

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079983.D
 Acq On : 07 Nov 2023 22:33
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Nov 08 04:39:33 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	339393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	599071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	551684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	258632	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	304435	58.876	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.760%	
35) Dibromofluoromethane	8.171	113	238784	56.317	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.640%	
50) Toluene-d8	10.571	98	879538	56.348	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.700%	
62) 4-Bromofluorobenzene	12.853	95	319461	61.711	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 123.420%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	198822	48.635	ug/l	97
3) Chloromethane	2.359	50	251162	49.357	ug/l	98
4) Vinyl Chloride	2.512	62	266411	49.785	ug/l	99
5) Bromomethane	2.942	94	163030	50.141	ug/l	99
6) Chloroethane	3.112	64	131952	31.207	ug/l	99
7) Trichlorofluoromethane	3.489	101	368449	55.358	ug/l	98
8) Diethyl Ether	3.959	74	134168	53.121	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.365	101	195010	50.542	ug/l	100
10) Methyl Iodide	4.589	142	234554	53.234	ug/l	99
11) Tert butyl alcohol	5.524	59	180285	273.131	ug/l	100
12) 1,1-Dichloroethene	4.336	96	186104	50.943	ug/l	85
13) Acrolein	4.177	56	137498	270.027	ug/l	99
14) Allyl chloride	5.024	41	306017	54.691	ug/l #	91
15) Acrylonitrile	5.724	53	599641	291.511	ug/l	99
16) Acetone	4.430	43	475386	261.736	ug/l	94
17) Carbon Disulfide	4.712	76	481449	45.689	ug/l	99
18) Methyl Acetate	5.024	43	513126	59.051	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	707514	56.253	ug/l	92
20) Methylene Chloride	5.277	84	234168	51.095	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	207378	50.898	ug/l #	75
22) Diisopropyl ether	6.677	45	784466	60.498	ug/l #	89
23) Vinyl Acetate	6.606	43	2018959	282.276	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	443296	56.247	ug/l	97
25) 2-Butanone	7.489	43	783347	294.526	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	319551	49.026	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	259602	53.266	ug/l	86
28) Bromochloromethane	7.818	49	220012	57.283	ug/l #	75
29) Tetrahydrofuran	7.841	42	525780	303.845	ug/l #	76
30) Chloroform	7.971	83	459815	53.711	ug/l	92
31) Cyclohexane	8.259	56	345835	50.615	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	389527	55.843	ug/l	95
36) 1,1-Dichloropropene	8.377	75	329416	54.413	ug/l	95
37) Ethyl Acetate	7.565	43	329218	59.295	ug/l #	91
38) Carbon Tetrachloride	8.365	117	325860	53.408	ug/l	98
39) Methylcyclohexane	9.606	83	312143	54.787	ug/l #	85
40) Benzene	8.612	78	985116	54.328	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	175941	59.674	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	364105	57.486	ug/l	97
43) Isopropyl Acetate	8.694	43	553302	56.825	ug/l #	90
44) Trichloroethene	9.359	130	233543	51.904	ug/l	98
45) 1,2-Dichloropropane	9.624	63	269261	58.107	ug/l	96
46) Dibromomethane	9.712	93	172091	54.389	ug/l	94
47) Bromodichloromethane	9.894	83	362298	53.690	ug/l	97
48) Methyl methacrylate	9.683	41	267436	62.706	ug/l #	77
49) 1,4-Dioxane	9.694	88	89750	1190.946	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1707933	311.564	ug/l	90
52) Toluene	10.635	92	605278	56.306	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	375107	56.704	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	405615	56.254	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	243836	56.395	ug/l	95
56) Ethyl methacrylate	10.877	69	374542	60.730	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	433431	56.871	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	883802	282.740	ug/l	89
59) 2-Hexanone	11.200	43	1220398	291.016	ug/l	90
60) Dibromochloromethane	11.365	129	256835	55.494	ug/l	99
61) 1,2-Dibromoethane	11.477	107	242355	55.846	ug/l	97
64) Tetrachloroethene	11.106	164	195273	54.652	ug/l	99
65) Chlorobenzene	11.894	112	633443	52.932	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	238675	55.356	ug/l	97
67) Ethyl Benzene	11.965	91	1166704	55.958	ug/l	94
68) m/p-Xylenes	12.076	106	870901	112.130	ug/l	93
69) o-Xylene	12.400	106	425876	56.942	ug/l	92
70) Styrene	12.418	104	712759	59.300	ug/l	96
71) Bromoform	12.582	173	176568	57.672	ug/l #	99
73) Isopropylbenzene	12.700	105	1072023	54.615	ug/l	99
74) N-amyl acetate	12.500	43	458813	53.552	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	366834	52.710	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	453959	74.764	ug/l	73
77) Bromobenzene	12.982	156	255427	53.152	ug/l	92
78) n-propylbenzene	13.041	91	1259296	56.024	ug/l	98
79) 2-Chlorotoluene	13.129	91	798111	55.581	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	889217	58.227	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	108279	48.519	ug/l #	84
82) 4-Chlorotoluene	13.223	91	791738	55.486	ug/l	98
83) tert-Butylbenzene	13.441	119	717956	57.434	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	893566	59.471	ug/l	99
85) sec-Butylbenzene	13.618	105	1023156	59.077	ug/l	100
86) p-Isopropyltoluene	13.735	119	844495	59.807	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	467674	52.314	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	461221	50.828	ug/l	99
89) n-Butylbenzene	14.059	91	719369	59.150	ug/l	99
90) Hexachloroethane	14.335	117	155334	55.547	ug/l	87
91) 1,2-Dichlorobenzene	14.112	146	456210	54.058	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	67003	56.772	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	225110	56.099	ug/l	98
94) Hexachlorobutadiene	15.506	225	102817	56.522	ug/l	100
95) Naphthalene	15.647	128	726373	53.378	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	218031	55.430	ug/l	97

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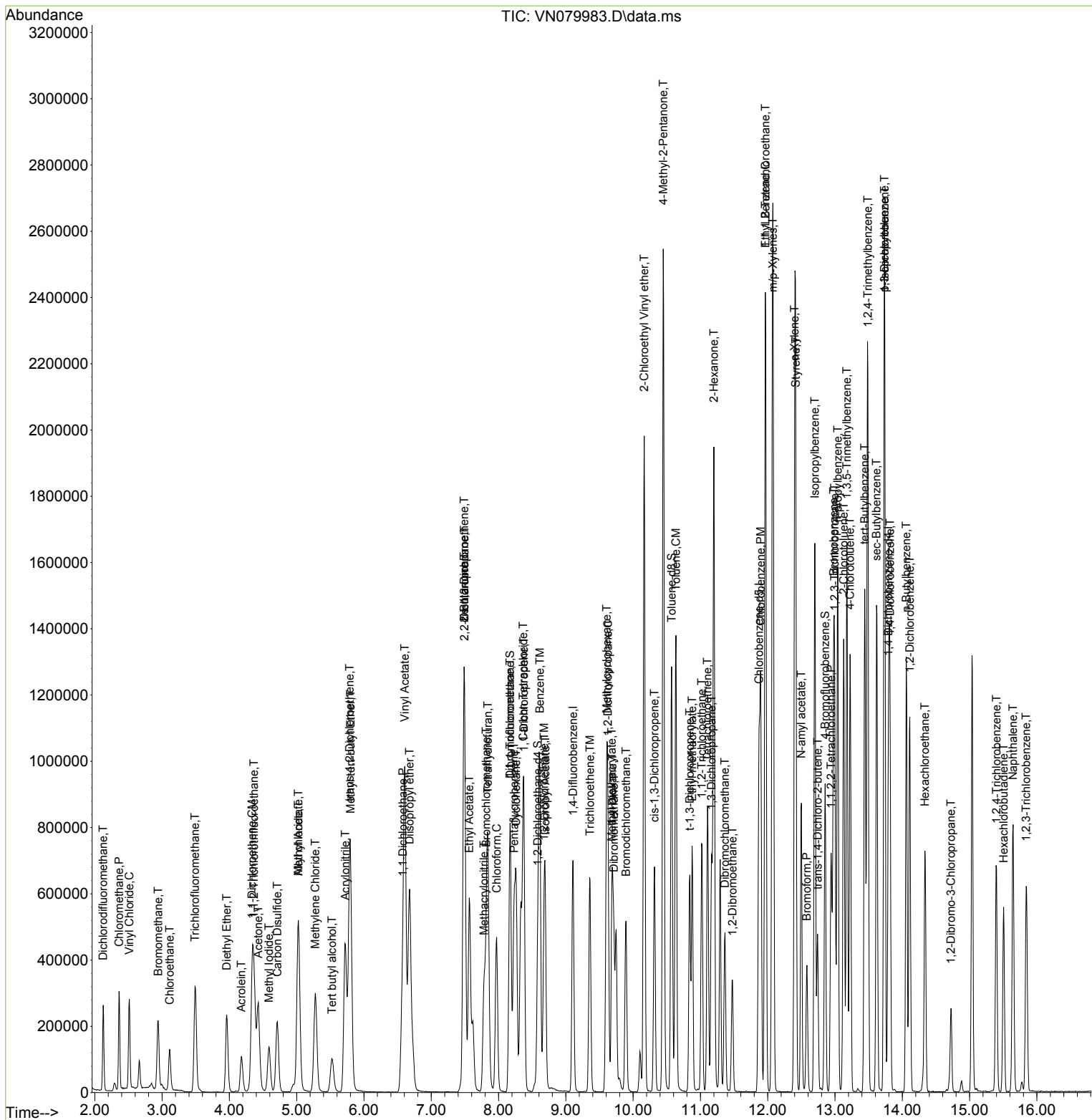
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MSVOA_N
ClientSampleId :
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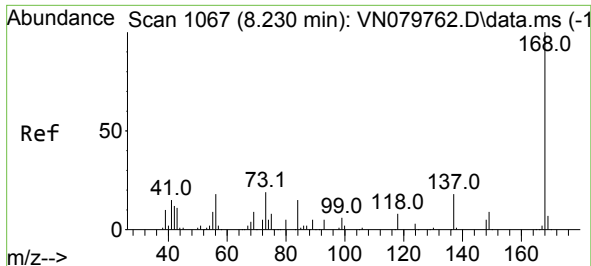
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QLast Update : Thu Nov 02 05:49:08 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

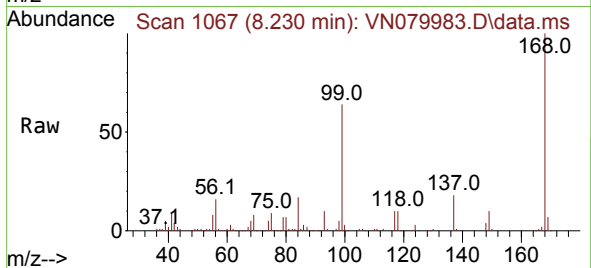
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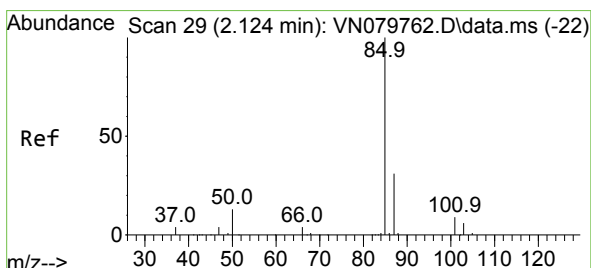
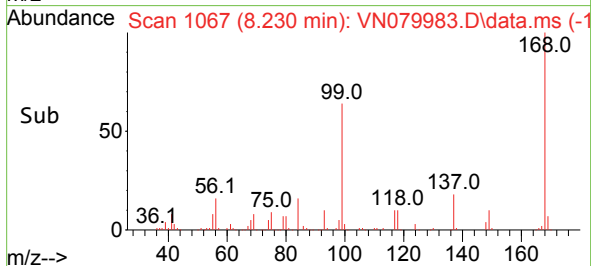
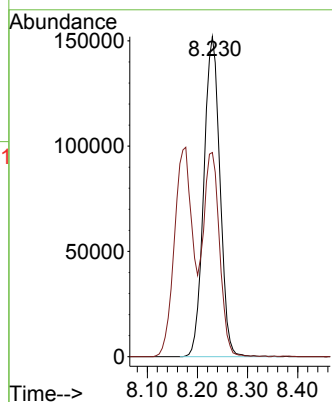


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
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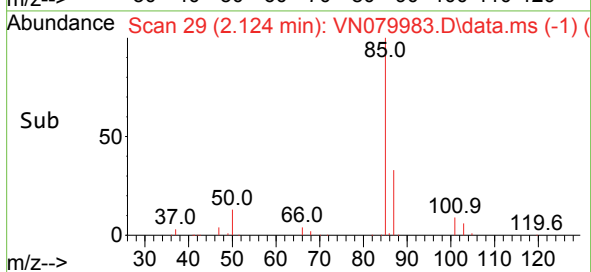
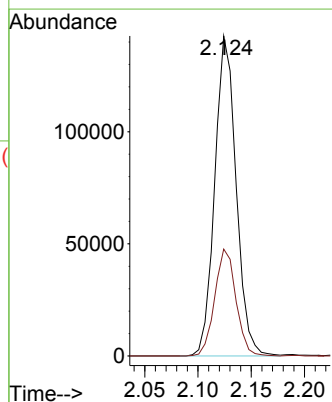
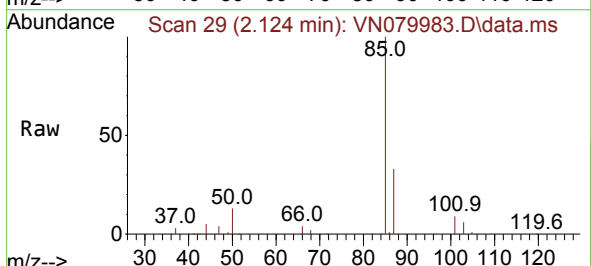


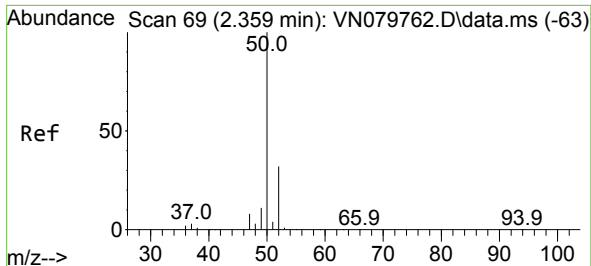
Tgt Ion:168 Resp: 339393
Ion Ratio Lower Upper
168 100
99 63.7 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 48.635 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion: 85 Resp: 198822
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4

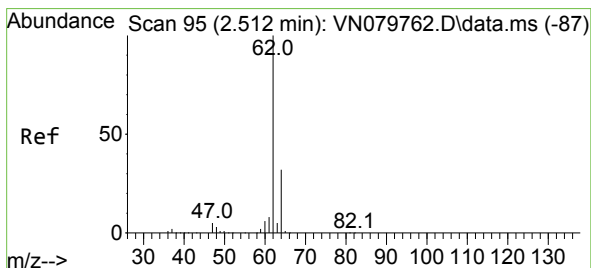
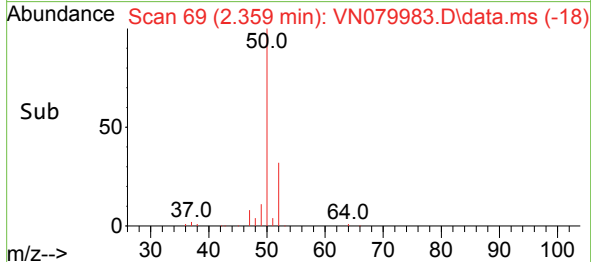
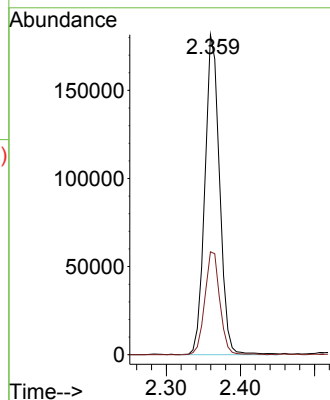
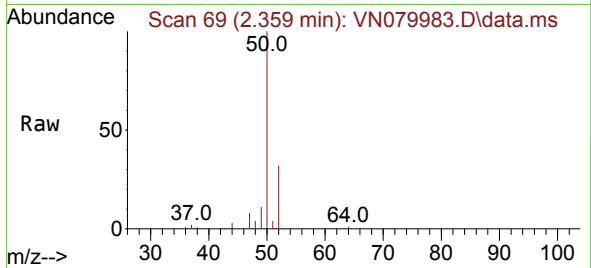




#3
Chloromethane
Concen: 49.357 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

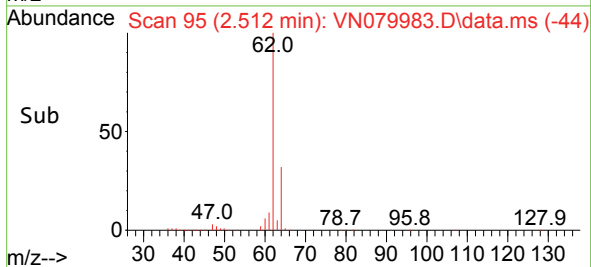
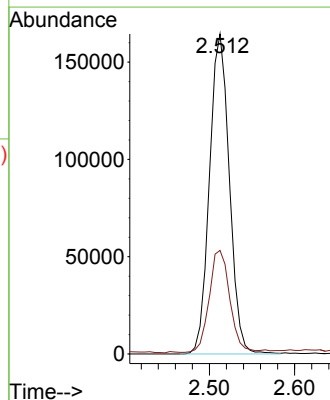
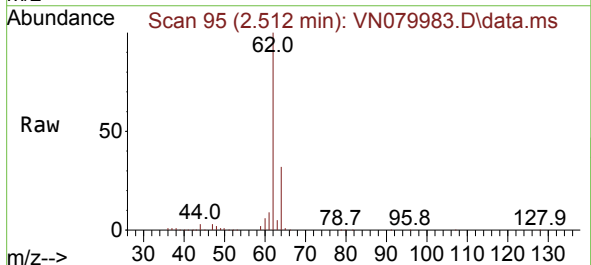
Instrument :
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ClientSampleId :
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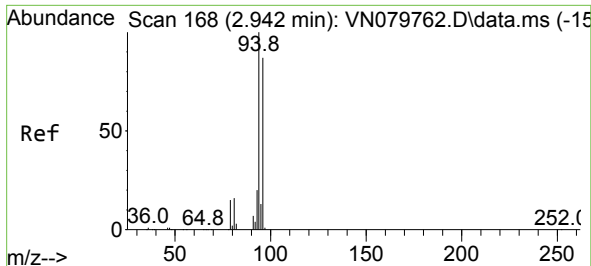
Tgt Ion: 50 Resp: 251162
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7



#4
Vinyl Chloride
Concen: 49.785 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion: 62 Resp: 266411
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2

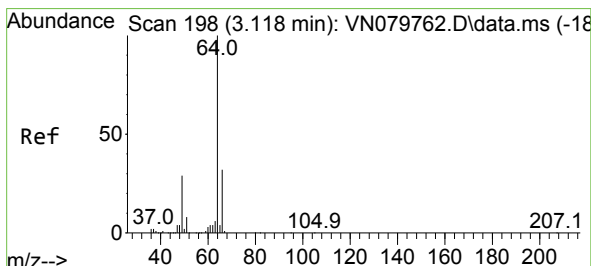
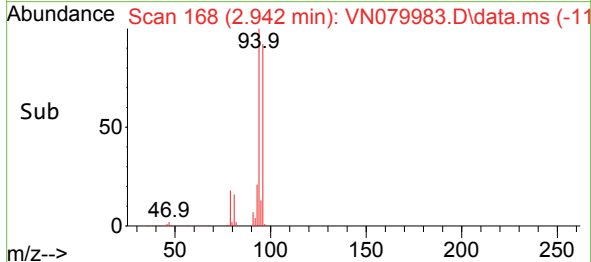
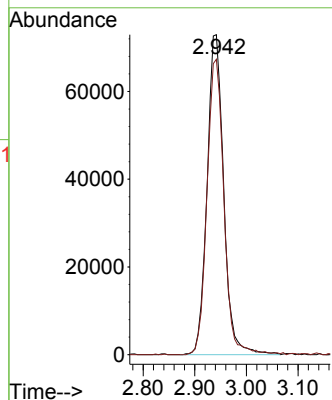
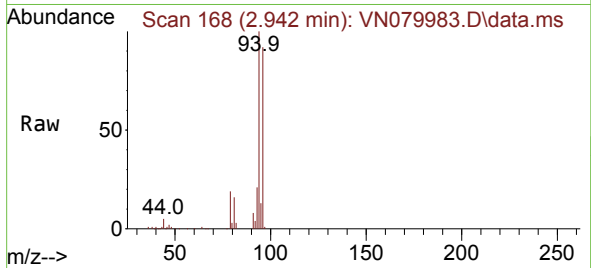




#5
Bromomethane
Concen: 50.141 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

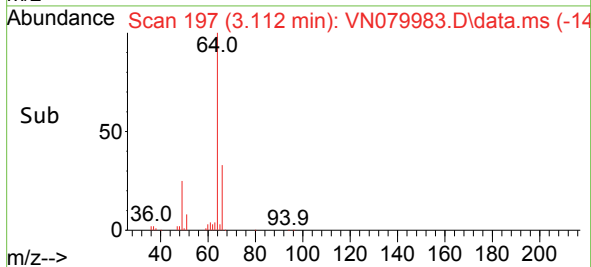
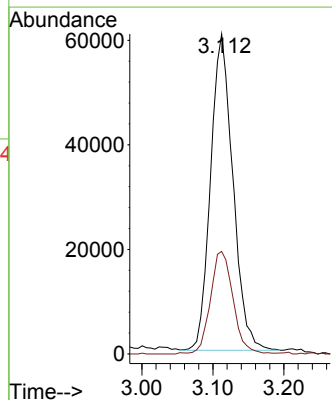
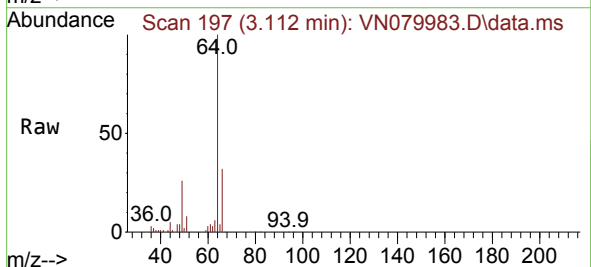
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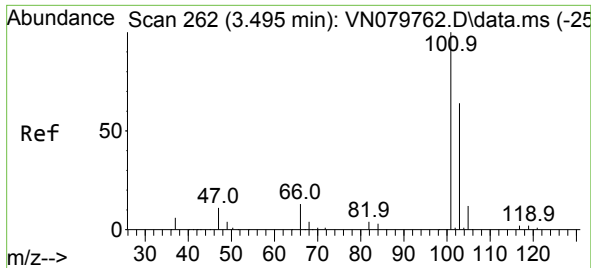
Tgt Ion: 94 Resp: 163030
Ion Ratio Lower Upper
94 100
96 92.3 73.1 109.7



#6
Chloroethane
Concen: 31.207 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion: 64 Resp: 131952
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2

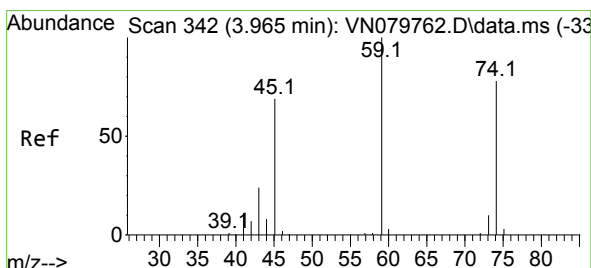
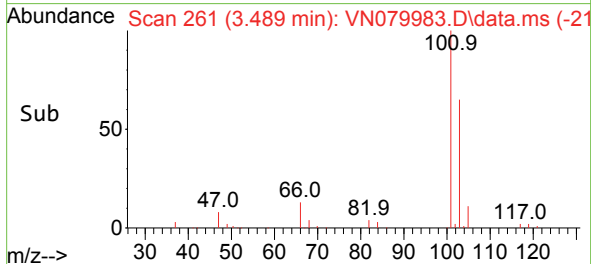
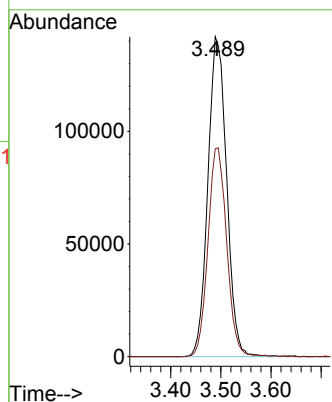
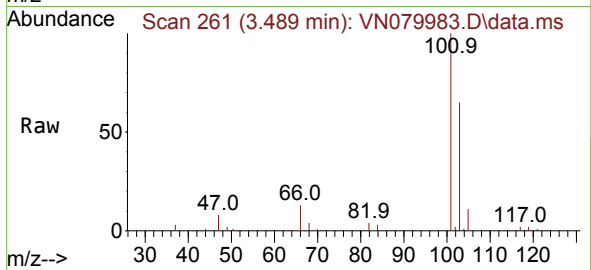




#7
 Trichlorofluoromethane
 Concen: 55.358 ug/l
 RT: 3.489 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN079983.D
 Acq: 07 Nov 2023 22:33

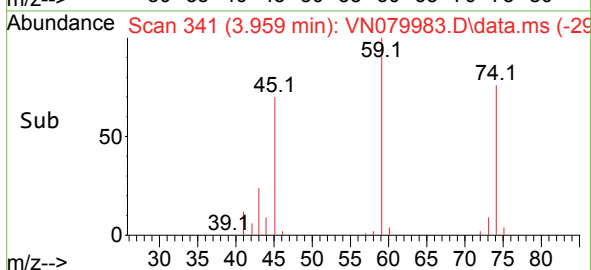
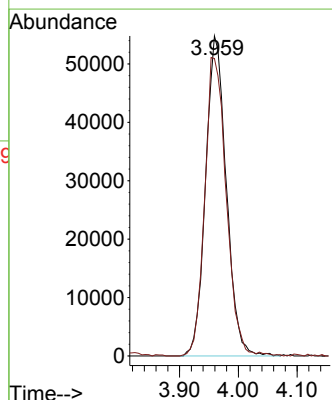
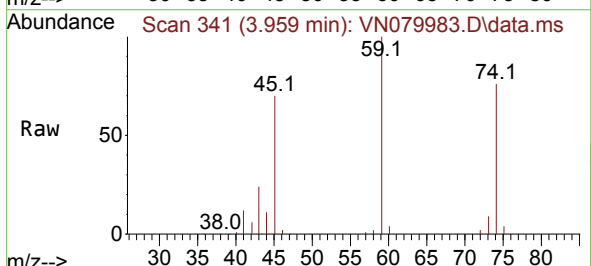
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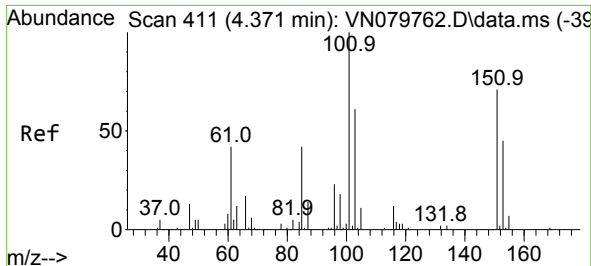
Tgt Ion:101 Resp: 368449
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.7 76.1



#8
 Diethyl Ether
 Concen: 53.121 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079983.D
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Tgt Ion: 74 Resp: 134168
 Ion Ratio Lower Upper
 74 100
 45 96.4 34.4 103.3

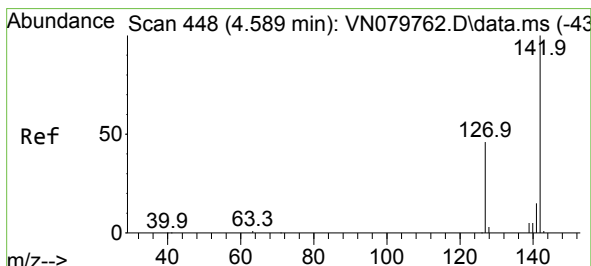
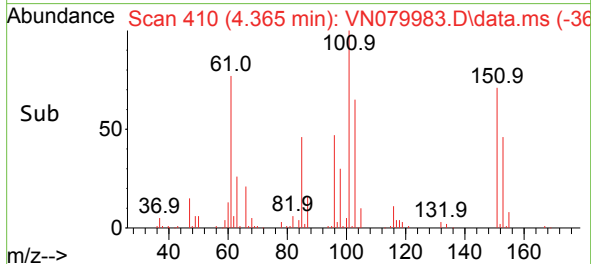
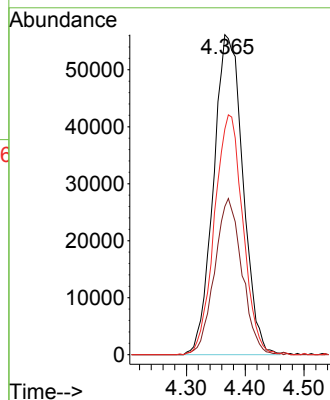
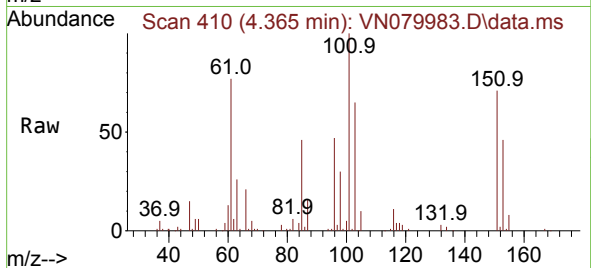




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.542 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

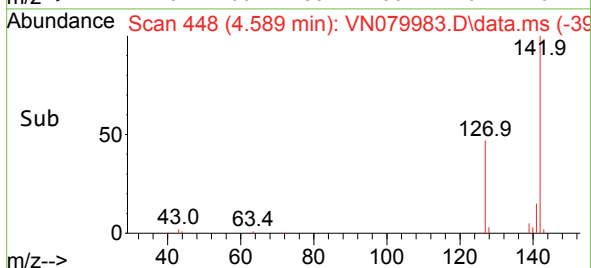
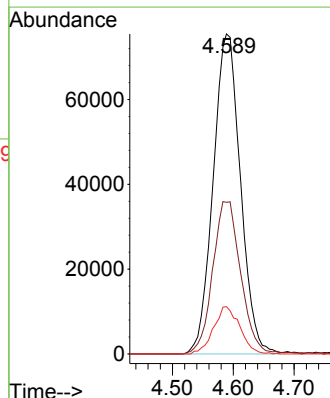
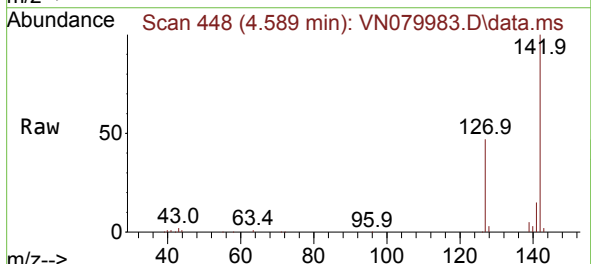
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

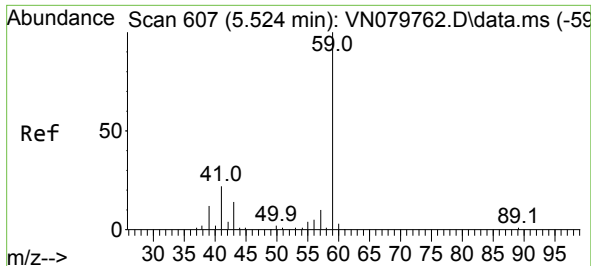
Tgt Ion:101 Resp: 195010
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 72.6 57.6 86.4



#10
Methyl Iodide
Concen: 53.234 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion:142 Resp: 234554
Ion Ratio Lower Upper
142 100
127 47.4 37.6 56.4
141 14.8 11.4 17.0

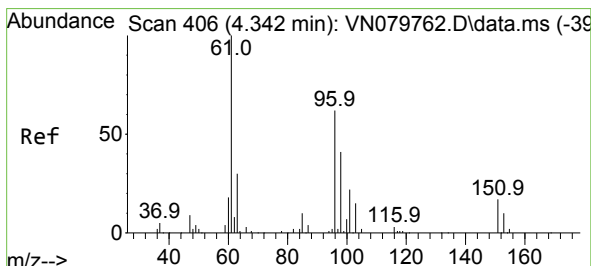
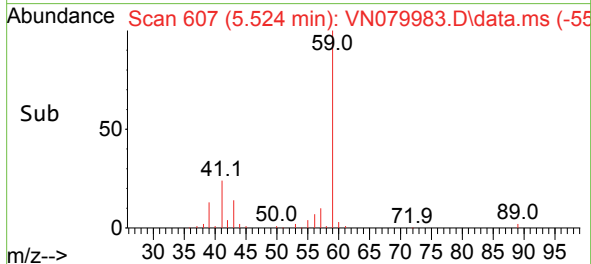
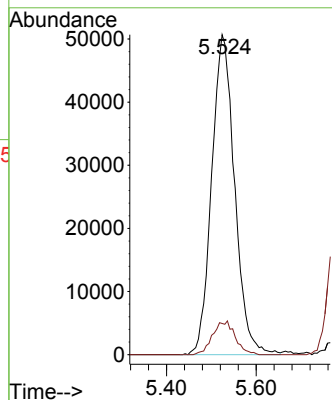
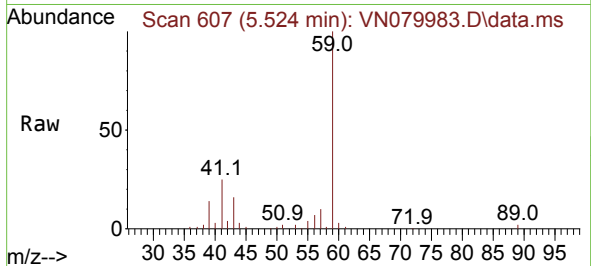




#11
Tert butyl alcohol
Concen: 273.131 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

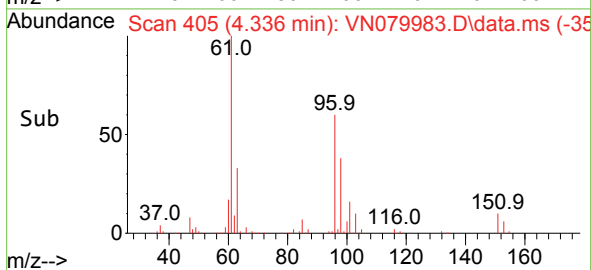
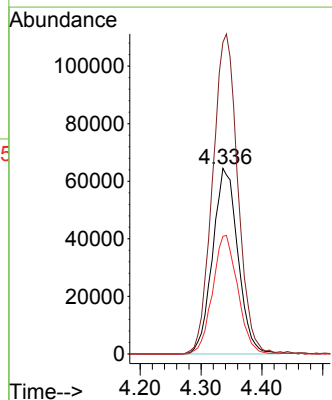
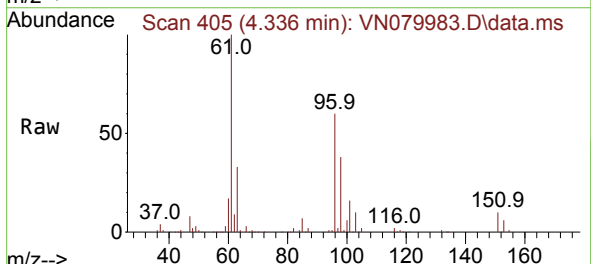
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

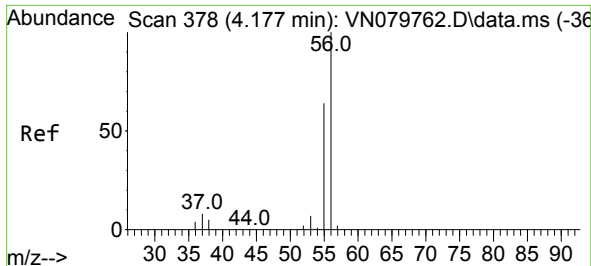
Tgt Ion: 59 Resp: 180285
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.943 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion: 96 Resp: 186104
Ion Ratio Lower Upper
96 100
61 168.0 112.7 169.1
98 63.4 51.2 76.8





#13

Acrolein

Concen: 270.027 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

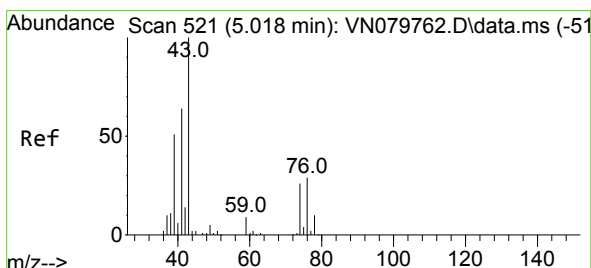
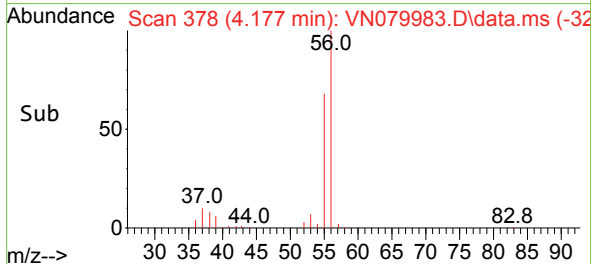
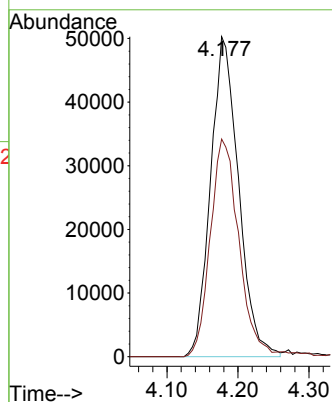
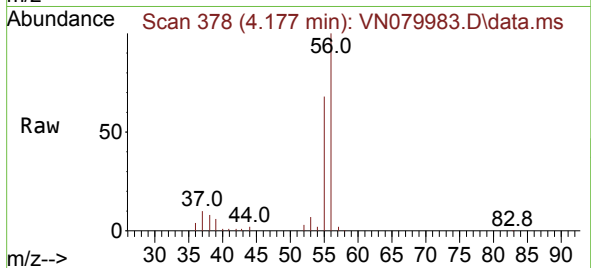
VSTDC0050EC

Tgt Ion: 56 Resp: 137498

Ion Ratio Lower Upper

56 100

55 69.1 54.5 81.7



#14

Allyl chloride

Concen: 54.691 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

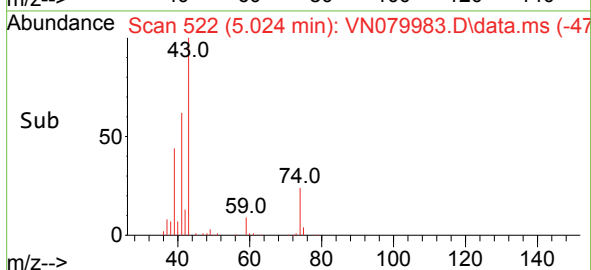
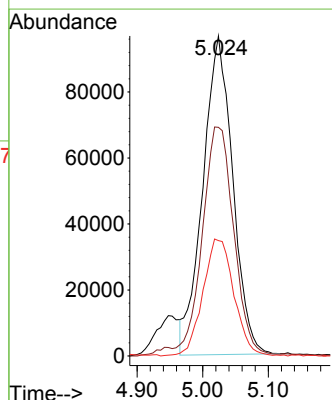
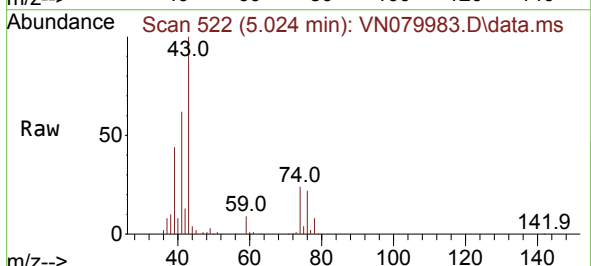
Tgt Ion: 41 Resp: 306017

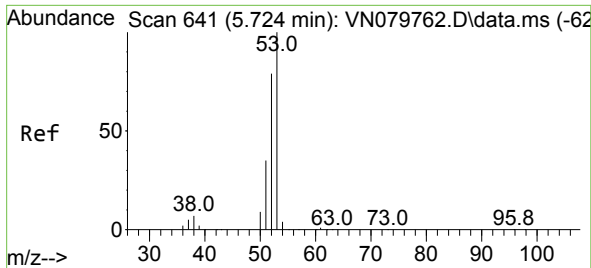
Ion Ratio Lower Upper

41 100

39 77.2 58.8 88.2

76 38.2 39.1 58.7#

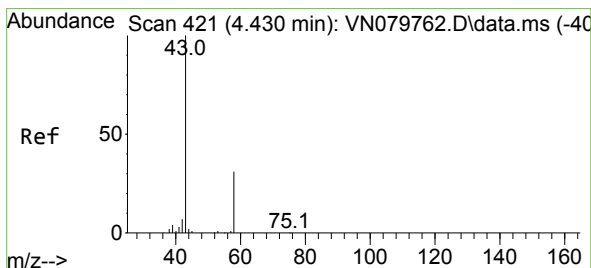
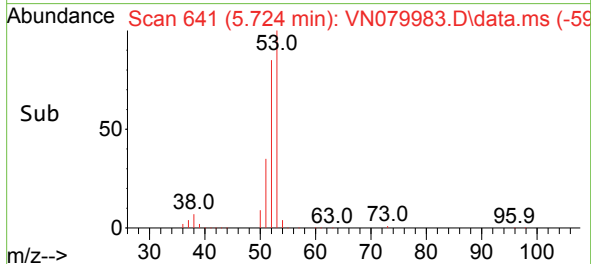
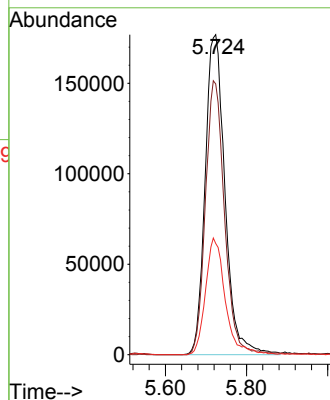
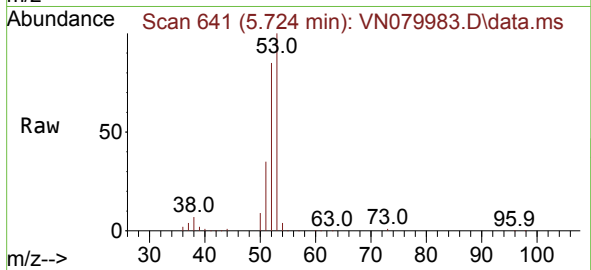




#15
Acrylonitrile
Concen: 291.511 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

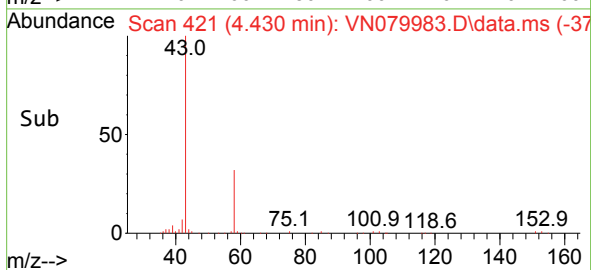
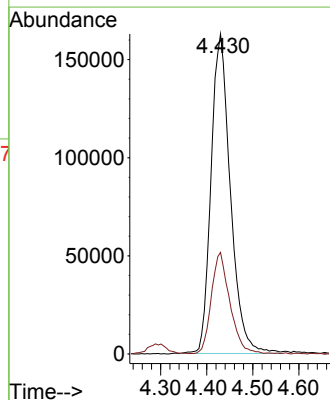
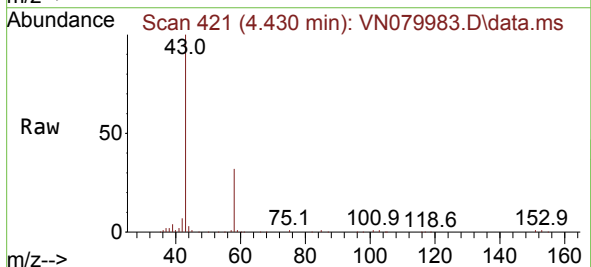
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

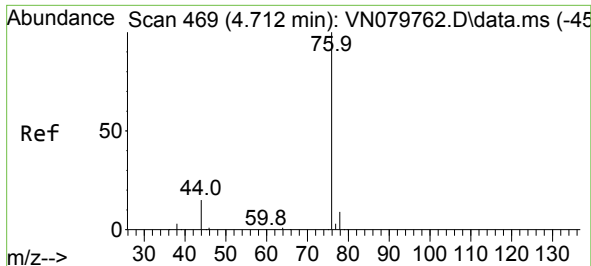
Tgt Ion: 53 Resp: 599641
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 36.2 28.9 43.3



#16
Acetone
Concen: 261.736 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion: 43 Resp: 475386
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0

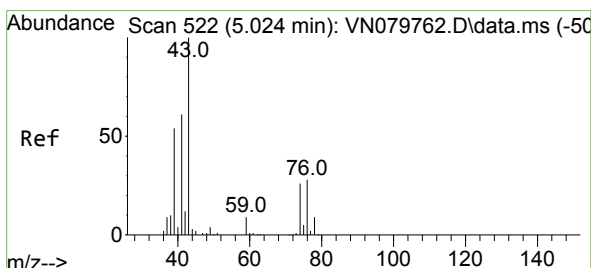
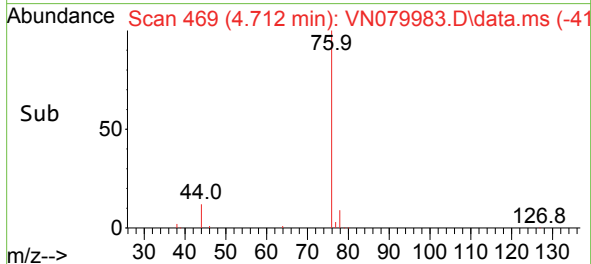
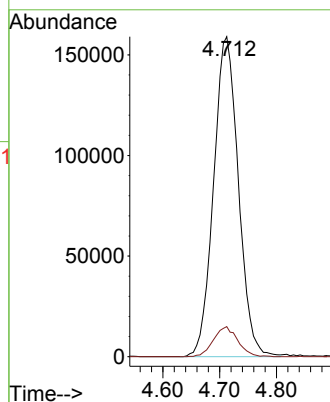
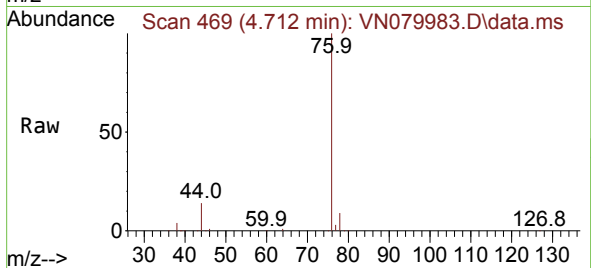




#17
Carbon Disulfide
Concen: 45.689 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

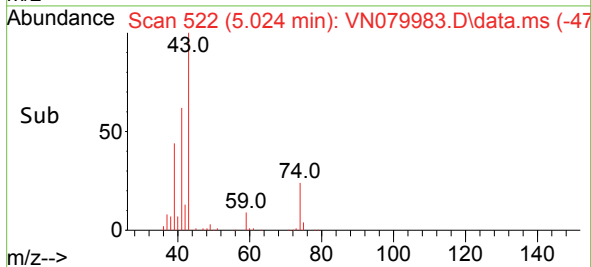
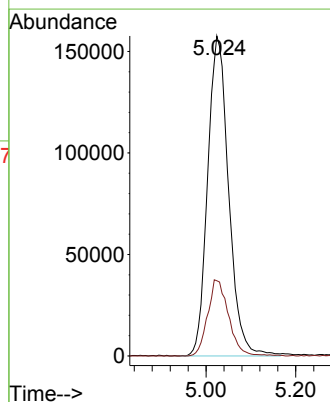
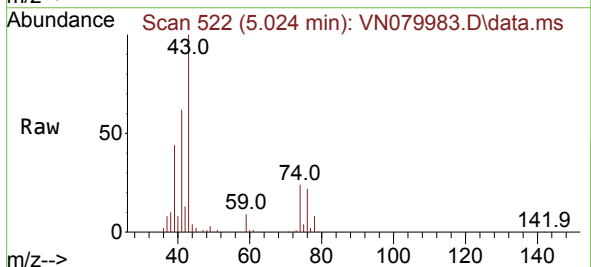
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

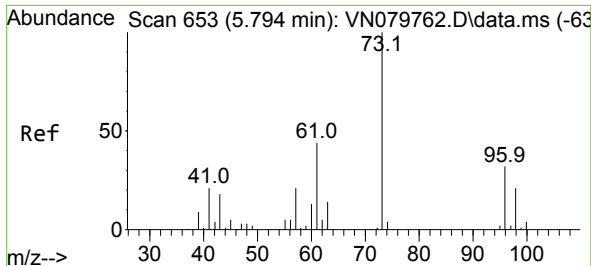
Tgt Ion: 76 Resp: 481449
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 59.051 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion: 43 Resp: 513126
Ion Ratio Lower Upper
43 100
74 23.8 26.2 39.4#

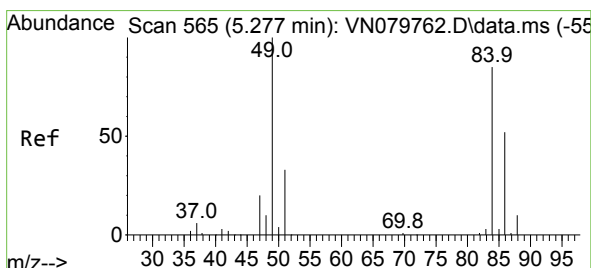
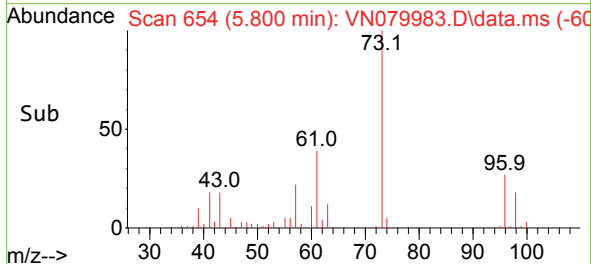
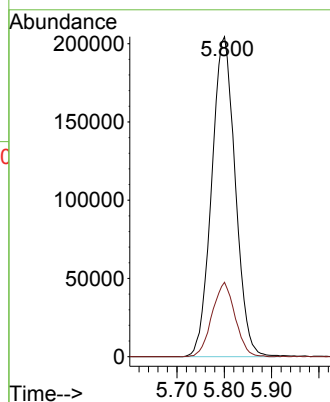
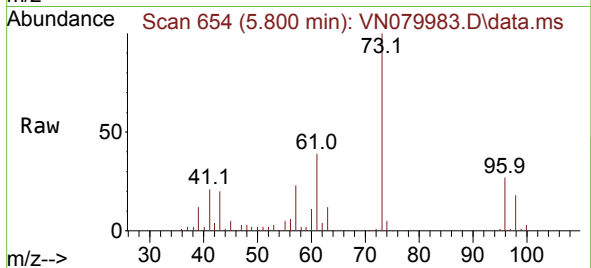




#19
Methyl tert-butyl Ether
Concen: 56.253 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

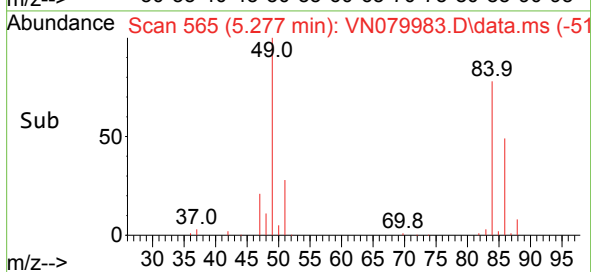
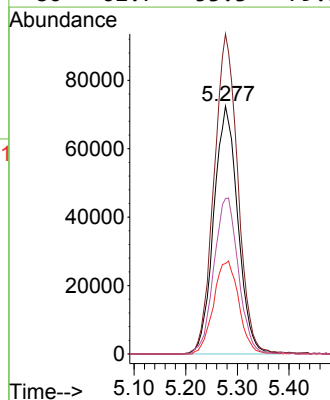
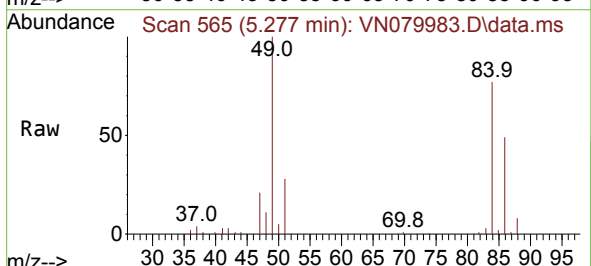
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

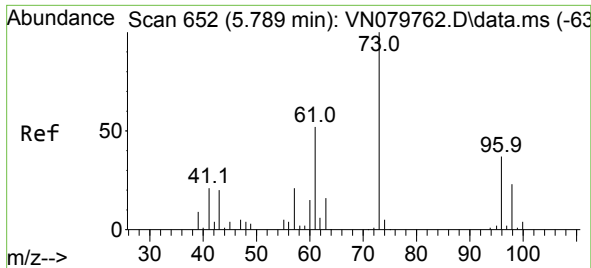
Tgt Ion: 73 Resp: 707514
Ion Ratio Lower Upper
73 100
57 23.2 15.6 23.4



#20
Methylene Chloride
Concen: 51.095 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion: 84 Resp: 234168
Ion Ratio Lower Upper
84 100
49 129.1 79.7 119.5#
51 36.5 25.2 37.8
86 62.7 53.3 79.9

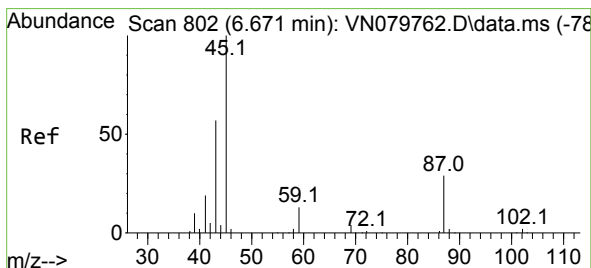
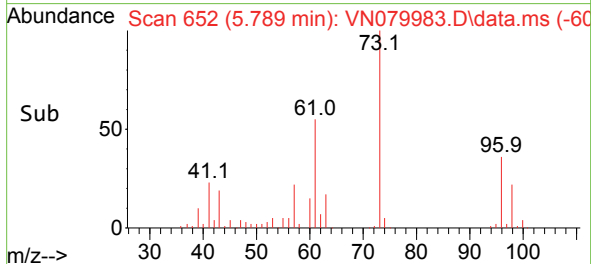
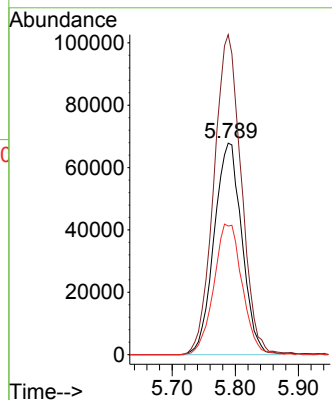
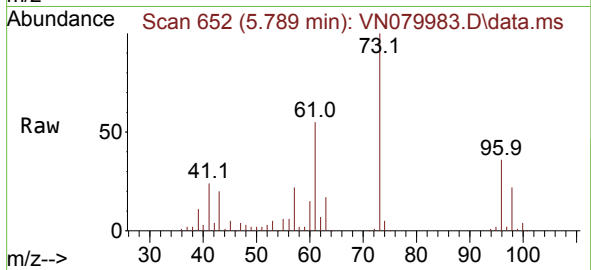




#21
trans-1,2-Dichloroethene
Concen: 50.898 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

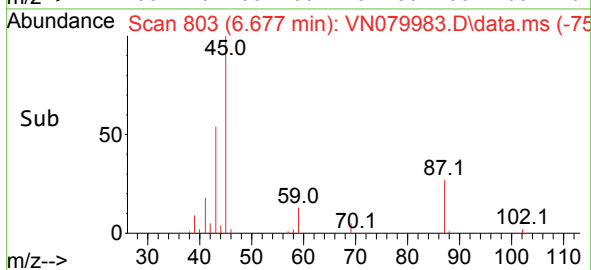
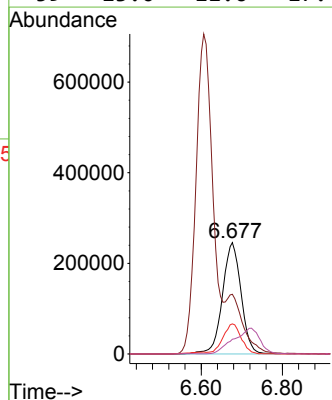
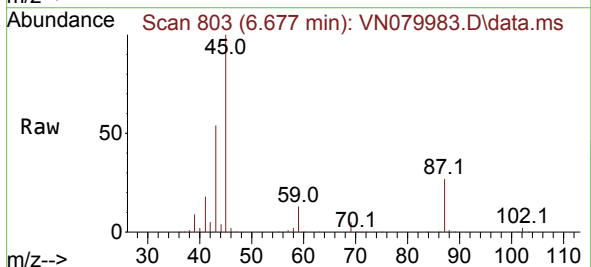
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

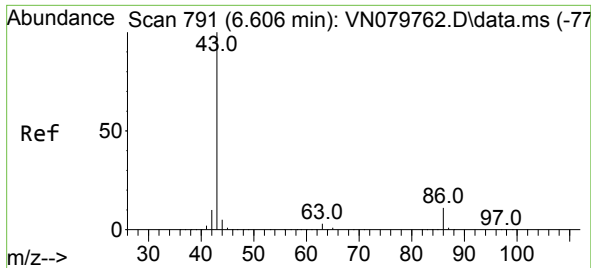
Tgt Ion: 96 Resp: 207378
Ion Ratio Lower Upper
96 100
61 151.3 90.1 135.1#
98 60.8 46.4 69.6



#22
Diisopropyl ether
Concen: 60.498 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion: 45 Resp: 784466
Ion Ratio Lower Upper
45 100
43 52.8 45.5 68.3
87 27.0 31.8 47.8#
59 13.0 11.6 17.4

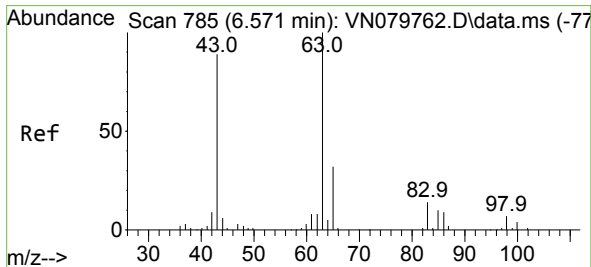
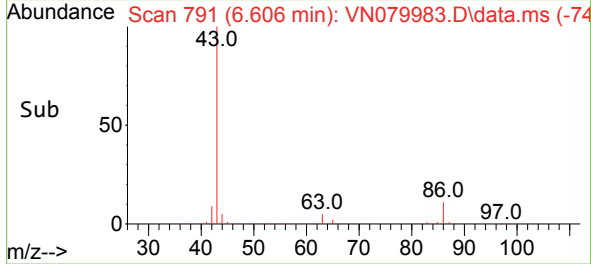
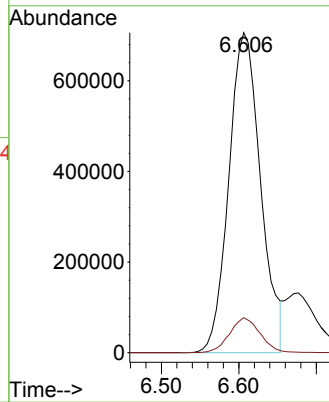
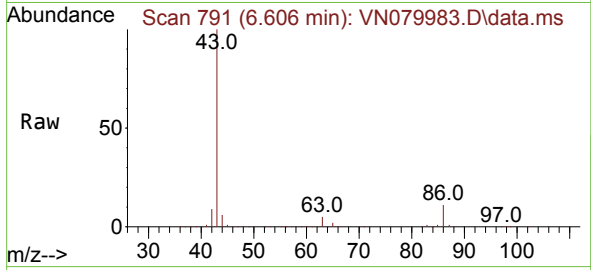




#23
 Vinyl Acetate
 Concen: 282.276 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079983.D
 Acq: 07 Nov 2023 22:33

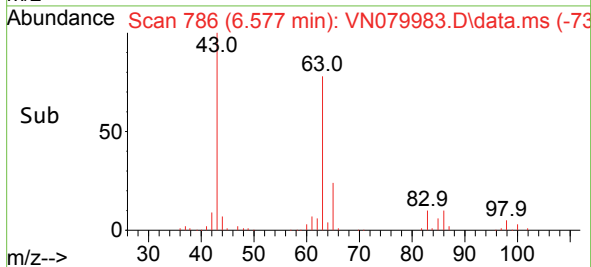
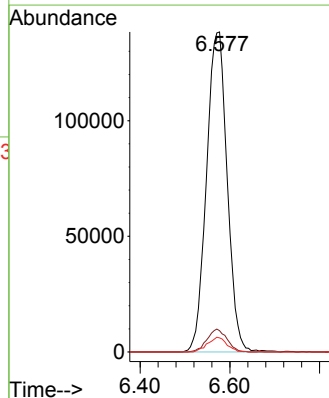
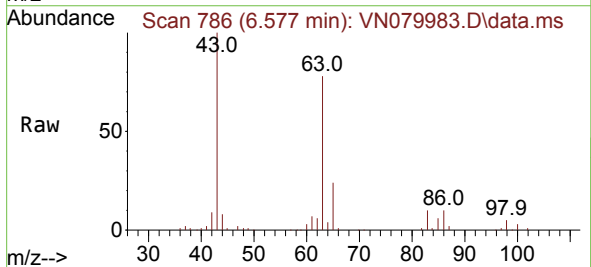
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

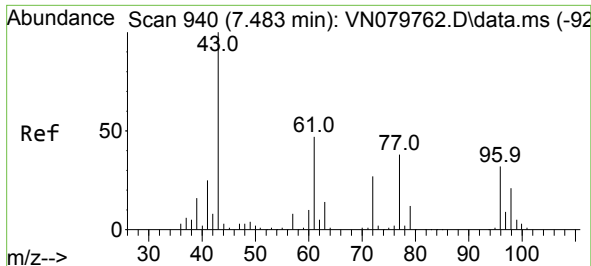
Tgt Ion: 43 Resp: 2018959
 Ion Ratio Lower Upper
 43 100
 86 11.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 56.247 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN079983.D
 Acq: 07 Nov 2023 22:33

Tgt Ion: 63 Resp: 443296
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.4 2.5 7.4

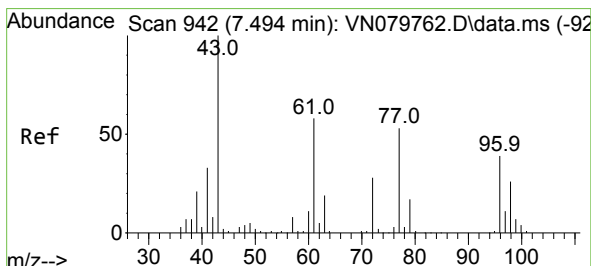
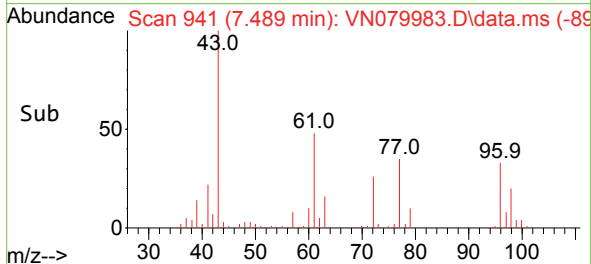
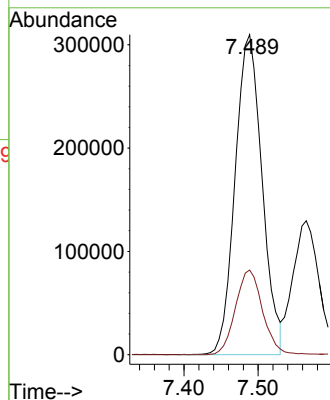
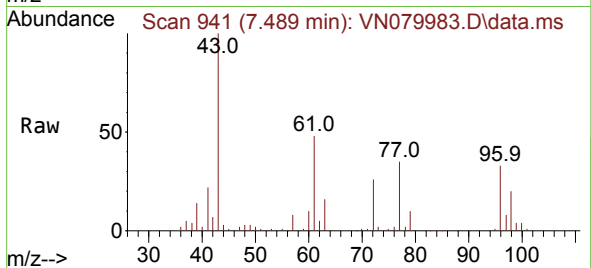




#25
2-Butanone
Concen: 294.526 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

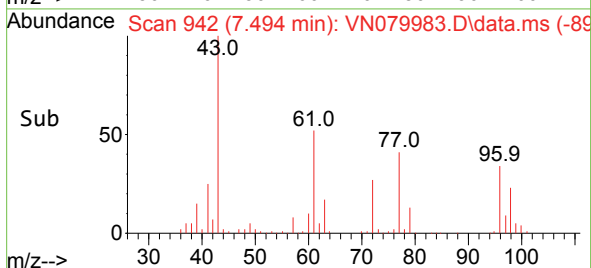
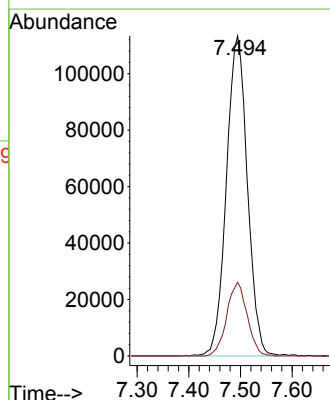
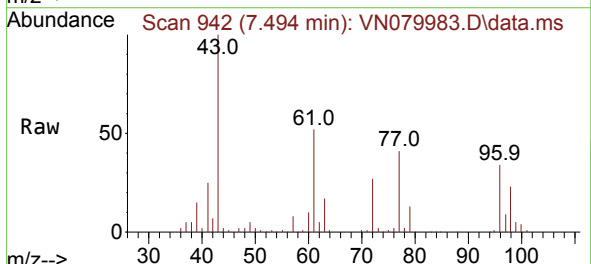
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MSVOA_N
ClientSampleId :
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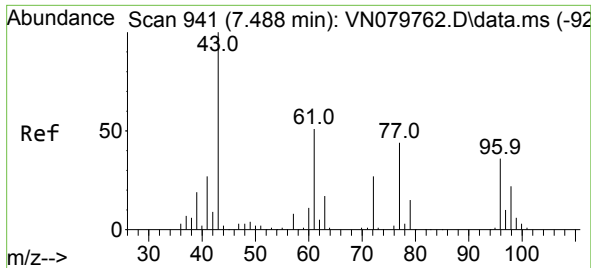
Tgt Ion: 43 Resp: 783347
Ion Ratio Lower Upper
43 100
72 26.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 49.026 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion: 77 Resp: 319551
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6

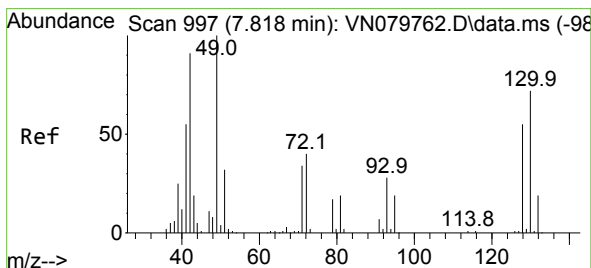
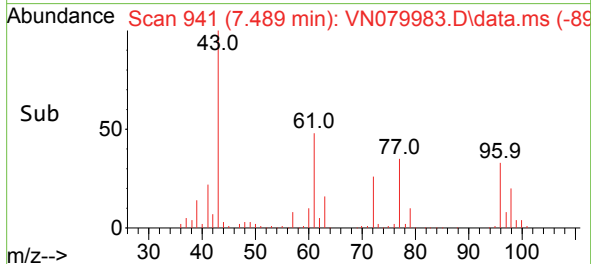
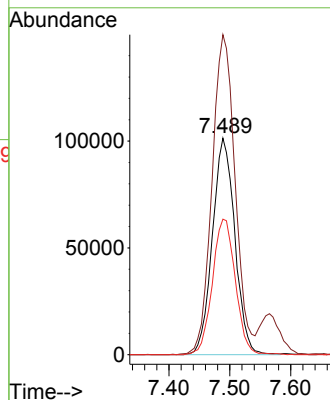
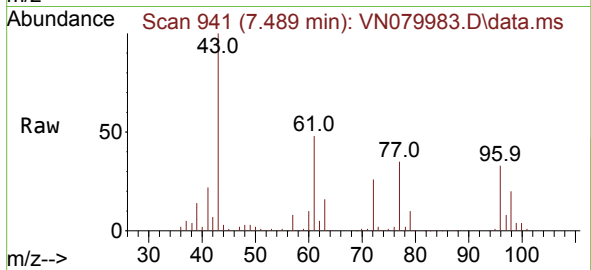




#27
 cis-1,2-Dichloroethene
 Concen: 53.266 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079983.D
 Acq: 07 Nov 2023 22:33

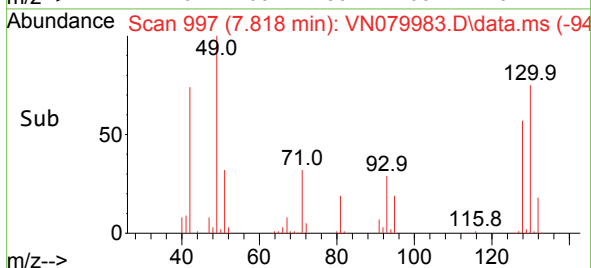
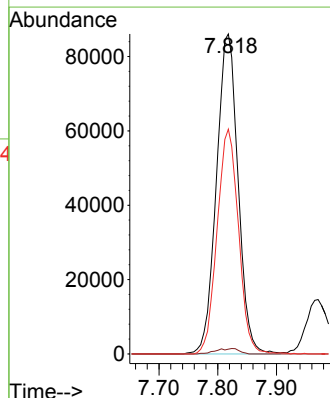
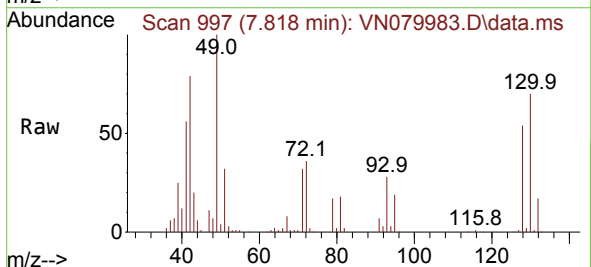
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

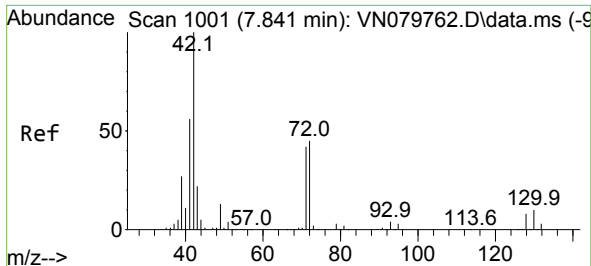
Tgt Ion: 96 Resp: 259602
 Ion Ratio Lower Upper
 96 100
 61 152.2 0.0 255.2
 98 64.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 57.283 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079983.D
 Acq: 07 Nov 2023 22:33

Tgt Ion: 49 Resp: 220012
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 69.4 75.3 112.9#





#29

Tetrahydrofuran

Concen: 303.845 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

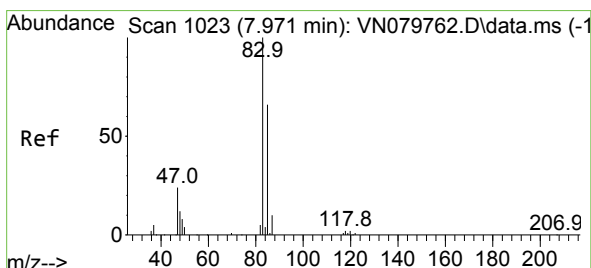
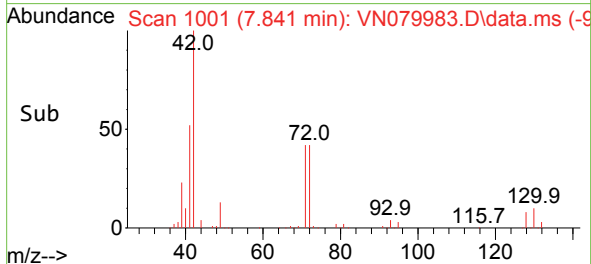
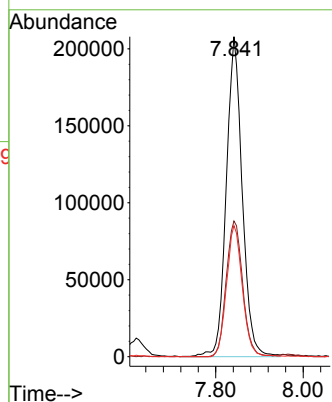
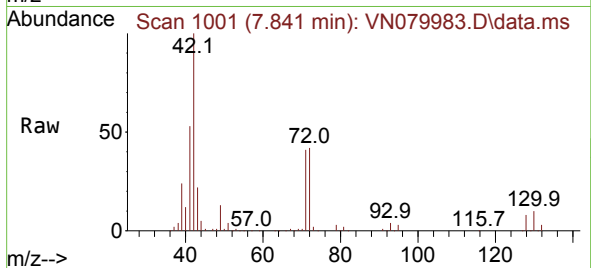
Tgt Ion: 42 Resp: 525780

Ion Ratio Lower Upper

42 100

72 43.8 49.8 74.6#

71 40.7 47.4 71.2#



#30

Chloroform

Concen: 53.711 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079983.D

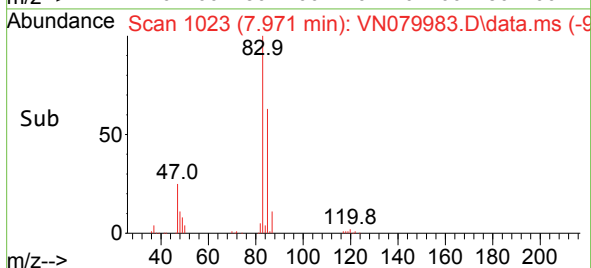
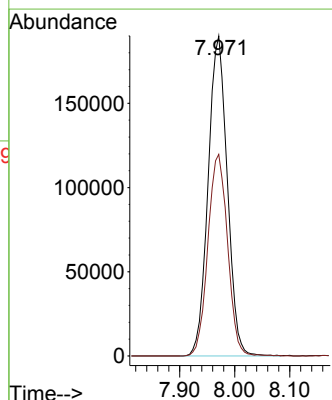
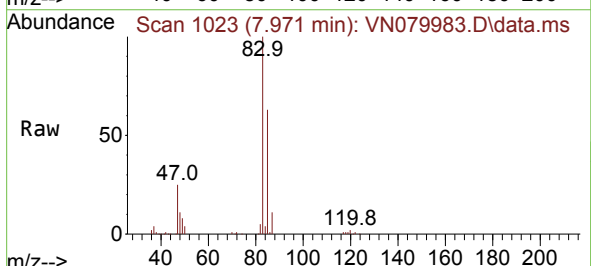
Acq: 07 Nov 2023 22:33

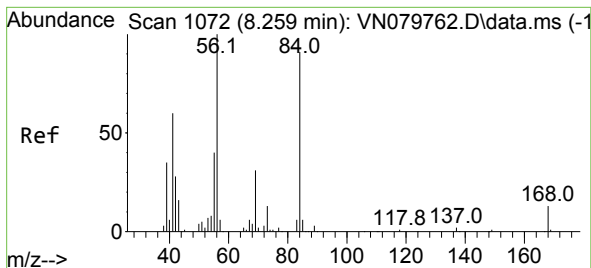
Tgt Ion: 83 Resp: 459815

Ion Ratio Lower Upper

83 100

85 63.0 55.4 83.0





#31

Cyclohexane

Concen: 50.615 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

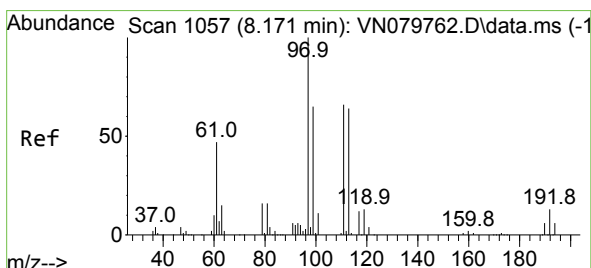
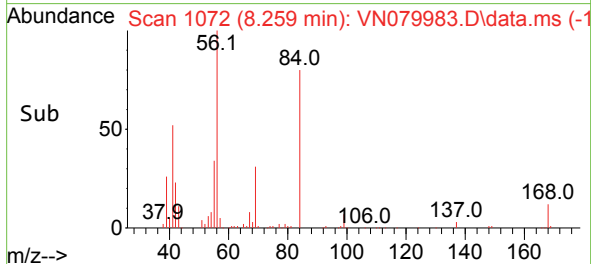
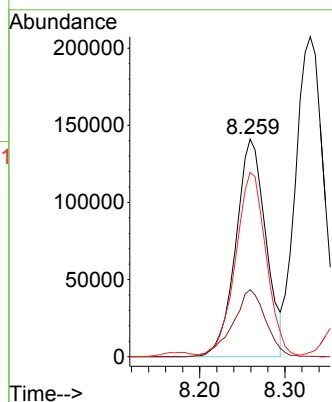
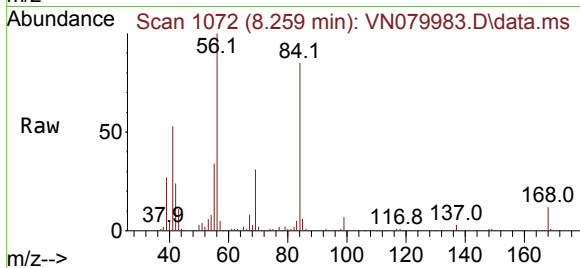
Tgt Ion: 56 Resp: 345835

Ion Ratio Lower Upper

56 100

69 30.8 26.8 40.2

84 82.7 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 55.843 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

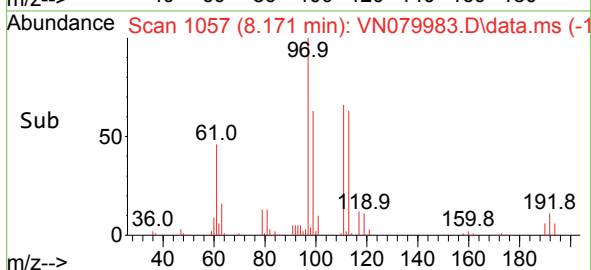
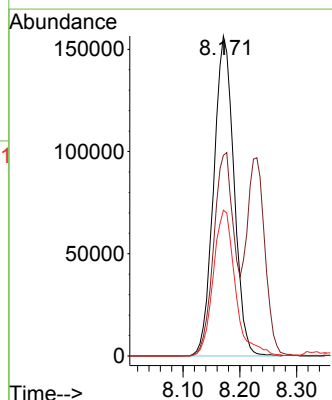
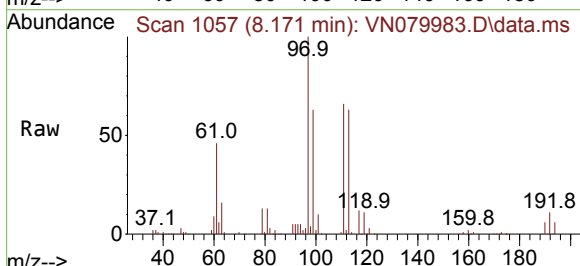
Tgt Ion: 97 Resp: 389527

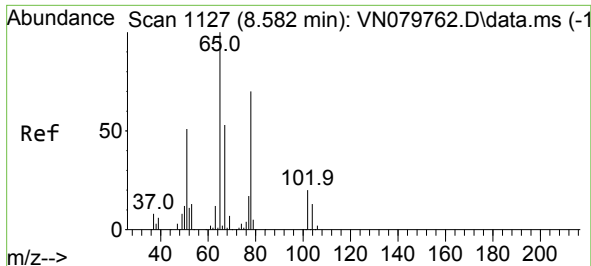
Ion Ratio Lower Upper

97 100

99 64.3 50.3 75.5

61 49.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 58.876 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

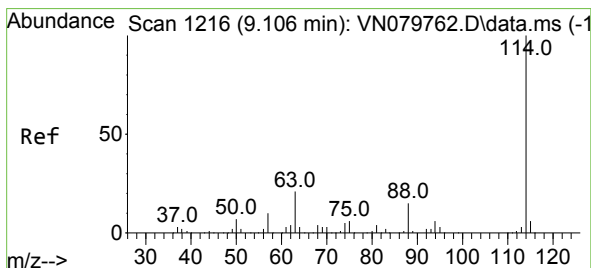
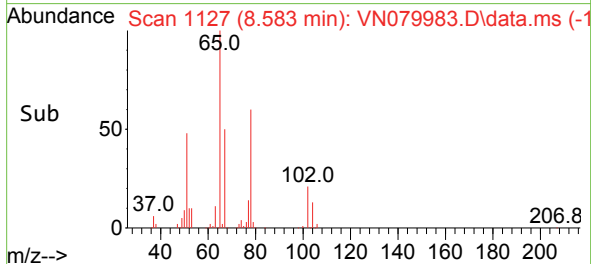
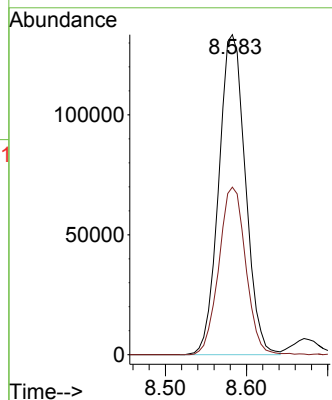
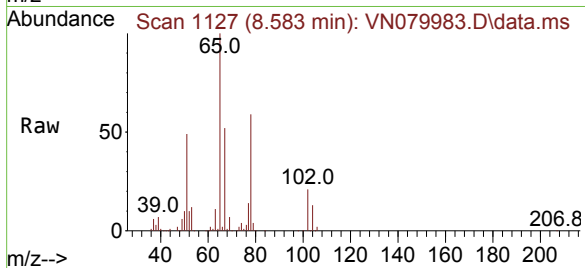
VSTDCCC050EC

Tgt Ion: 65 Resp: 304435

Ion Ratio Lower Upper

65 100

67 52.7 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: VN079983.D

Acq: 07 Nov 2023 22:33

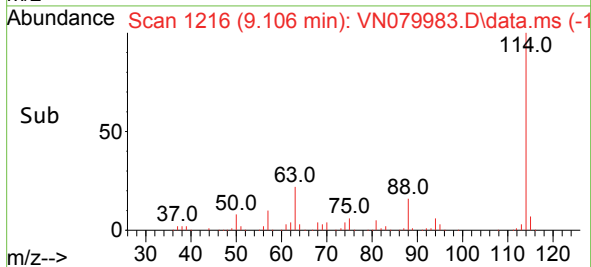
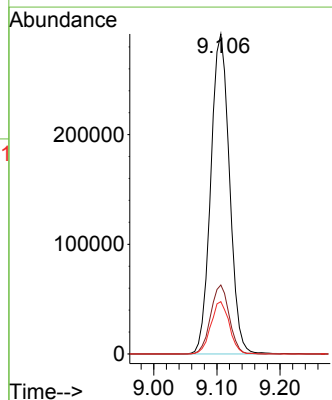
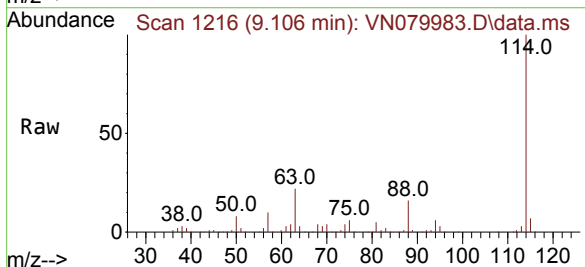
Tgt Ion: 114 Resp: 599071

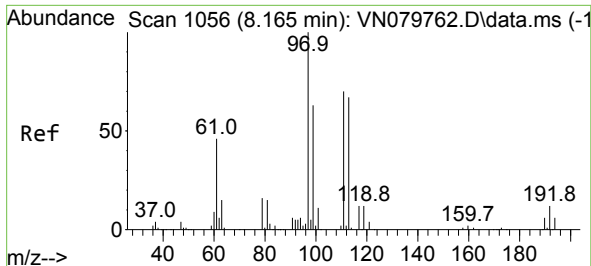
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 16.3 0.0 30.6

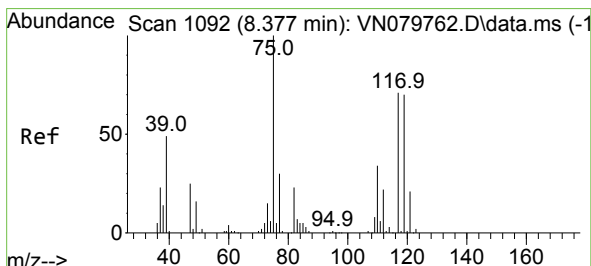
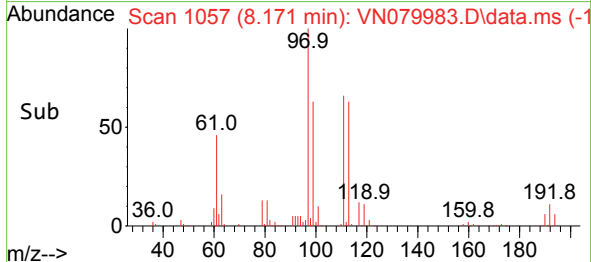
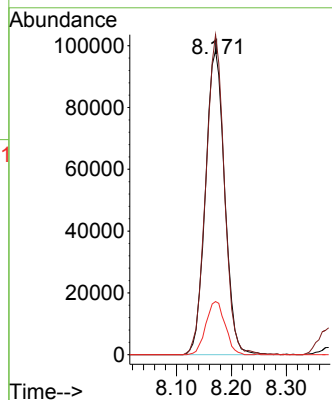
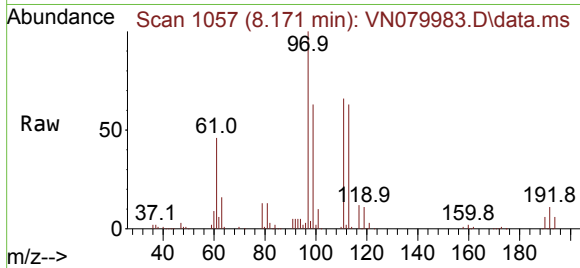




#35
 Dibromofluoromethane
 Concen: 56.317 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VN079983.D
 Acq: 07 Nov 2023 22:33

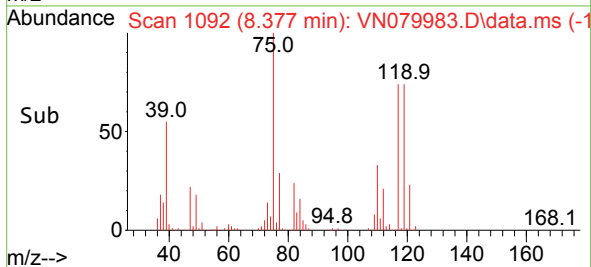
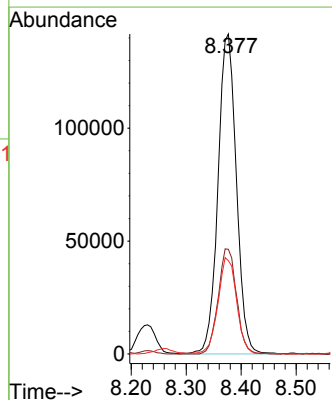
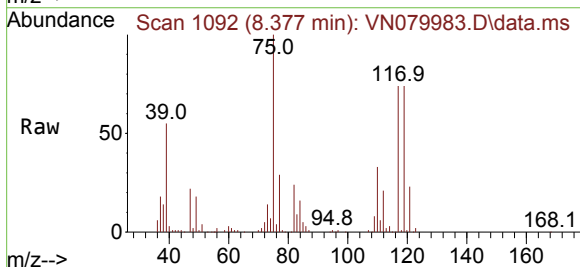
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

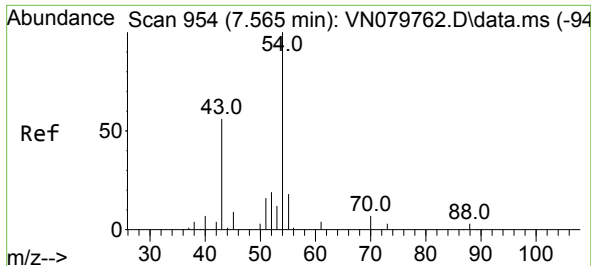
Tgt Ion:113 Resp: 238784
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.6 123.8
 192 17.5 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 54.413 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: VN079983.D
 Acq: 07 Nov 2023 22:33

Tgt Ion: 75 Resp: 329416
 Ion Ratio Lower Upper
 75 100
 110 32.8 19.1 57.3
 77 30.5 25.0 37.4

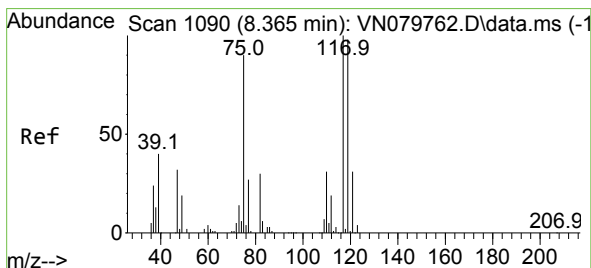
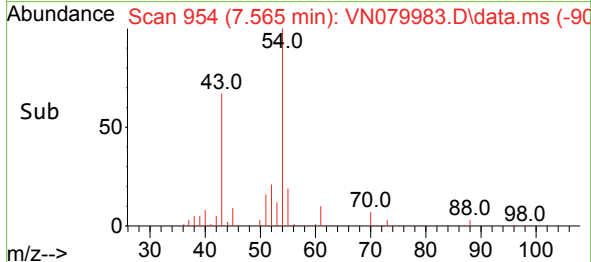
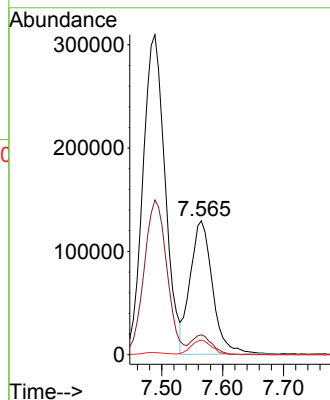
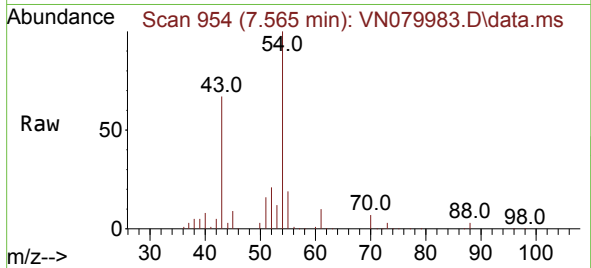




#37
Ethyl Acetate
Concen: 59.295 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

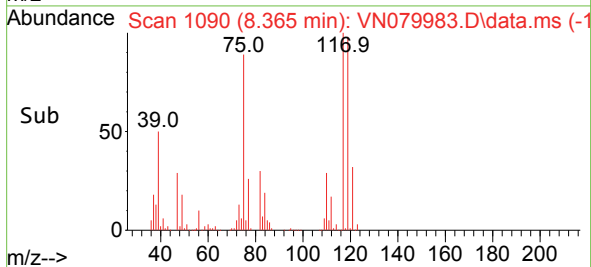
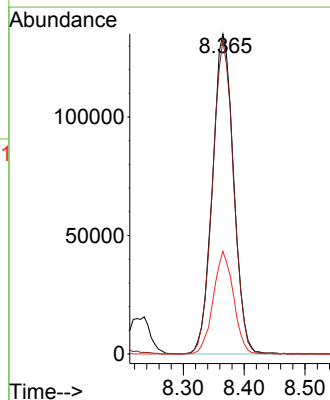
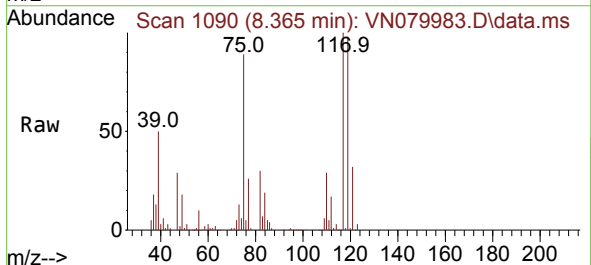
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

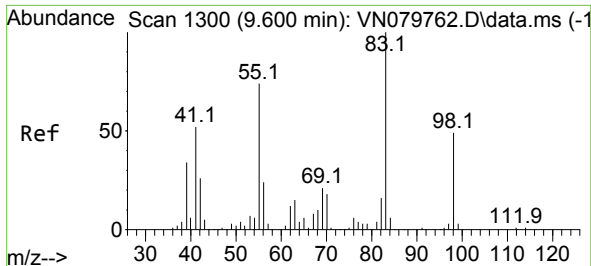
Tgt Ion: 43 Resp: 329218
Ion Ratio Lower Upper
43 100
61 13.0 13.2 19.8#
70 10.3 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 53.408 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion: 117 Resp: 325860
Ion Ratio Lower Upper
117 100
119 98.0 77.3 115.9
121 32.1 23.3 34.9





#39

Methylcyclohexane

Concen: 54.787 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

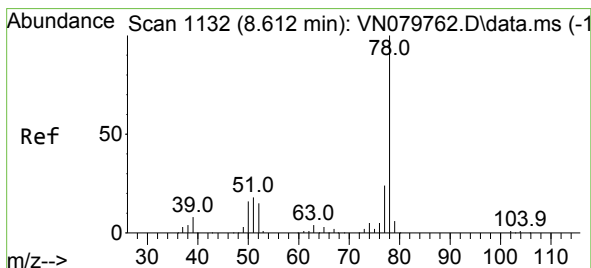
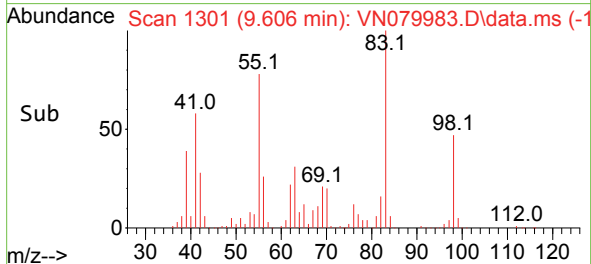
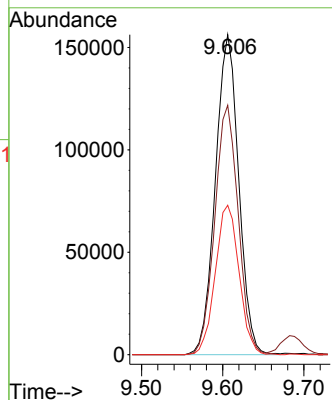
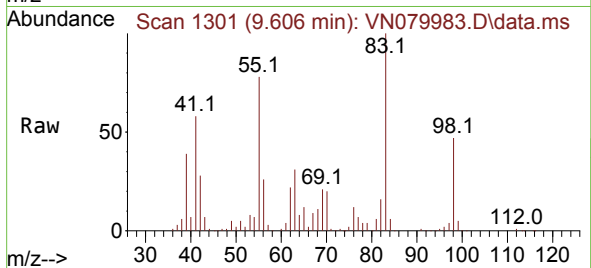
Tgt Ion: 83 Resp: 312143

Ion Ratio Lower Upper

83 100

55 78.0 49.1 73.7#

98 46.7 40.6 61.0



#40

Benzene

Concen: 54.328 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079983.D

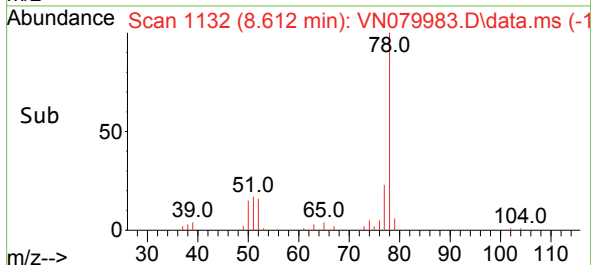
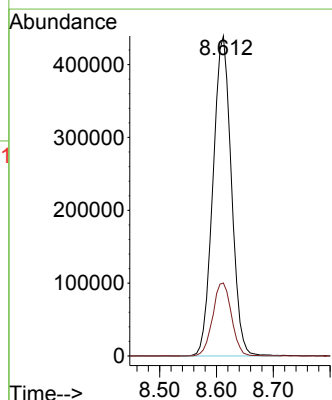
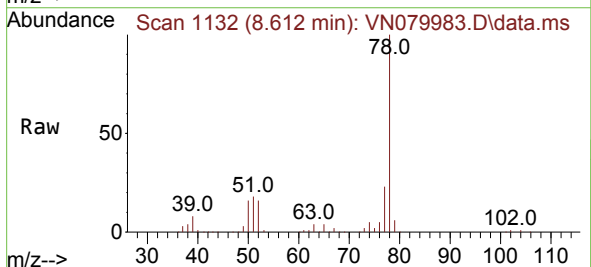
Acq: 07 Nov 2023 22:33

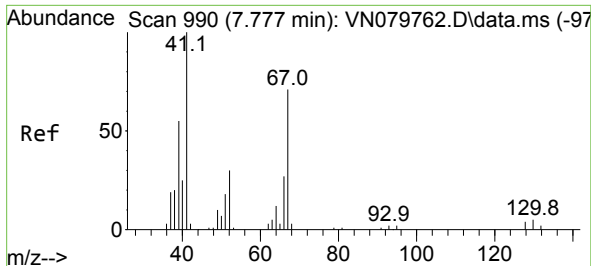
Tgt Ion: 78 Resp: 985116

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.6

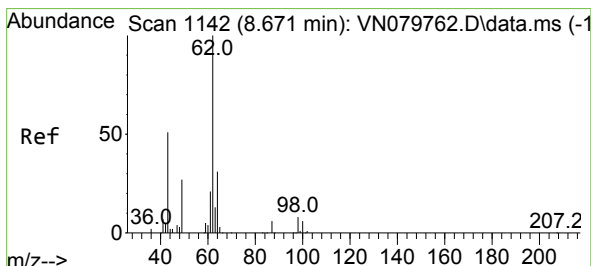
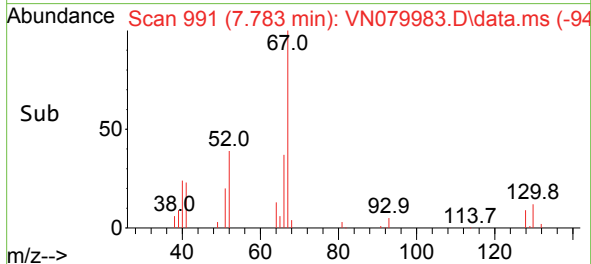
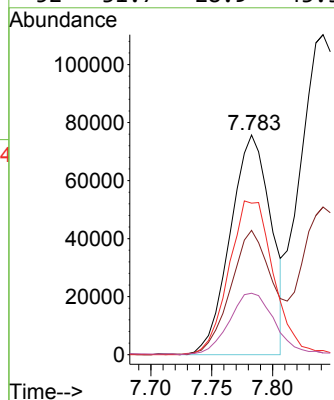
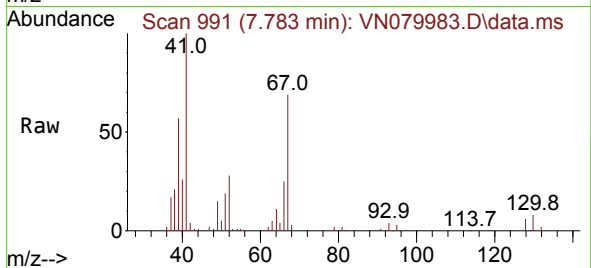




#41
Methacrylonitrile
Concen: 59.674 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

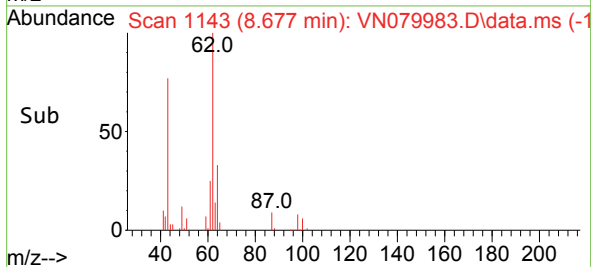
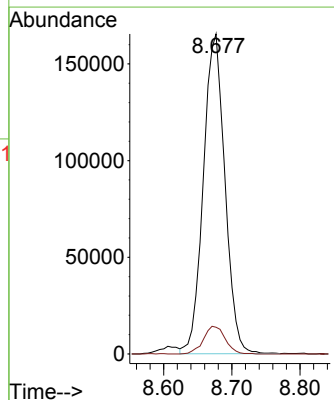
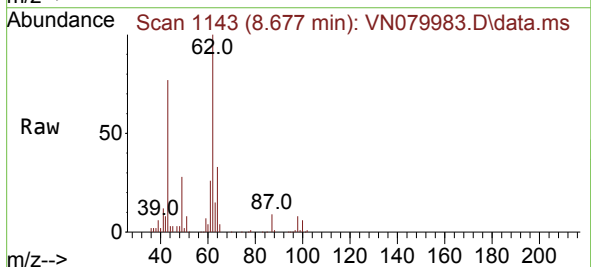
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

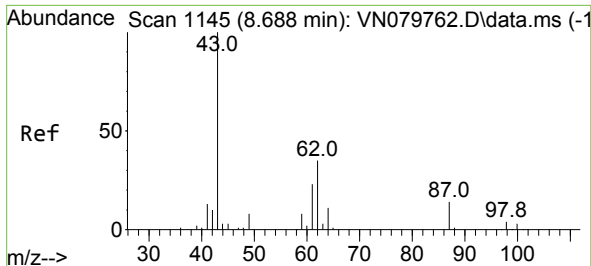
Tgt Ion:	41	Resp:	175941
Ion	Ratio	Lower	Upper
41	100		
39	59.9	42.6	64.0
67	77.4	77.5	116.3
52	31.7	28.9	43.3



#42
1,2-Dichloroethane
Concen: 57.486 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion:	62	Resp:	364105
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.8

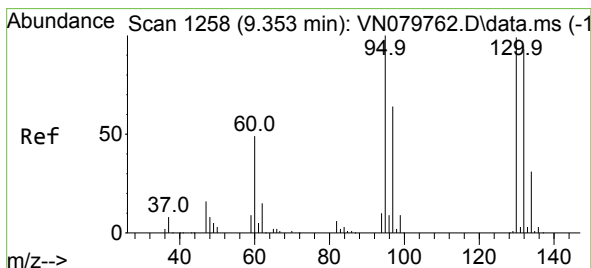
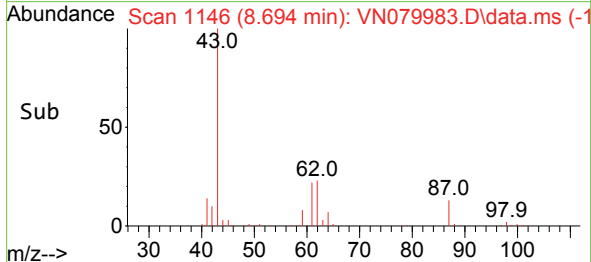
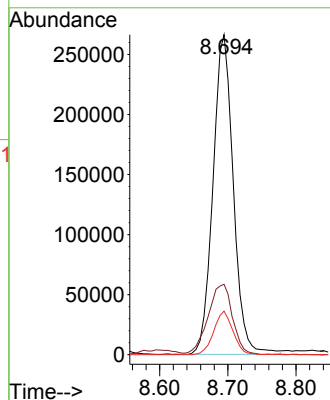
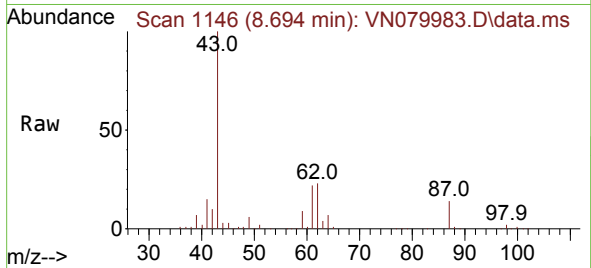




#43
Isopropyl Acetate
Concen: 56.825 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

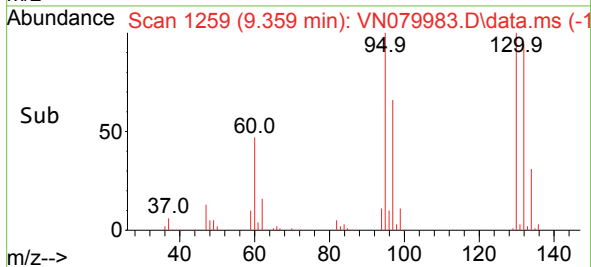
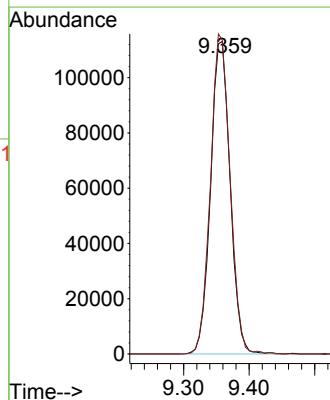
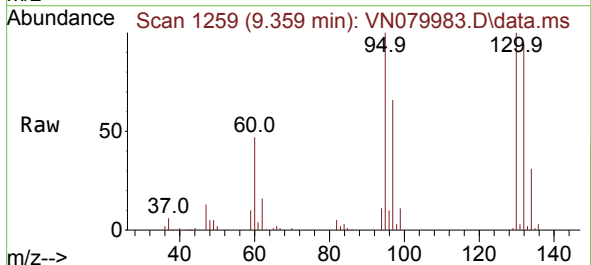
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

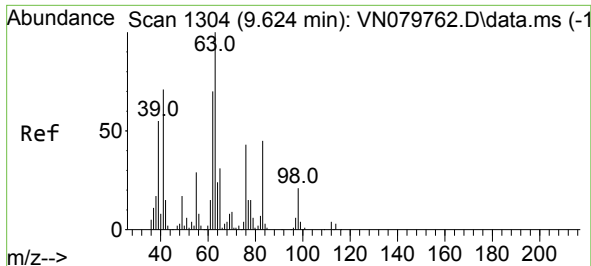
Tgt Ion: 43 Resp: 553302
Ion Ratio Lower Upper
43 100
61 26.3 24.7 37.1
87 12.9 14.6 21.8#



#44
Trichloroethene
Concen: 51.904 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion:130 Resp: 233543
Ion Ratio Lower Upper
130 100
95 100.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 58.107 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

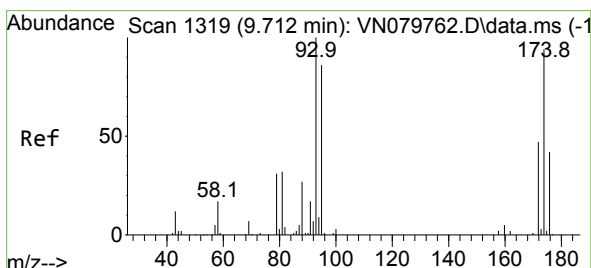
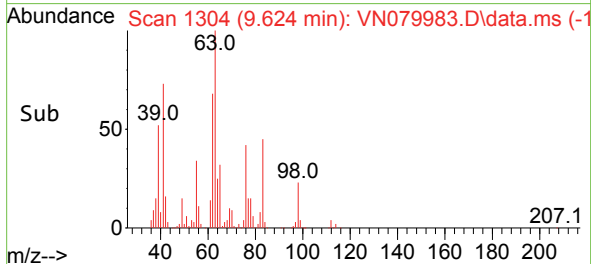
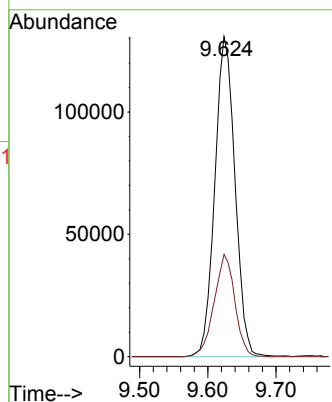
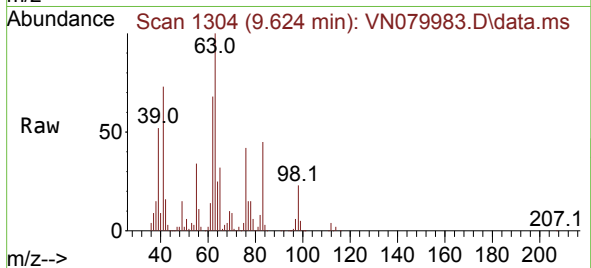
VSTDCCC050EC

Tgt Ion: 63 Resp: 269261

Ion Ratio Lower Upper

63 100

65 31.9 23.9 35.9



#46

Dibromomethane

Concen: 54.389 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

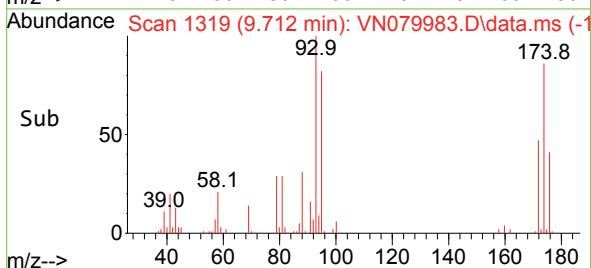
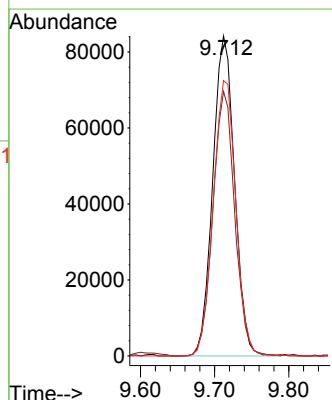
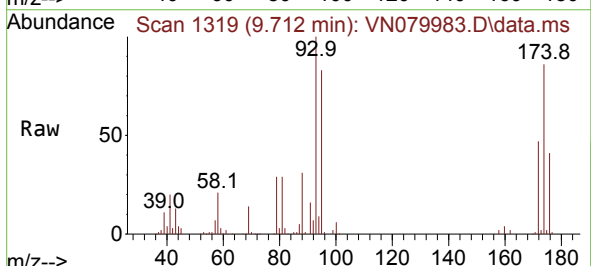
Tgt Ion: 93 Resp: 172091

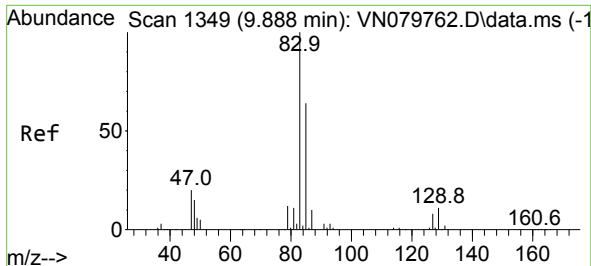
Ion Ratio Lower Upper

93 100

95 82.9 63.8 95.8

174 89.0 65.6 98.4

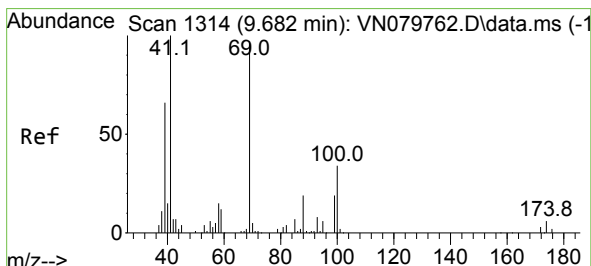
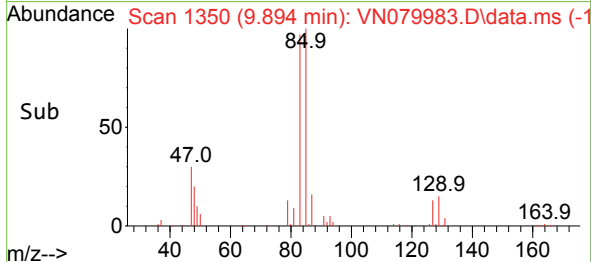
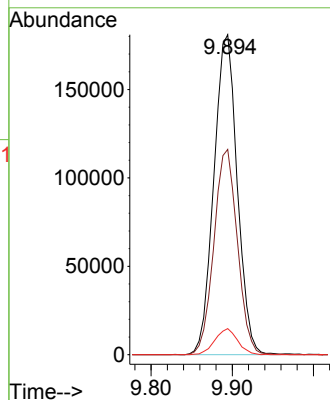
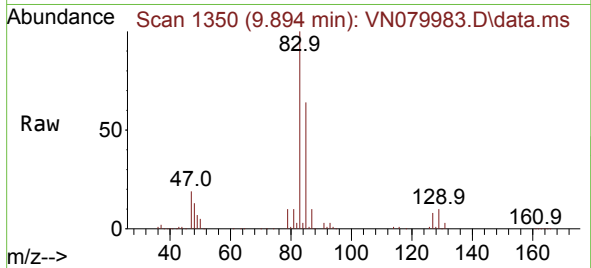




#47
Bromodichloromethane
Concen: 53.690 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

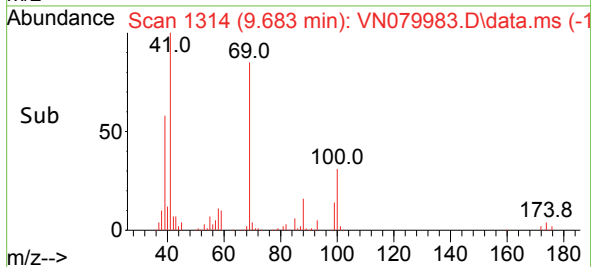
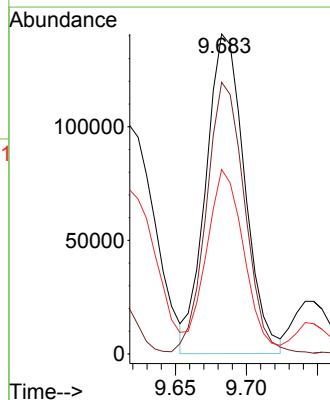
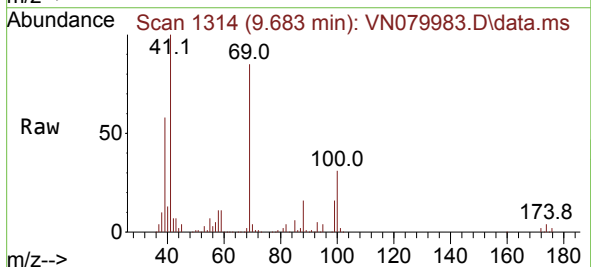
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

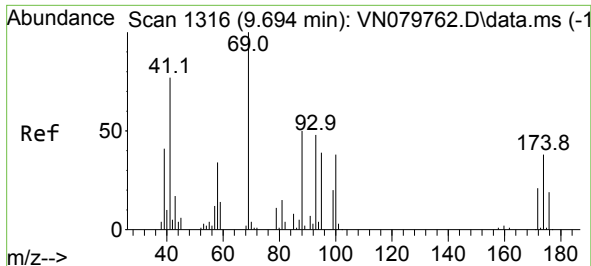
Tgt Ion: 83 Resp: 362298
Ion Ratio Lower Upper
83 100
85 64.1 49.6 74.4
127 8.2 7.0 10.6



#48
Methyl methacrylate
Concen: 62.706 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion: 41 Resp: 267436
Ion Ratio Lower Upper
41 100
69 83.6 90.4 135.6#
39 56.5 54.6 81.8





#49

1,4-Dioxane

Concen: 1190.946 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

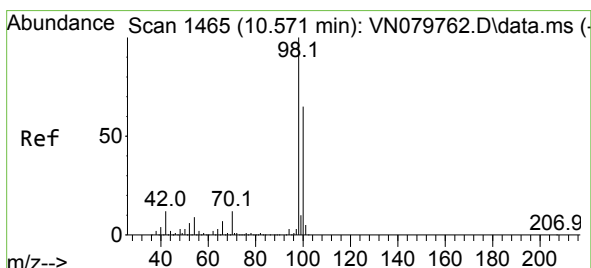
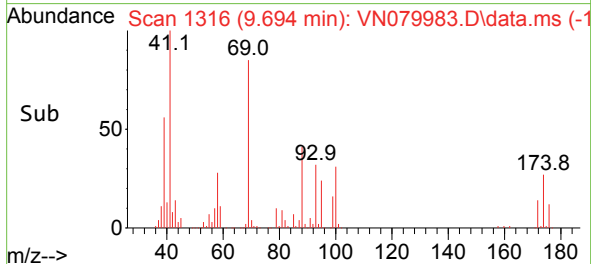
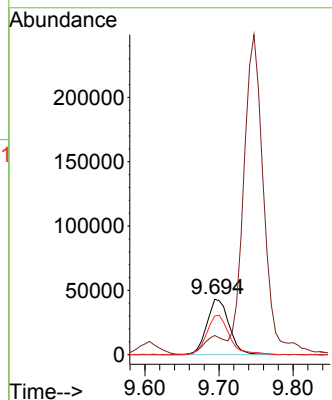
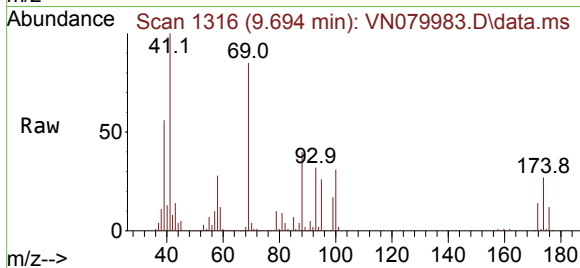
Tgt Ion: 88 Resp: 89750

Ion Ratio Lower Upper

88 100

43 32.4 17.0 25.6#

58 73.1 47.0 70.4#



#50

Toluene-d8

Concen: 56.348 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079983.D

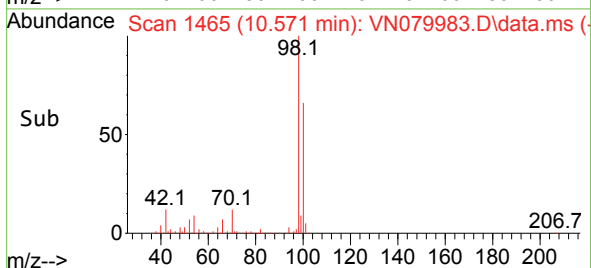
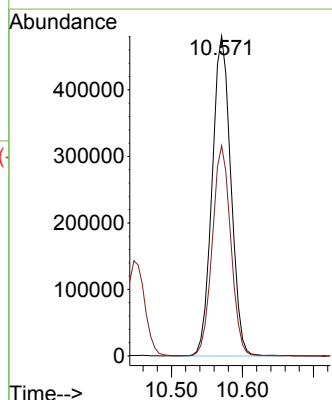
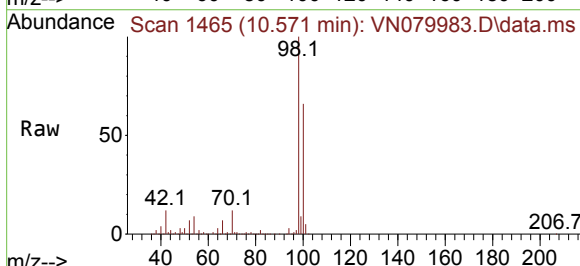
Acq: 07 Nov 2023 22:33

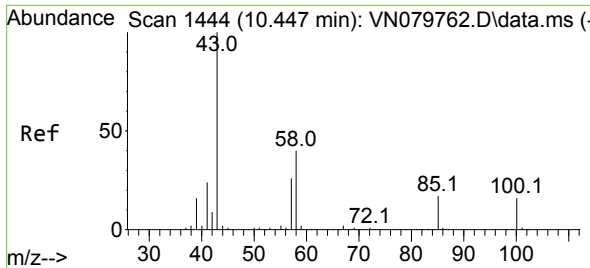
Tgt Ion: 98 Resp: 879538

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

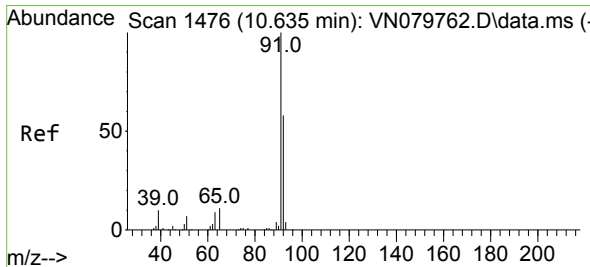
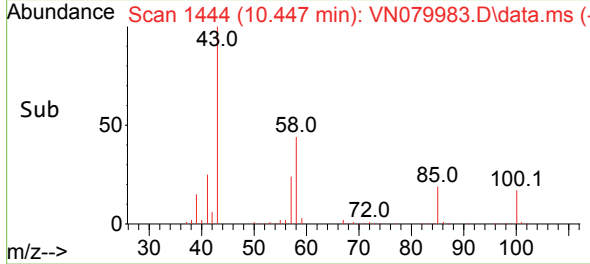
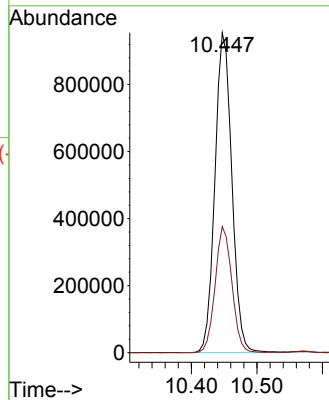
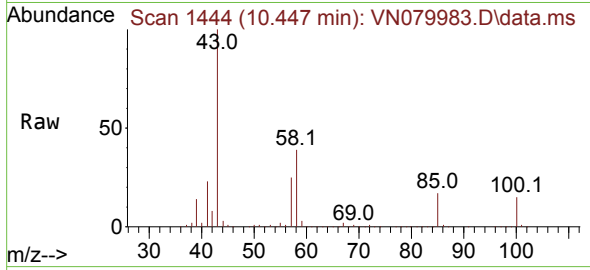




#51
4-Methyl-2-Pentanone
Concen: 311.564 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

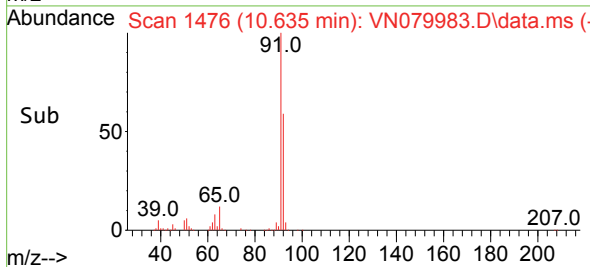
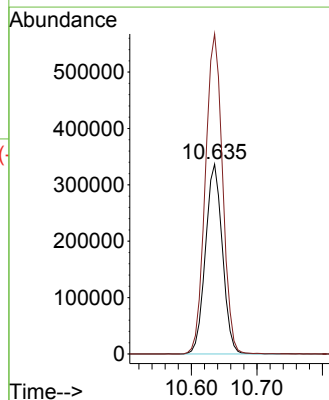
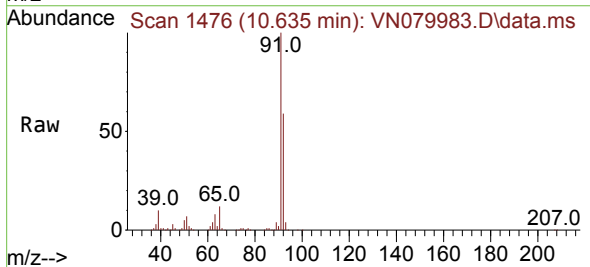
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

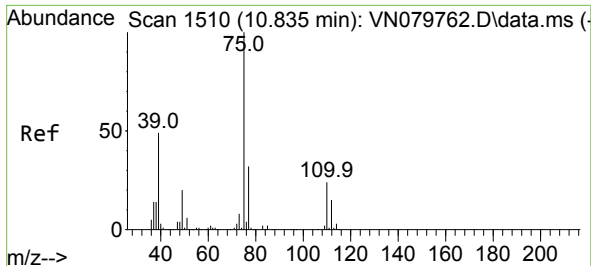
Tgt Ion: 43 Resp: 1707933
Ion Ratio Lower Upper
43 100
58 39.1 36.6 54.8



#52
Toluene
Concen: 56.306 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion: 92 Resp: 605278
Ion Ratio Lower Upper
92 100
91 171.4 137.4 206.0

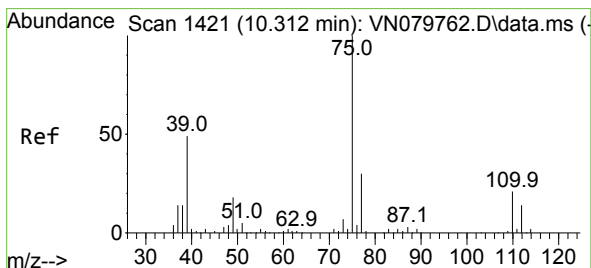
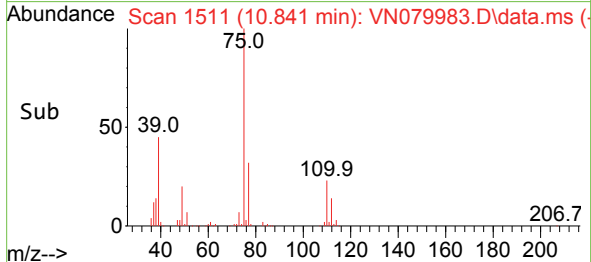
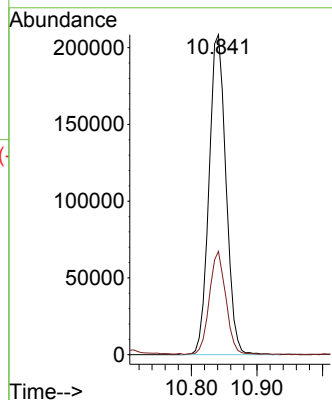
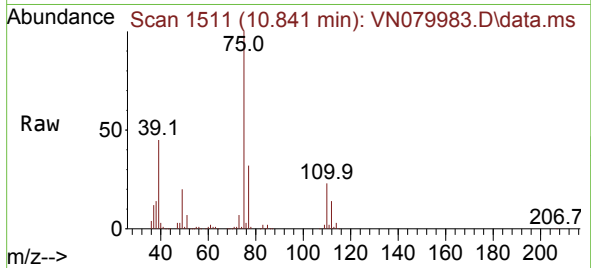




#53
 t-1,3-Dichloropropene
 Concen: 56.704 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079983.D
 Acq: 07 Nov 2023 22:33

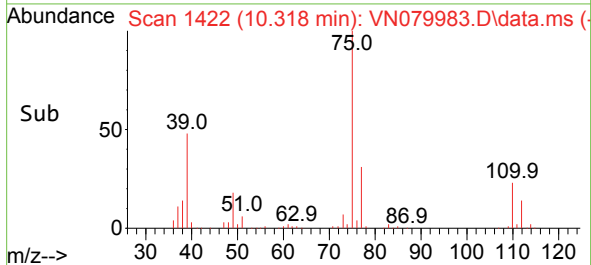
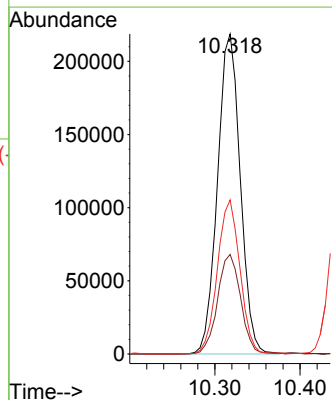
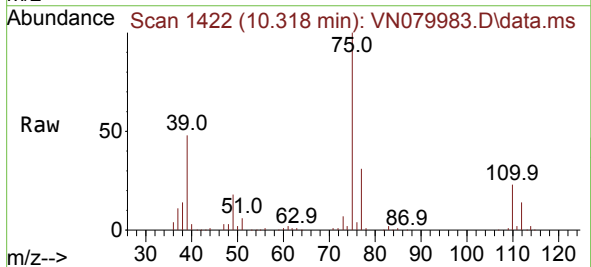
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

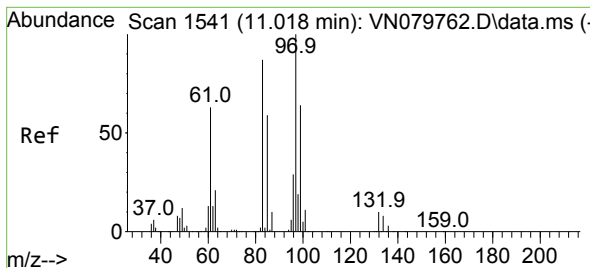
Tgt Ion: 75 Resp: 375107
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 56.254 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079983.D
 Acq: 07 Nov 2023 22:33

Tgt Ion: 75 Resp: 405615
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.1 39.1
 39 48.1 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 56.395 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 243836

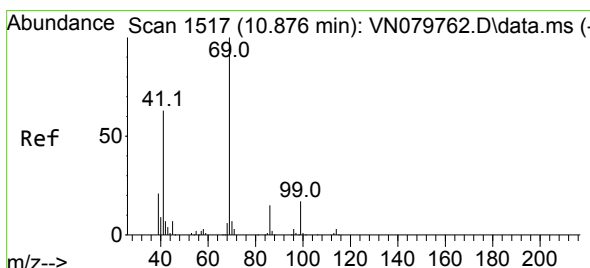
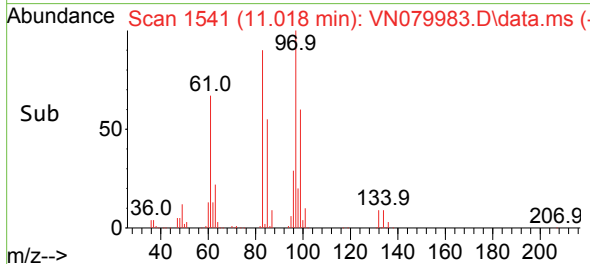
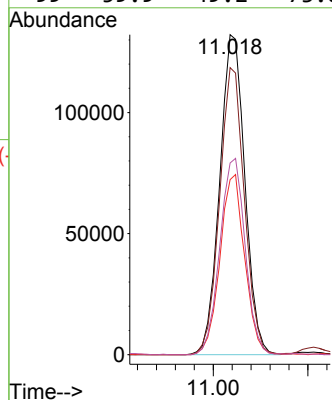
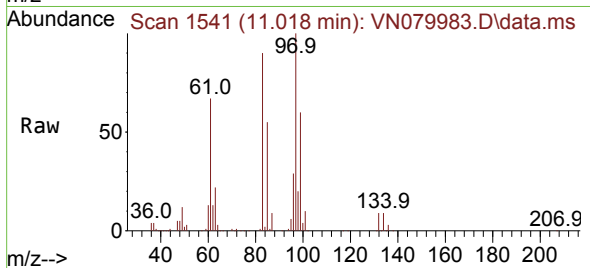
Ion Ratio Lower Upper

97 100

83 89.7 65.1 97.7

85 54.7 43.4 65.2

99 59.9 49.2 73.8



#56

Ethyl methacrylate

Concen: 60.730 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

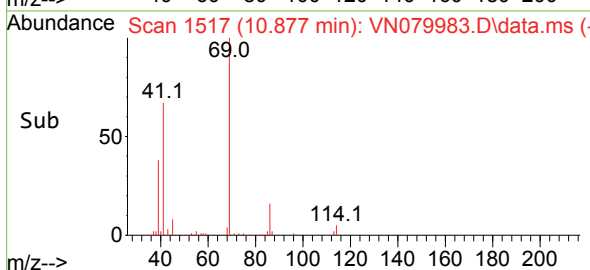
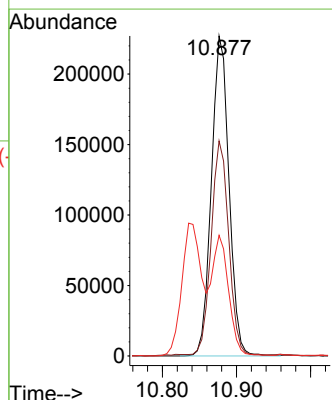
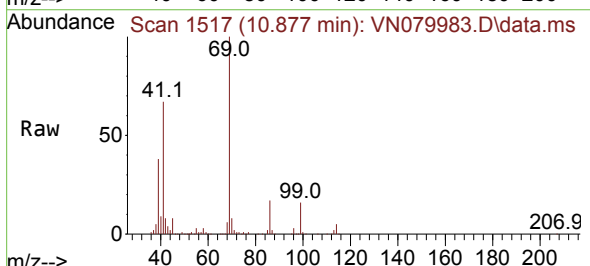
Tgt Ion: 69 Resp: 374542

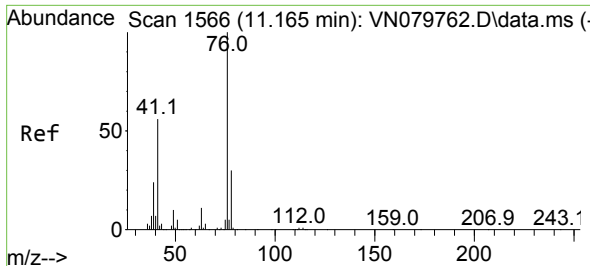
Ion Ratio Lower Upper

69 100

41 68.3 39.6 59.4#

39 35.7 28.6 43.0





#57

1,3-Dichloropropane

Concen: 56.871 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

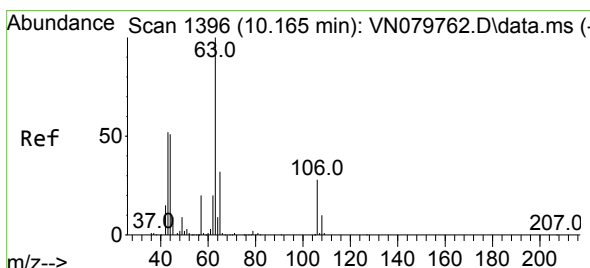
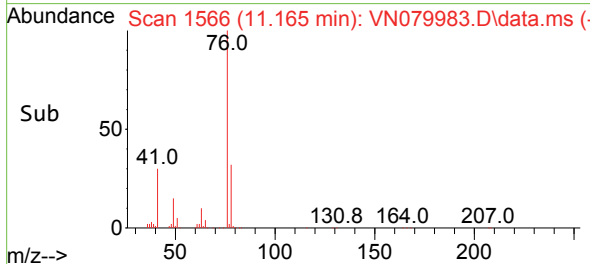
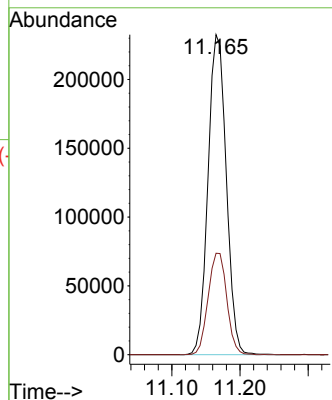
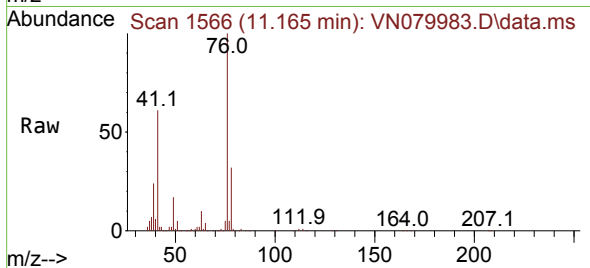
VSTDCCC050EC

Tgt Ion: 76 Resp: 433431

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 282.740 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079983.D

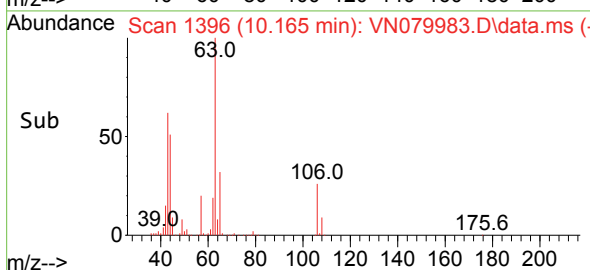
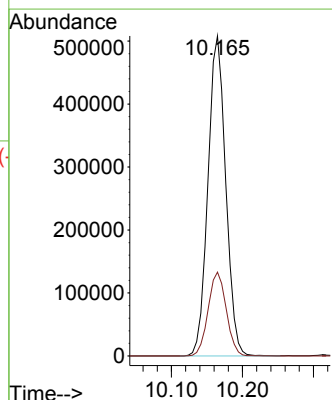
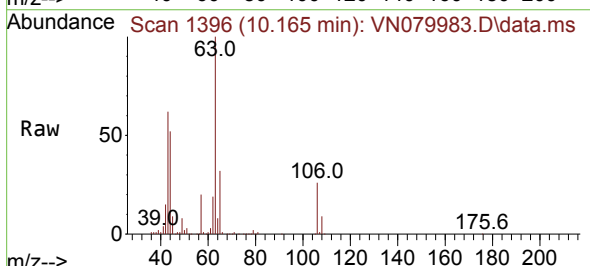
Acq: 07 Nov 2023 22:33

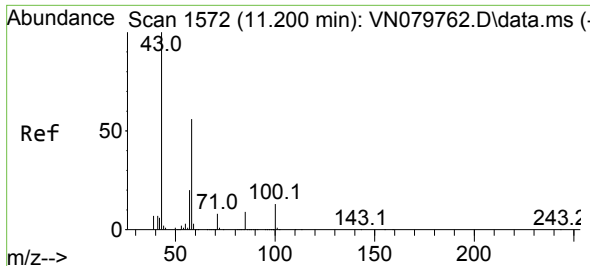
Tgt Ion: 63 Resp: 883802

Ion Ratio Lower Upper

63 100

106 26.7 26.2 39.4

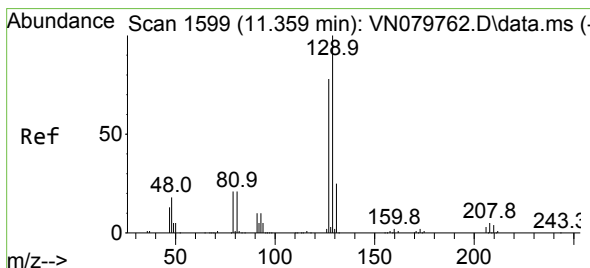
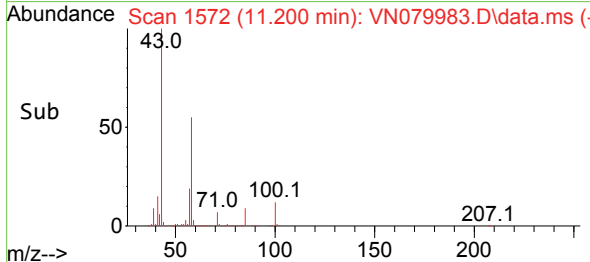
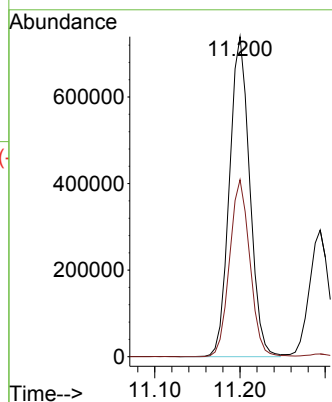
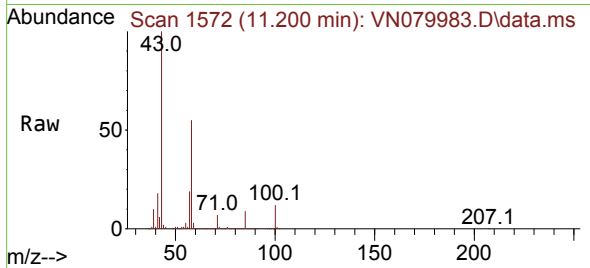




#59
2-Hexanone
Concen: 291.016 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

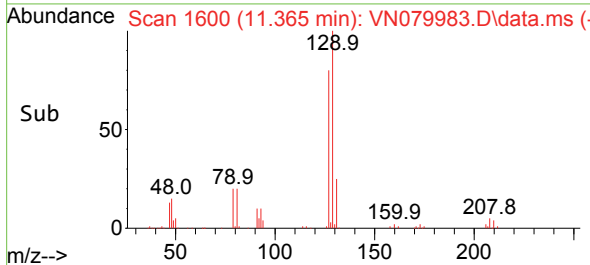
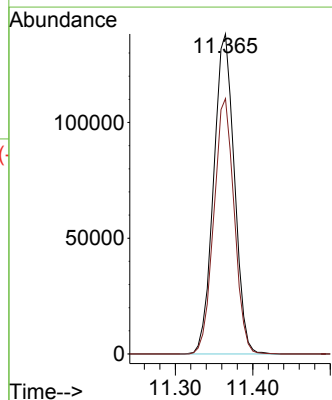
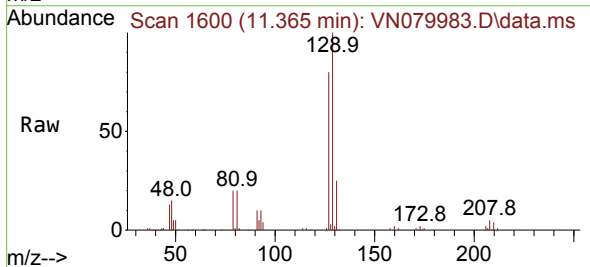
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

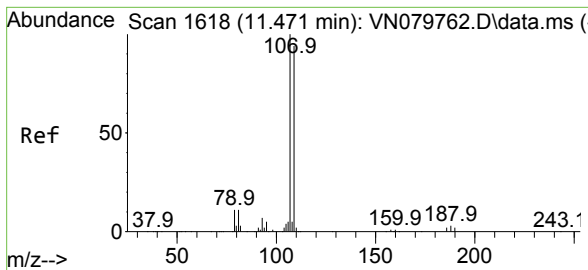
Tgt Ion: 43 Resp: 1220398
Ion Ratio Lower Upper
43 100
58 55.5 31.7 95.1



#60
Dibromochloromethane
Concen: 55.494 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion: 129 Resp: 256835
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0

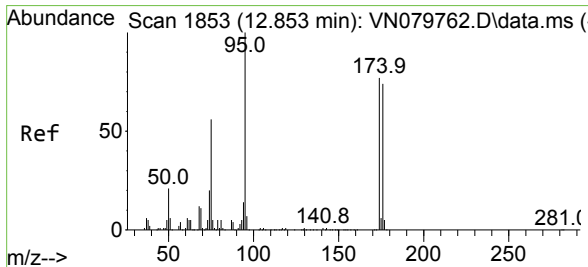
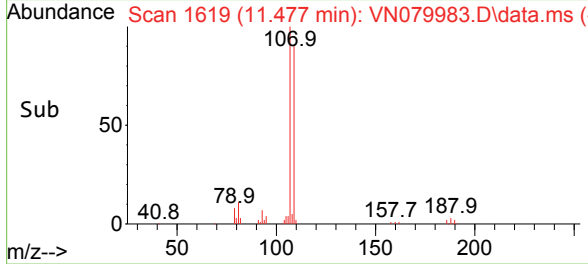
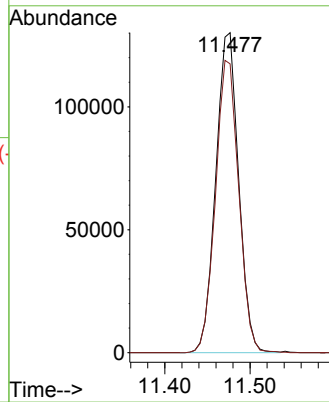
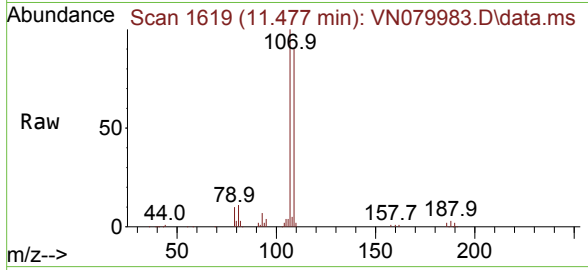




#61
1,2-Dibromoethane
Concen: 55.846 ug/l
RT: 11.477 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

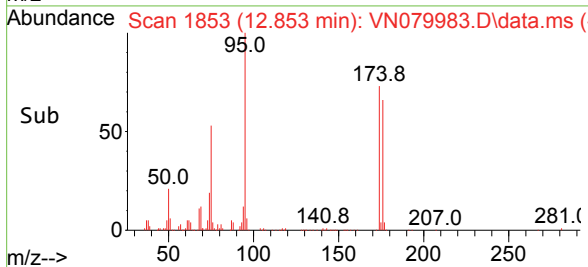
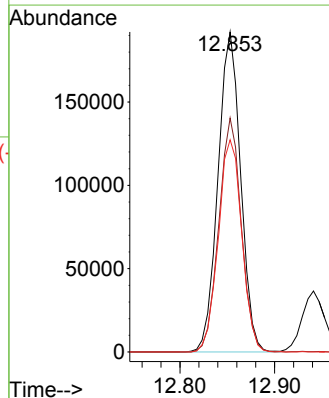
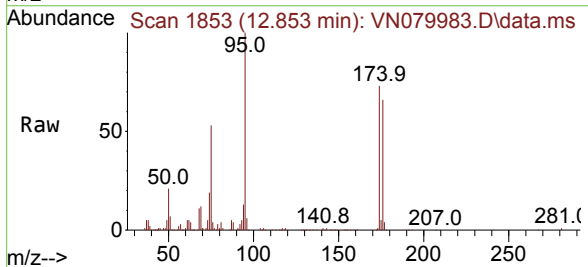
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

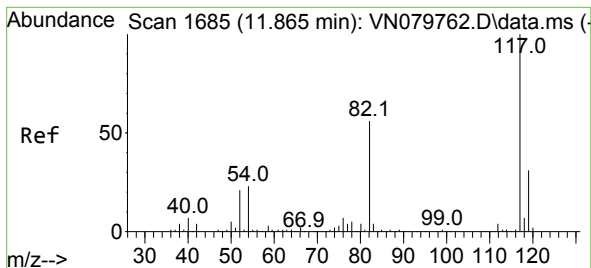
Tgt Ion:107 Resp: 242355
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 61.711 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion: 95 Resp: 319461
Ion Ratio Lower Upper
95 100
174 72.4 0.0 143.8
176 68.7 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: VN079983.D

Acq: 07 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

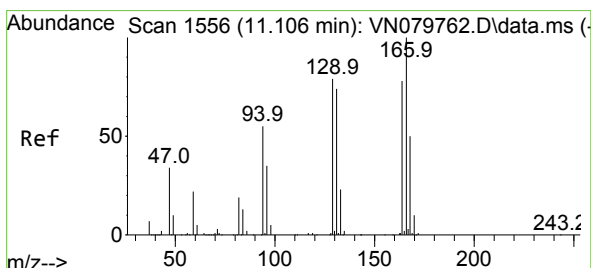
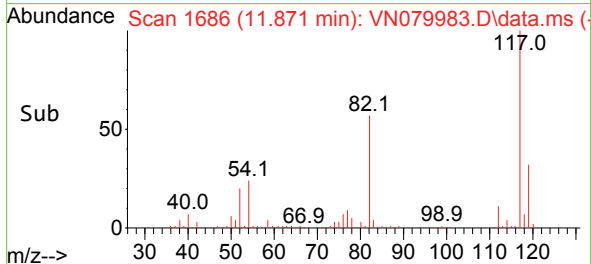
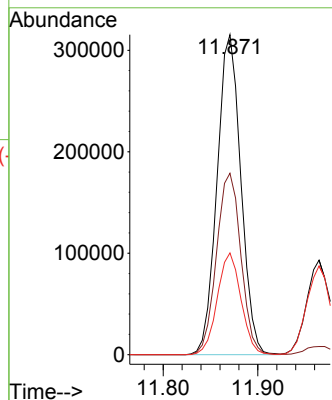
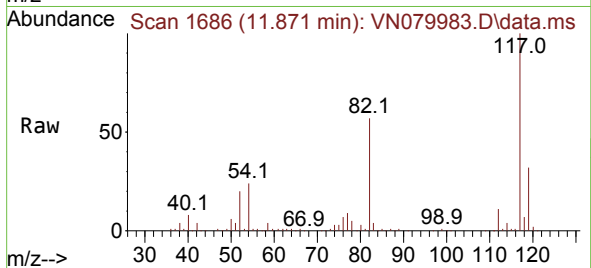
Tgt Ion:117 Resp: 551684

Ion Ratio Lower Upper

117 100

82 56.7 44.0 66.0

119 31.8 25.6 38.4



#64

Tetrachloroethene

Concen: 54.652 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Tgt Ion:164 Resp: 195273

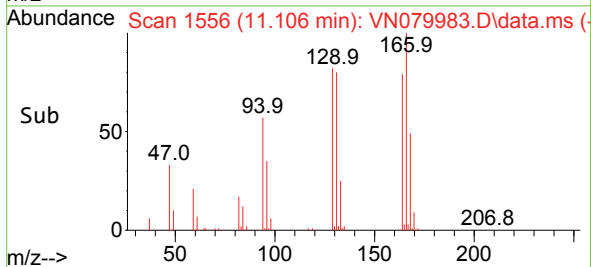
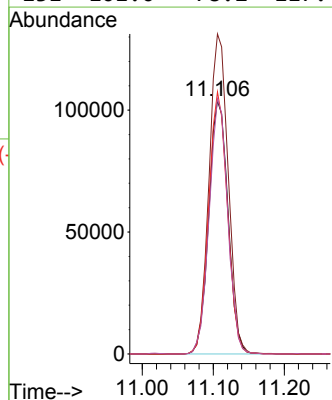
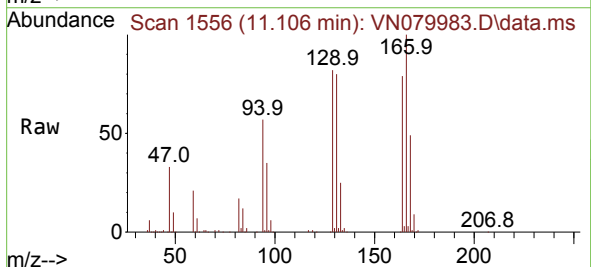
Ion Ratio Lower Upper

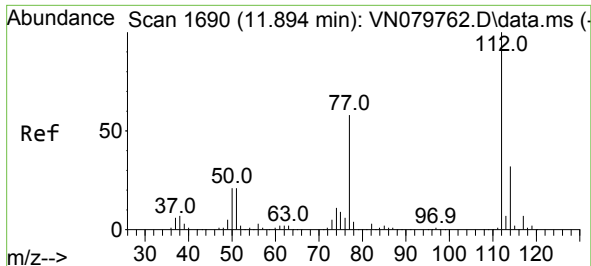
164 100

166 126.4 101.4 152.0

129 103.6 82.4 123.6

131 101.0 78.2 117.4

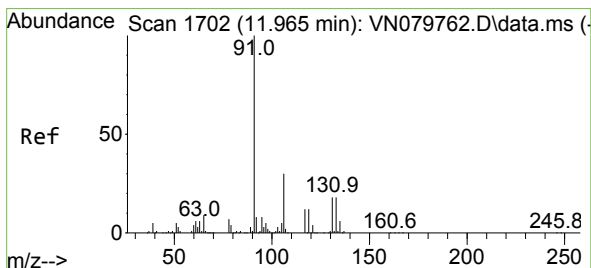
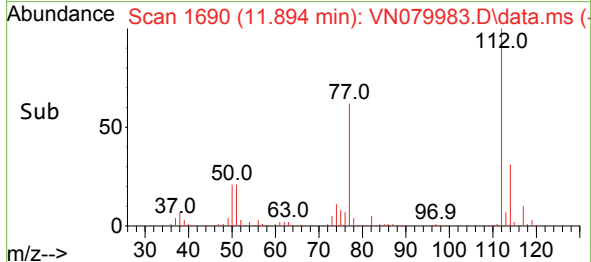
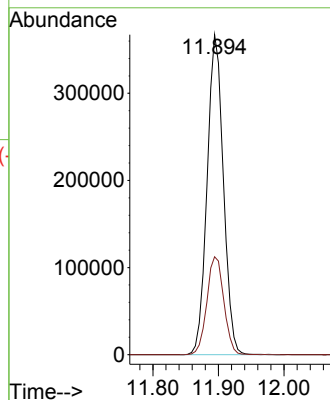
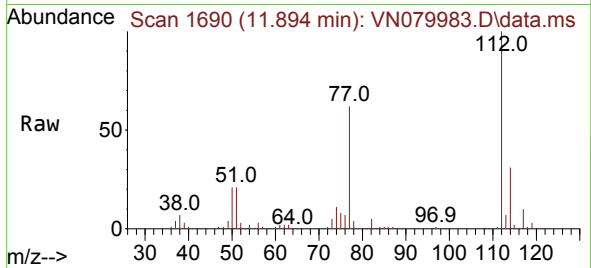




#65
Chlorobenzene
Concen: 52.932 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

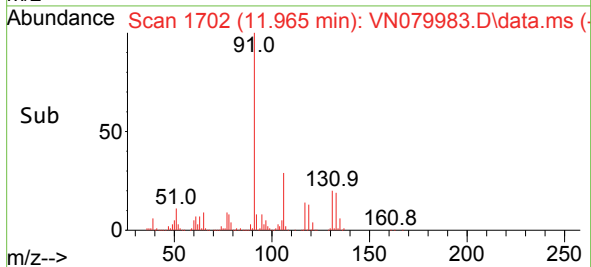
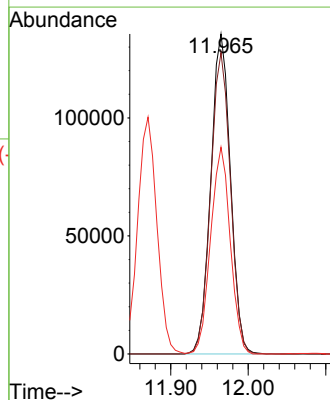
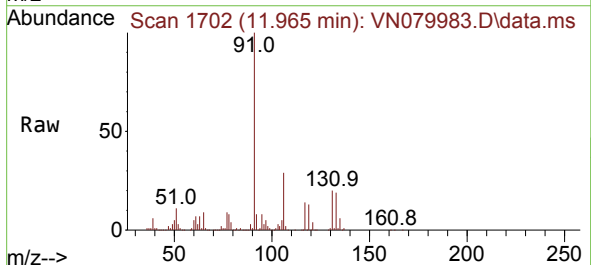
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

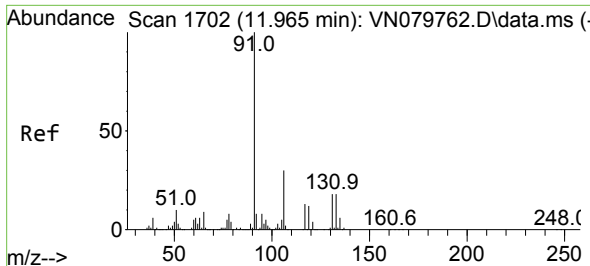
Tgt Ion:112 Resp: 633443
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.356 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion:131 Resp: 238675
Ion Ratio Lower Upper
131 100
133 94.9 46.4 139.1
119 64.6 34.1 102.2





#67

Ethyl Benzene

Concen: 55.958 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

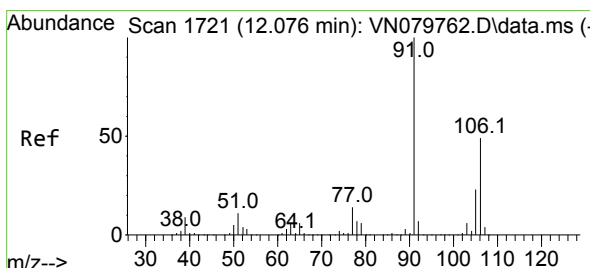
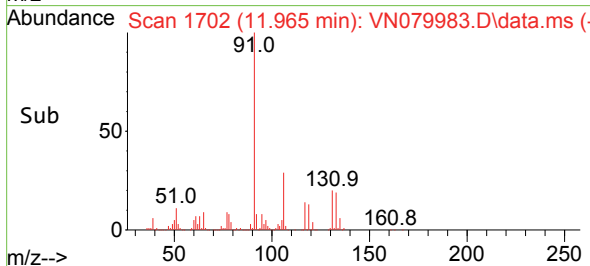
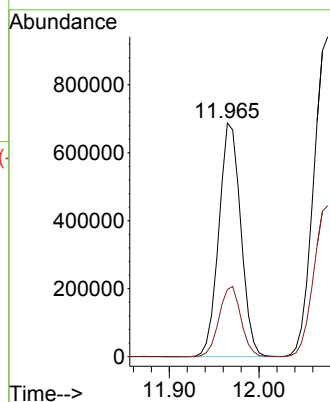
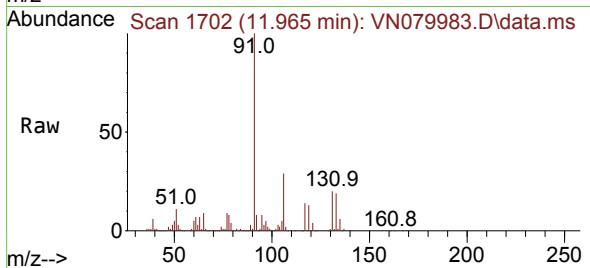
VSTDCCC050EC

Tgt Ion: 91 Resp: 1166704

Ion Ratio Lower Upper

91 100

106 28.8 25.6 38.4



#68

m/p-Xylenes

Concen: 112.130 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN079983.D

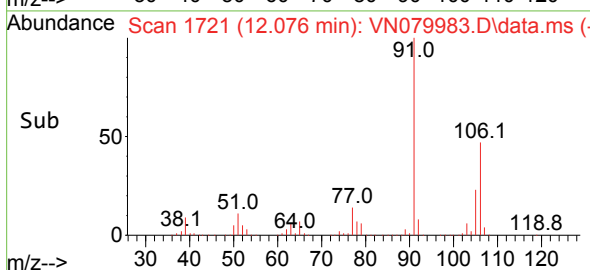
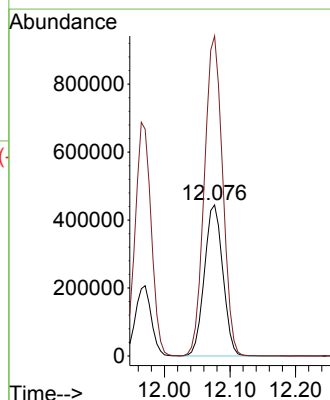
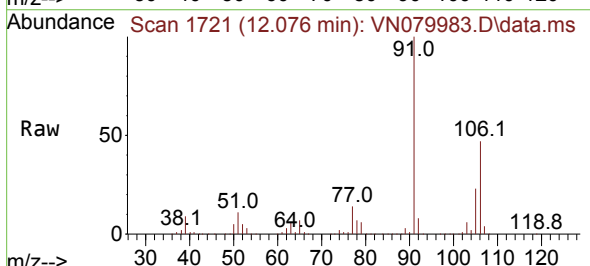
Acq: 07 Nov 2023 22:33

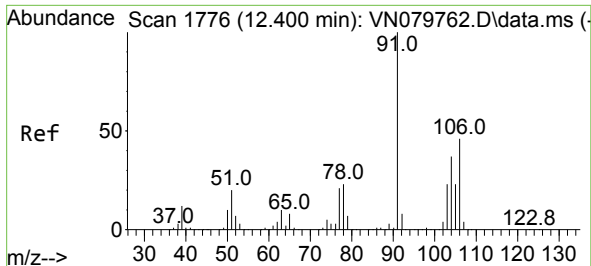
Tgt Ion:106 Resp: 870901

Ion Ratio Lower Upper

106 100

91 209.6 159.6 239.4

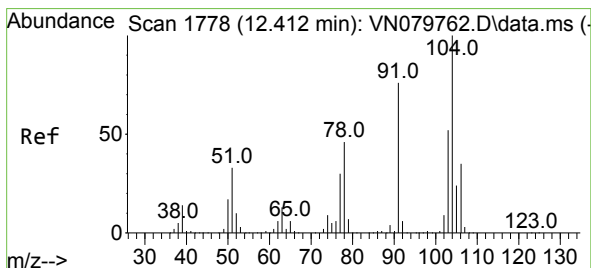
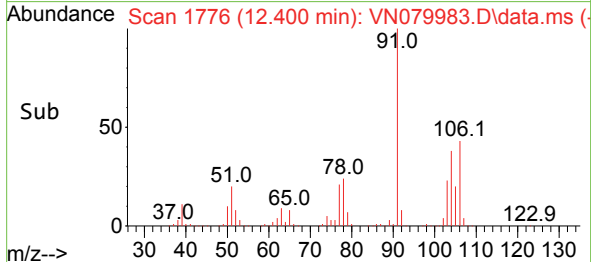
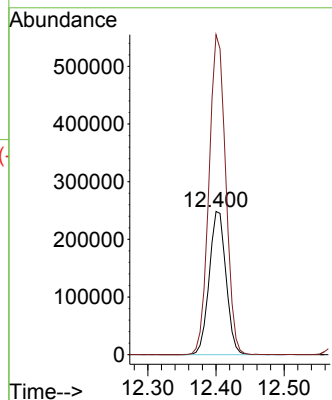
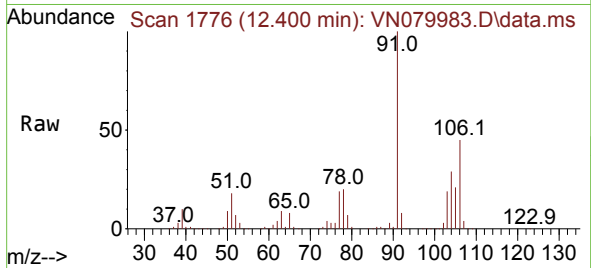




#69
o-Xylene
Concen: 56.942 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

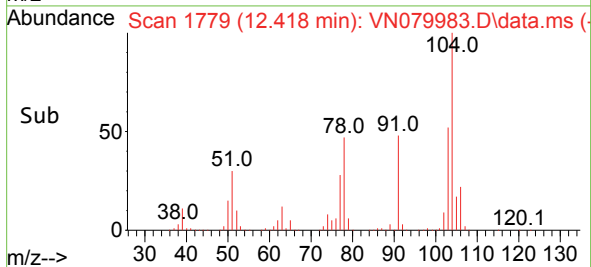
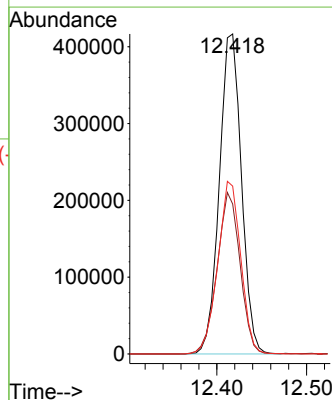
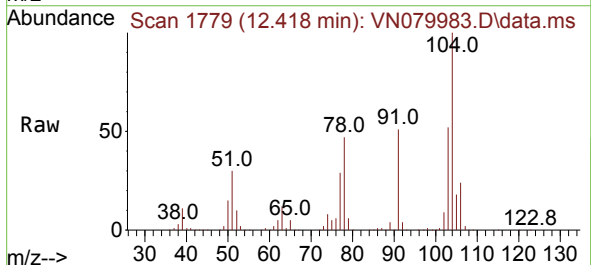
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

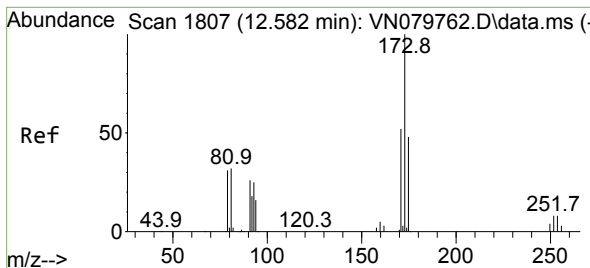
Tgt Ion:106 Resp: 425876
Ion Ratio Lower Upper
106 100
91 222.4 105.2 315.5



#70
Styrene
Concen: 59.300 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion:104 Resp: 712759
Ion Ratio Lower Upper
104 100
78 52.6 39.5 59.3
103 56.1 43.2 64.8





#71

Bromoform

Concen: 57.672 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

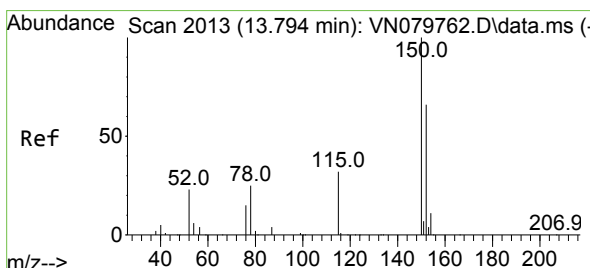
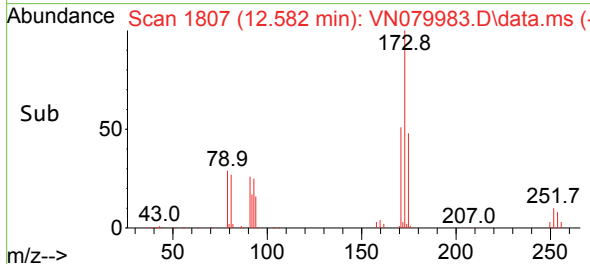
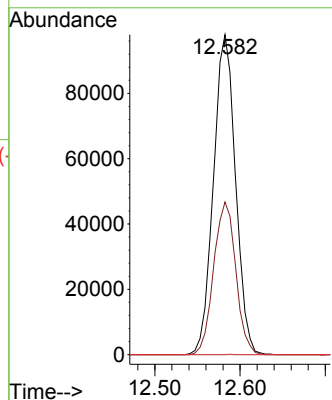
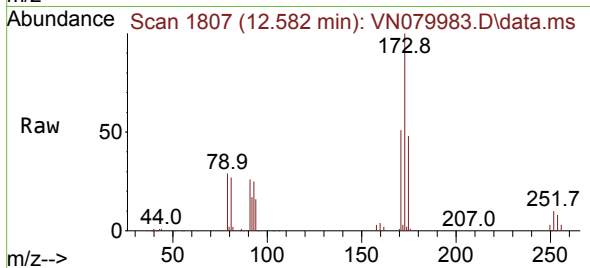
Tgt Ion:173 Resp: 176568

Ion Ratio Lower Upper

173 100

175 47.8 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: VN079983.D

Acq: 07 Nov 2023 22:33

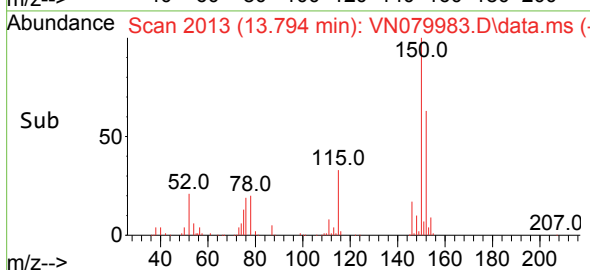
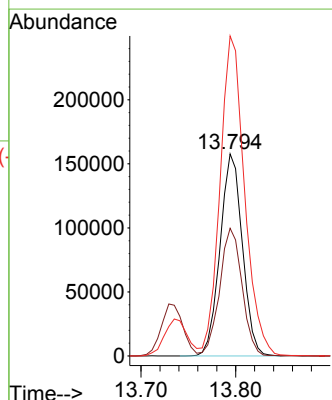
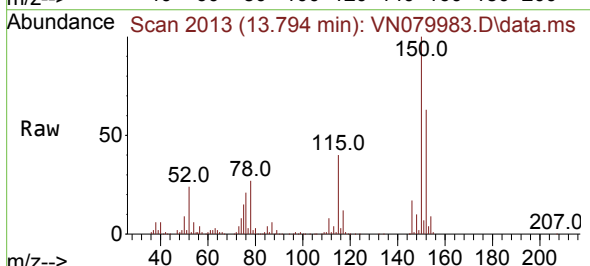
Tgt Ion:152 Resp: 258632

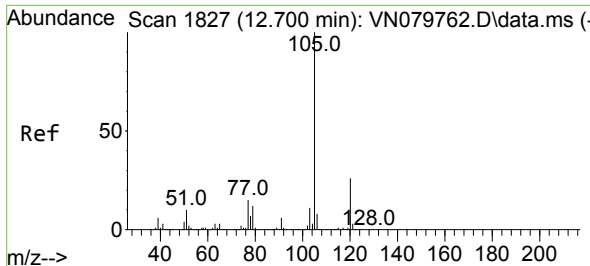
Ion Ratio Lower Upper

152 100

115 63.5 32.3 96.8

150 174.4 0.0 355.8

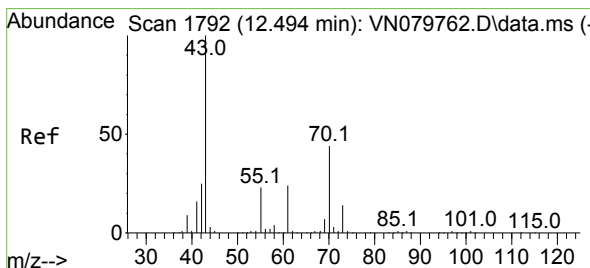
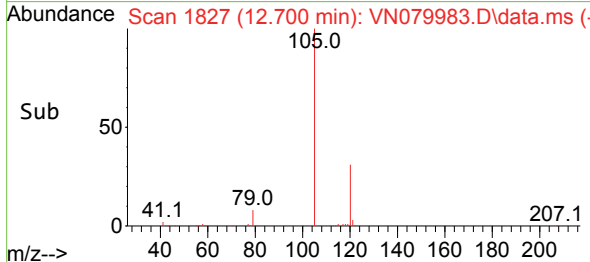
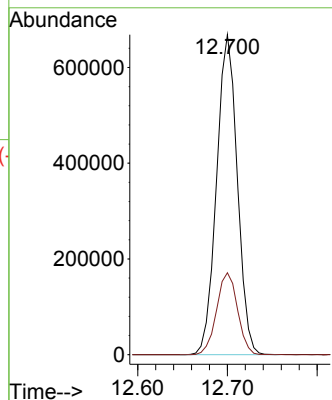
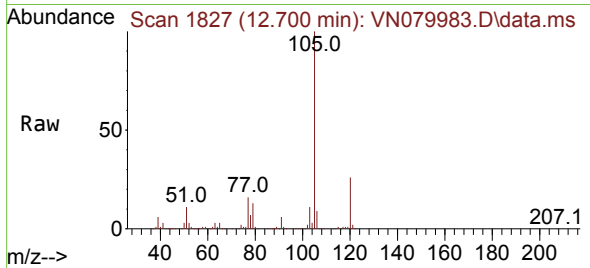




#73
Isopropylbenzene
Concen: 54.615 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

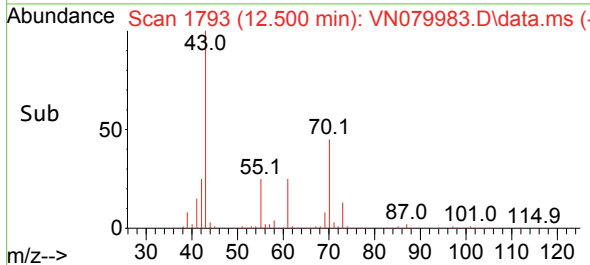
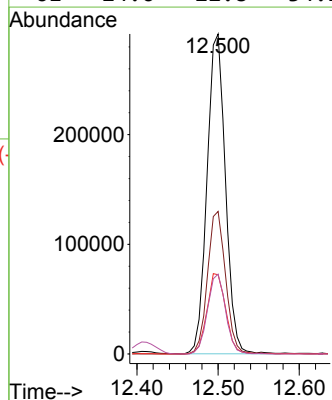
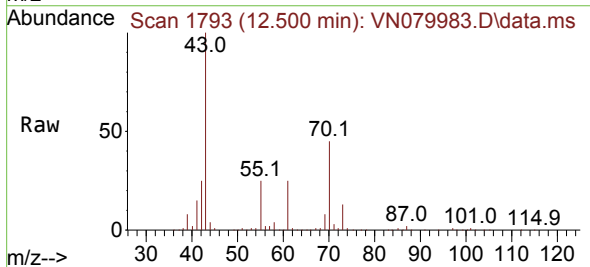
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

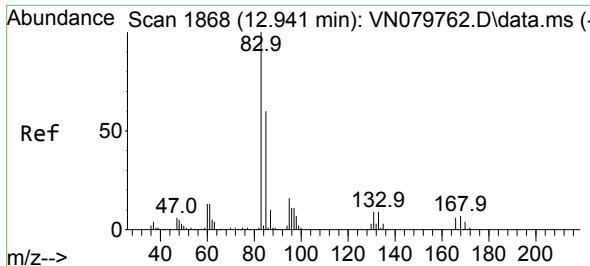
Tgt Ion:105 Resp: 1072023
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1



#74
N-ethyl acetate
Concen: 53.552 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion: 43 Resp: 458813
Ion Ratio Lower Upper
43 100
70 43.8 43.4 65.2
55 25.8 21.4 32.0
61 24.6 22.8 34.2

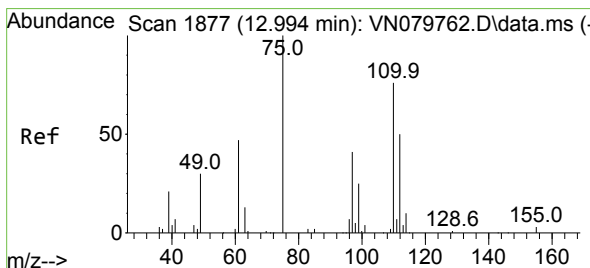
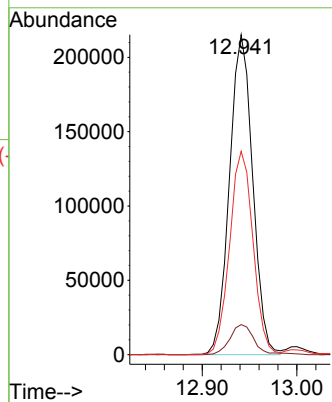
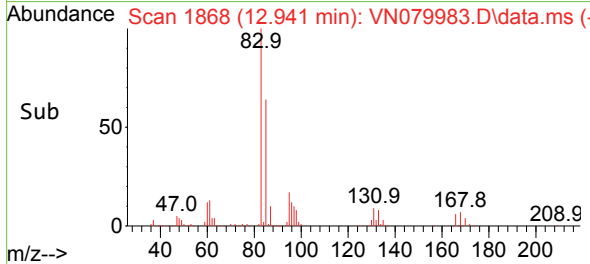
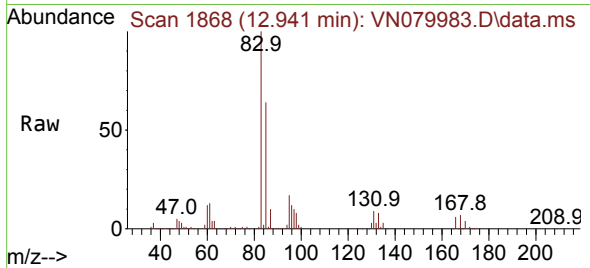




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.710 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079983.D
 Acq: 07 Nov 2023 22:33

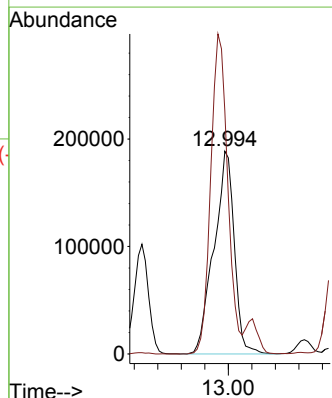
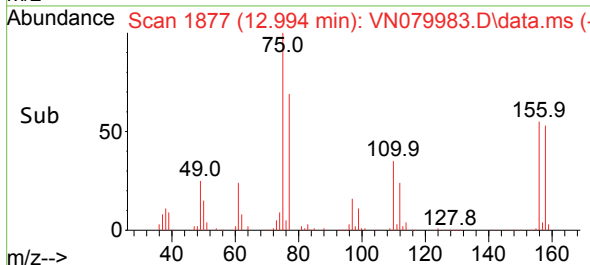
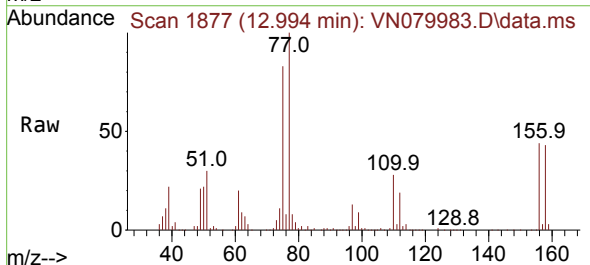
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

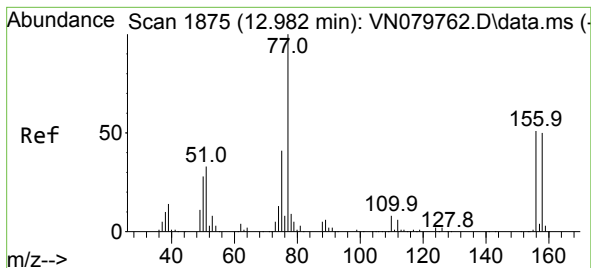
Tgt Ion: 83 Resp: 366834
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 15.0
 85 64.2 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 74.764 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN079983.D
 Acq: 07 Nov 2023 22:33

Tgt Ion: 75 Resp: 453959
 Ion Ratio Lower Upper
 75 100
 77 131.6 84.5 253.5





#77

Bromobenzene

Concen: 53.152 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

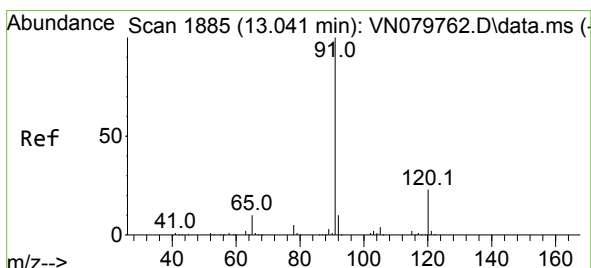
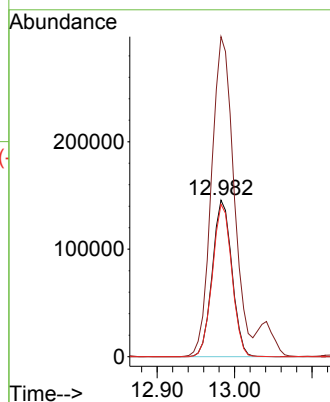
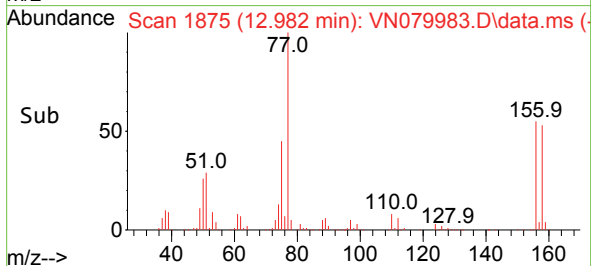
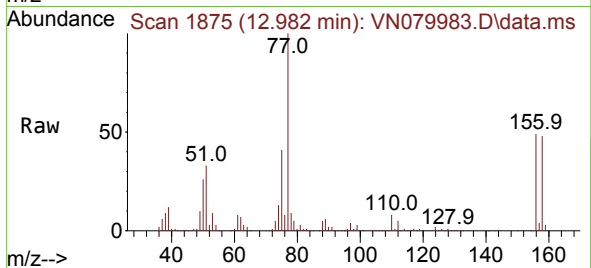
Tgt Ion:156 Resp: 255427

Ion Ratio Lower Upper

156 100

77 234.0 107.7 323.3

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 56.024 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079983.D

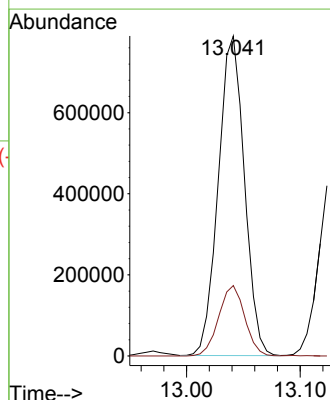
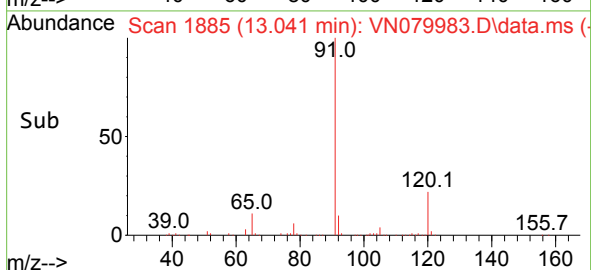
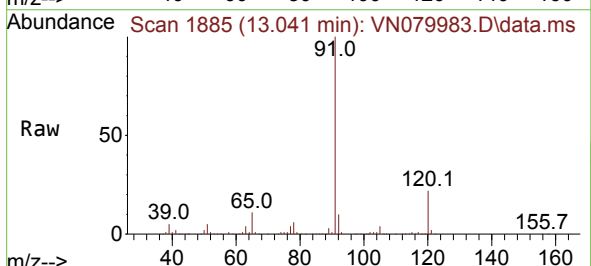
Acq: 07 Nov 2023 22:33

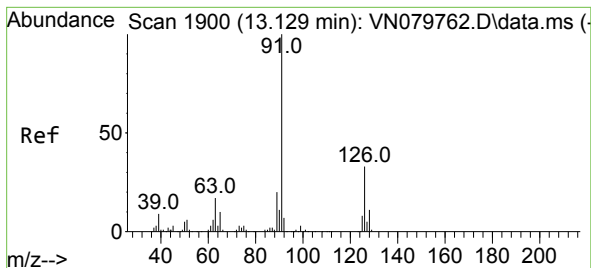
Tgt Ion: 91 Resp: 1259296

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 55.581 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

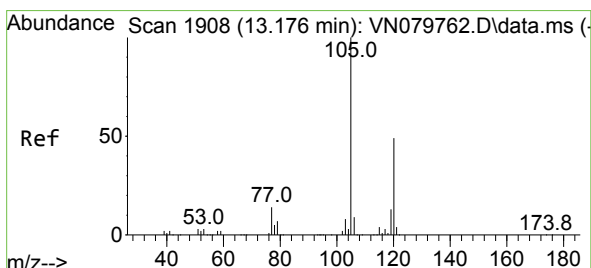
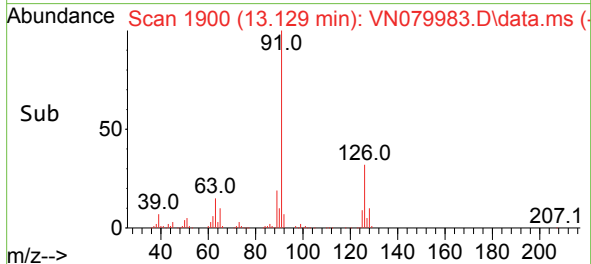
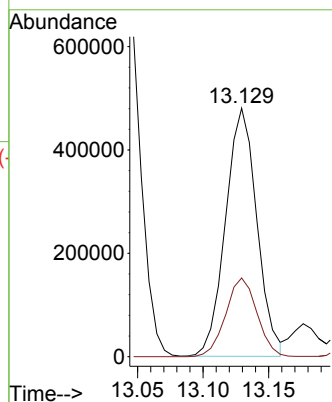
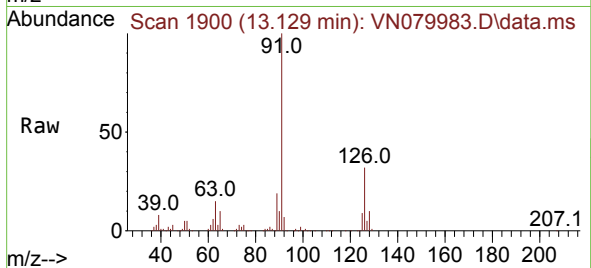
VSTDCCC050EC

Tgt Ion: 91 Resp: 798111

Ion Ratio Lower Upper

91 100

126 31.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 58.227 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079983.D

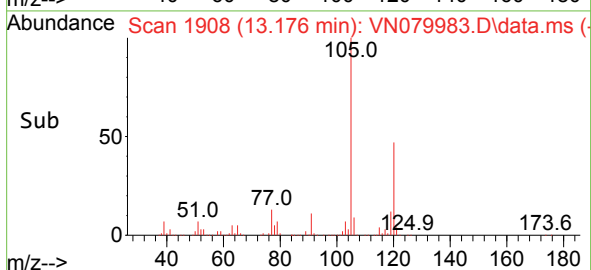
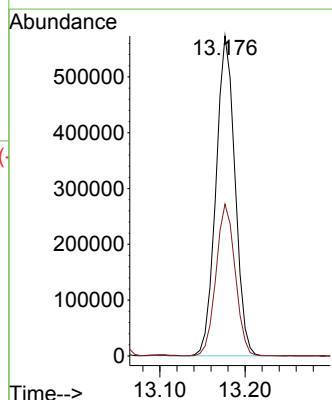
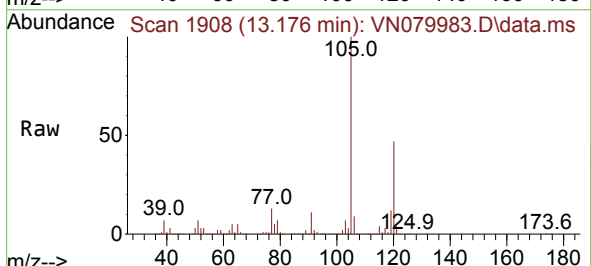
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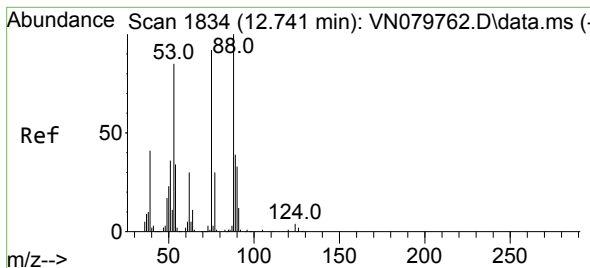
Tgt Ion: 105 Resp: 889217

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3

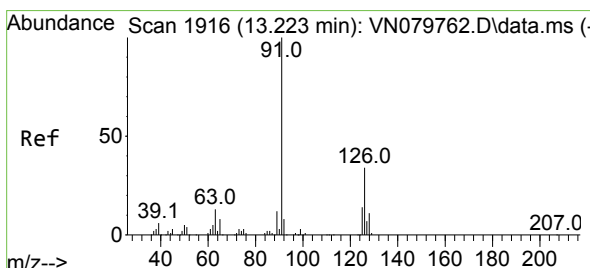
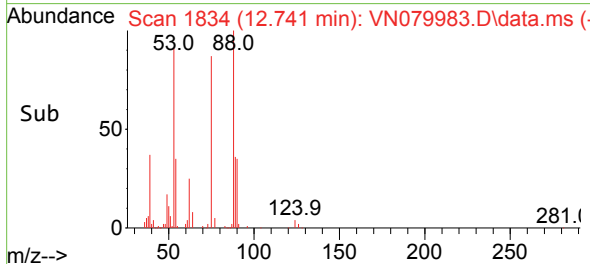
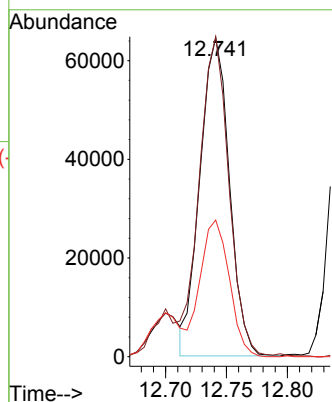
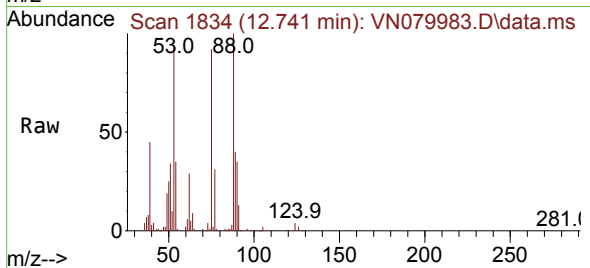




#81
trans-1,4-Dichloro-2-butene
Concen: 48.519 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

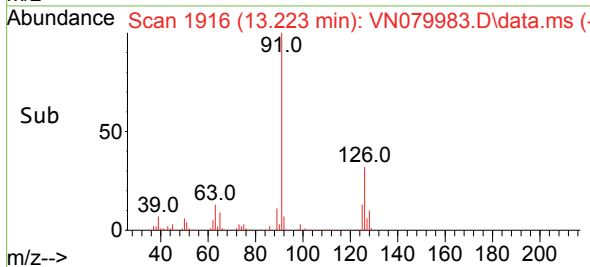
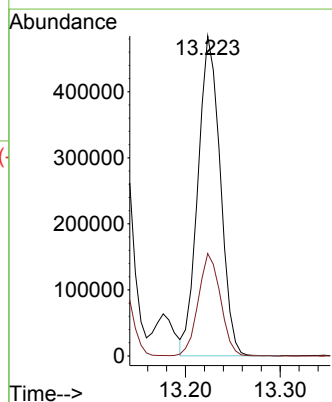
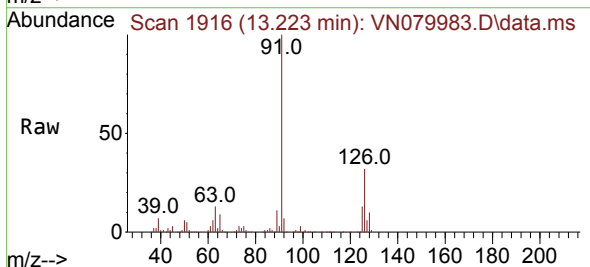
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

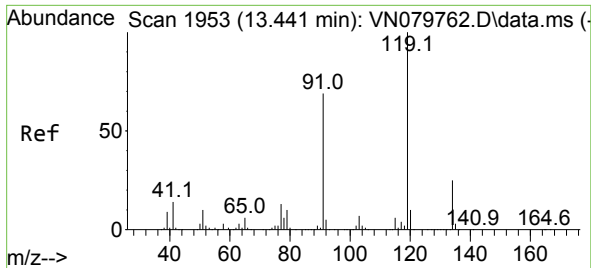
Tgt Ion: 75 Resp: 108279
Ion Ratio Lower Upper
75 100
53 102.1 67.4 101.2#
89 42.0 38.8 58.2



#82
4-Chlorotoluene
Concen: 55.486 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion: 91 Resp: 791738
Ion Ratio Lower Upper
91 100
126 31.9 16.7 50.0

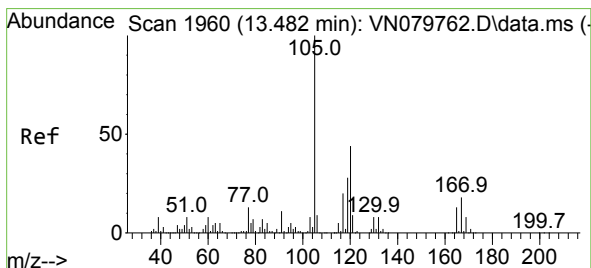
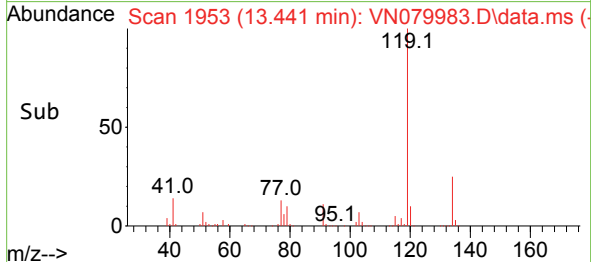
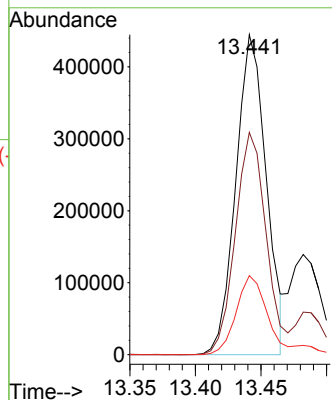
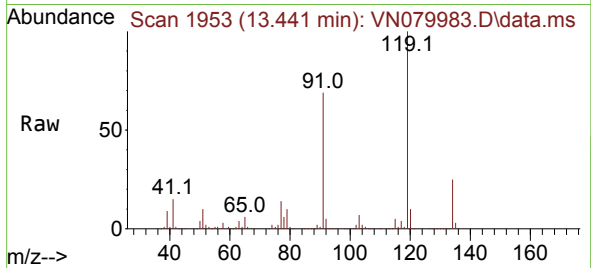




#83
 tert-Butylbenzene
 Concen: 57.434 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079983.D
 Acq: 07 Nov 2023 22:33

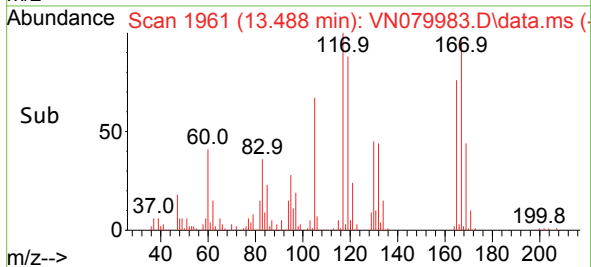
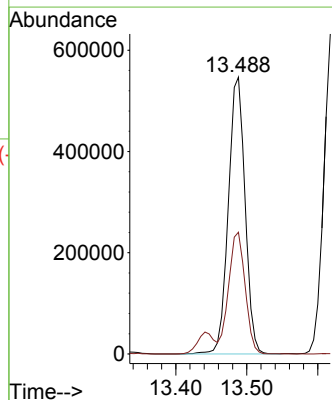
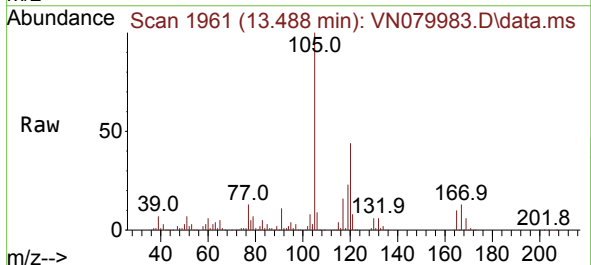
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

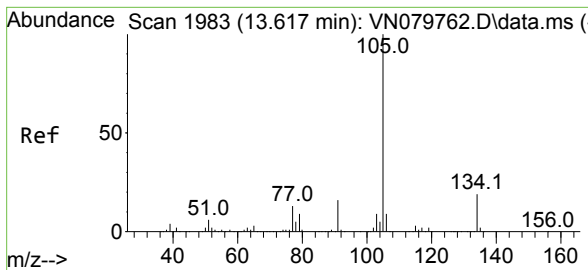
Tgt Ion:119 Resp: 717956
 Ion Ratio Lower Upper
 119 100
 91 70.7 33.9 101.7
 134 27.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 59.471 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN079983.D
 Acq: 07 Nov 2023 22:33

Tgt Ion:105 Resp: 893566
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.0 66.0

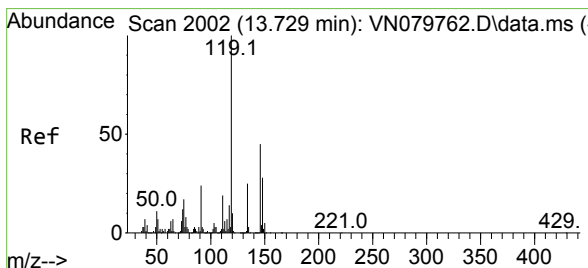
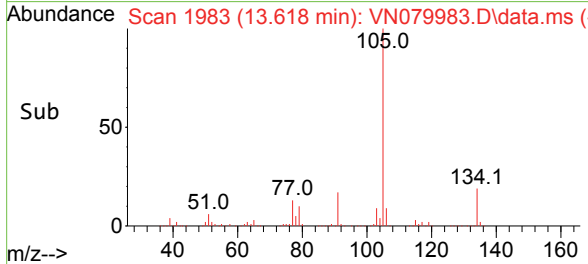
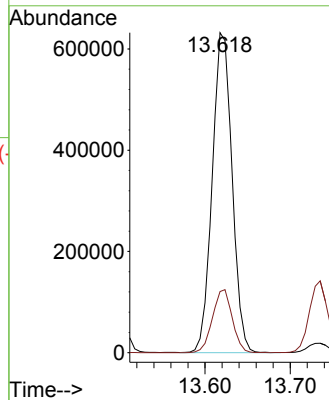
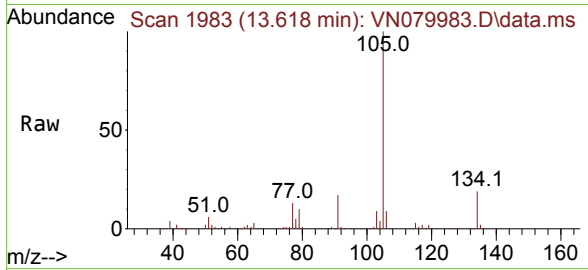




#85
 sec-Butylbenzene
 Concen: 59.077 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079983.D
 Acq: 07 Nov 2023 22:33

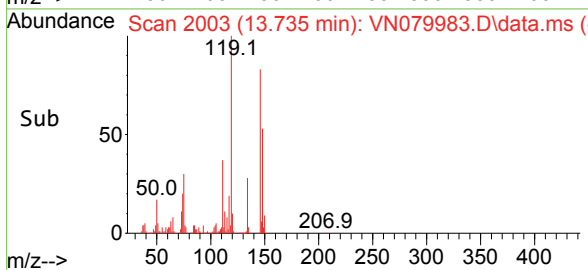
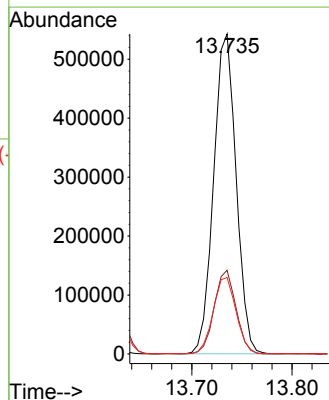
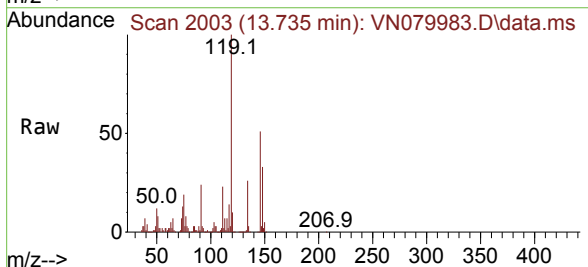
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

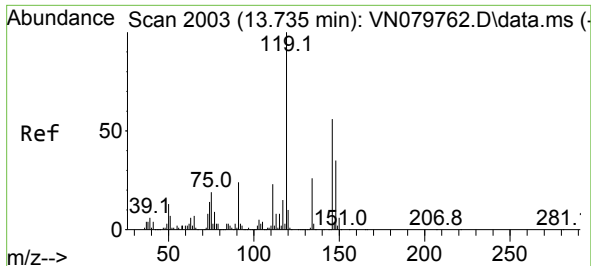
Tgt Ion:105 Resp: 1023156
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 59.807 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079983.D
 Acq: 07 Nov 2023 22:33

Tgt Ion:119 Resp: 844495
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.2 12.4 37.2

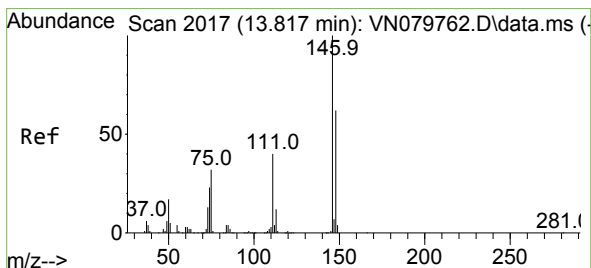
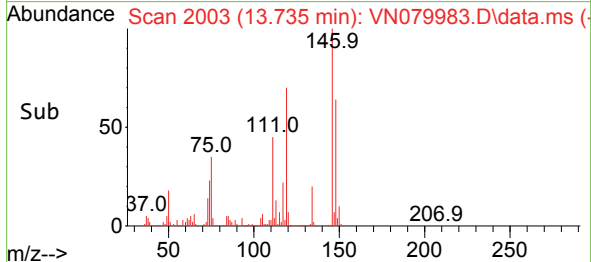
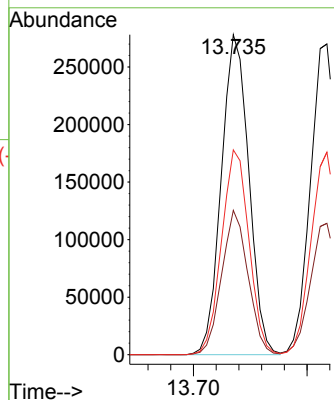
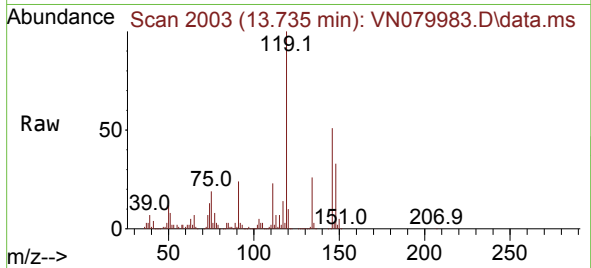




#87
 1,3-Dichlorobenzene
 Concen: 52.314 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079983.D
 Acq: 07 Nov 2023 22:33

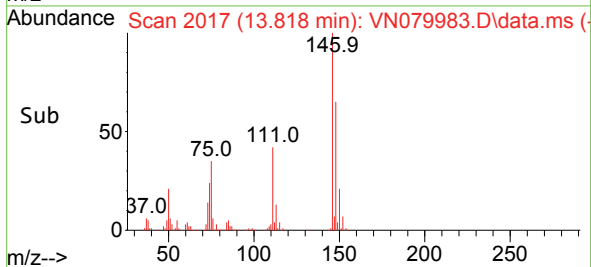
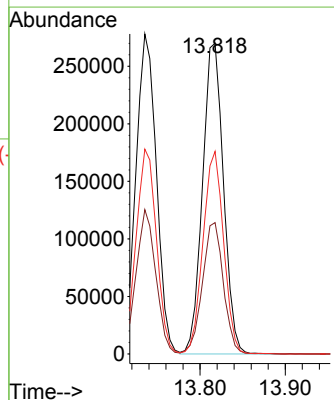
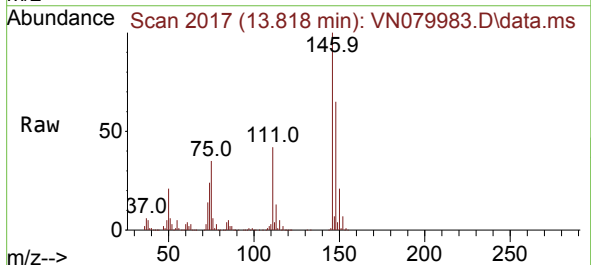
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

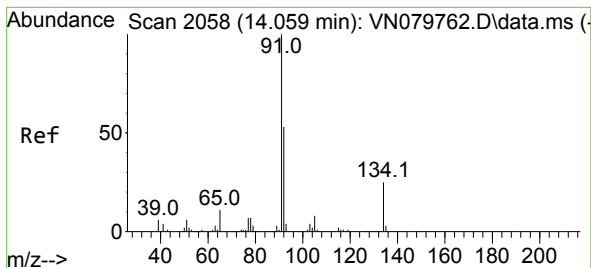
Tgt Ion:146 Resp: 467674
 Ion Ratio Lower Upper
 146 100
 111 43.4 22.1 66.3
 148 63.8 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.828 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079983.D
 Acq: 07 Nov 2023 22:33

Tgt Ion:146 Resp: 461221
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.6 61.8
 148 63.9 31.6 94.8





#89

n-Butylbenzene

Concen: 59.150 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

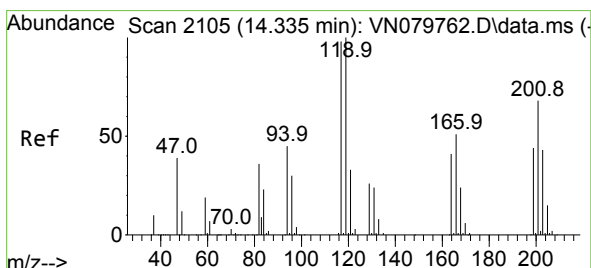
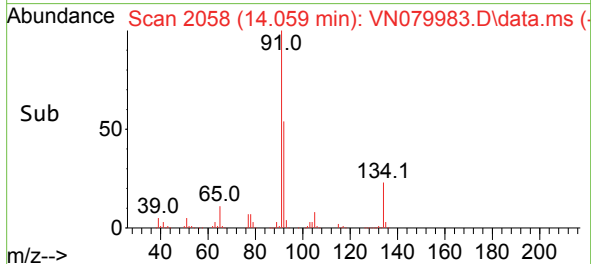
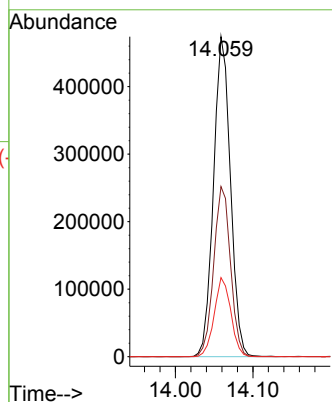
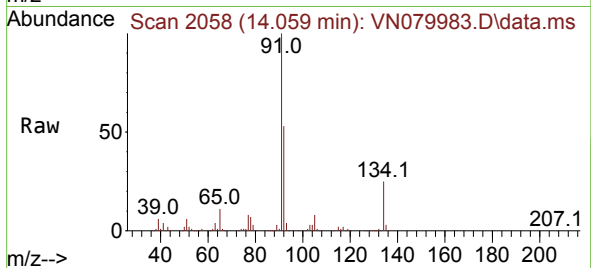
Tgt Ion: 91 Resp: 719369

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.0

134 24.2 12.6 37.6



#90

Hexachloroethane

Concen: 55.547 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079983.D

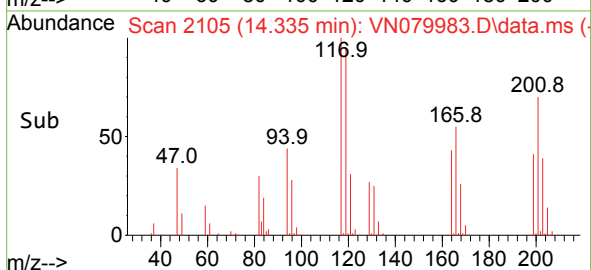
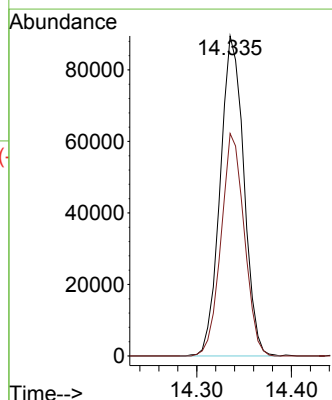
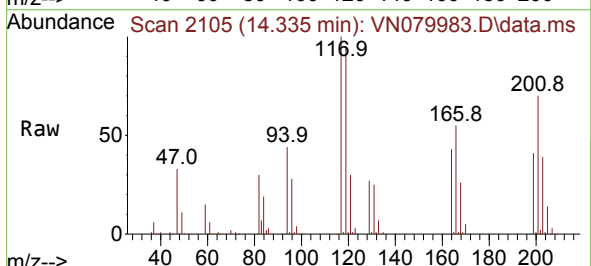
Acq: 07 Nov 2023 22:33

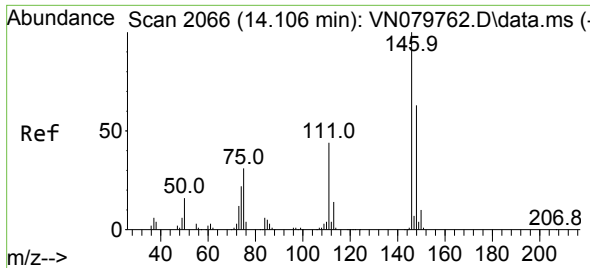
Tgt Ion: 117 Resp: 155334

Ion Ratio Lower Upper

117 100

201 68.3 29.3 88.0

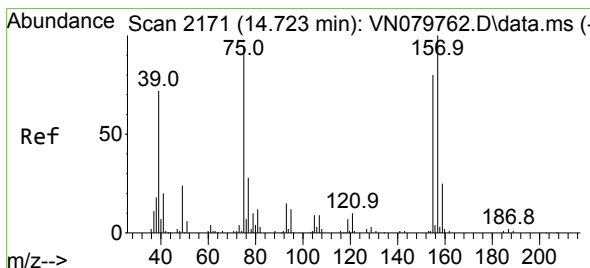
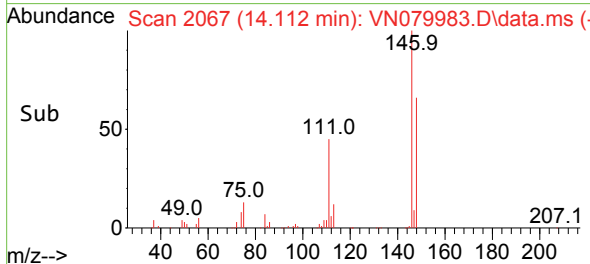
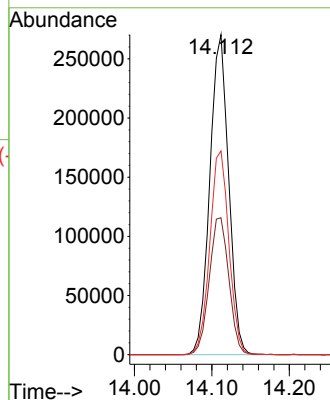
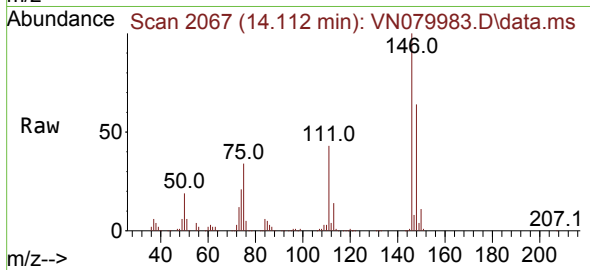




#91
1,2-Dichlorobenzene
Concen: 54.058 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

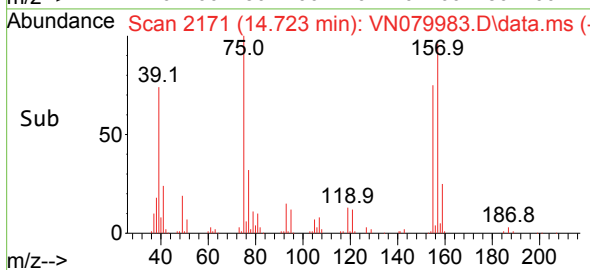
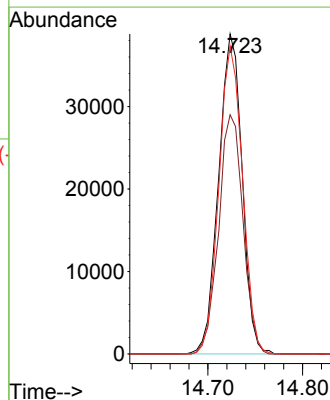
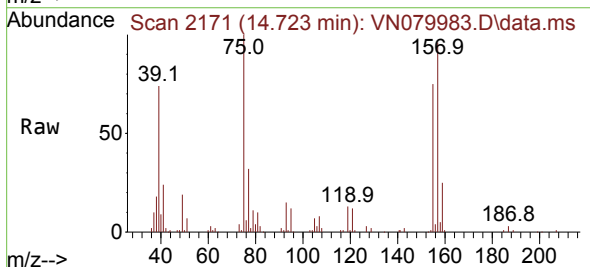
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

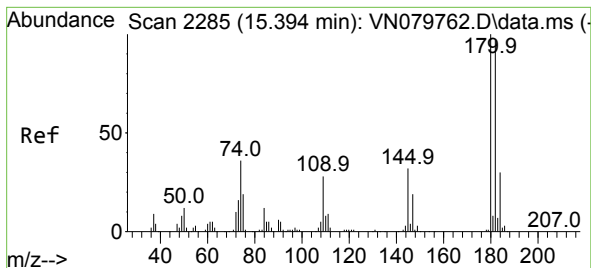
Tgt Ion:146 Resp: 456210
Ion Ratio Lower Upper
146 100
111 44.7 22.0 66.0
148 64.7 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.772 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079983.D
Acq: 07 Nov 2023 22:33

Tgt Ion: 75 Resp: 67003
Ion Ratio Lower Upper
75 100
155 77.4 39.1 117.2
157 96.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 56.099 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

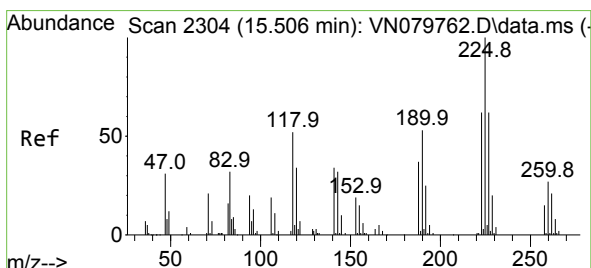
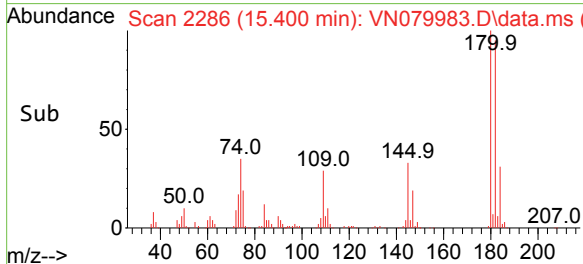
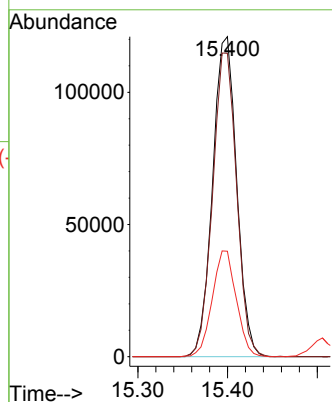
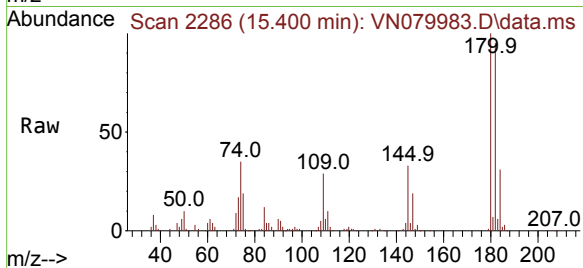
Tgt Ion:180 Resp: 225110

Ion Ratio Lower Upper

180 100

182 94.7 46.1 138.2

145 33.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 56.522 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

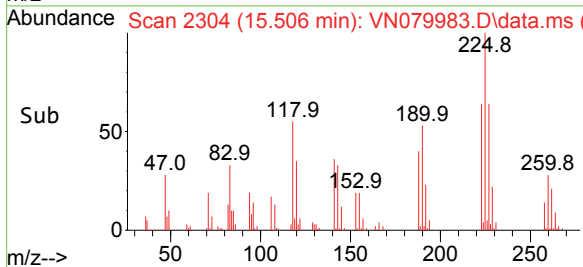
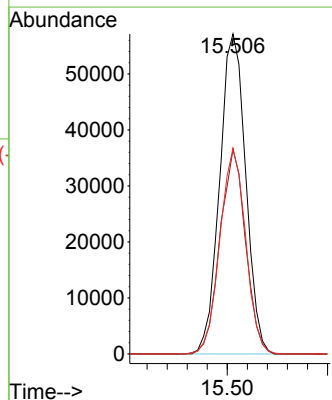
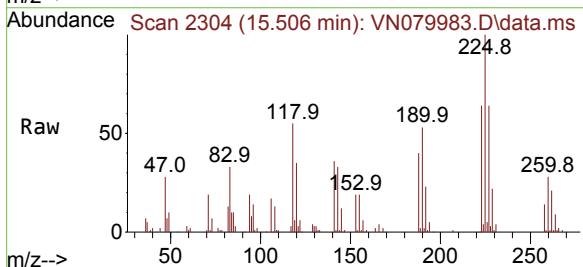
Tgt Ion:225 Resp: 102817

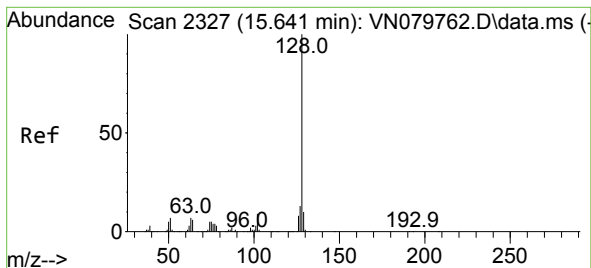
Ion Ratio Lower Upper

225 100

223 62.7 31.3 93.8

227 63.5 31.9 95.9





#95

Naphthalene

Concen: 53.378 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

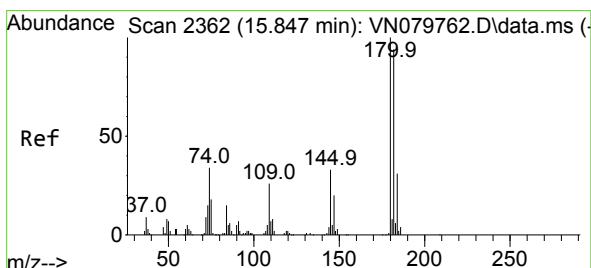
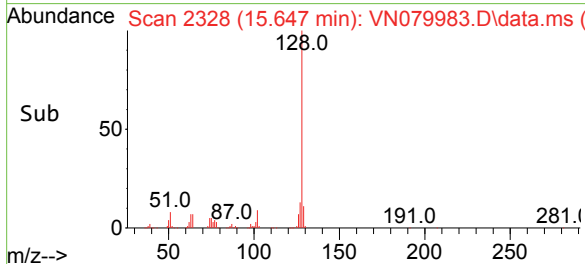
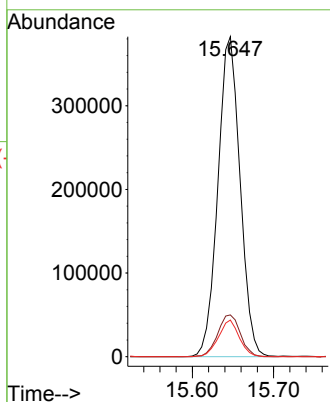
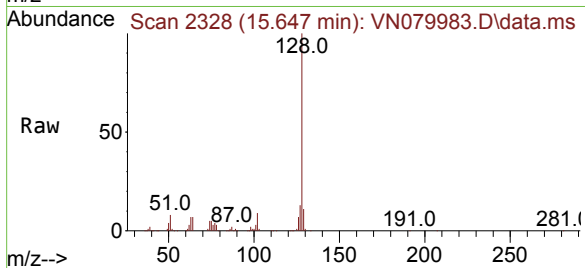
Tgt Ion:128 Resp: 726373

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 55.430 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079983.D

Acq: 07 Nov 2023 22:33

Tgt Ion:180 Resp: 218031

Ion Ratio Lower Upper

180 100

182 95.9 46.2 138.6

145 34.3 17.5 52.6

