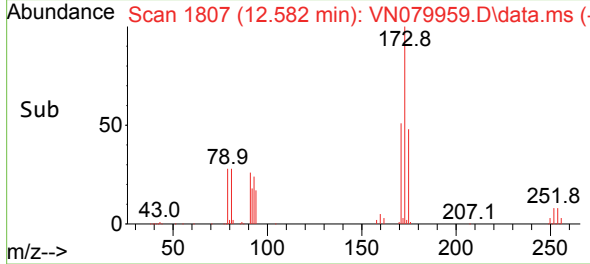
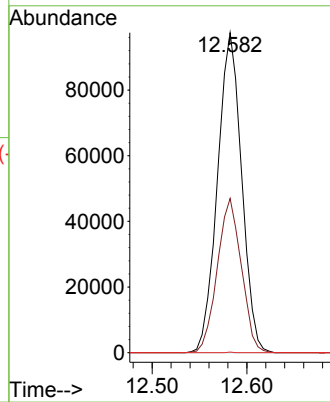
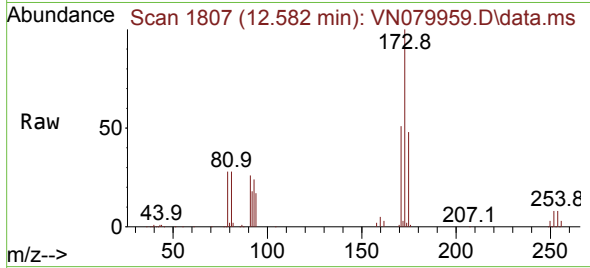




#71
Bromoform
Concen: 60.365 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

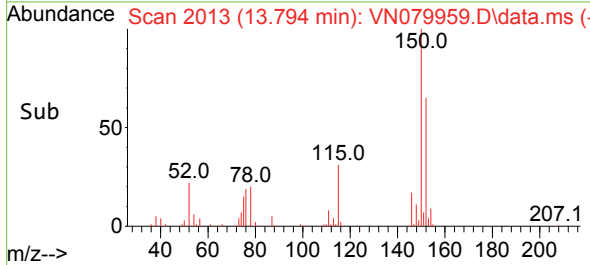
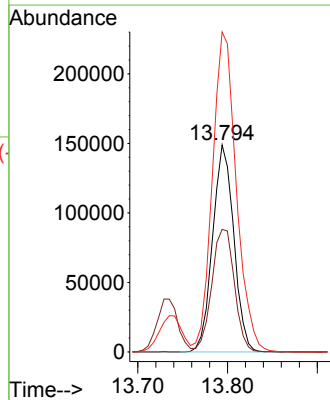
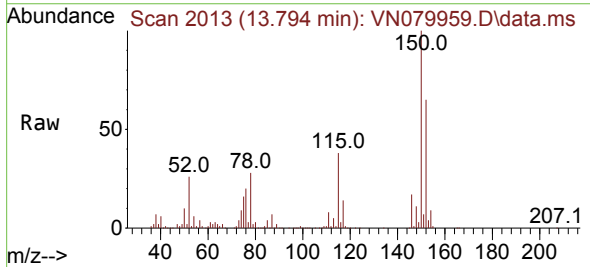
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

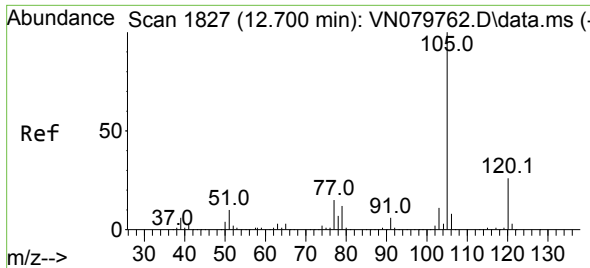
Tgt Ion:173 Resp: 172581
Ion Ratio Lower Upper
173 100
175 48.0 24.3 73.0
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion:152 Resp: 243820
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 174.6 0.0 355.8

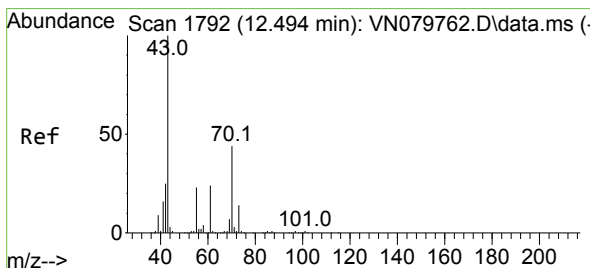
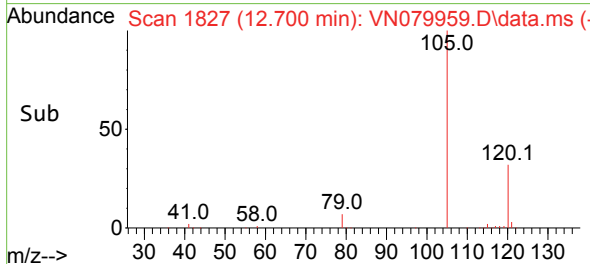
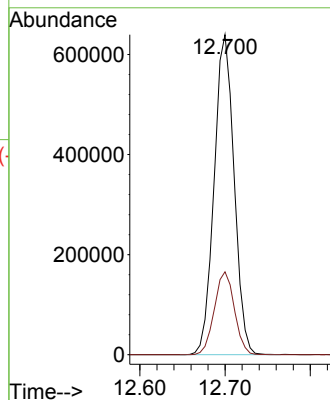
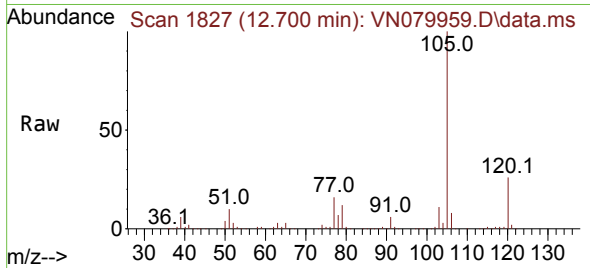




#73
Isopropylbenzene
Concen: 56.203 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

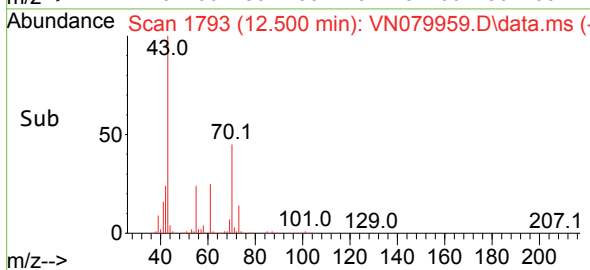
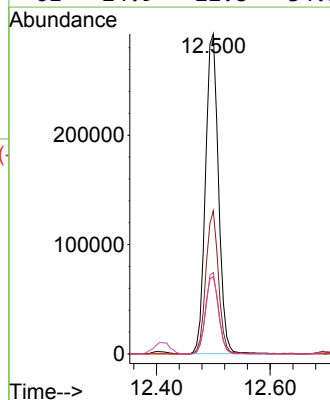
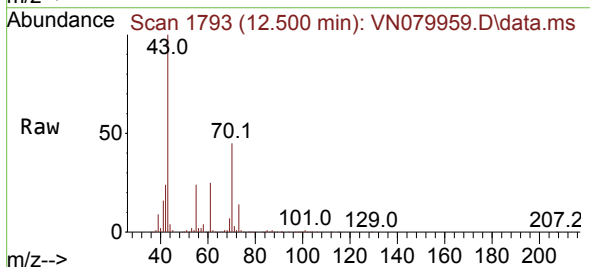
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

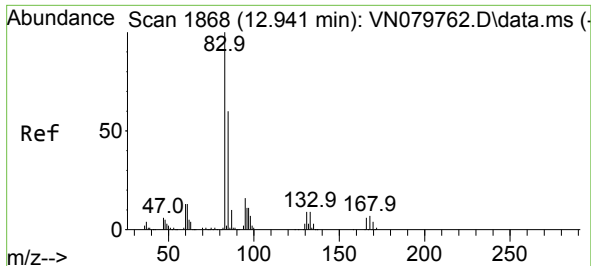
Tgt Ion:105 Resp: 1040007
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 57.121 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 43 Resp: 461363
Ion Ratio Lower Upper
43 100
70 43.7 43.4 65.2
55 25.2 21.4 32.0
61 24.9 22.8 34.2

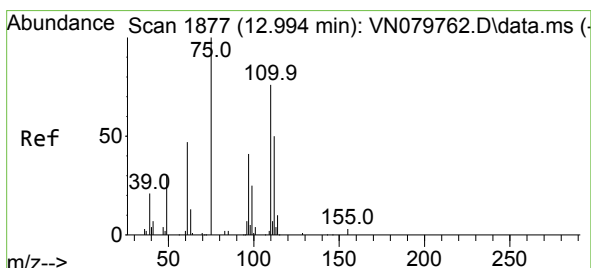
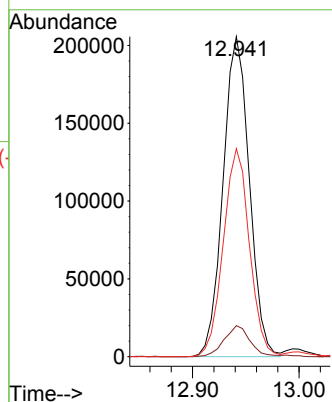
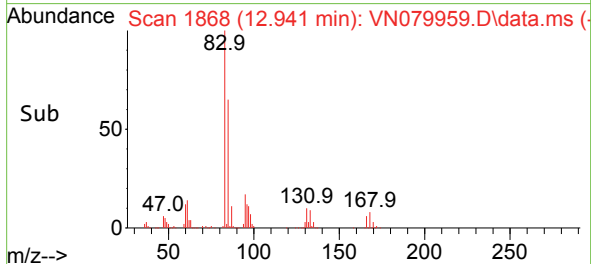
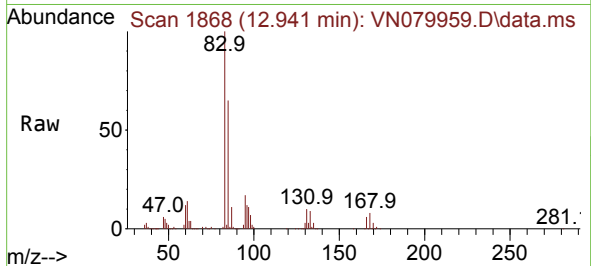




#75
1,1,2,2-Tetrachloroethane
Concen: 53.703 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

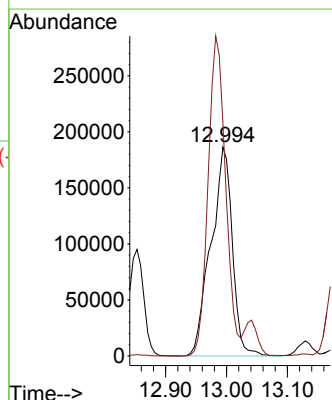
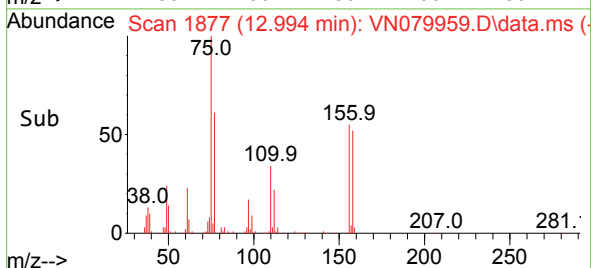
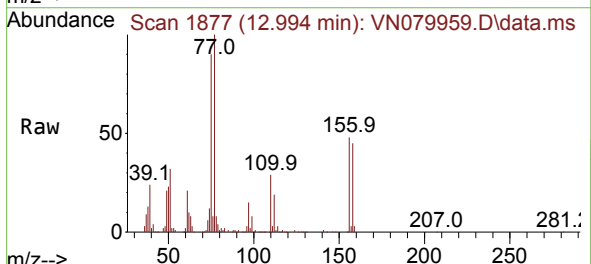
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

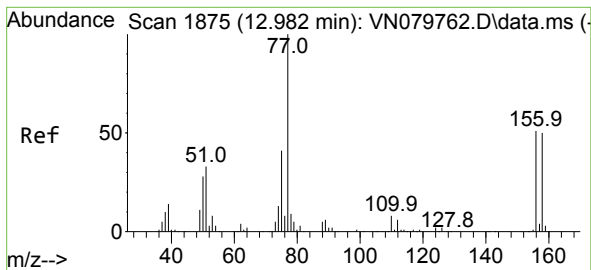
Tgt Ion: 83 Resp: 352338
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 64.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 79.371 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 75 Resp: 454332
Ion Ratio Lower Upper
75 100
77 125.7 84.5 253.5





#77

Bromobenzene

Concen: 54.743 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

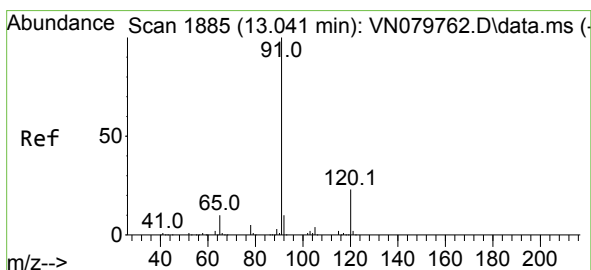
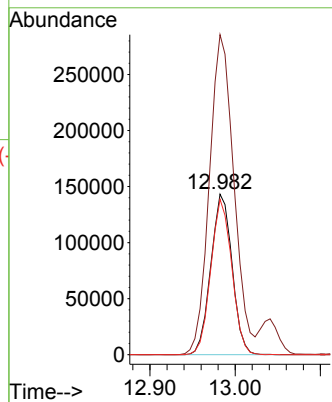
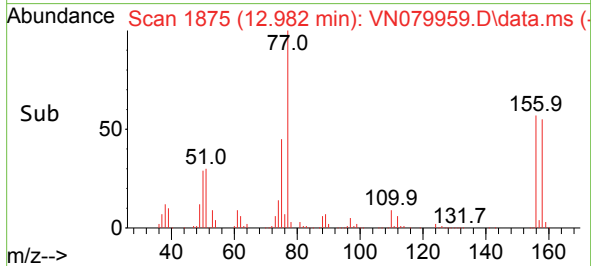
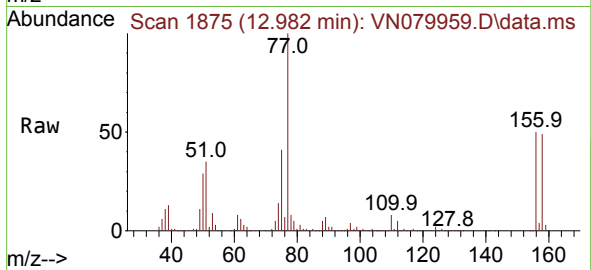
Tgt Ion:156 Resp: 248005

Ion Ratio Lower Upper

156 100

77 230.3 107.7 323.3

158 95.6 48.4 145.3



#78

n-propylbenzene

Concen: 57.836 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079959.D

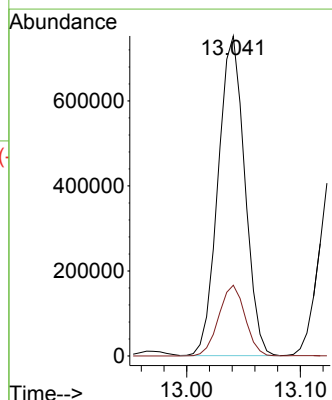
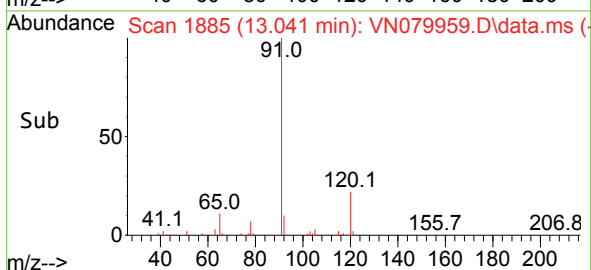
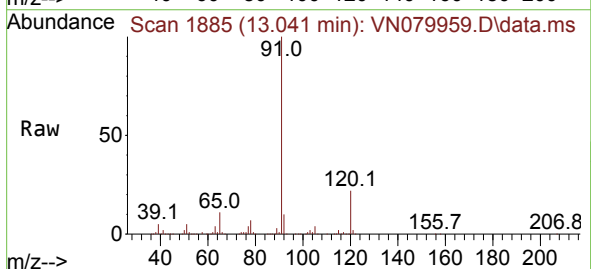
Acq: 07 Nov 2023 12:33

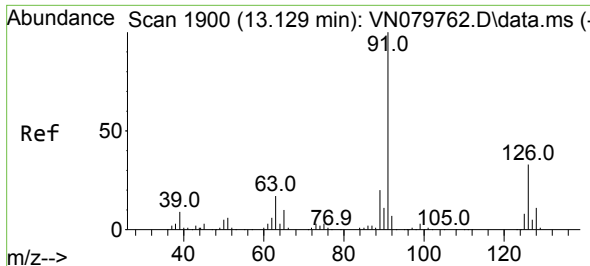
Tgt Ion: 91 Resp: 1225582

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4

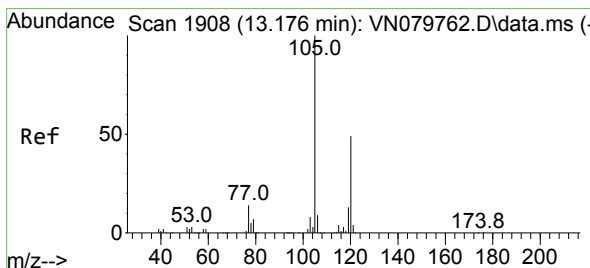
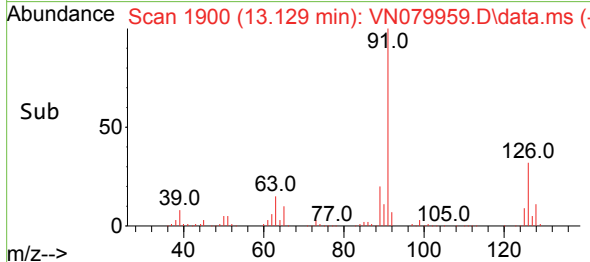
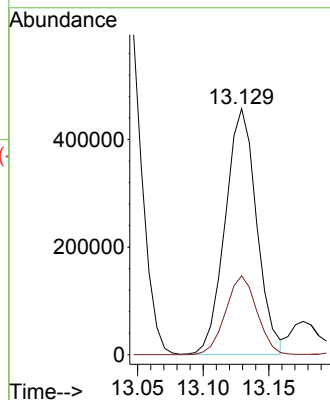
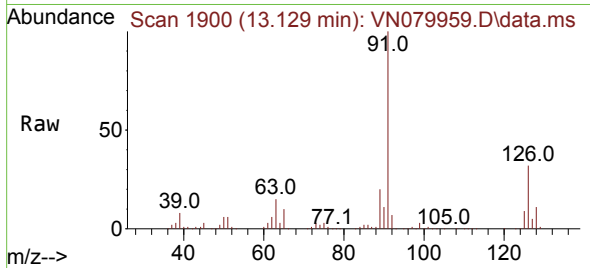




#79
2-Chlorotoluene
Concen: 56.407 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

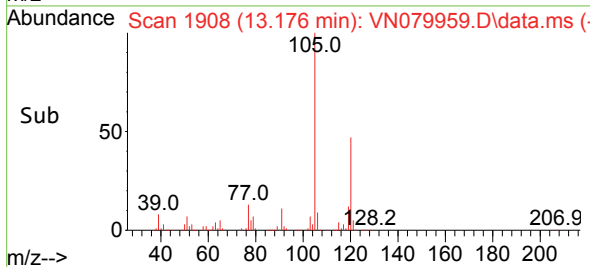
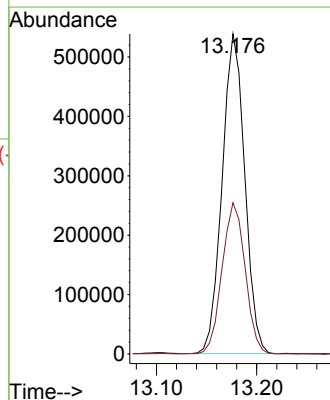
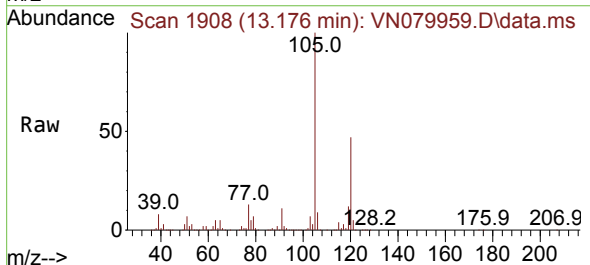
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MSVOA_N
ClientSampleId :
VSTDCCC050

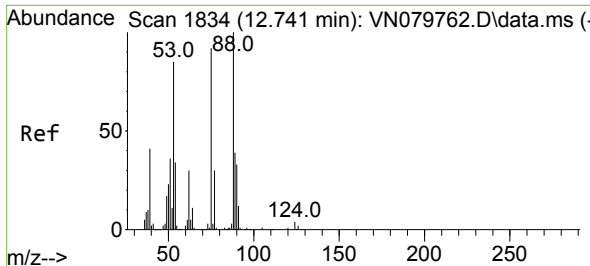
Tgt Ion: 91 Resp: 763590
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 58.573 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion:105 Resp: 843274
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3

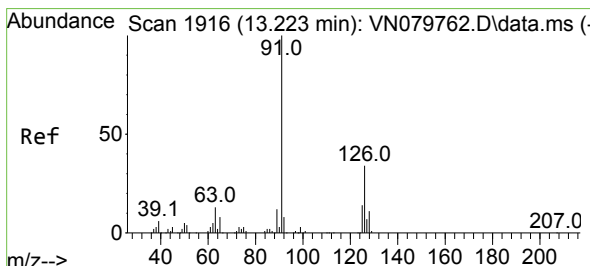
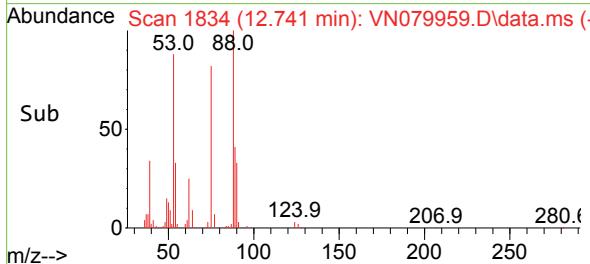
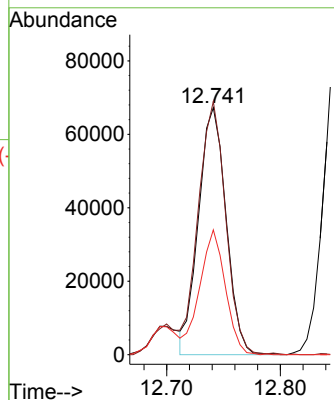
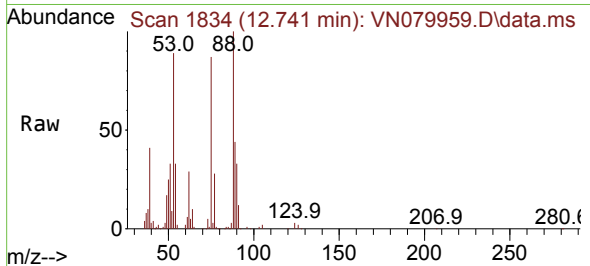




#81
trans-1,4-Dichloro-2-butene
Concen: 53.963 ug/l
RT: 12.741 min Scan# 113532
Delta R.T. 0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

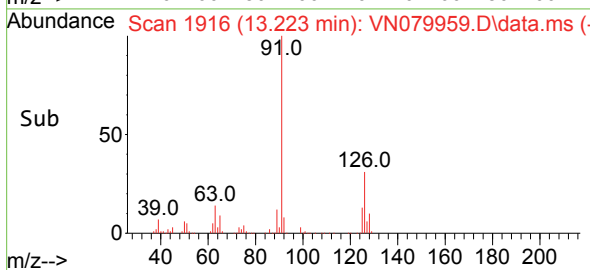
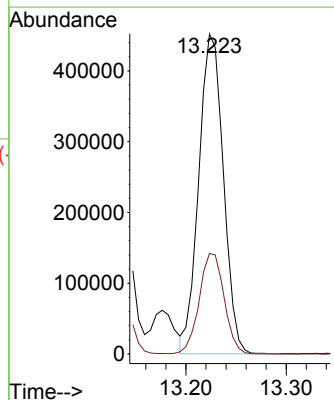
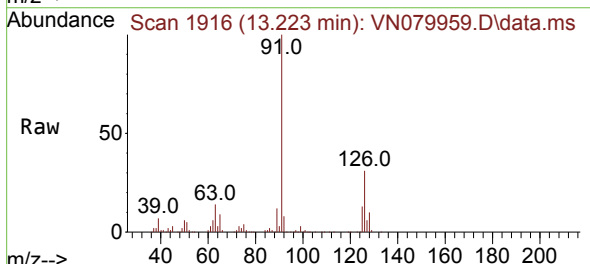
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

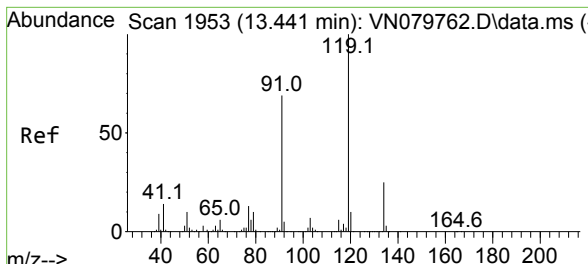
Tgt Ion: 75 Resp: 113532
Ion Ratio Lower Upper
75 100
53 103.9 67.4 101.2#
89 47.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 57.298 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 91 Resp: 770767
Ion Ratio Lower Upper
91 100
126 31.9 16.7 50.0

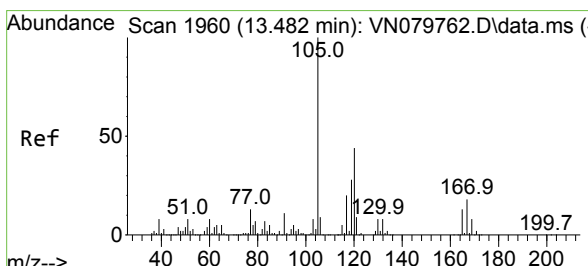
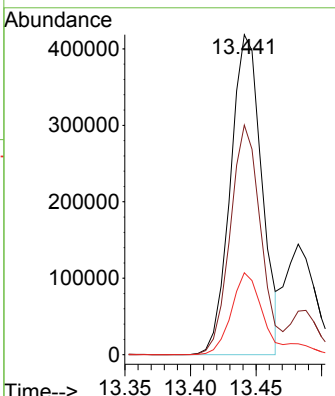
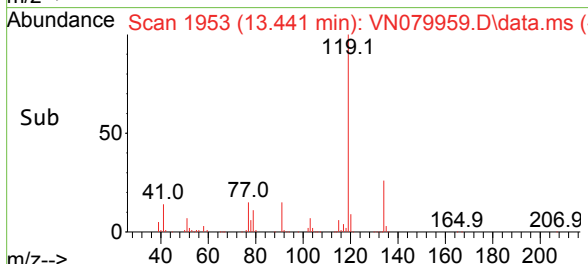
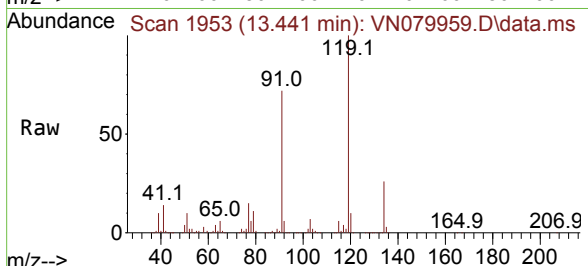




#83
 tert-Butylbenzene
 Concen: 59.072 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079959.D
 Acq: 07 Nov 2023 12:33

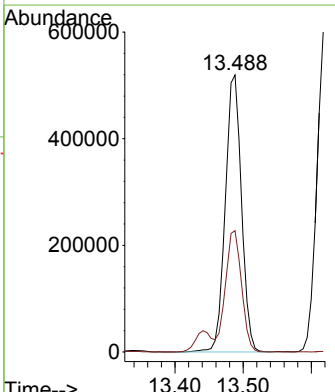
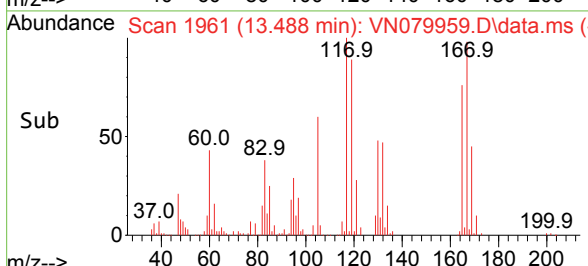
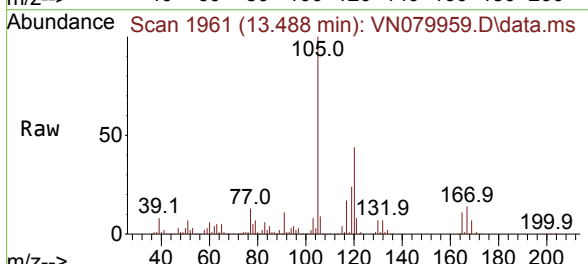
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

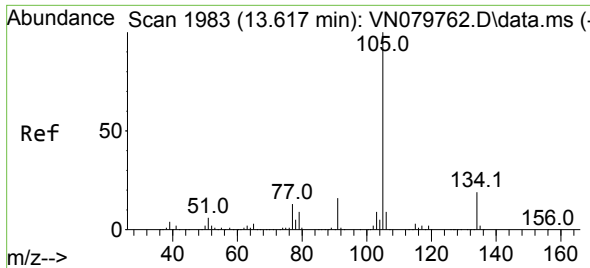
Tgt Ion:	119	Resp:	696142
Ion	Ratio	Lower	Upper
119	100		
91	70.4	33.9	101.7
134	27.7	13.2	39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 60.535 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN079959.D
 Acq: 07 Nov 2023 12:33

Tgt Ion:	105	Resp:	857461
Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.0	66.0

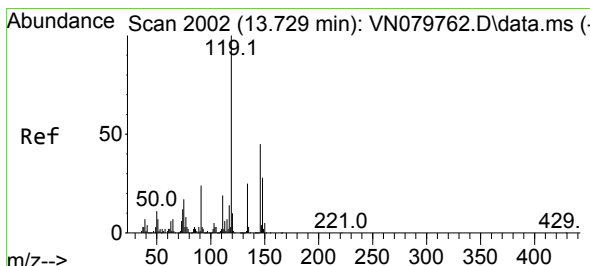
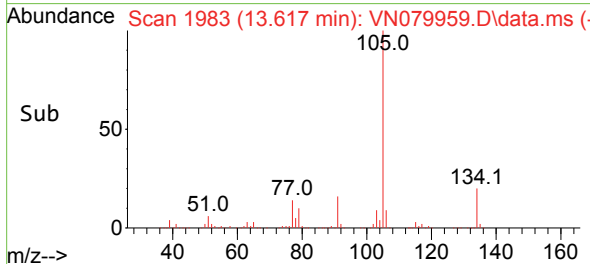
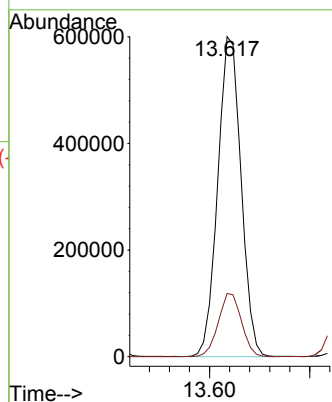
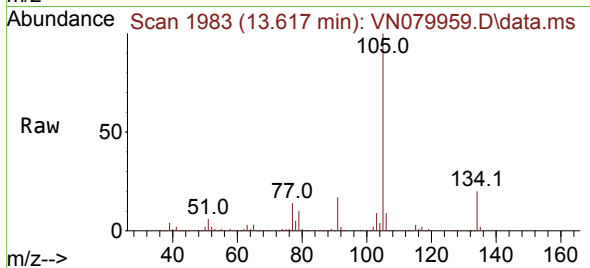




#85
 sec-Butylbenzene
 Concen: 59.370 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079959.D
 Acq: 07 Nov 2023 12:33

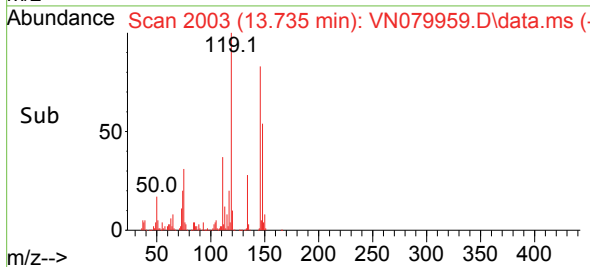
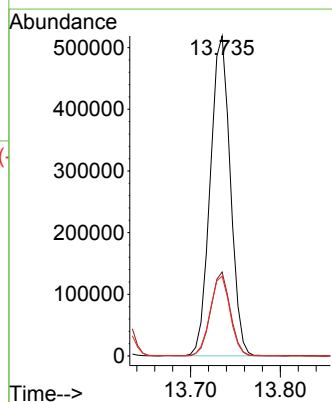
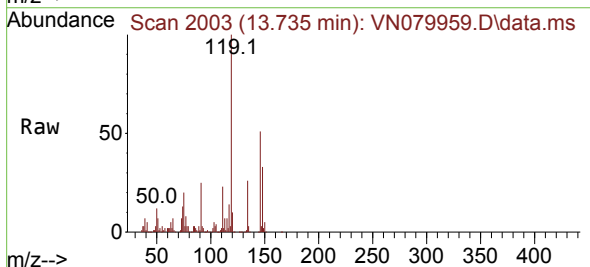
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

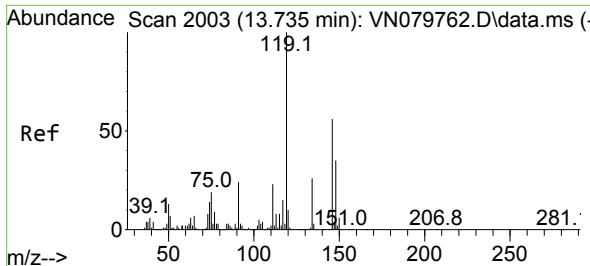
Tgt Ion:105 Resp: 969354
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 60.405 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079959.D
 Acq: 07 Nov 2023 12:33

Tgt Ion:119 Resp: 804085
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.8 12.4 37.2

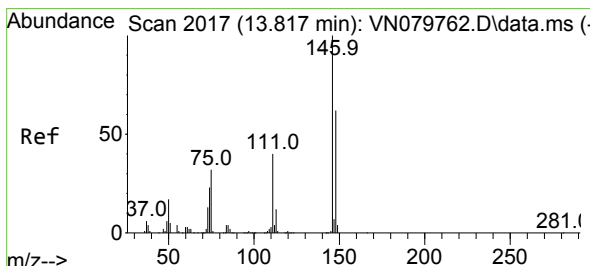
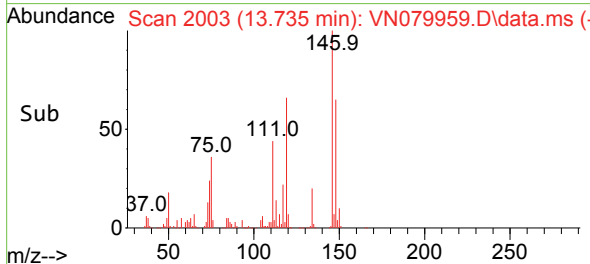
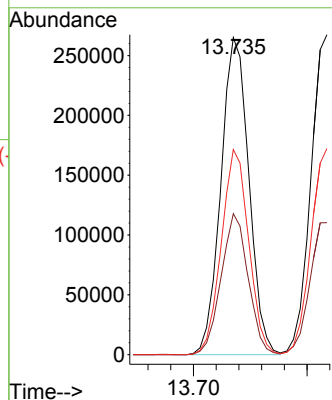
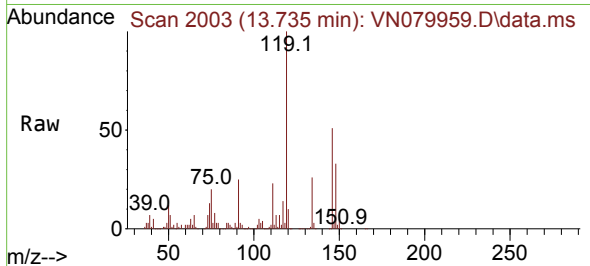




#87
1,3-Dichlorobenzene
Concen: 53.774 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

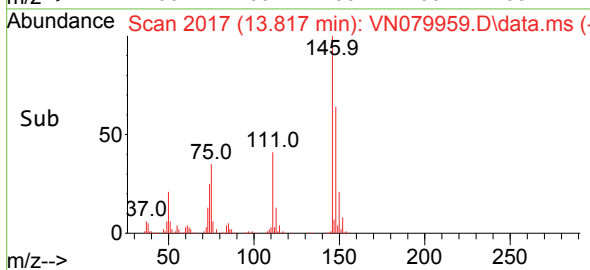
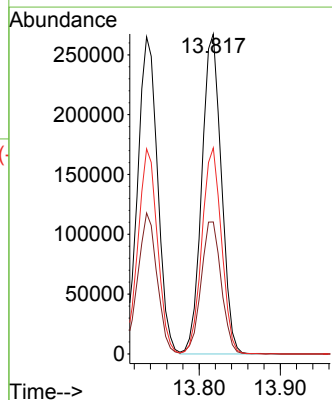
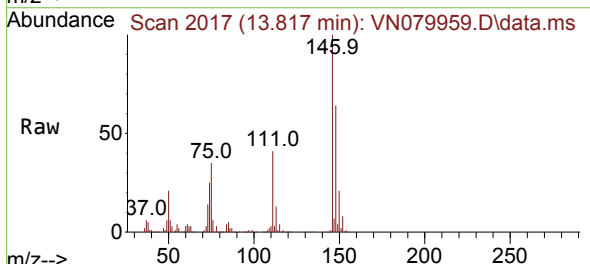
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

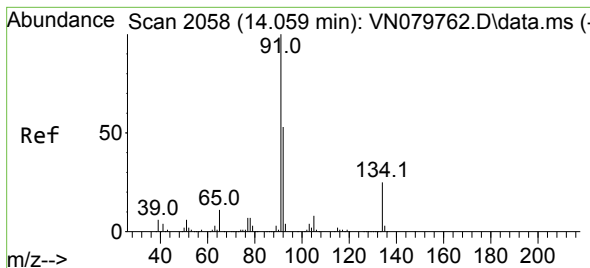
Tgt Ion:146 Resp: 453195
Ion Ratio Lower Upper
146 100
111 43.1 22.1 66.3
148 63.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 52.255 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion:146 Resp: 447008
Ion Ratio Lower Upper
146 100
111 42.4 20.6 61.8
148 64.4 31.6 94.8





#89

n-Butylbenzene

Concen: 60.541 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

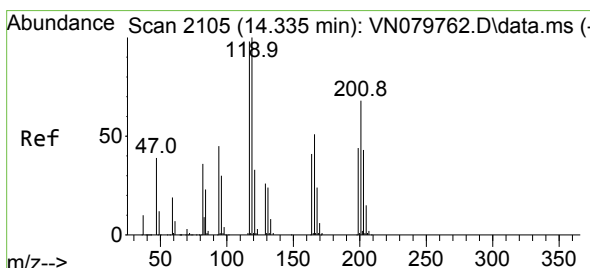
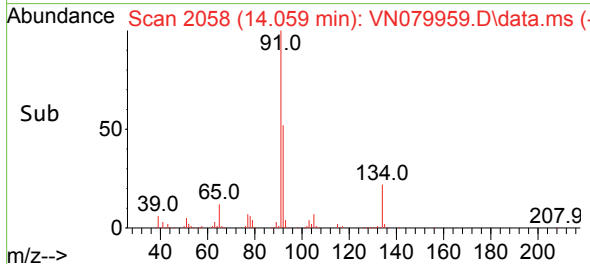
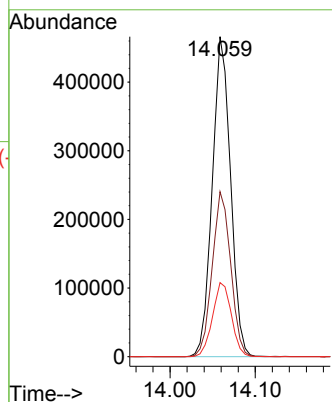
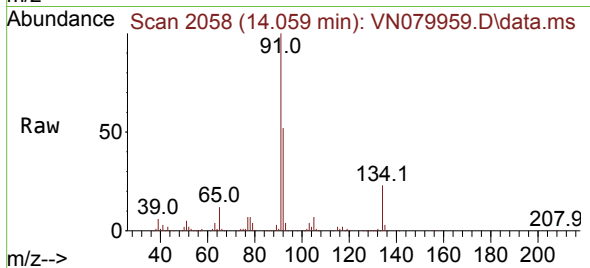
Tgt Ion: 91 Resp: 694122

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.0

134 23.9 12.6 37.6



#90

Hexachloroethane

Concen: 56.055 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079959.D

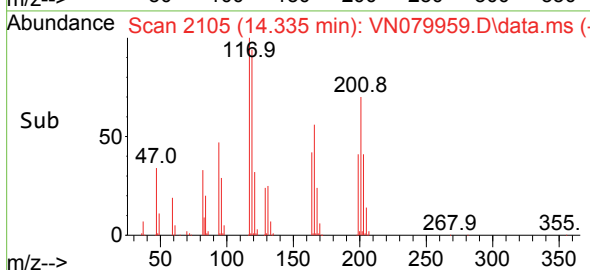
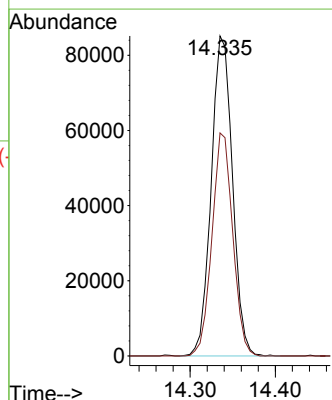
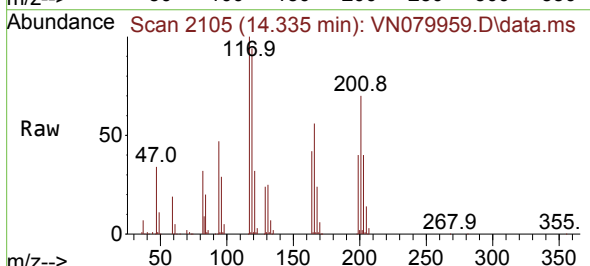
Acq: 07 Nov 2023 12:33

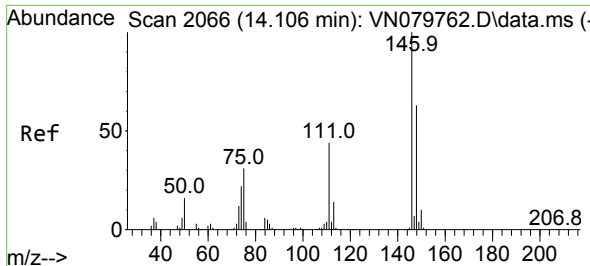
Tgt Ion: 117 Resp: 147777

Ion Ratio Lower Upper

117 100

201 68.1 29.3 88.0

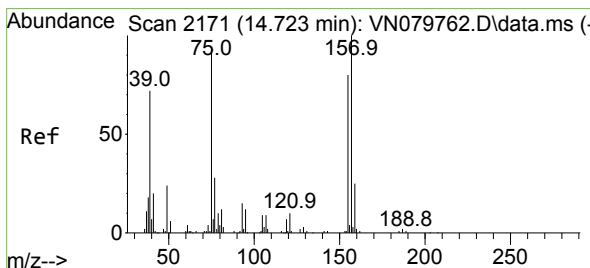
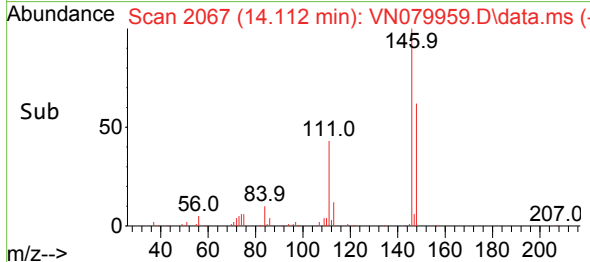
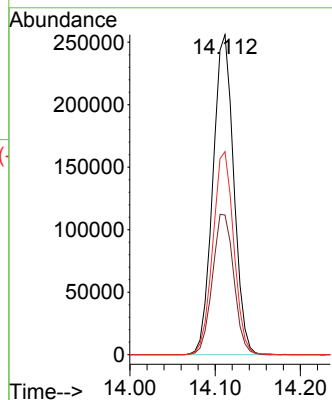
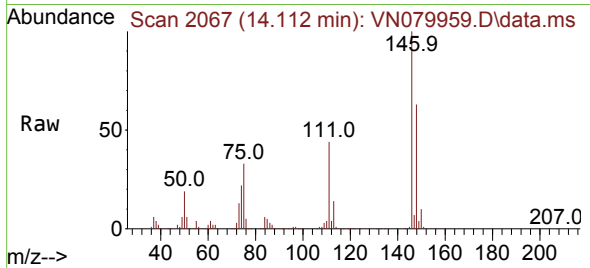




#91
1,2-Dichlorobenzene
Concen: 54.785 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

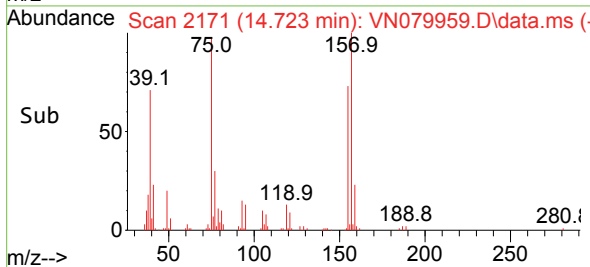
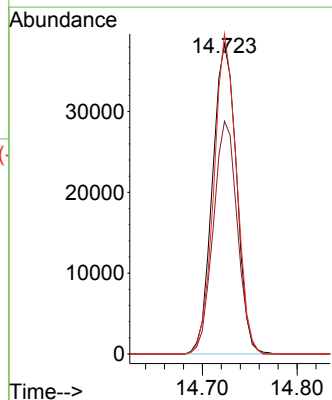
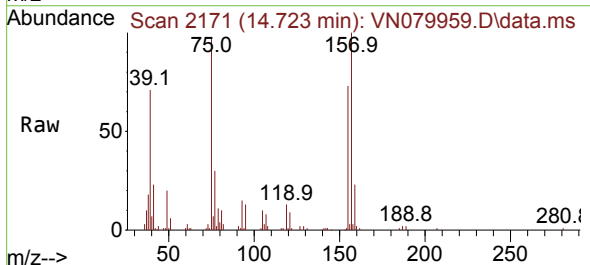
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

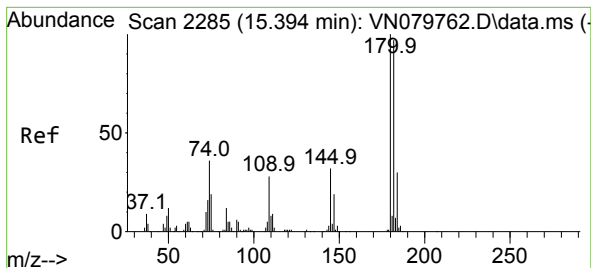
Tgt Ion:146 Resp: 435861
Ion Ratio Lower Upper
146 100
111 45.0 22.0 66.0
148 63.7 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.682 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079959.D
Acq: 07 Nov 2023 12:33

Tgt Ion: 75 Resp: 67515
Ion Ratio Lower Upper
75 100
155 75.3 39.1 117.2
157 97.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 56.846 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

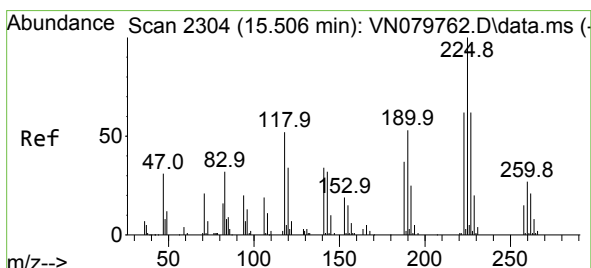
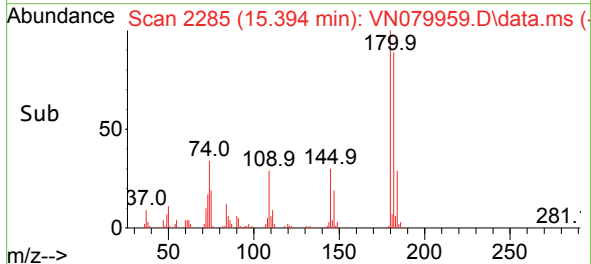
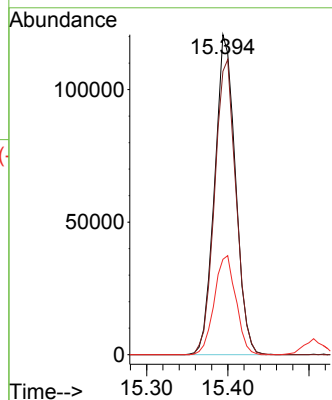
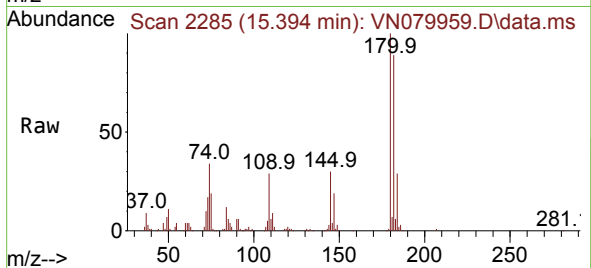
Tgt Ion:180 Resp: 215046

Ion Ratio Lower Upper

180 100

182 94.5 46.1 138.2

145 32.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 55.392 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

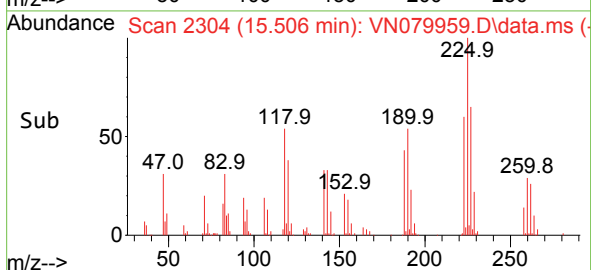
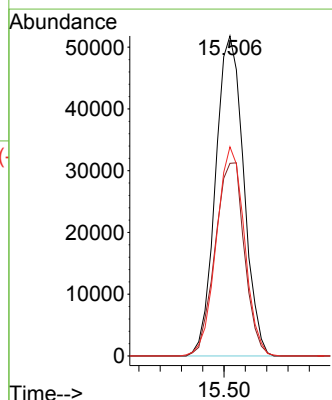
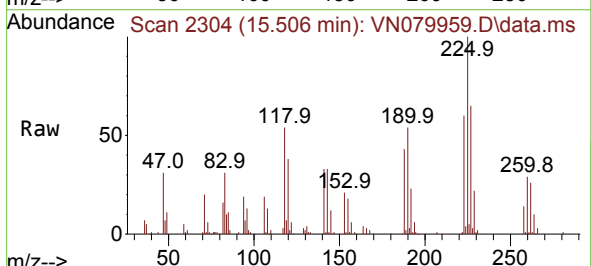
Tgt Ion:225 Resp: 94991

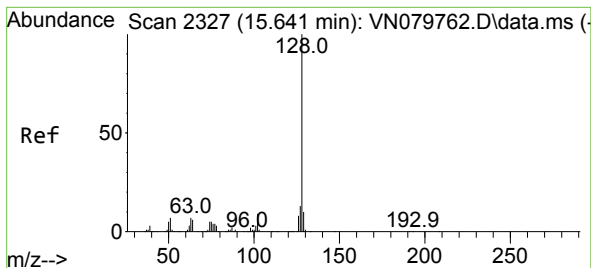
Ion Ratio Lower Upper

225 100

223 62.8 31.3 93.8

227 65.2 31.9 95.9





#95

Naphthalene

Concen: 56.038 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

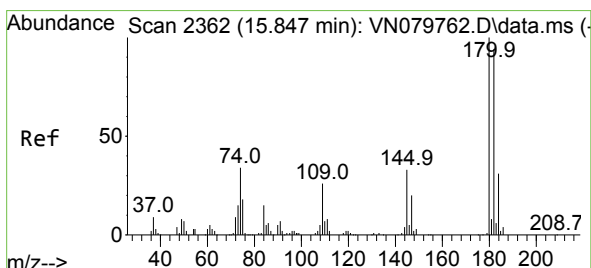
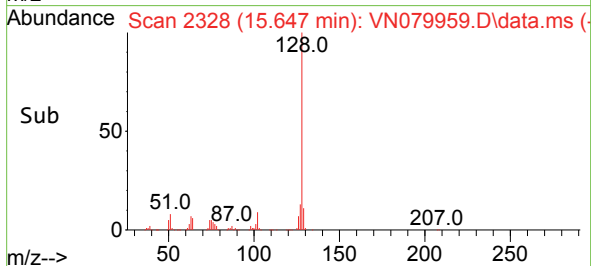
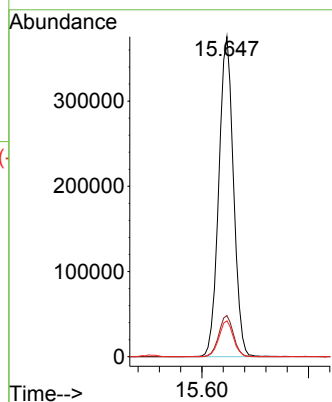
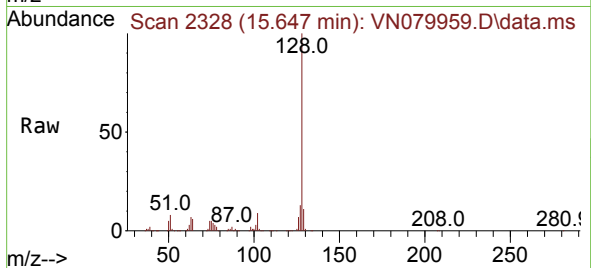
Tgt Ion:128 Resp: 718902

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 55.573 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079959.D

Acq: 07 Nov 2023 12:33

Tgt Ion:180 Resp: 206072

Ion Ratio Lower Upper

180 100

182 96.0 46.2 138.6

145 33.9 17.5 52.6

