

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079159.D
 Acq On : 02 Sep 2023 21:35
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 04 01:12:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	199987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	354839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	316165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	171048	54.965	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.920%	
35) Dibromofluoromethane	8.171	113	145579	60.948	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 121.900%	
50) Toluene-d8	10.571	98	495906	55.914	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.820%	
62) 4-Bromofluorobenzene	12.853	95	184385	63.604	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 127.200%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	107134	38.608	ug/l	96
3) Chloromethane	2.365	50	83394	21.525	ug/l	97
4) Vinyl Chloride	2.518	62	158516	46.653	ug/l	99
5) Bromomethane	2.942	94	64003	32.809	ug/l	100
6) Chloroethane	3.112	64	75672	31.858	ug/l	98
7) Trichlorofluoromethane	3.495	101	227566	54.989	ug/l	100
8) Diethyl Ether	3.965	74	91476	58.306	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.377	101	118094	53.579	ug/l	97
10) Methyl Iodide	4.589	142	164769	66.815	ug/l	96
11) Tert butyl alcohol	5.530	59	139231	266.627	ug/l	100
12) 1,1-Dichloroethene	4.342	96	120108	55.942	ug/l	87
13) Acrolein	4.183	56	69943	248.153	ug/l	99
14) Allyl chloride	5.024	41	196197	45.913	ug/l	92
15) Acrylonitrile	5.724	53	411631	290.977	ug/l	99
16) Acetone	4.430	43	312854	243.647	ug/l	97
17) Carbon Disulfide	4.712	76	281320	46.809	ug/l	100
18) Methyl Acetate	5.030	43	294551	54.301	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	481393	62.244	ug/l	94
20) Methylene Chloride	5.283	84	161655	59.076	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	135604	56.324	ug/l #	83
22) Diisopropyl ether	6.677	45	515329	57.005	ug/l #	87
23) Vinyl Acetate	6.606	43	1511873	253.998	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	290027	58.727	ug/l	99
25) 2-Butanone	7.488	43	532493	258.659	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	180044	45.102	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	173425	59.265	ug/l	90
28) Bromochloromethane	7.818	49	117982	45.036	ug/l #	80
29) Tetrahydrofuran	7.841	42	349756	256.678	ug/l #	78
30) Chloroform	7.971	83	301750	61.159	ug/l	97
31) Cyclohexane	8.259	56	197937	51.058	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	247782	58.899	ug/l	97
36) 1,1-Dichloropropene	8.377	75	204544	56.928	ug/l	95
37) Ethyl Acetate	7.565	43	212379	52.829	ug/l #	94
38) Carbon Tetrachloride	8.365	117	212347	58.983	ug/l	96
39) Methylcyclohexane	9.606	83	179467	54.310	ug/l #	88
40) Benzene	8.612	78	651475	61.343	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	124241	56.744	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	228162	57.505	ug/l	99
43) Isopropyl Acetate	8.694	43	390071	54.897	ug/l #	89
44) Trichloroethene	9.353	130	151363	59.982	ug/l	97
45) 1,2-Dichloropropane	9.624	63	176591	62.453	ug/l	97
46) Dibromomethane	9.712	93	115194	59.396	ug/l	93
47) Bromodichloromethane	9.894	83	244963	63.965	ug/l	97
48) Methyl methacrylate	9.682	41	170341	52.903	ug/l	81
49) 1,4-Dioxane	9.700	88	64971	1184.655	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1139036	270.279	ug/l	93
52) Toluene	10.635	92	402506	61.730	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	247263	60.206	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	263117	58.825	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	170800	65.330	ug/l	97
56) Ethyl methacrylate	10.877	69	263553	65.030	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	293886	62.846	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	475384	244.360	ug/l	90
59) 2-Hexanone	11.200	43	810178	265.422	ug/l	92
60) Dibromochloromethane	11.365	129	182475	66.325	ug/l	99
61) 1,2-Dibromoethane	11.476	107	166002	62.481	ug/l	99
64) Tetrachloroethene	11.106	164	120648	60.849	ug/l	99
65) Chlorobenzene	11.894	112	412439	61.283	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	167028	65.672	ug/l	97
67) Ethyl Benzene	11.971	91	758320	61.961	ug/l	96
68) m/p-Xylenes	12.076	106	560801	122.558	ug/l	94
69) o-Xylene	12.400	106	277697	62.387	ug/l	93
70) Styrene	12.418	104	474884	63.982	ug/l	99
71) Bromoform	12.582	173	127188	68.786	ug/l #	99
73) Isopropylbenzene	12.700	105	706621	58.861	ug/l	100
74) N-amyl acetate	12.500	43	301584	49.769	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	253834	58.559	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	304154	87.675	ug/l	68
77) Bromobenzene	12.982	156	169778	58.836	ug/l	95
78) n-propylbenzene	13.041	91	822965	59.117	ug/l	99
79) 2-Chlorotoluene	13.129	91	509670	59.021	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	587128	61.716	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	72123	53.110	ug/l #	82
82) 4-Chlorotoluene	13.223	91	492589	58.298	ug/l	99
83) tert-Butylbenzene	13.441	119	518473	64.864	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	590315	62.666	ug/l	100
85) sec-Butylbenzene	13.618	105	691000	62.816	ug/l	99
86) p-Isopropyltoluene	13.735	119	562360	63.986	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	295833	59.578	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	287225	57.793	ug/l	99
89) n-Butylbenzene	14.059	91	444302	61.429	ug/l	100
90) Hexachloroethane	14.335	117	111420	63.244	ug/l	82
91) 1,2-Dichlorobenzene	14.112	146	295977	59.939	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43780	62.127	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	84731	48.403	ug/l	98
94) Hexachlorobutadiene	15.512	225	55357	63.720	ug/l	98
95) Naphthalene	15.647	128	245403	37.658	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	123288	64.304	ug/l	98

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ClientSampleId :
VSTDCCC050EC

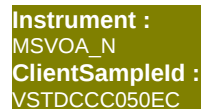
Quant Time: Sep 04 01:12:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

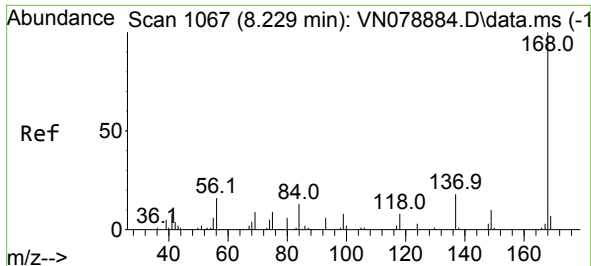
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

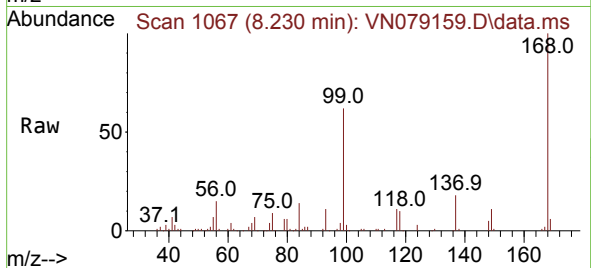
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VSTDCCC050EC



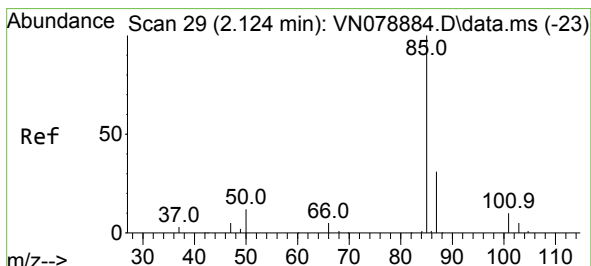
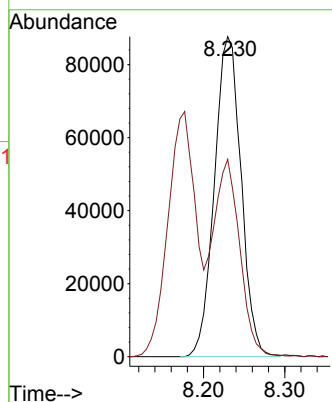
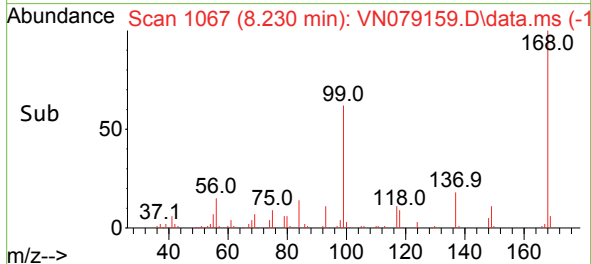


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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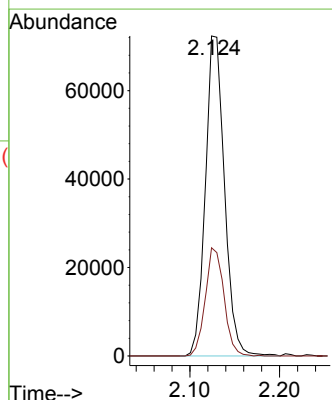
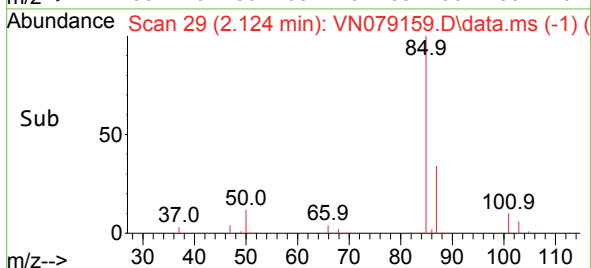
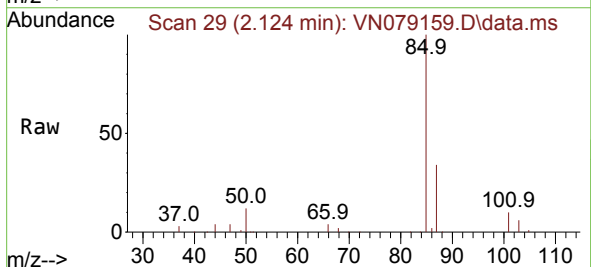


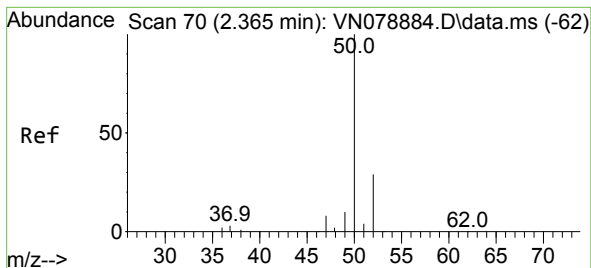
Tgt Ion:168 Resp: 199987
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 38.608 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 85 Resp: 107134
Ion Ratio Lower Upper
85 100
87 33.8 15.8 47.4





#3

Chloromethane

Concen: 21.525 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

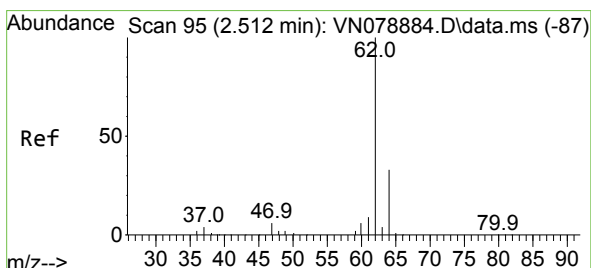
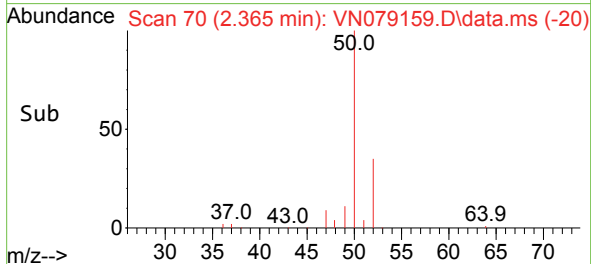
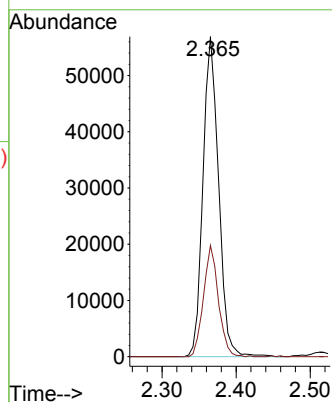
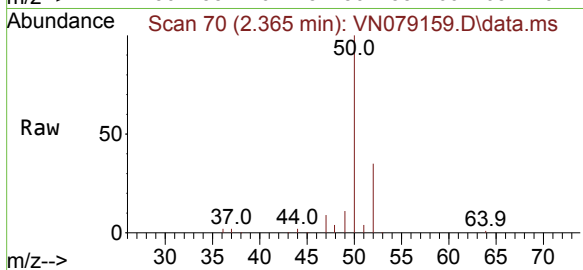
VSTDCCC050EC

Tgt Ion: 50 Resp: 83394

Ion Ratio Lower Upper

50 100

52 34.7 26.5 39.7



#4

Vinyl Chloride

Concen: 46.653 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN079159.D

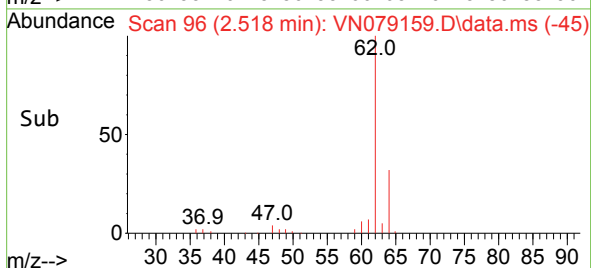
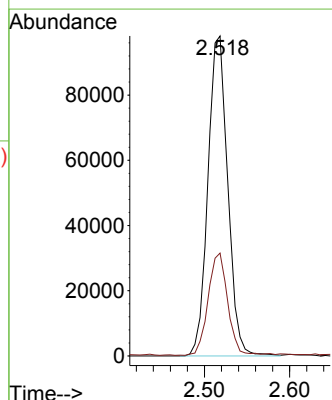
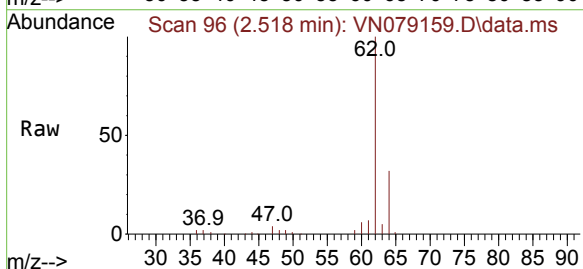
Acq: 02 Sep 2023 21:35

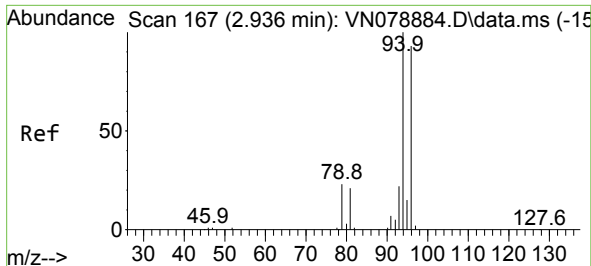
Tgt Ion: 62 Resp: 158516

Ion Ratio Lower Upper

62 100

64 31.9 26.2 39.2

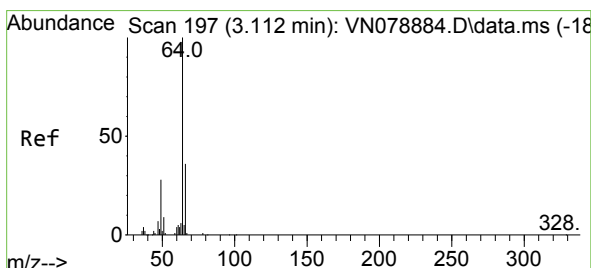
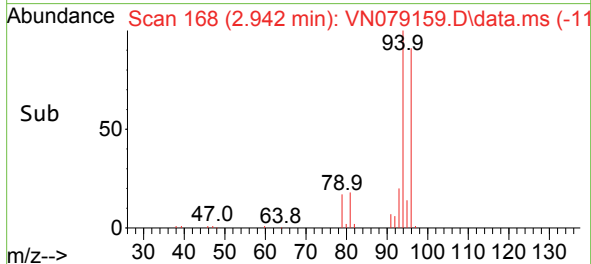
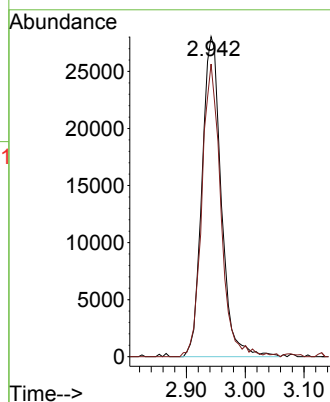
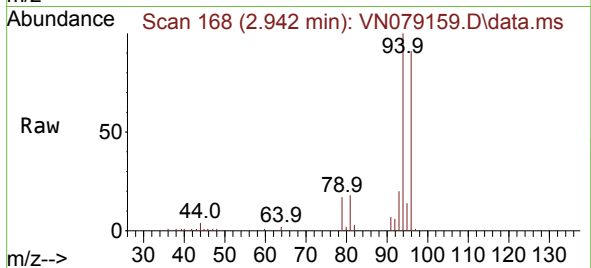




#5
Bromomethane
Concen: 32.809 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

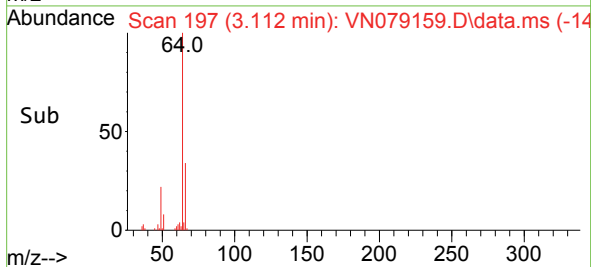
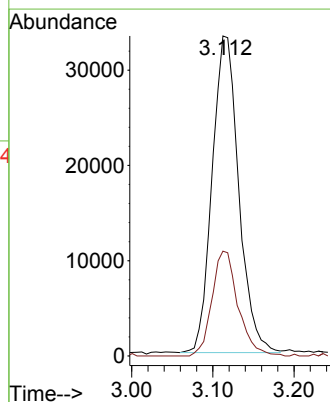
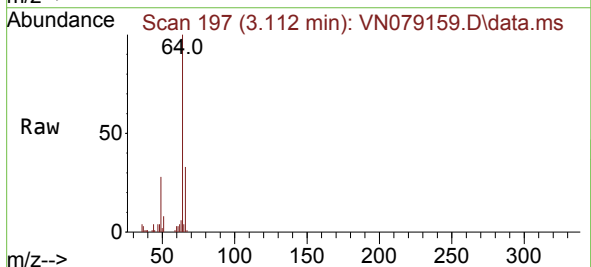
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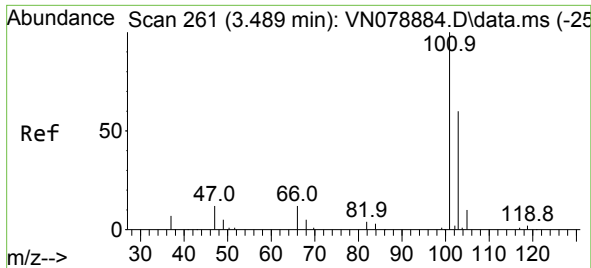
Tgt Ion: 94 Resp: 64003
Ion Ratio Lower Upper
94 100
96 91.5 73.1 109.7



#6
Chloroethane
Concen: 31.858 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 64 Resp: 75672
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.2

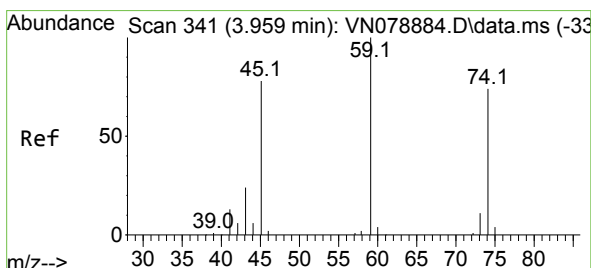
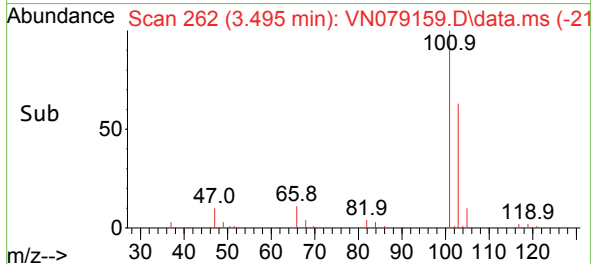
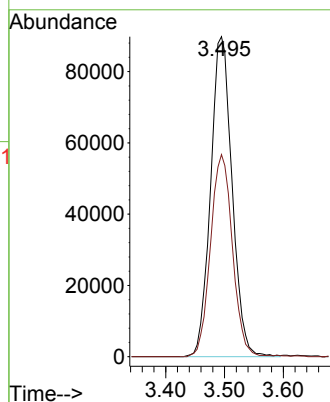
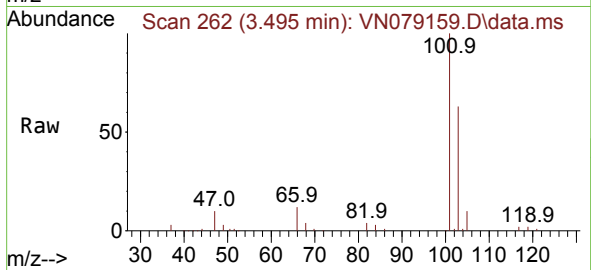




#7
Trichlorofluoromethane
Concen: 54.989 ug/l
RT: 3.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

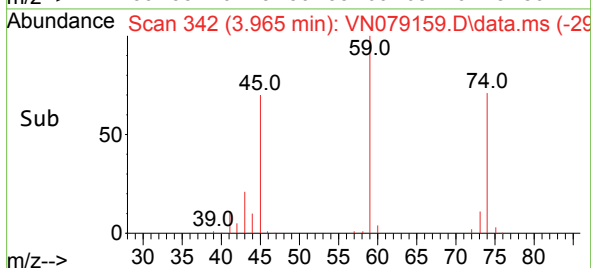
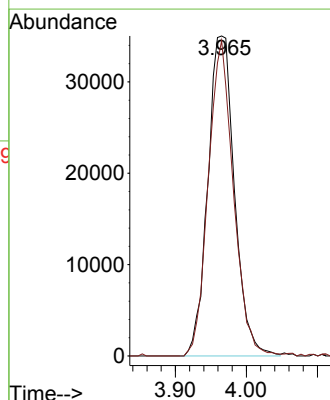
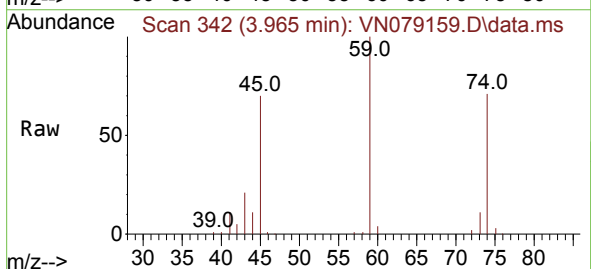
Instrument :
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VSTDCCC050EC

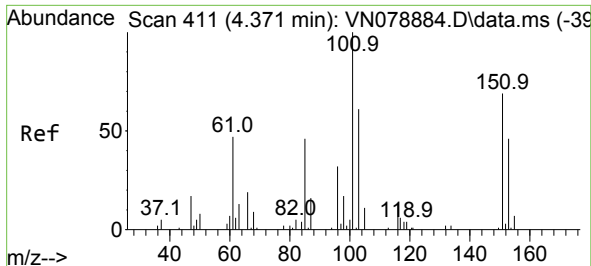
Tgt Ion:101 Resp: 227566
Ion Ratio Lower Upper
101 100
103 63.2 50.7 76.1



#8
Diethyl Ether
Concen: 58.306 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 74 Resp: 91476
Ion Ratio Lower Upper
74 100
45 92.8 34.4 103.3

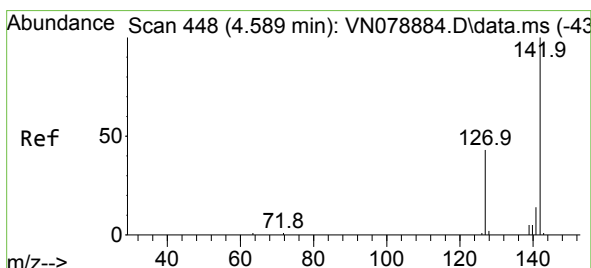
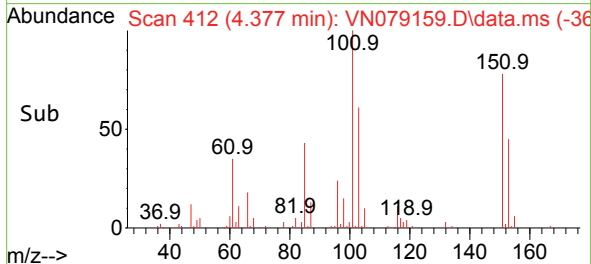
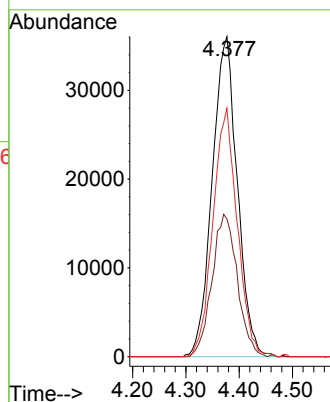
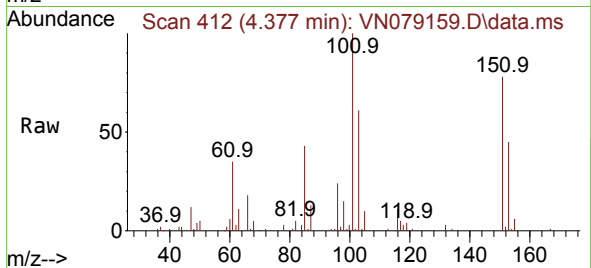




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.579 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

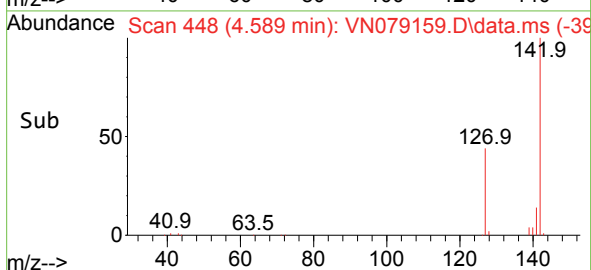
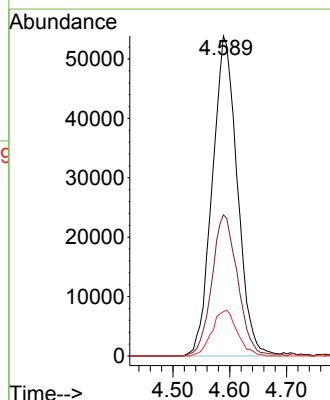
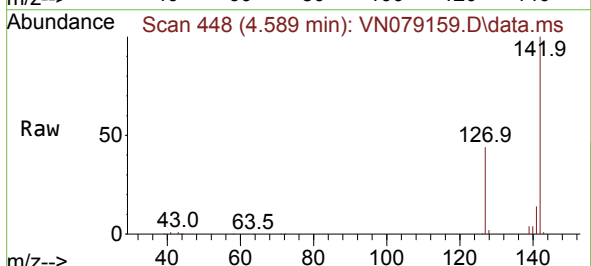
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

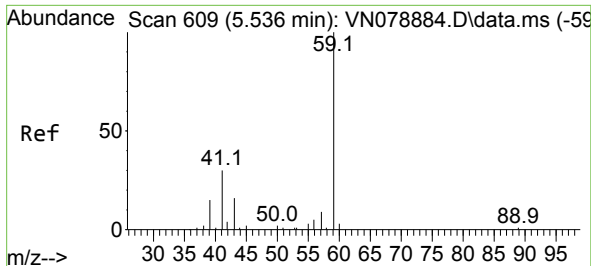
Tgt Ion:101 Resp: 118094
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 75.3 57.6 86.4



#10
Methyl Iodide
Concen: 66.815 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion:142 Resp: 164769
Ion Ratio Lower Upper
142 100
127 44.1 37.6 56.4
141 13.9 11.4 17.0

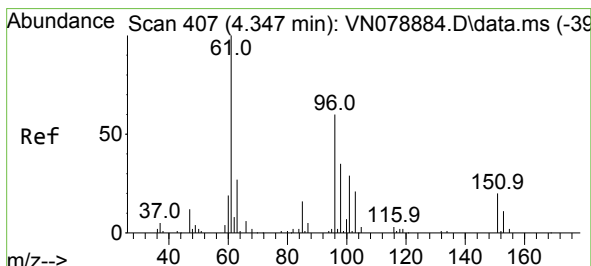
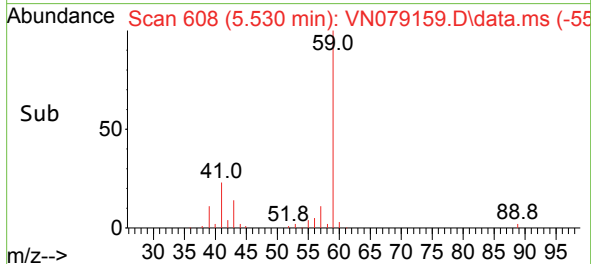
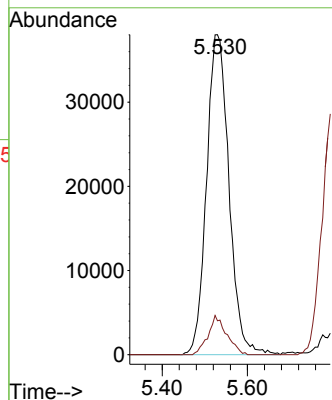
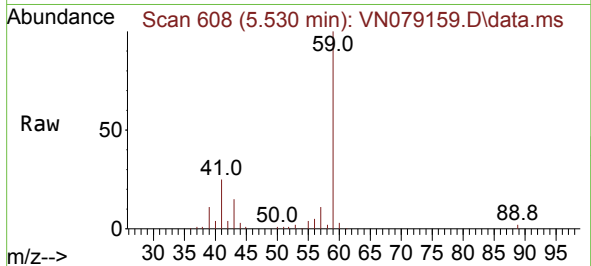




#11
Tert butyl alcohol
Concen: 266.627 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

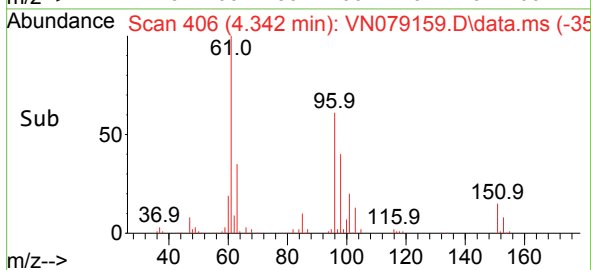
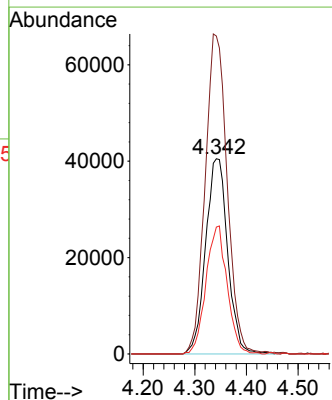
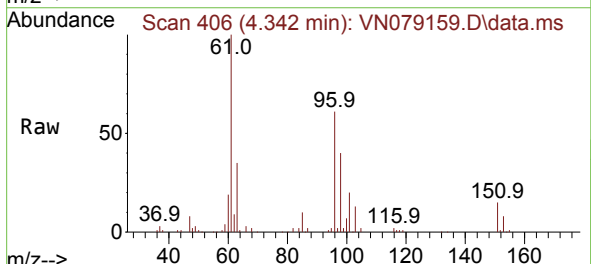
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

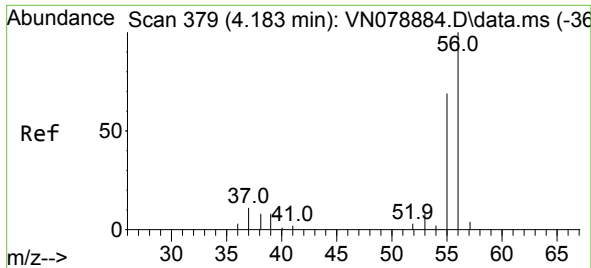
Tgt Ion: 59 Resp: 139231
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 55.942 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 96 Resp: 120108
Ion Ratio Lower Upper
96 100
61 162.9 112.7 169.1
98 65.0 51.2 76.8

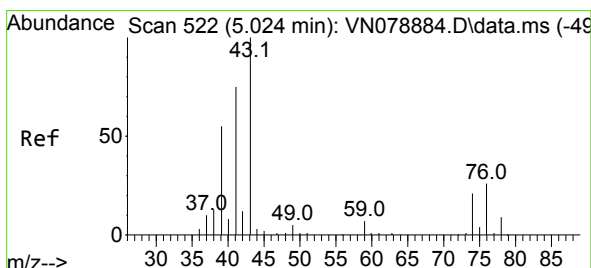
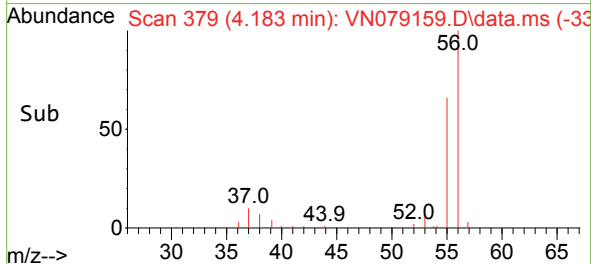
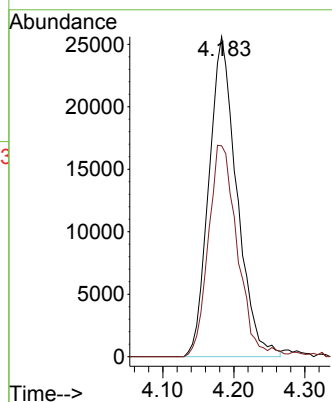
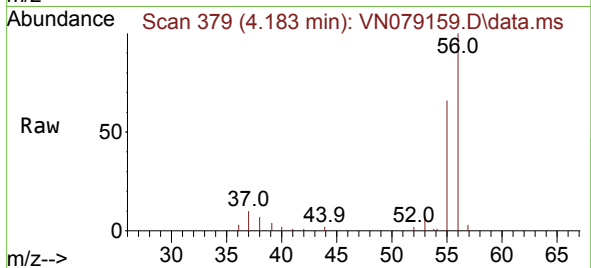




#13
Acrolein
Concen: 248.153 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.012 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

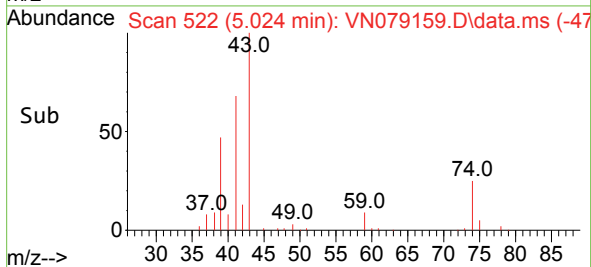
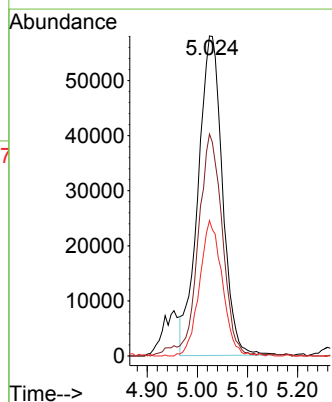
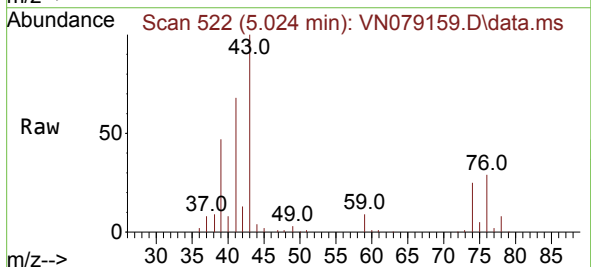
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

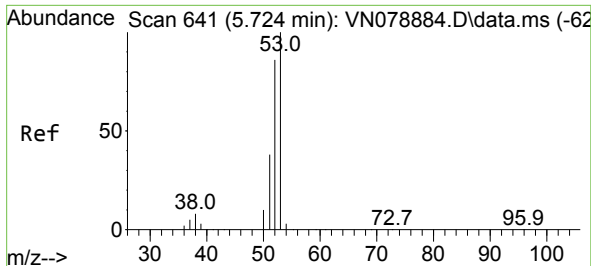
Tgt Ion: 56 Resp: 69943
Ion Ratio Lower Upper
56 100
55 68.7 54.5 81.7



#14
Allyl chloride
Concen: 45.913 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 41 Resp: 196197
Ion Ratio Lower Upper
41 100
39 69.6 58.8 88.2
76 39.4 39.1 58.7

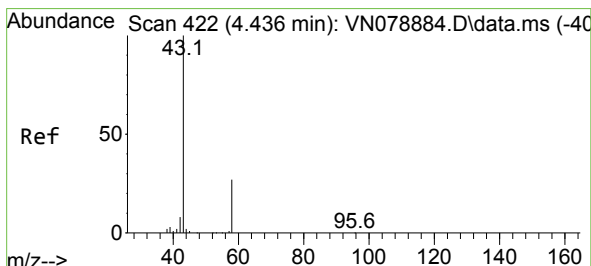
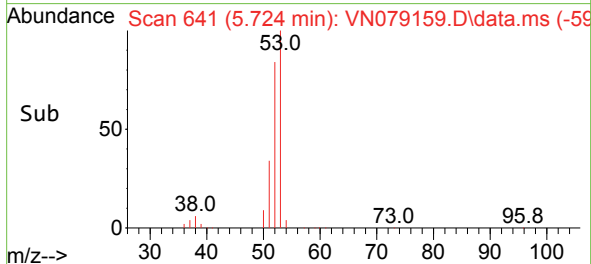
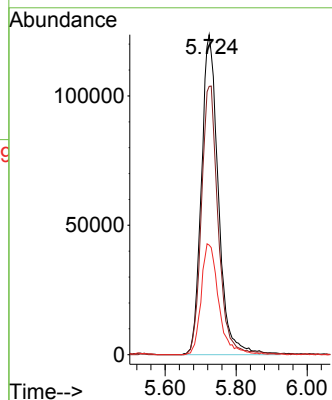
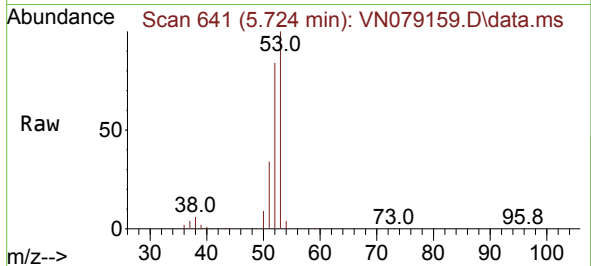




#15
Acrylonitrile
Concen: 290.977 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

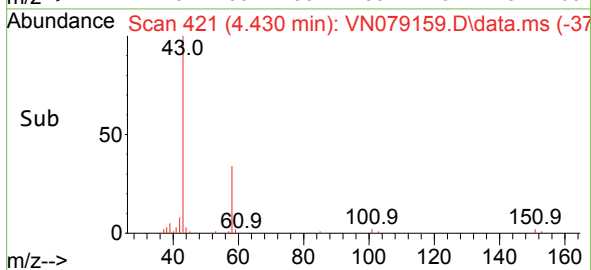
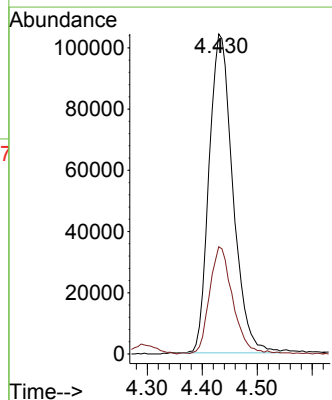
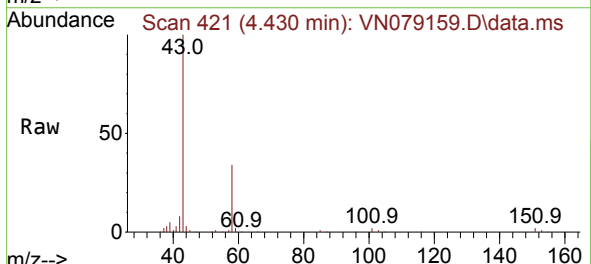
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

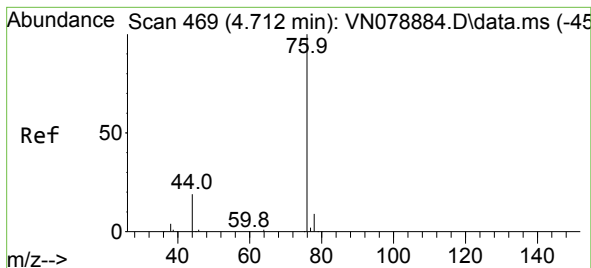
Tgt Ion: 53	Resp: 411631
Ion Ratio	Lower Upper
53 100	
52 82.8	65.3 97.9
51 35.8	28.9 43.3



#16
Acetone
Concen: 243.647 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 43	Resp: 312854
Ion Ratio	Lower Upper
43 100	
58 33.4	28.0 42.0





#17

Carbon Disulfide

Concen: 46.809 ug/l

RT: 4.712 min Scan# 4

Delta R.T. -0.012 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

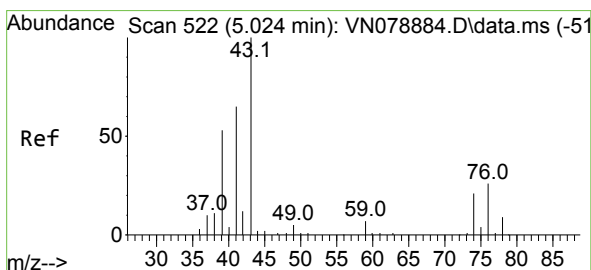
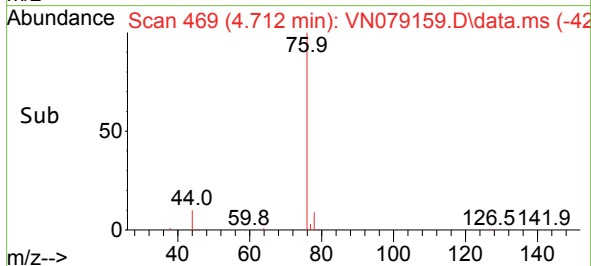
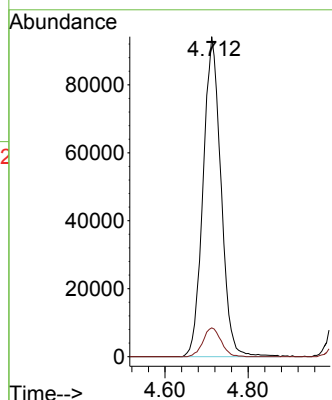
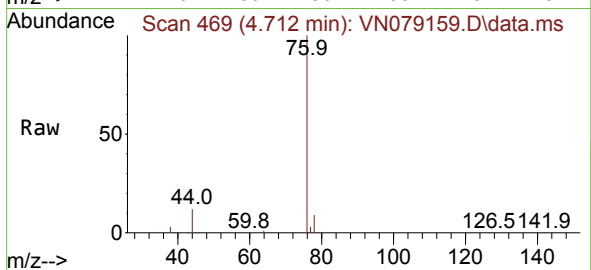
VSTDCCC050EC

Tgt Ion: 76 Resp: 281320

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



#18

Methyl Acetate

Concen: 54.301 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.012 min

Lab File: VN079159.D

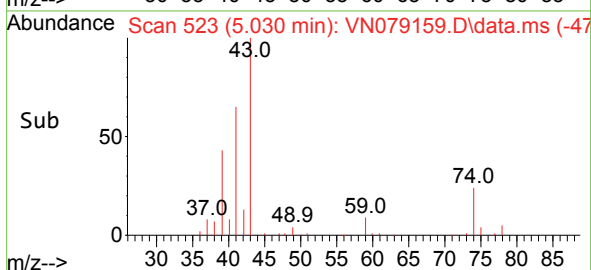
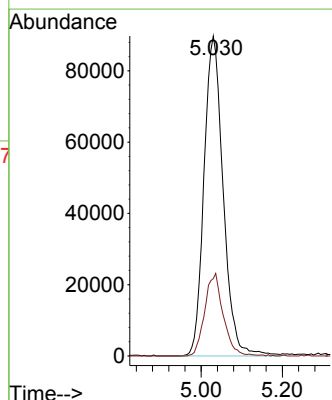
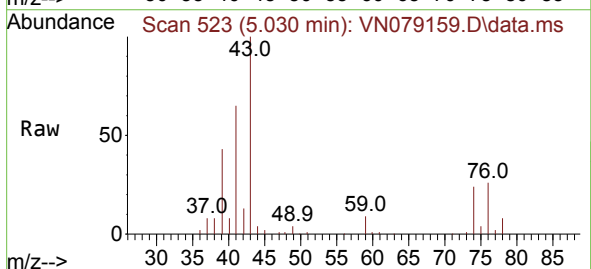
Acq: 02 Sep 2023 21:35

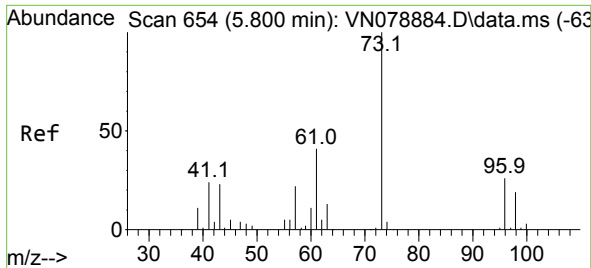
Tgt Ion: 43 Resp: 294551

Ion Ratio Lower Upper

43 100

74 24.9 26.2 39.4#

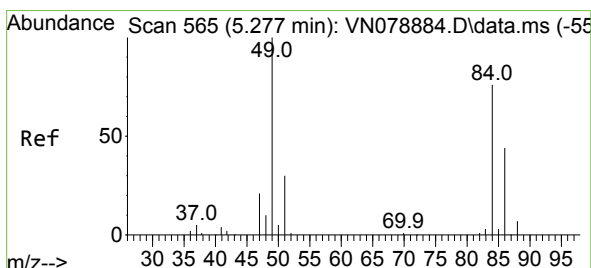
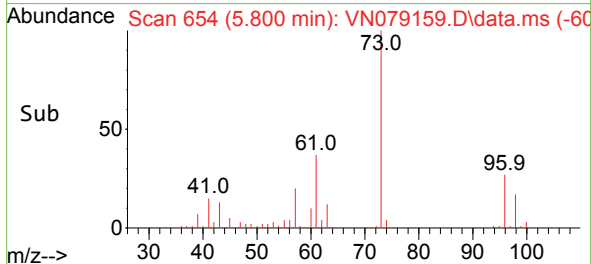
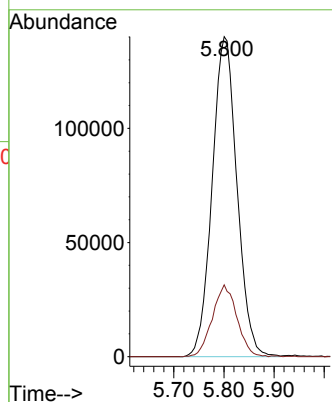
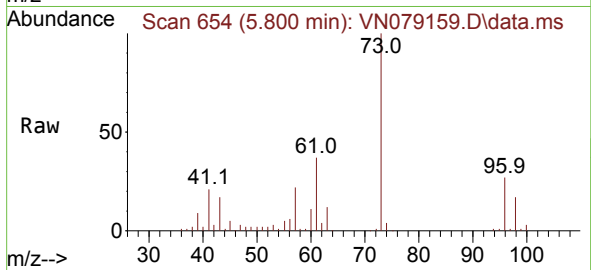




#19
Methyl tert-butyl Ether
Concen: 62.244 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

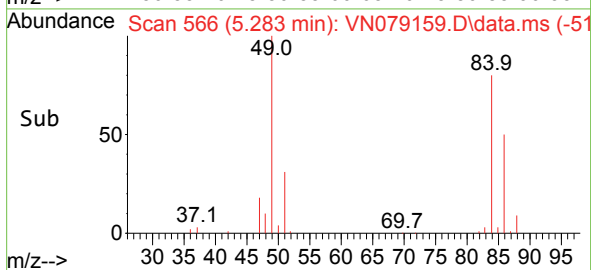
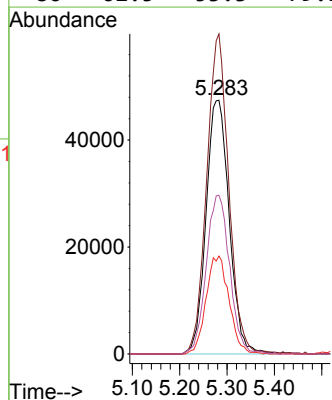
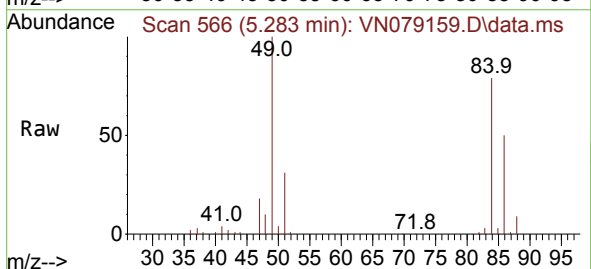
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

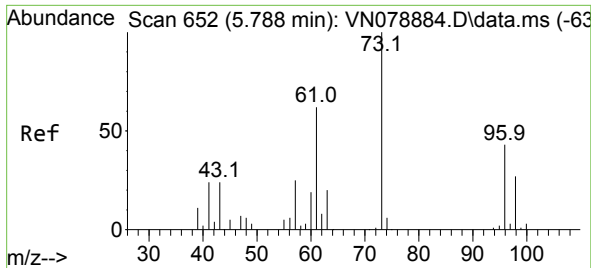
Tgt Ion: 73 Resp: 481393
Ion Ratio Lower Upper
73 100
57 22.4 15.6 23.4



#20
Methylene Chloride
Concen: 59.076 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 84 Resp: 161655
Ion Ratio Lower Upper
84 100
49 126.1 79.7 119.5#
51 38.6 25.2 37.8#
86 62.5 53.3 79.9

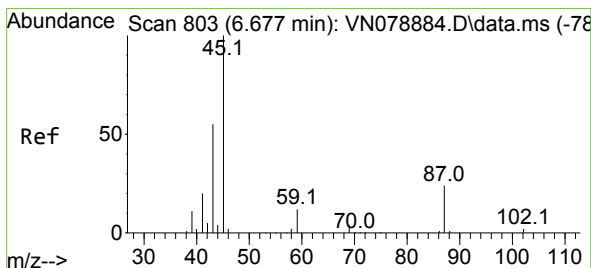
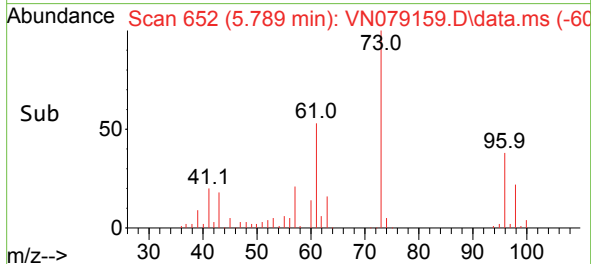
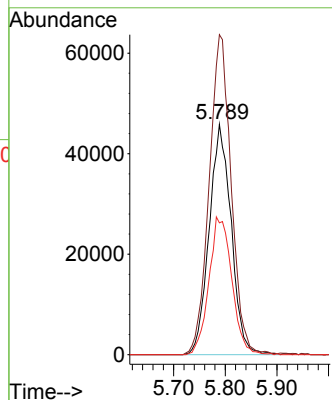
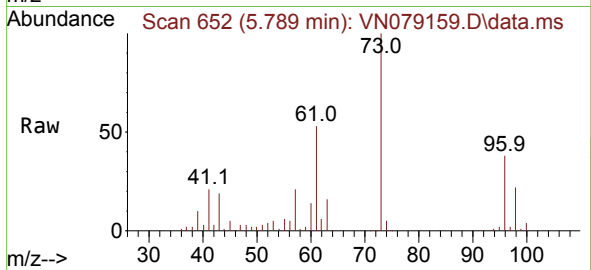




#21
trans-1,2-Dichloroethene
Concen: 56.324 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

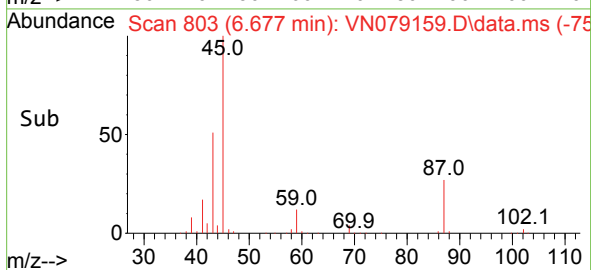
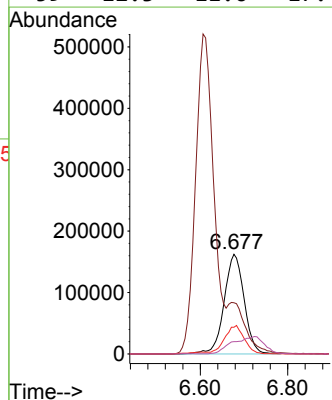
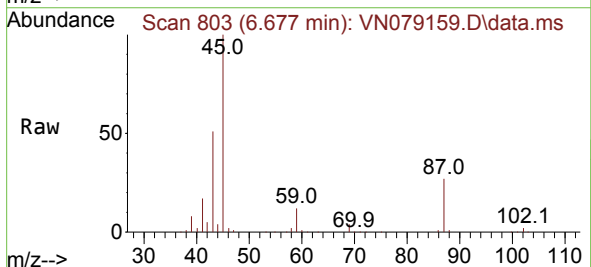
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

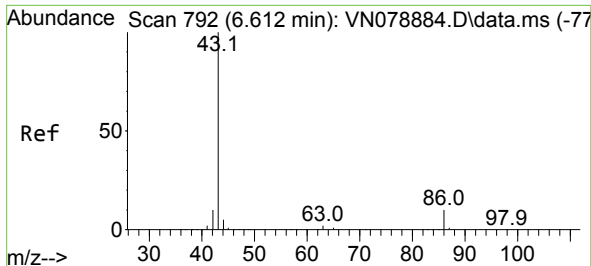
Tgt Ion: 96 Resp: 135604
Ion Ratio Lower Upper
96 100
61 138.9 90.1 135.1#
98 57.2 46.4 69.6



#22
Diisopropyl ether
Concen: 57.005 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 45 Resp: 515329
Ion Ratio Lower Upper
45 100
43 50.1 45.5 68.3
87 26.6 31.8 47.8#
59 12.3 11.6 17.4

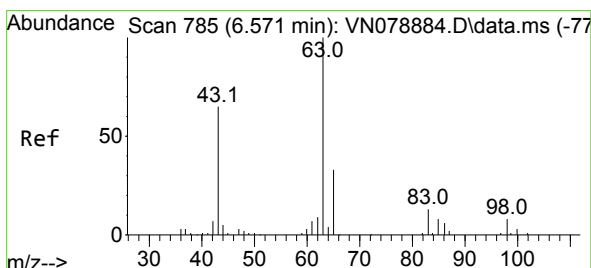
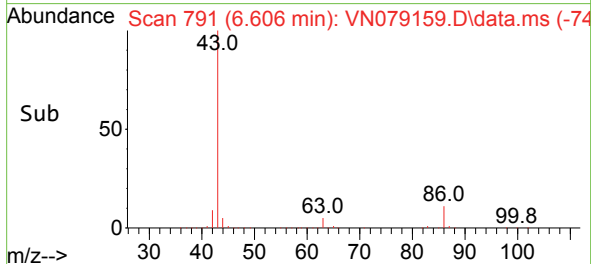
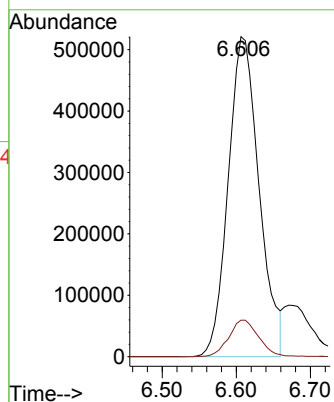
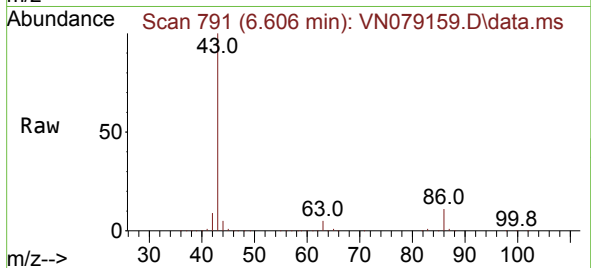




#23
 Vinyl Acetate
 Concen: 253.998 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079159.D
 Acq: 02 Sep 2023 21:35

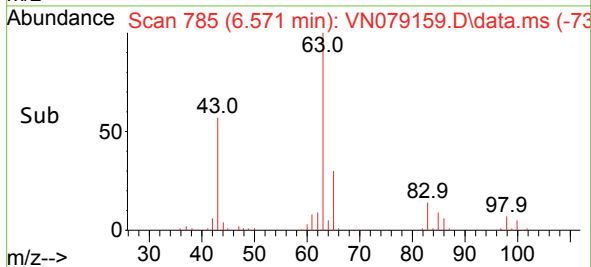
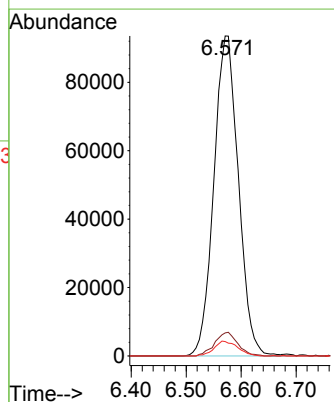
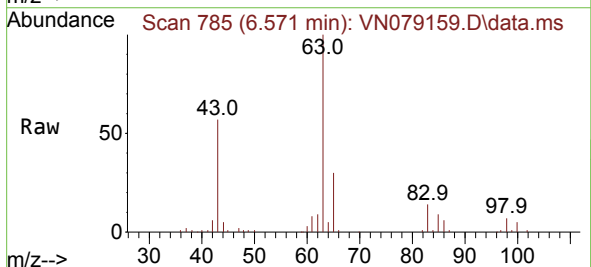
Instrument :
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 VSTDCCC050EC

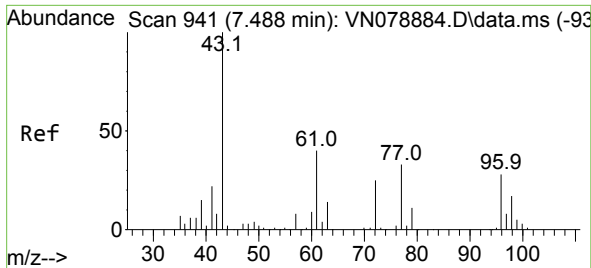
Tgt Ion: 43 Resp: 1511873
 Ion Ratio Lower Upper
 43 100
 86 11.4 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 58.727 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079159.D
 Acq: 02 Sep 2023 21:35

Tgt Ion: 63 Resp: 290027
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.5 2.5 7.4

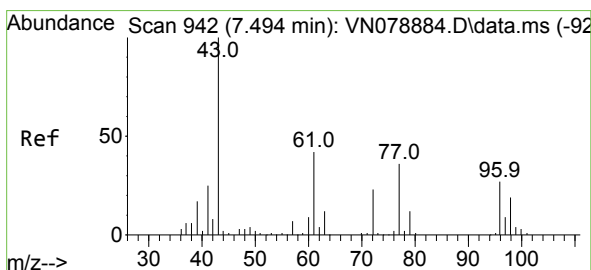
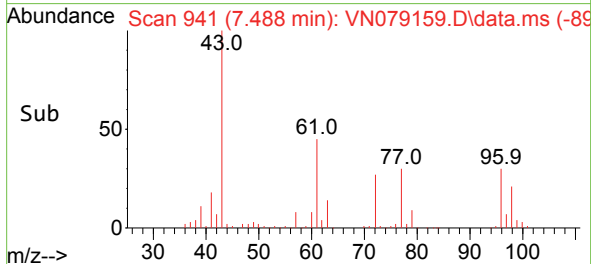
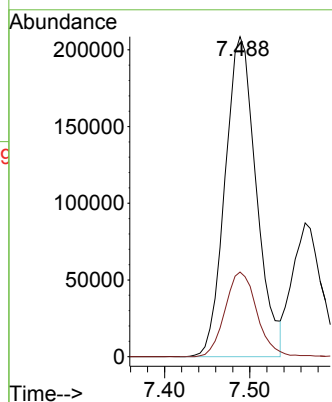
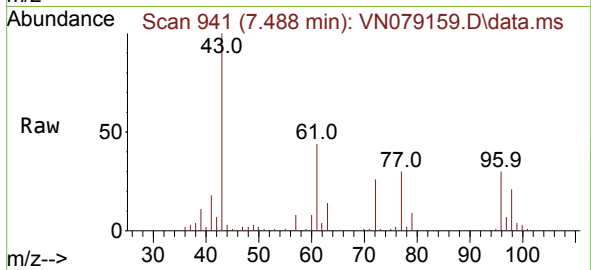




#25
2-Butanone
Concen: 258.659 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

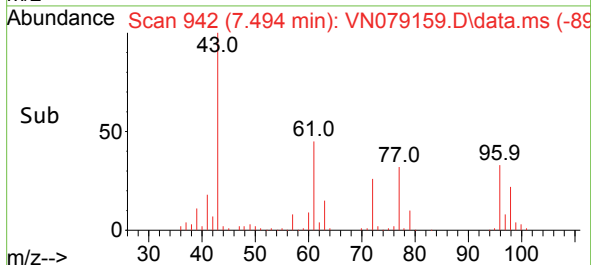
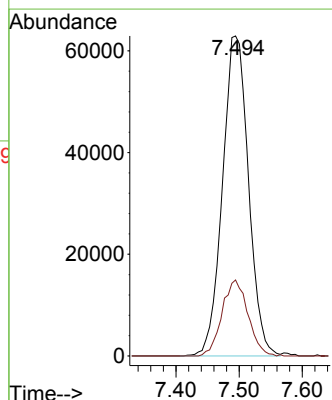
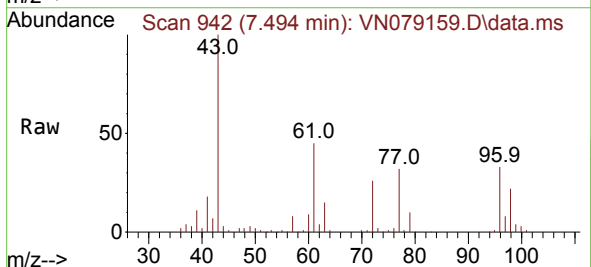
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 532493
Ion Ratio Lower Upper
43 100
72 26.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 45.102 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 77 Resp: 180044
Ion Ratio Lower Upper
77 100
97 23.7 11.2 33.6

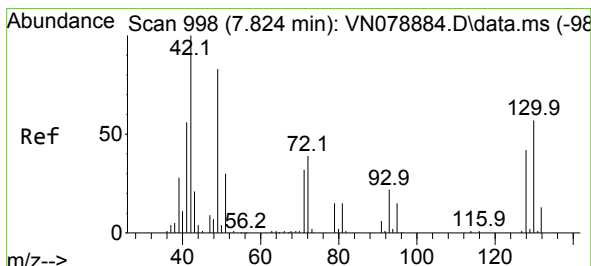
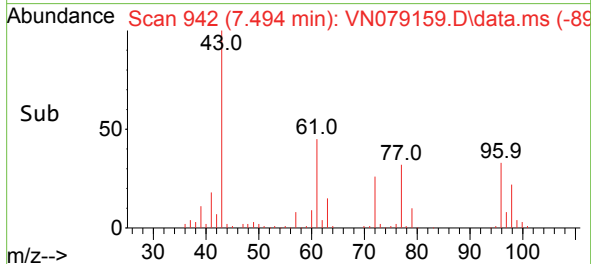
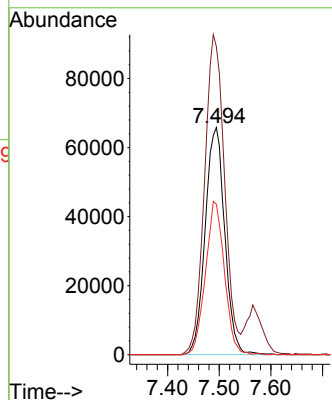
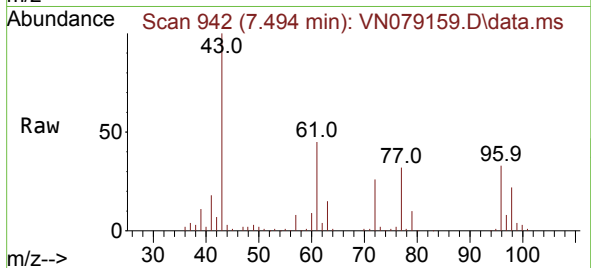




#27
 cis-1,2-Dichloroethene
 Concen: 59.265 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079159.D
 Acq: 02 Sep 2023 21:35

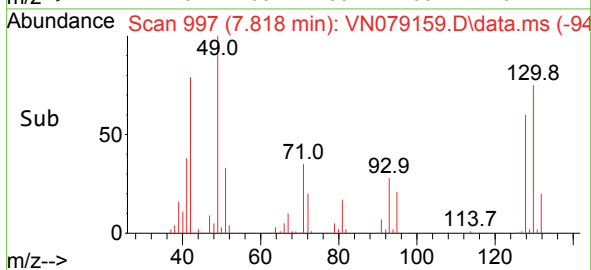
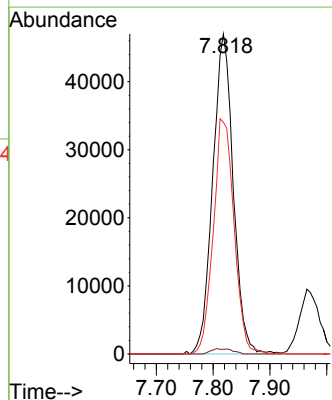
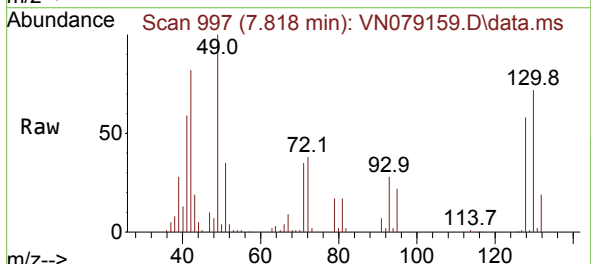
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

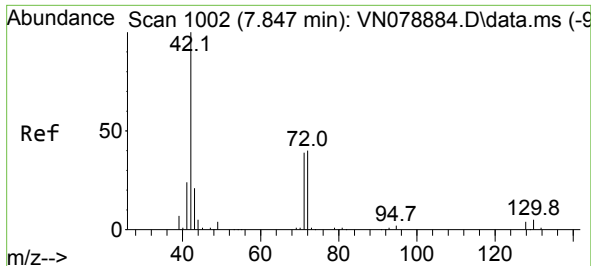
Tgt Ion: 96 Resp: 173425
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 255.2
 98 65.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 45.036 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079159.D
 Acq: 02 Sep 2023 21:35

Tgt Ion: 49 Resp: 117982
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 74.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 256.678 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

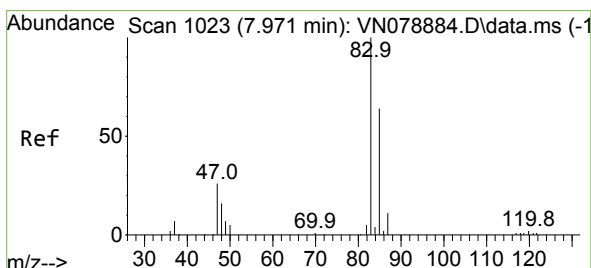
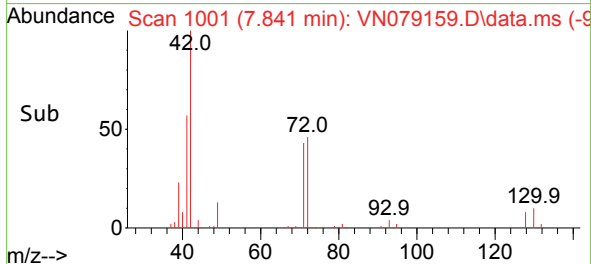
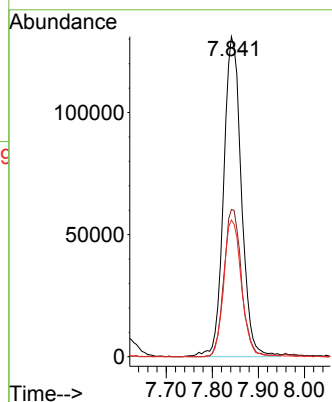
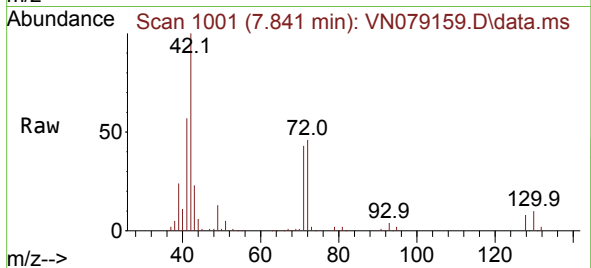
Tgt Ion: 42 Resp: 349756

Ion Ratio Lower Upper

42 100

72 45.8 49.8 74.6#

71 43.0 47.4 71.2#



#30

Chloroform

Concen: 61.159 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079159.D

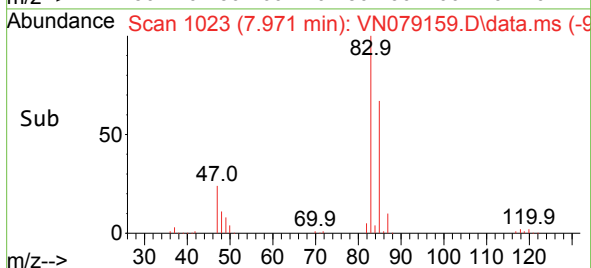
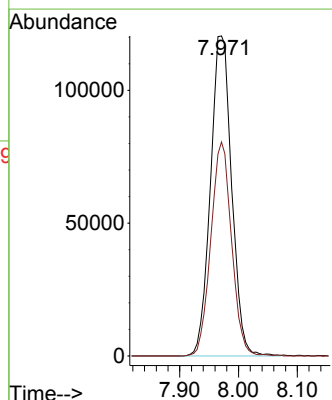
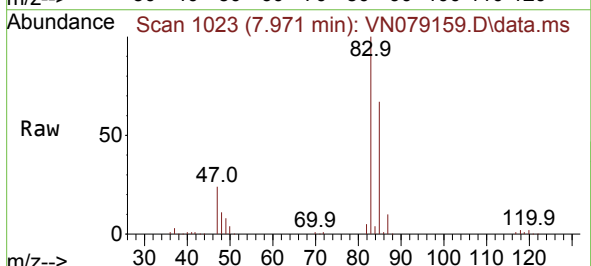
Acq: 02 Sep 2023 21:35

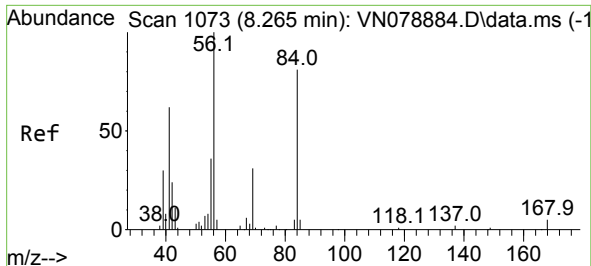
Tgt Ion: 83 Resp: 301750

Ion Ratio Lower Upper

83 100

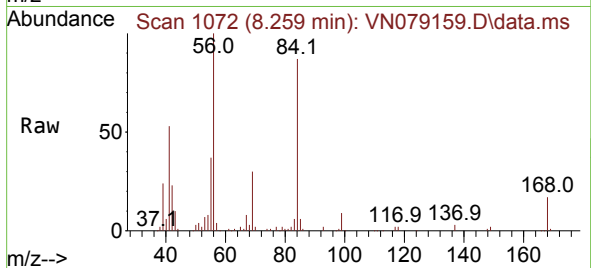
85 66.9 55.4 83.0



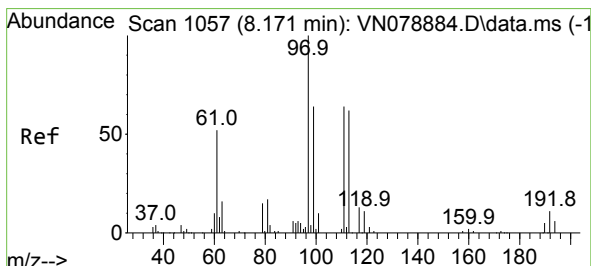
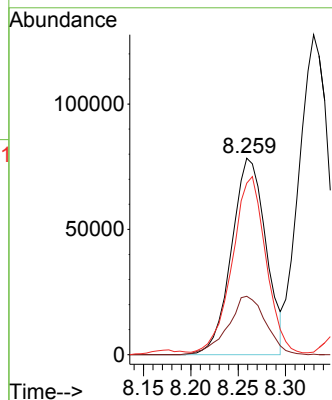
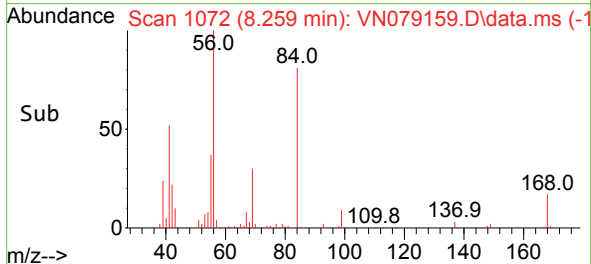


#31
Cyclohexane
Concen: 51.058 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

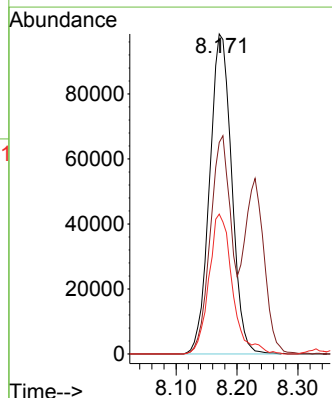
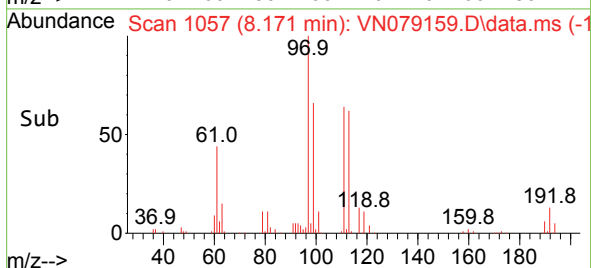
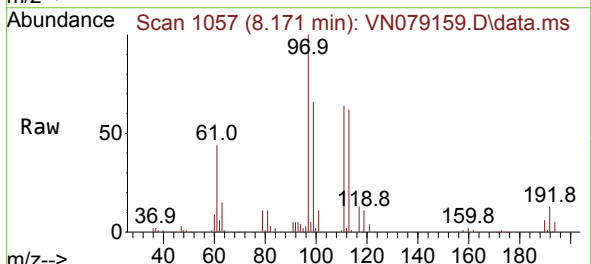


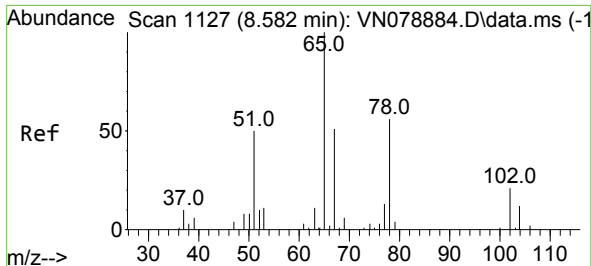
Tgt Ion: 56 Resp: 197937
Ion Ratio Lower Upper
56 100
69 29.7 26.8 40.2
84 85.5 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 58.899 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 97 Resp: 247782
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 46.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.965 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

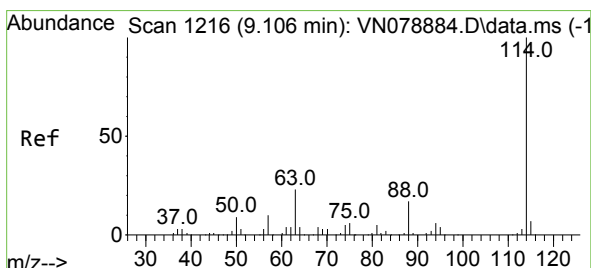
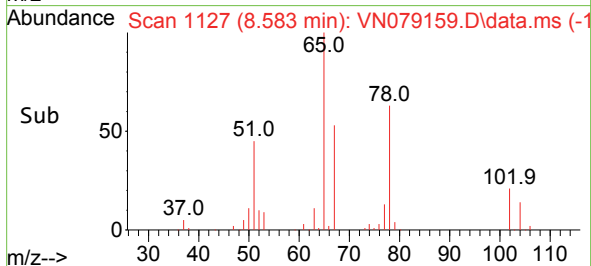
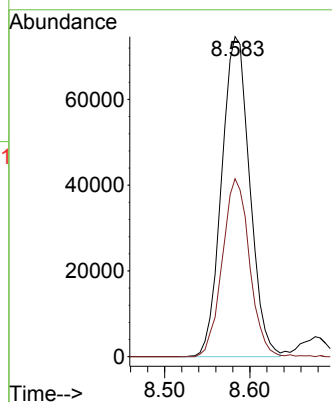
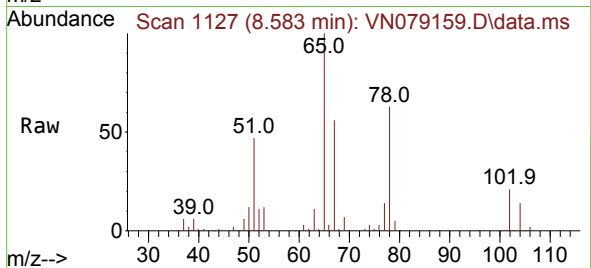
VSTDCCC050EC

Tgt Ion: 65 Resp: 171048

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

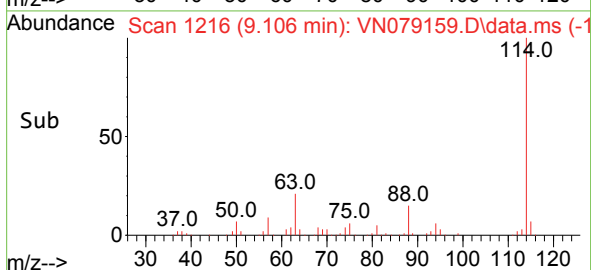
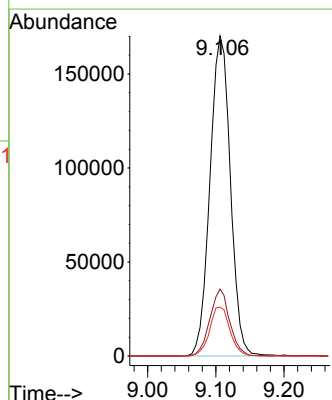
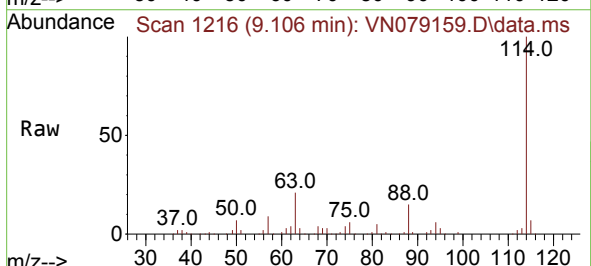
Tgt Ion: 114 Resp: 354839

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 60.948 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

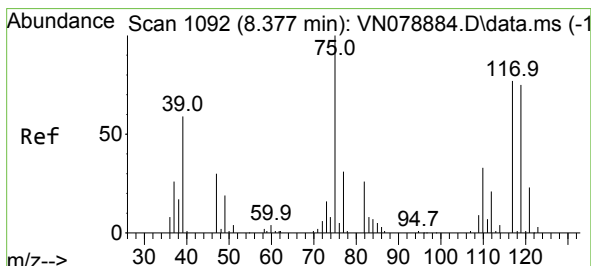
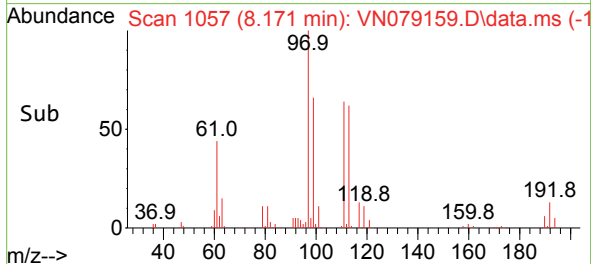
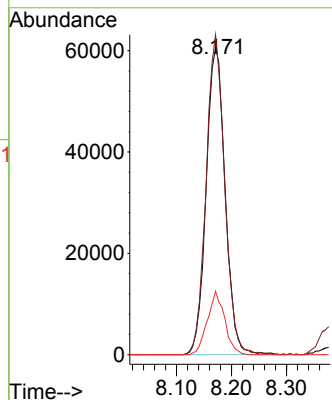
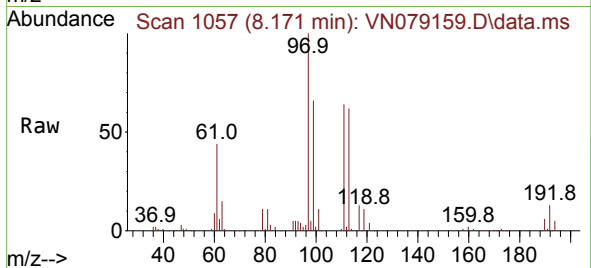
Tgt Ion:113 Resp: 145579

Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

192 18.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 56.928 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

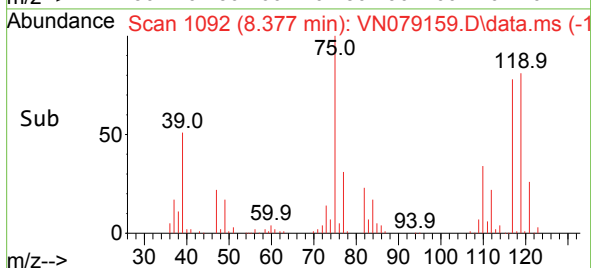
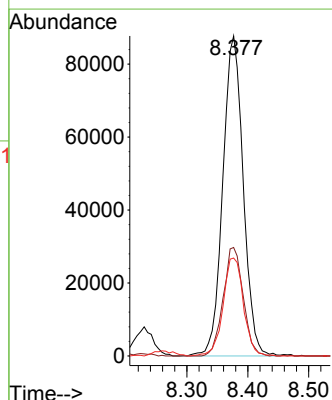
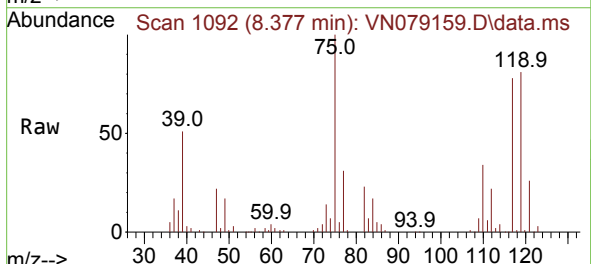
Tgt Ion: 75 Resp: 204544

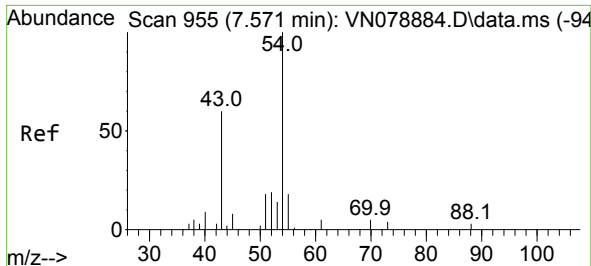
Ion Ratio Lower Upper

75 100

110 33.2 19.1 57.3

77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 52.829 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

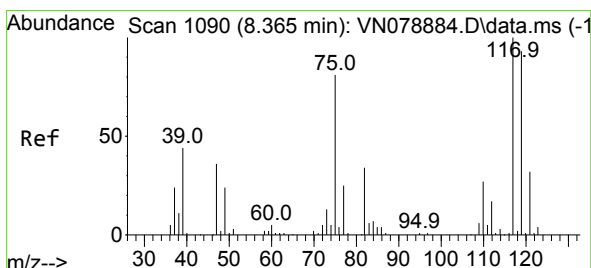
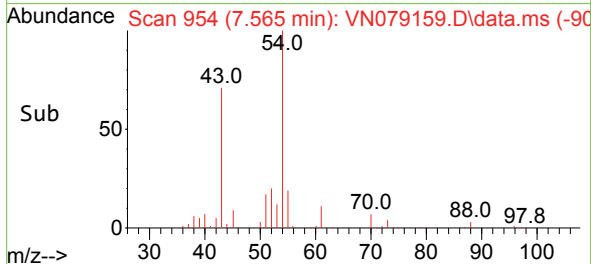
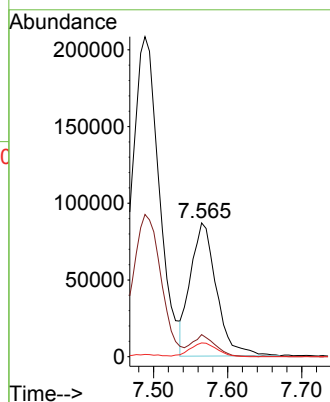
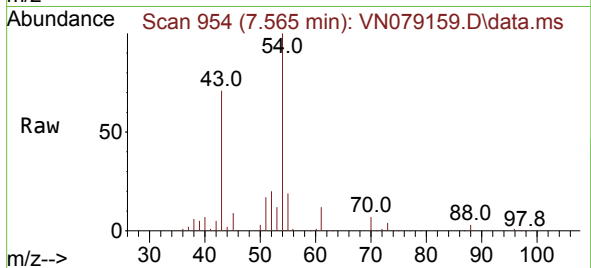
Tgt Ion: 43 Resp: 212379

Ion Ratio Lower Upper

43 100

61 14.5 13.2 19.8

70 10.7 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 58.983 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

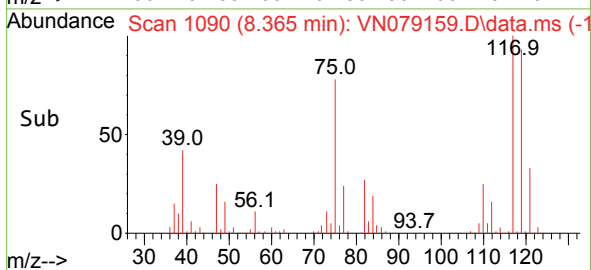
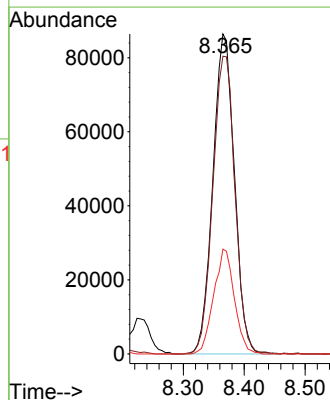
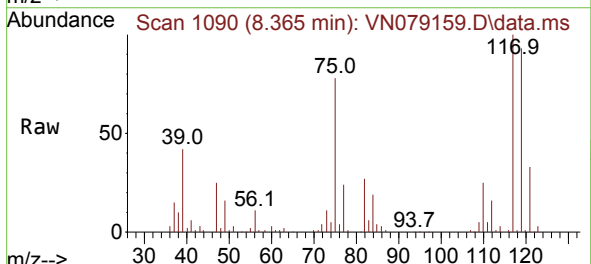
Tgt Ion: 117 Resp: 212347

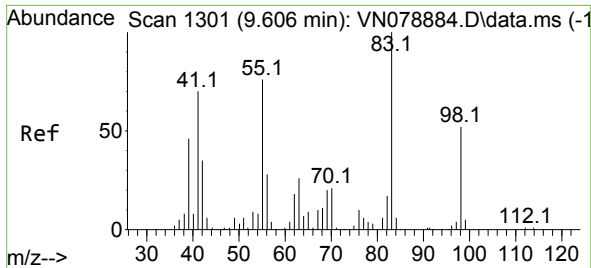
Ion Ratio Lower Upper

117 100

119 93.1 77.3 115.9

121 32.8 23.3 34.9

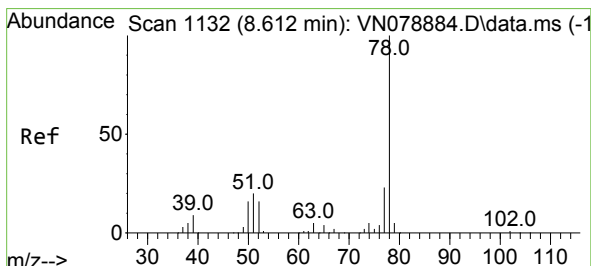
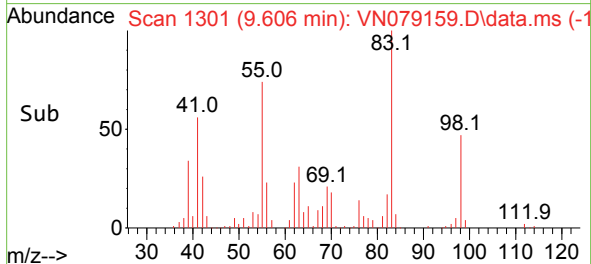
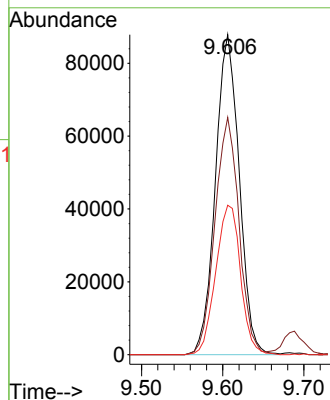
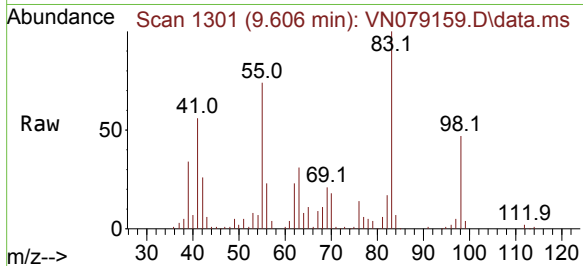




#39
Methylcyclohexane
Concen: 54.310 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

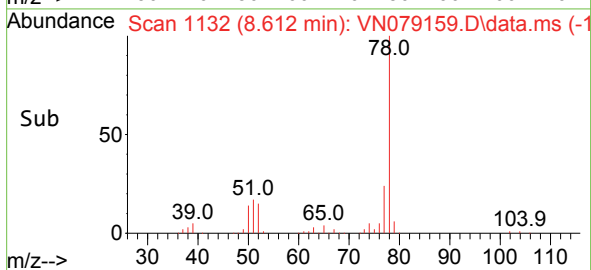
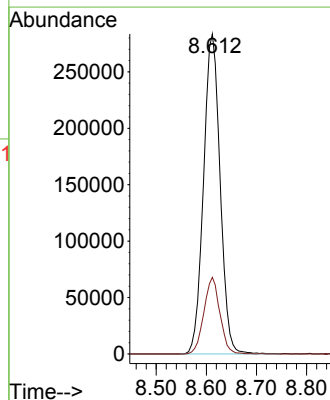
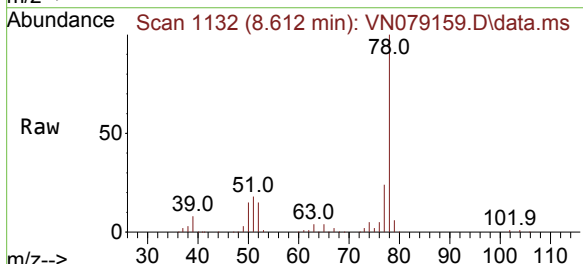
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 179467
Ion Ratio Lower Upper
83 100
55 74.1 49.1 73.7#
98 46.7 40.6 61.0



#40
Benzene
Concen: 61.343 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 78 Resp: 651475
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

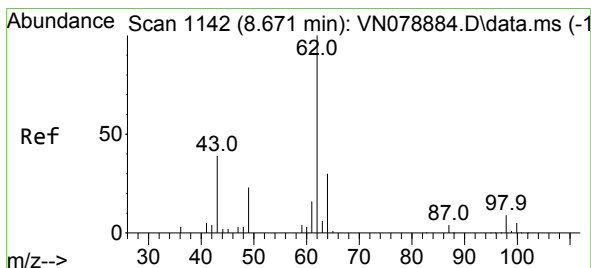
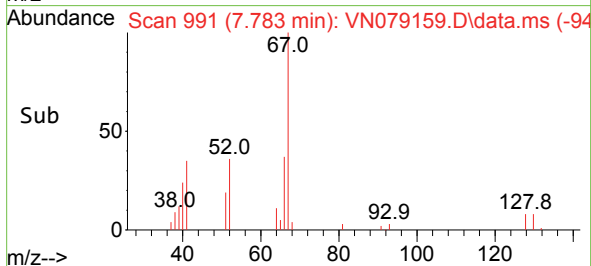
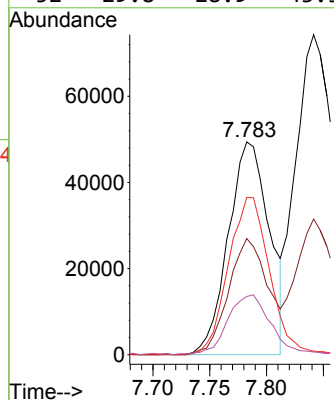
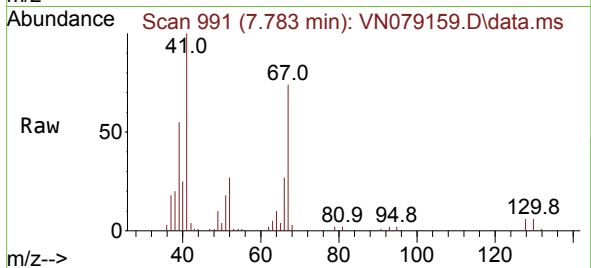




#41
Methacrylonitrile
Concen: 56.744 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

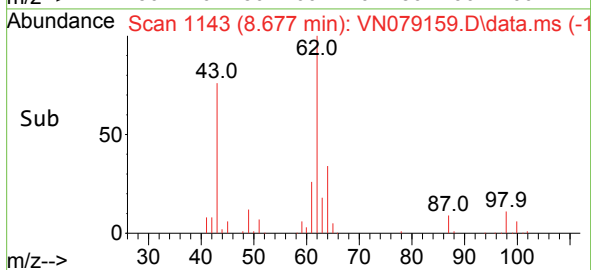
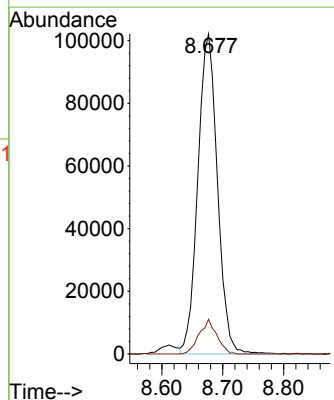
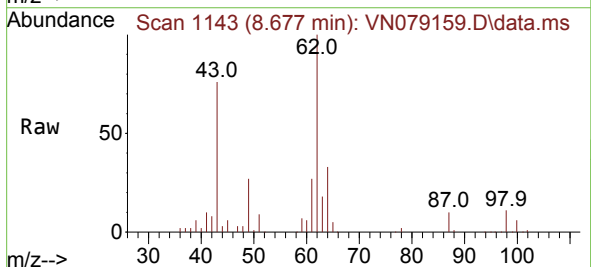
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

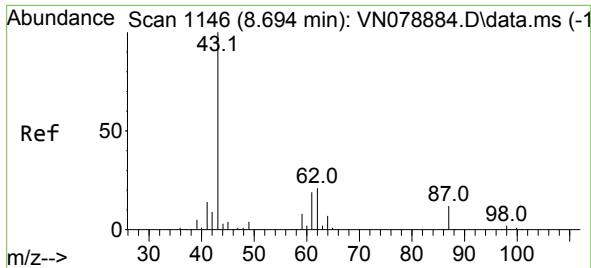
Tgt Ion:	41	Resp:	124241
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.6	64.0
67	74.3	77.5	116.3
52	29.8	28.9	43.3



#42
1,2-Dichloroethane
Concen: 57.505 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion:	62	Resp:	228162
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8

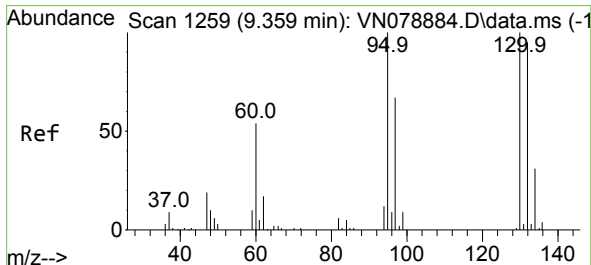
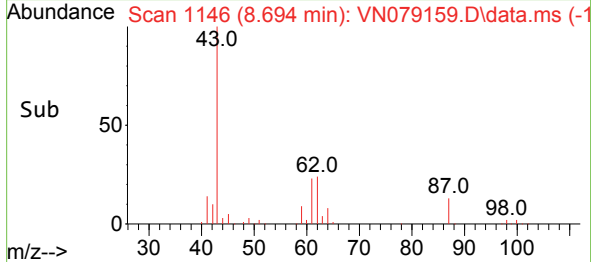
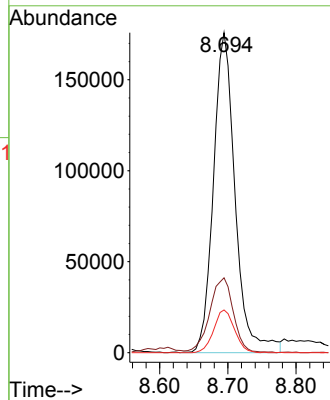
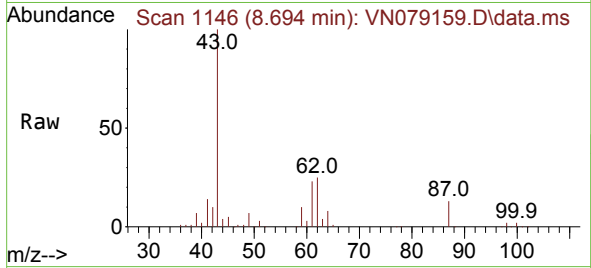




#43
Isopropyl Acetate
Concen: 54.897 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

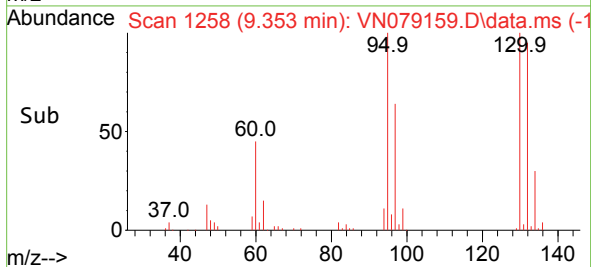
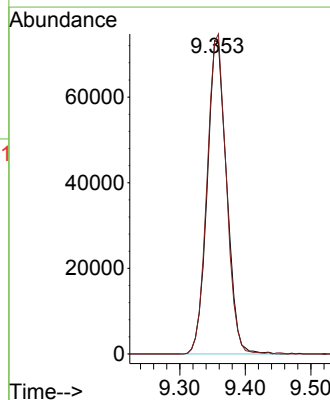
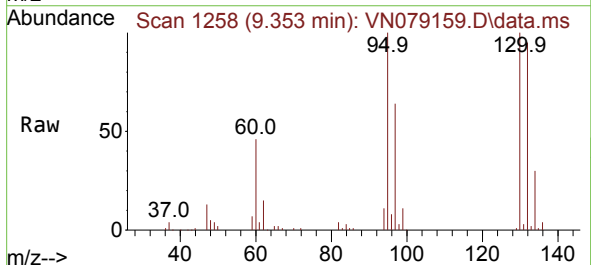
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

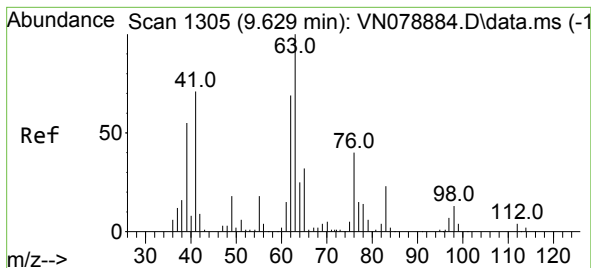
Tgt Ion: 43 Resp: 390071
Ion Ratio Lower Upper
43 100
61 25.5 24.7 37.1
87 12.8 14.6 21.8#



#44
Trichloroethene
Concen: 59.982 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion:130 Resp: 151363
Ion Ratio Lower Upper
130 100
95 99.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 62.453 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

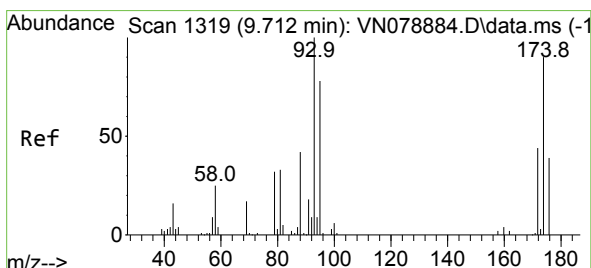
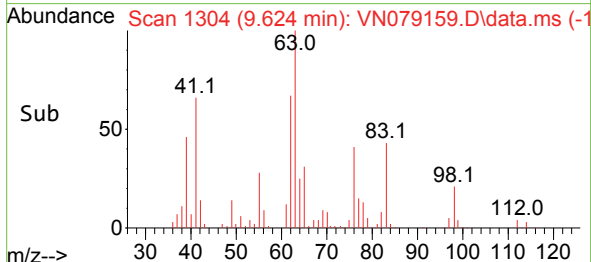
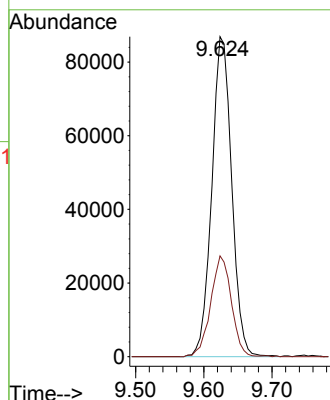
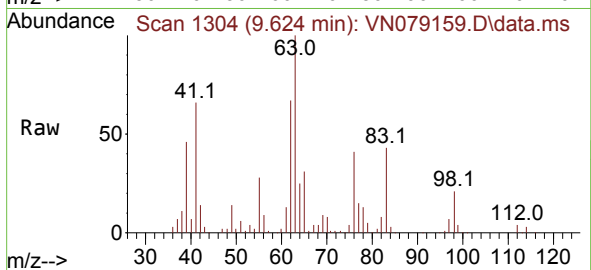
VSTDCCC050EC

Tgt Ion: 63 Resp: 176591

Ion Ratio Lower Upper

63 100

65 31.5 23.9 35.9



#46

Dibromomethane

Concen: 59.396 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

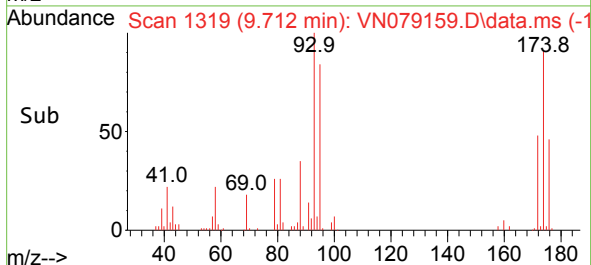
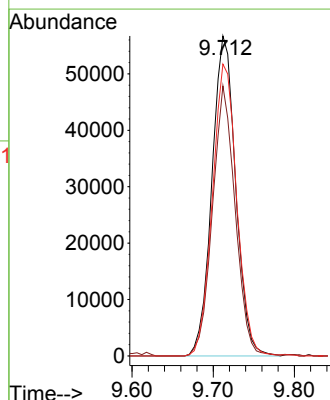
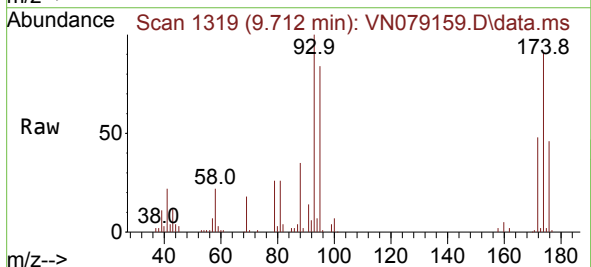
Tgt Ion: 93 Resp: 115194

Ion Ratio Lower Upper

93 100

95 80.9 63.8 95.8

174 93.7 65.6 98.4

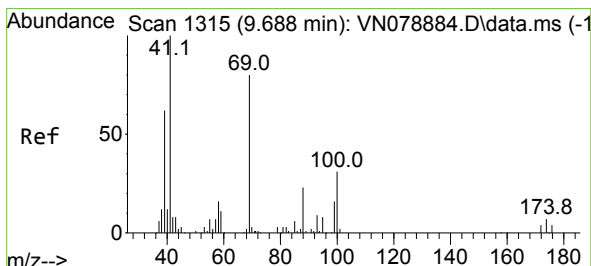
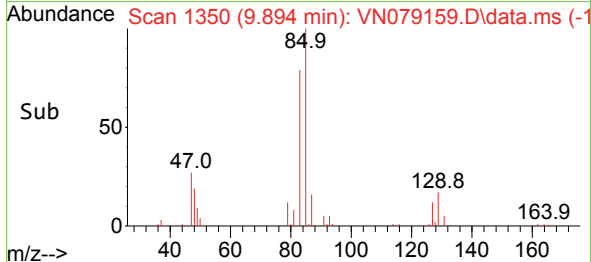
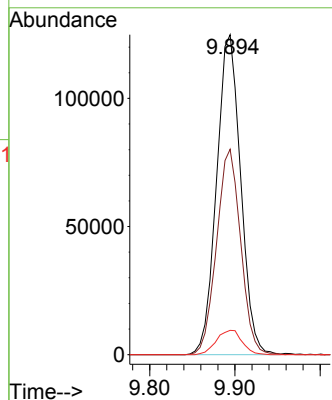
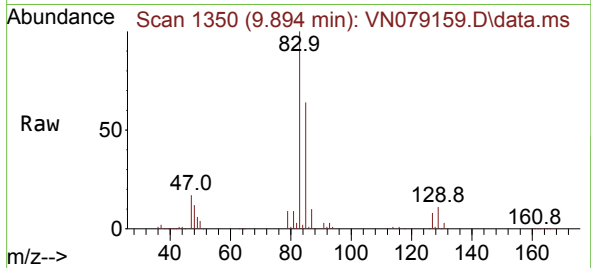




#47
Bromodichloromethane
Concen: 63.965 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

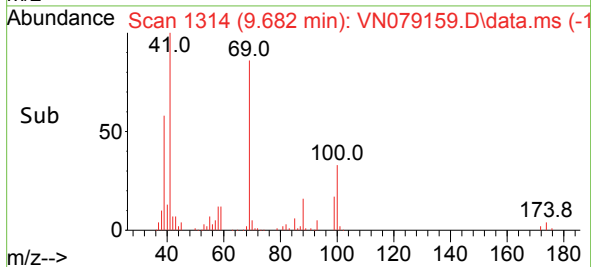
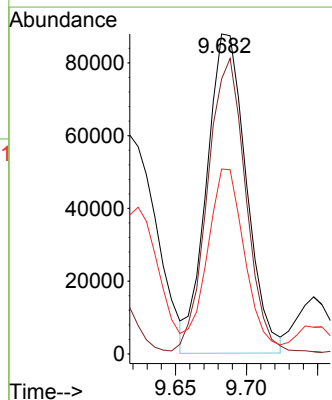
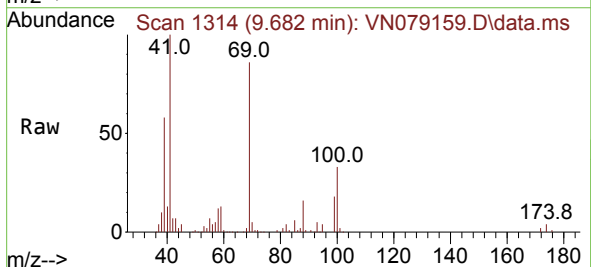
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

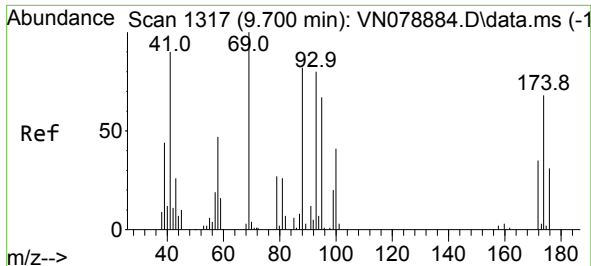
Tgt Ion: 83 Resp: 244963
Ion Ratio Lower Upper
83 100
85 64.2 49.6 74.4
127 7.6 7.0 10.6



#48
Methyl methacrylate
Concen: 52.903 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 41 Resp: 170341
Ion Ratio Lower Upper
41 100
69 90.7 90.4 135.6
39 55.8 54.6 81.8

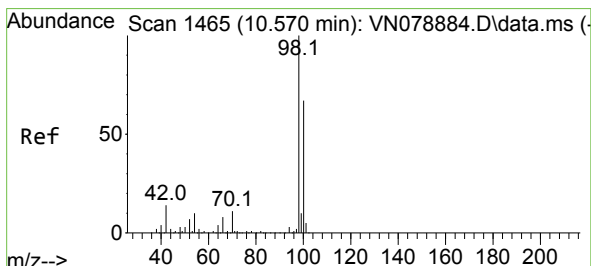
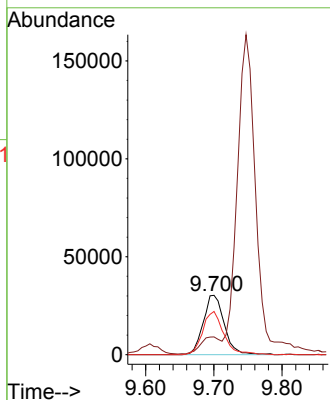
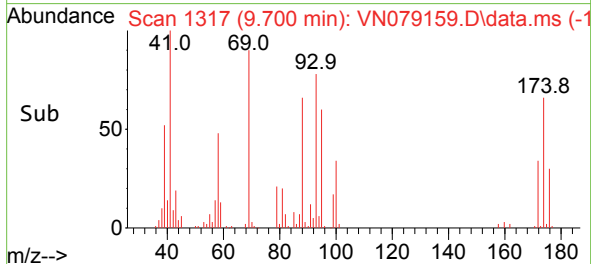
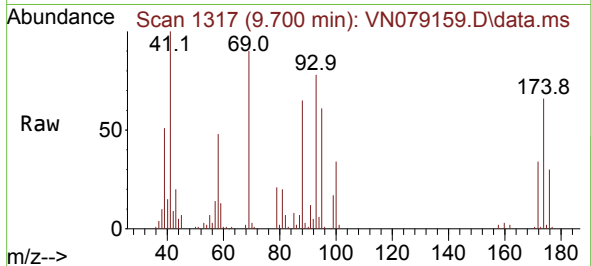




#49
1,4-Dioxane
Concen: 1184.655 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

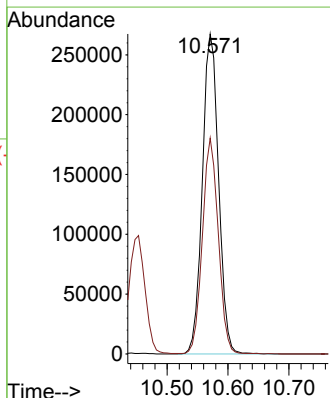
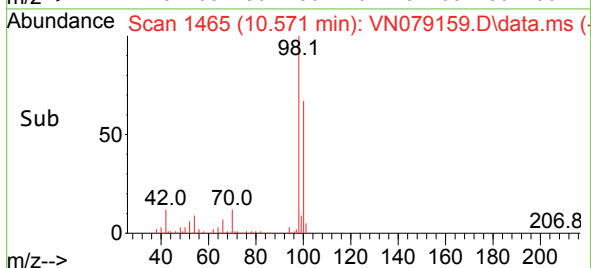
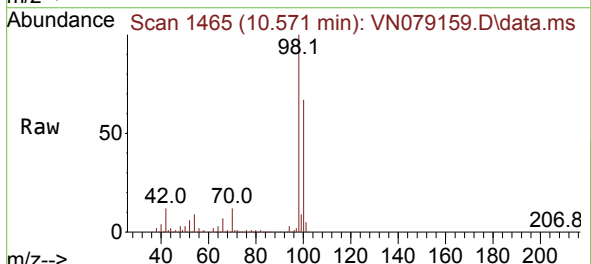
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

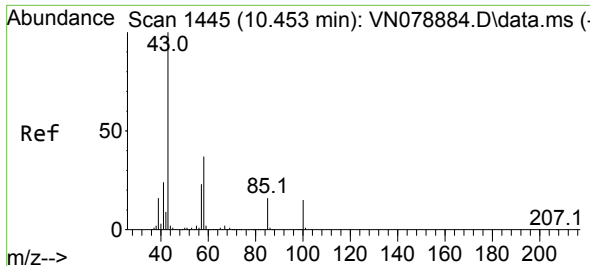
Tgt Ion: 88 Resp: 64971
Ion Ratio Lower Upper
88 100
43 27.9 17.0 25.6#
58 73.1 47.0 70.4#



#50
Toluene-d8
Concen: 55.914 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 98 Resp: 495906
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0

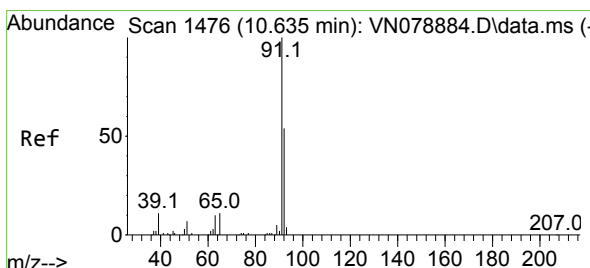
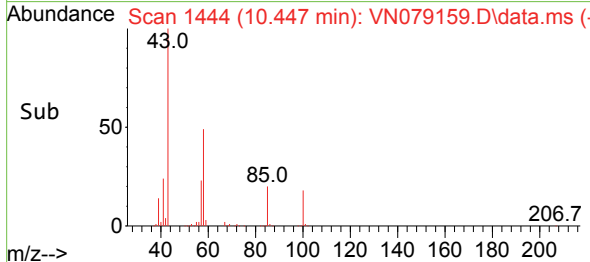
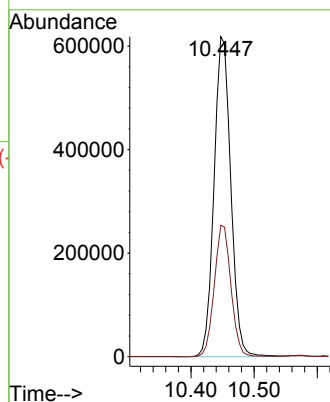
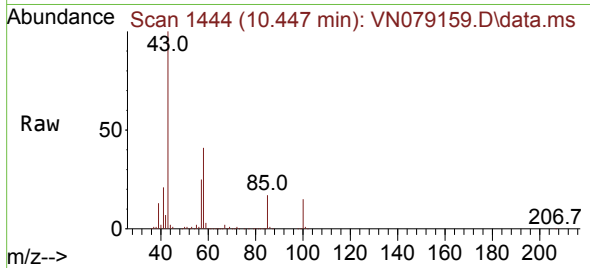




#51
4-Methyl-2-Pentanone
Concen: 270.279 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

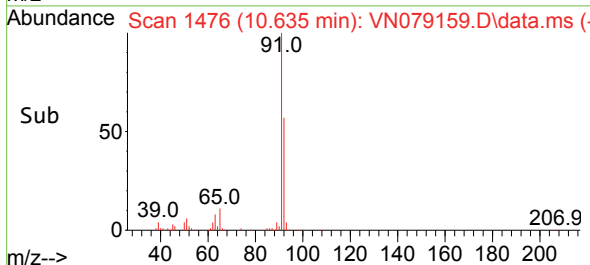
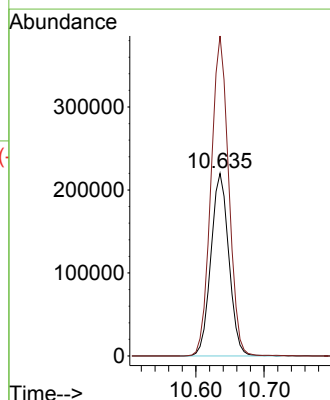
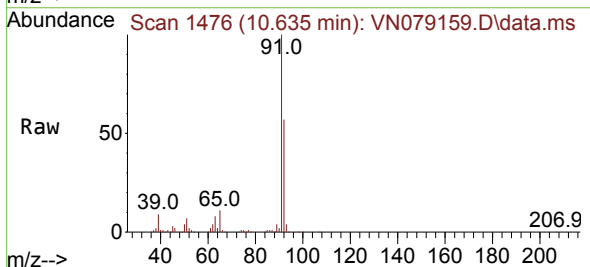
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

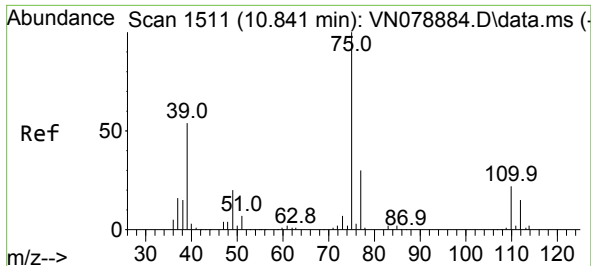
Tgt Ion: 43 Resp: 1139036
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8



#52
Toluene
Concen: 61.730 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 92 Resp: 402506
Ion Ratio Lower Upper
92 100
91 173.3 137.4 206.0

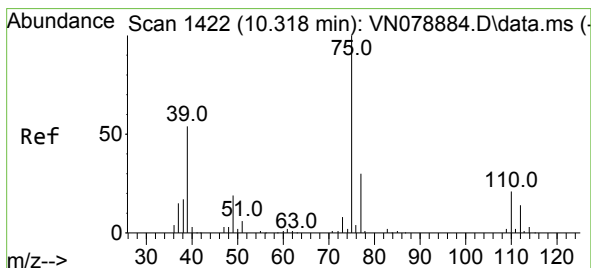
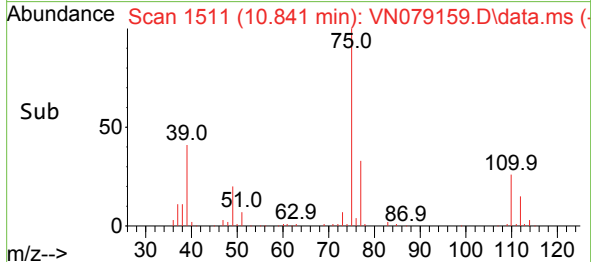
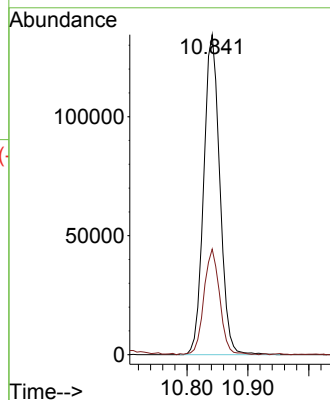
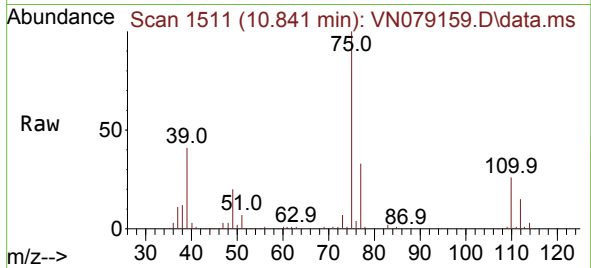




#53
t-1,3-Dichloropropene
Concen: 60.206 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

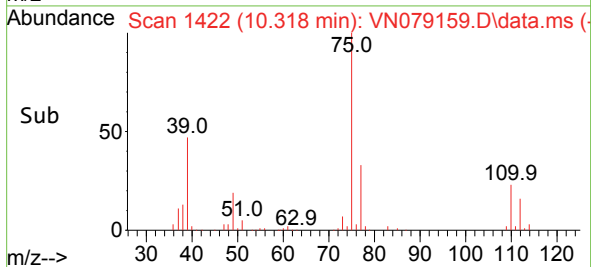
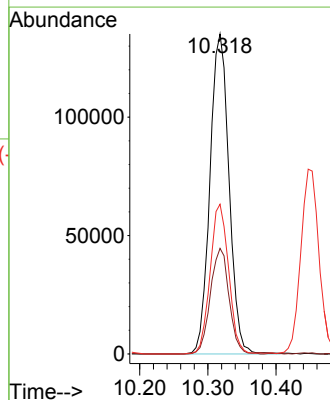
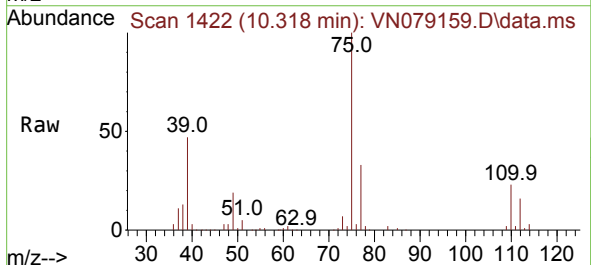
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

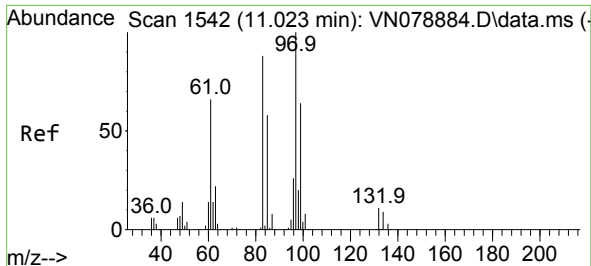
Tgt Ion: 75 Resp: 247263
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 58.825 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 75 Resp: 263117
Ion Ratio Lower Upper
75 100
77 33.0 26.1 39.1
39 46.8 31.6 47.4

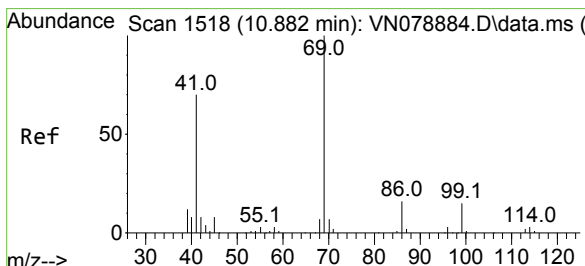
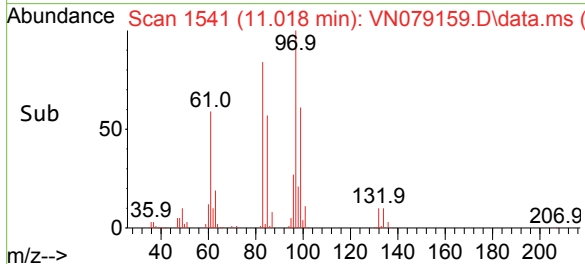
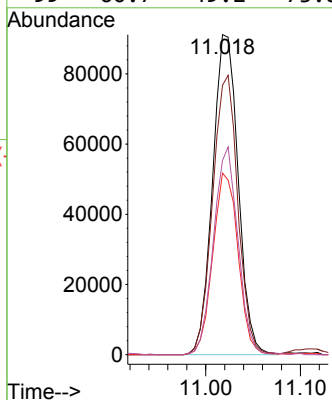
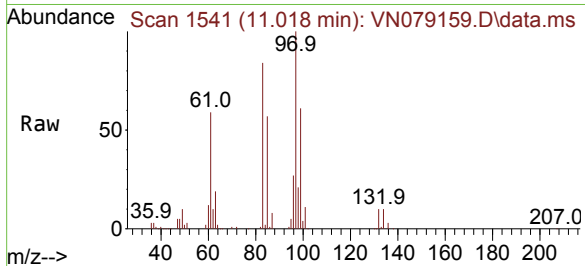




#55
1,1,2-Trichloroethane
Concen: 65.330 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

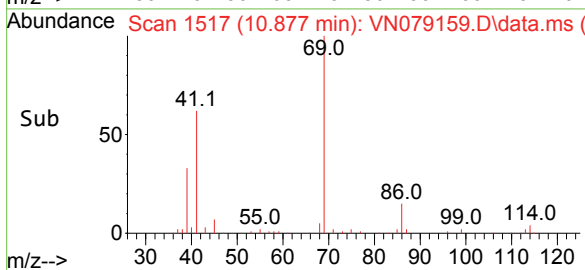
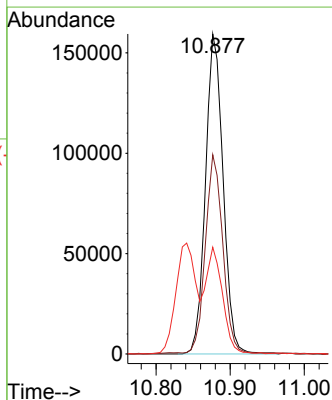
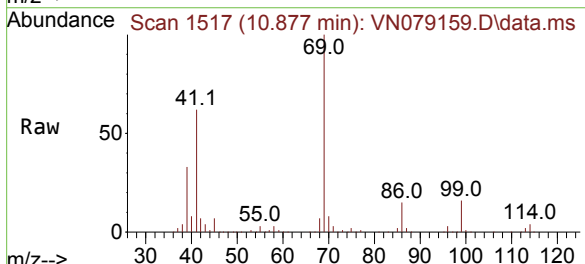
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

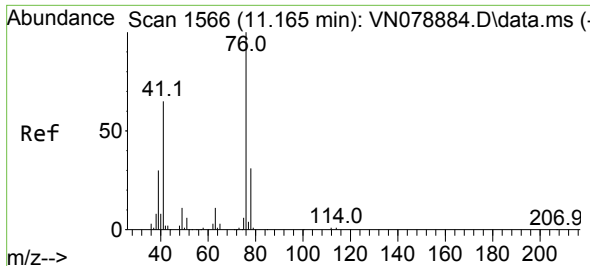
Tgt Ion: 97 Resp: 170800
Ion Ratio Lower Upper
97 100
83 84.2 65.1 97.7
85 56.7 43.4 65.2
99 60.7 49.2 73.8



#56
Ethyl methacrylate
Concen: 65.030 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 69 Resp: 263553
Ion Ratio Lower Upper
69 100
41 60.9 39.6 59.4#
39 32.0 28.6 43.0





#57

1,3-Dichloropropane

Concen: 62.846 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

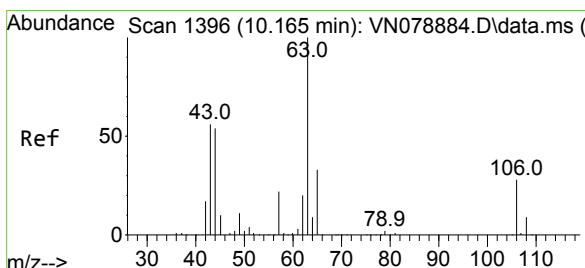
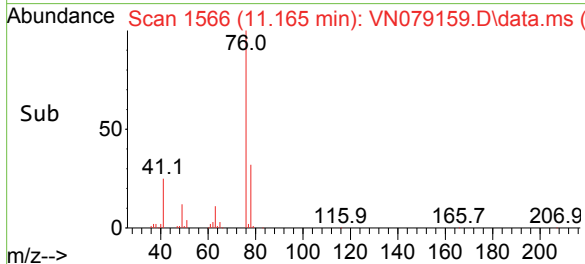
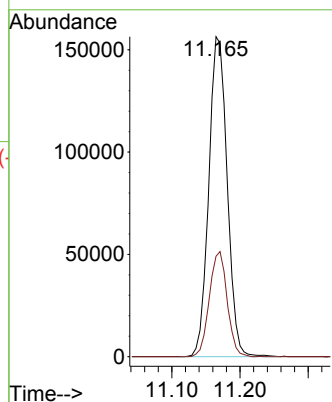
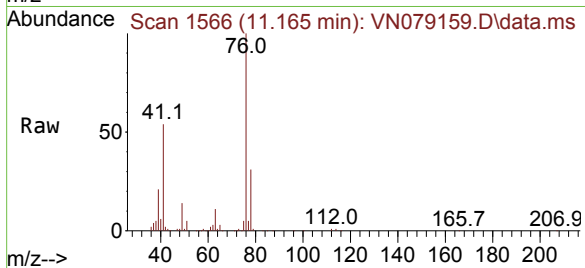
VSTDCCC050EC

Tgt Ion: 76 Resp: 293886

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 244.360 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079159.D

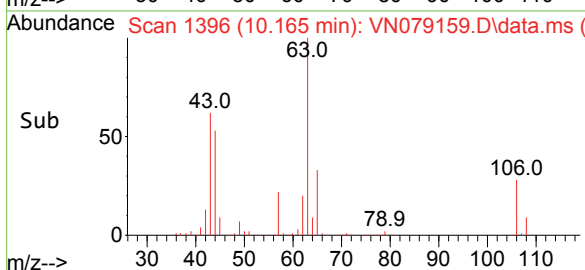
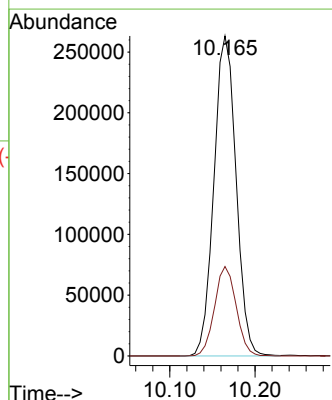
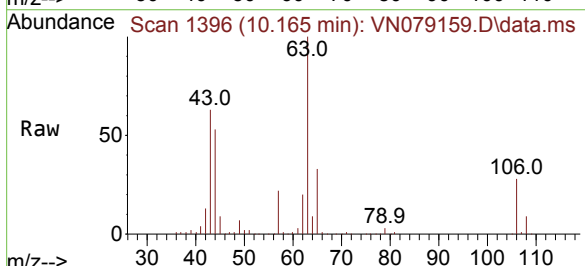
Acq: 02 Sep 2023 21:35

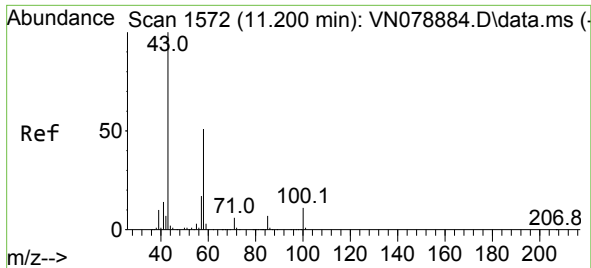
Tgt Ion: 63 Resp: 475384

Ion Ratio Lower Upper

63 100

106 27.3 26.2 39.4

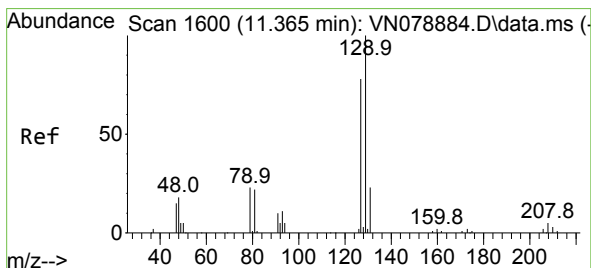
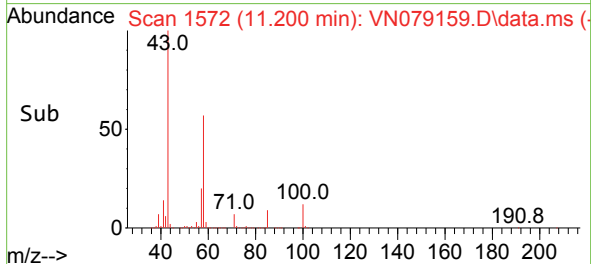
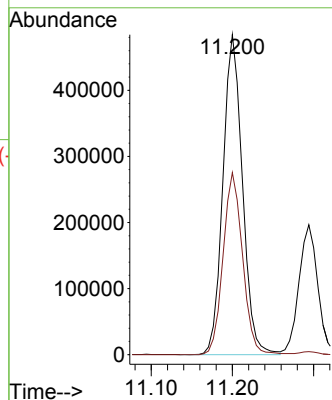
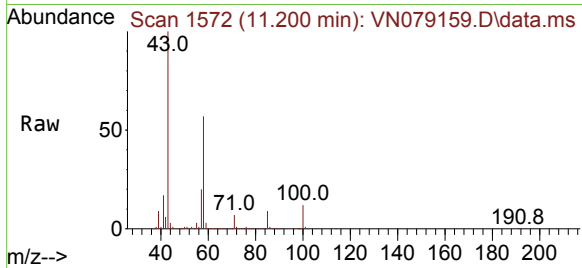




#59
2-Hexanone
Concen: 265.422 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

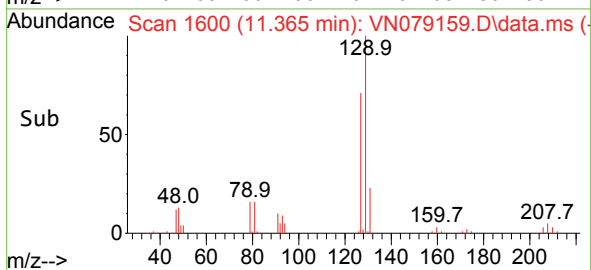
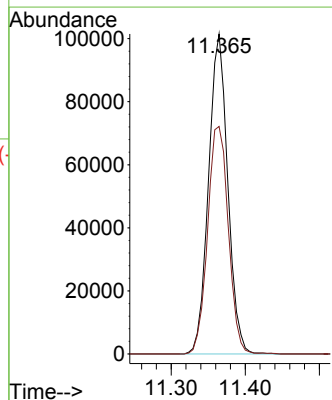
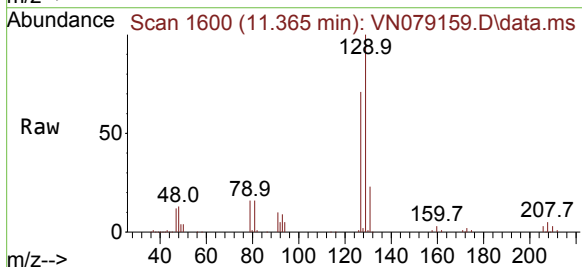
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

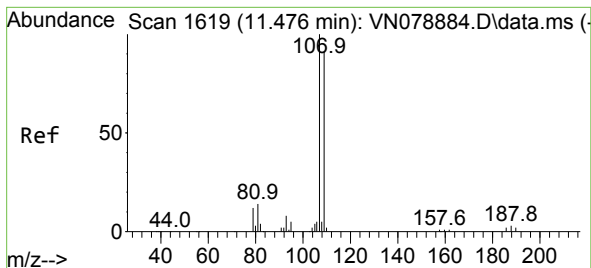
Tgt Ion: 43 Resp: 810178
Ion Ratio Lower Upper
43 100
58 56.8 31.7 95.1



#60
Dibromochloromethane
Concen: 66.325 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion:129 Resp: 182475
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0

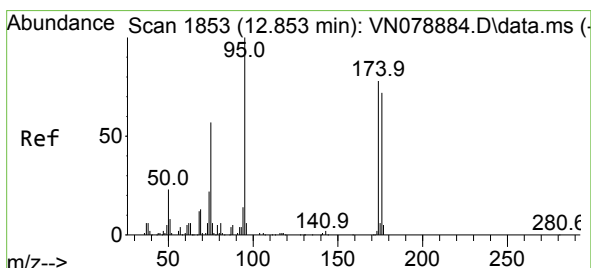
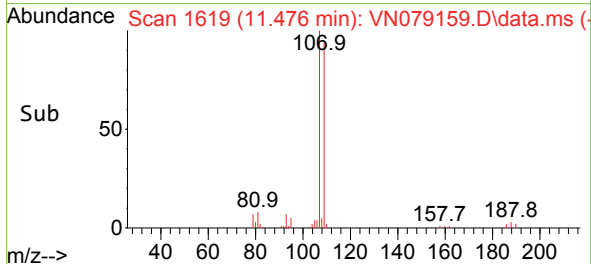
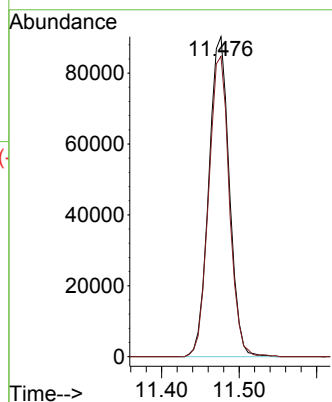
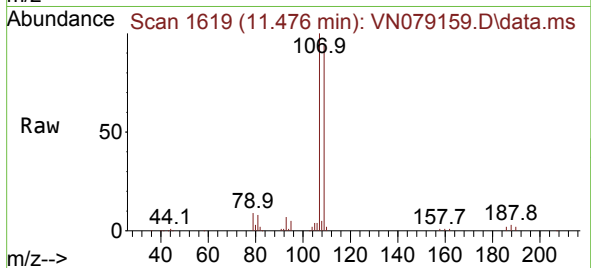




#61
1,2-Dibromoethane
Concen: 62.481 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

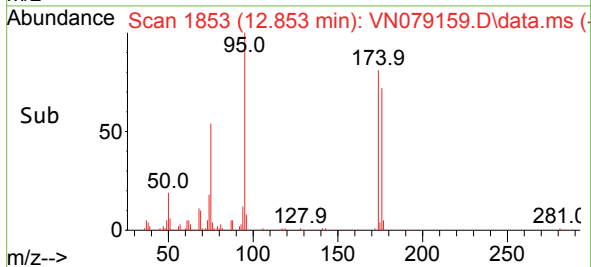
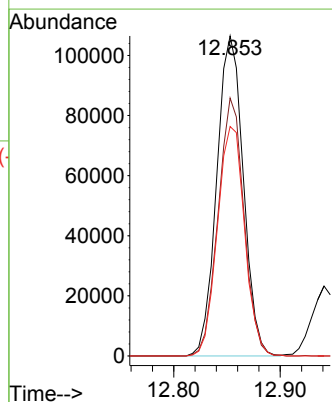
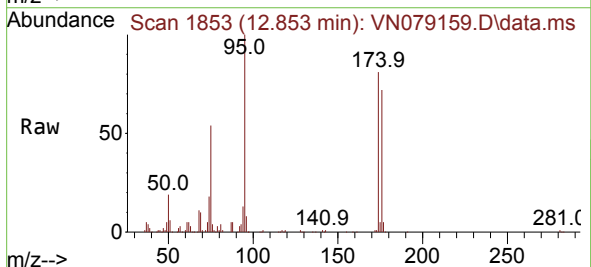
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

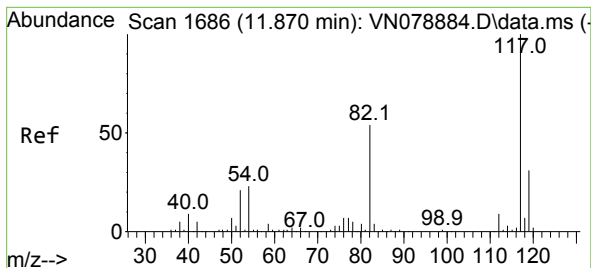
Tgt Ion:107 Resp: 166002
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 63.604 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 95 Resp: 184385
Ion Ratio Lower Upper
95 100
174 78.4 0.0 143.8
176 73.4 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: VN079159.D

Acq: 02 Sep 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

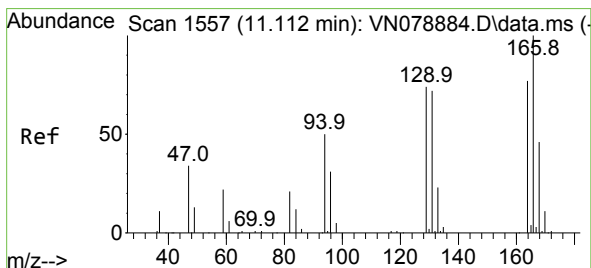
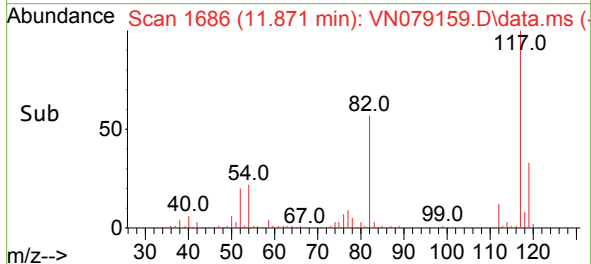
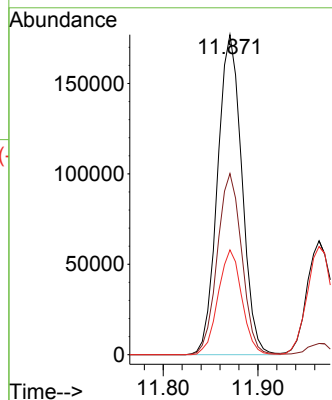
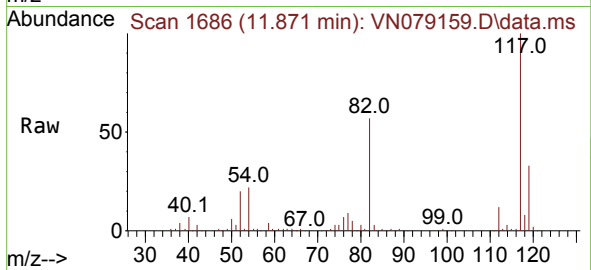
Tgt Ion:117 Resp: 316165

Ion Ratio Lower Upper

117 100

82 56.6 44.0 66.0

119 32.7 25.6 38.4



#64

Tetrachloroethene

Concen: 60.849 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Tgt Ion:164 Resp: 120648

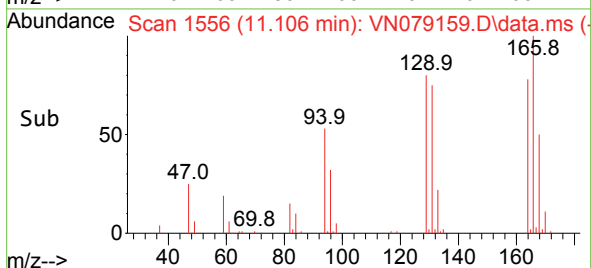
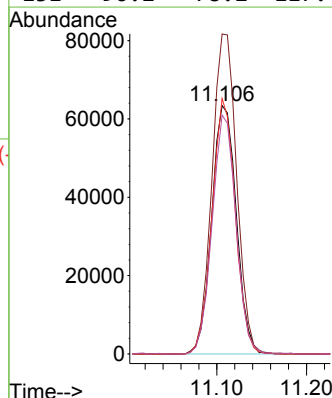
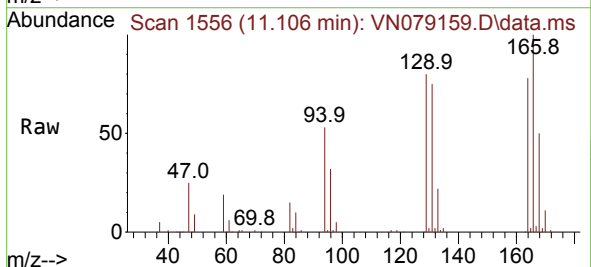
Ion Ratio Lower Upper

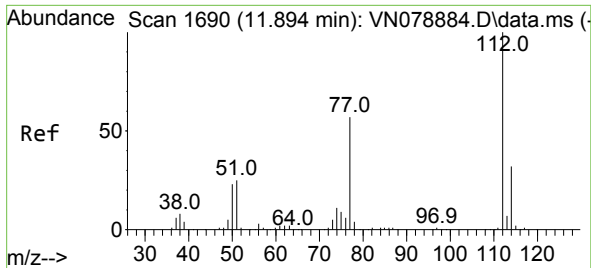
164 100

166 128.8 101.4 152.0

129 102.8 82.4 123.6

131 96.2 78.2 117.4

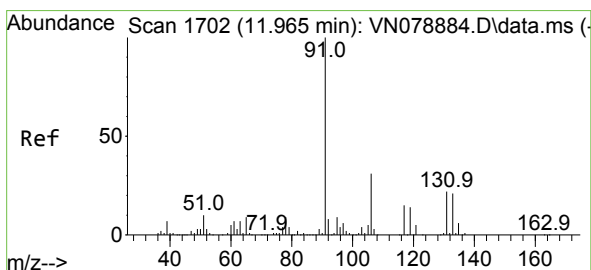
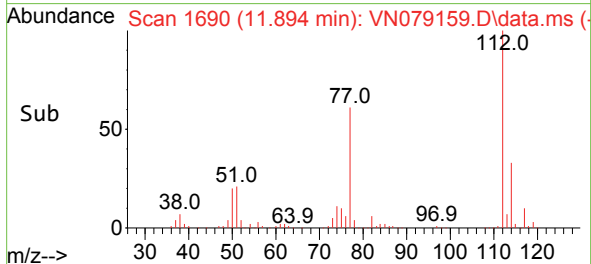
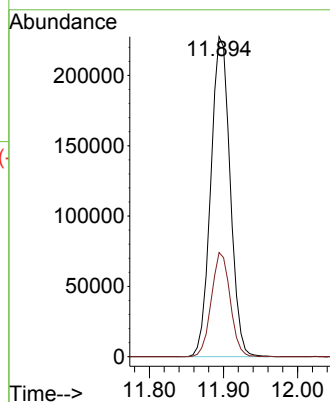
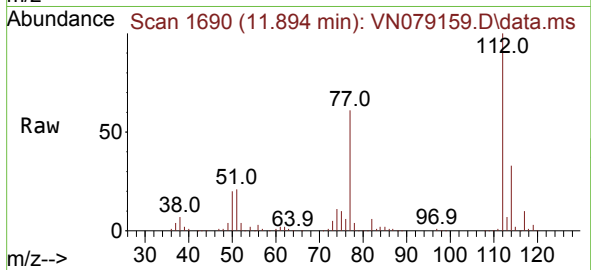




#65
Chlorobenzene
Concen: 61.283 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

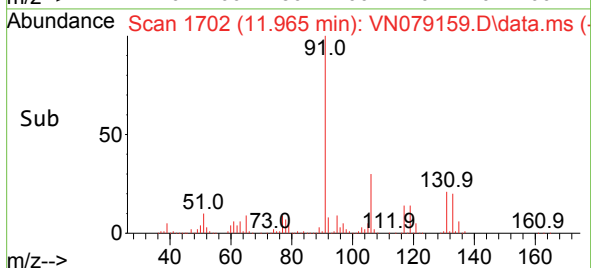
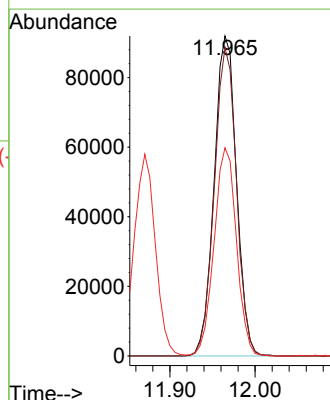
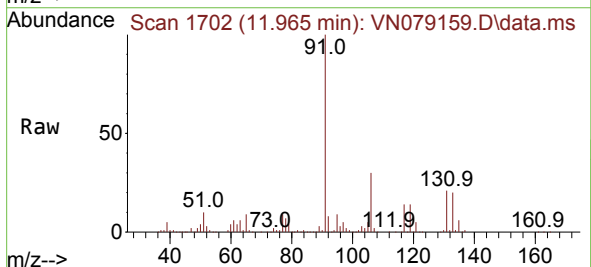
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

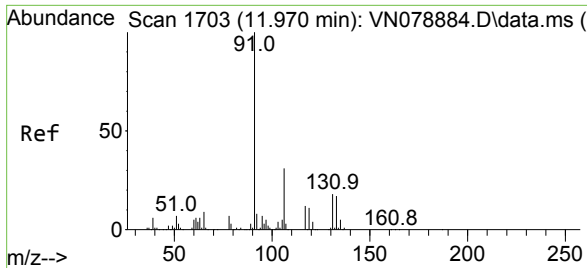
Tgt Ion:112 Resp: 412439
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 65.672 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion:131 Resp: 167028
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 65.3 34.1 102.2





#67

Ethyl Benzene

Concen: 61.961 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

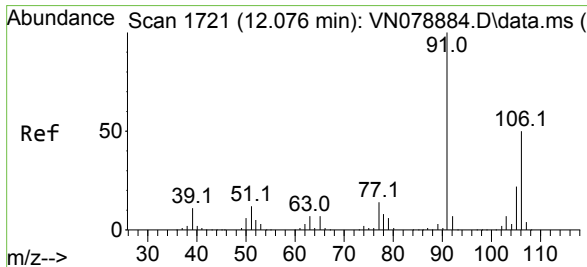
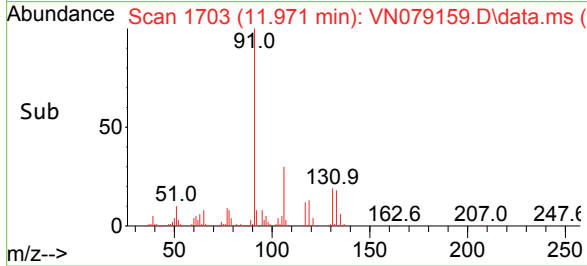
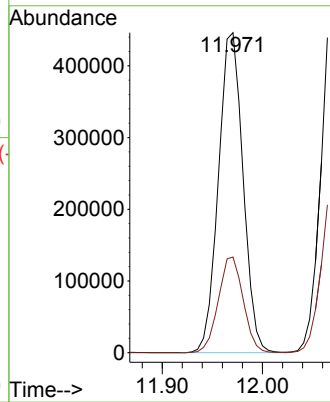
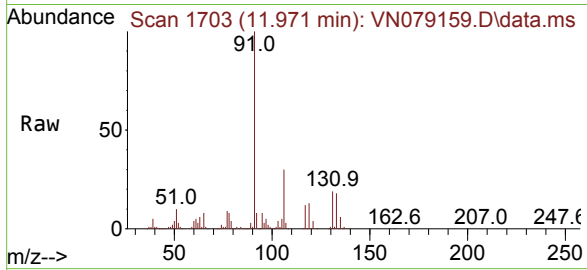
VSTDCCC050EC

Tgt Ion: 91 Resp: 758320

Ion Ratio Lower Upper

91 100

106 29.9 25.6 38.4



#68

m/p-Xylenes

Concen: 122.558 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN079159.D

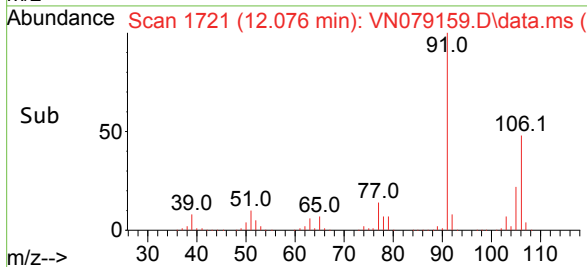
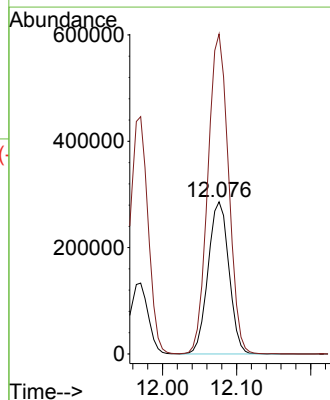
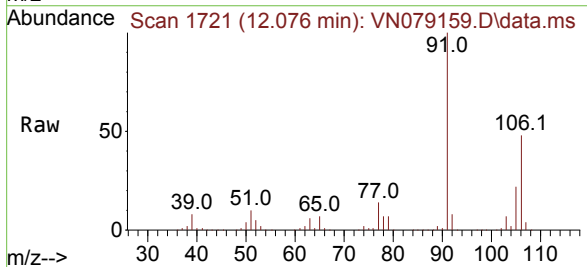
Acq: 02 Sep 2023 21:35

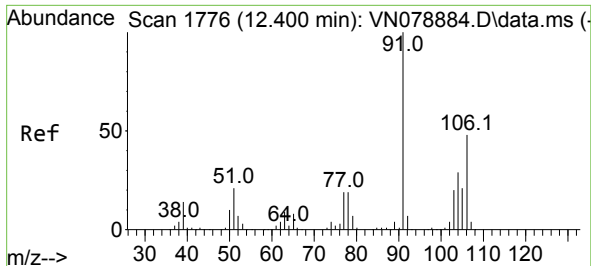
Tgt Ion:106 Resp: 560801

Ion Ratio Lower Upper

106 100

91 208.2 159.6 239.4

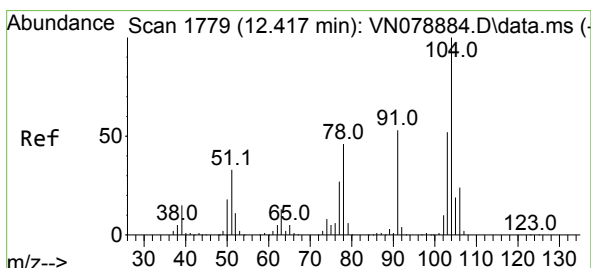
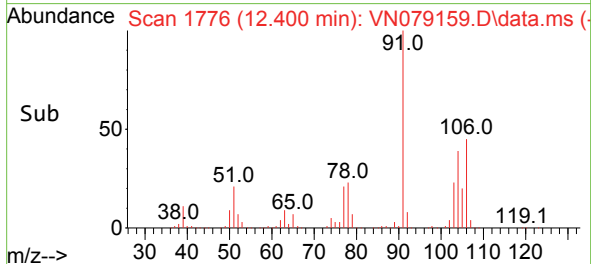
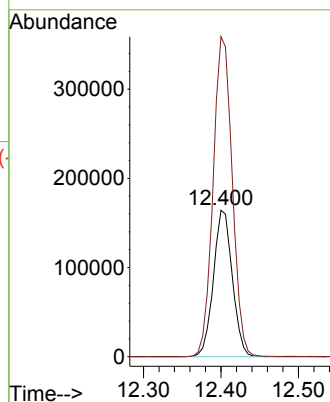
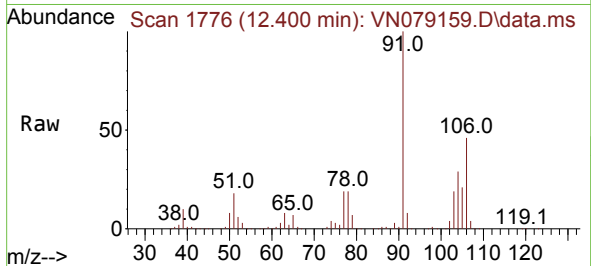




#69
o-Xylene
Concen: 62.387 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

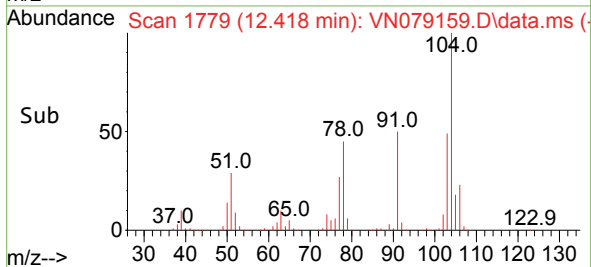
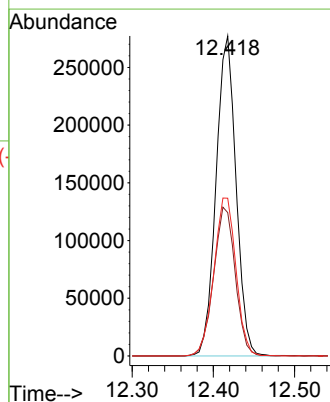
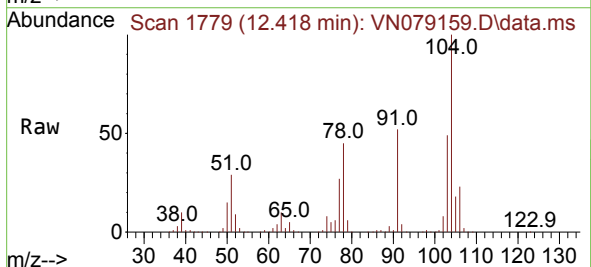
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

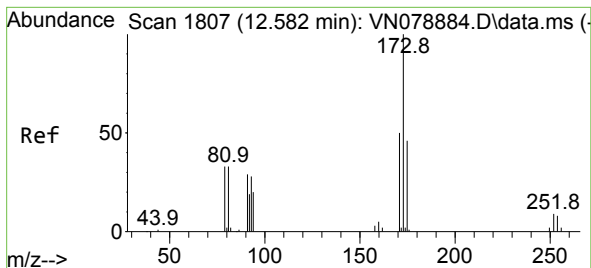
Tgt Ion:106 Resp: 277697
Ion Ratio Lower Upper
106 100
91 222.0 105.2 315.5



#70
Styrene
Concen: 63.982 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion:104 Resp: 474884
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 54.6 43.2 64.8





#71

Bromoform

Concen: 68.786 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

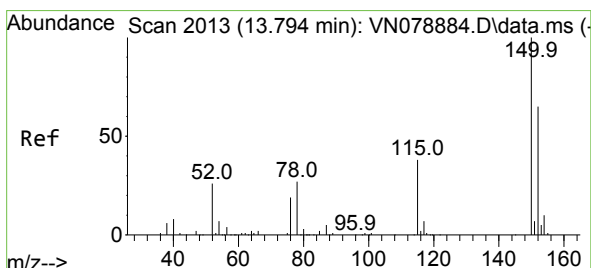
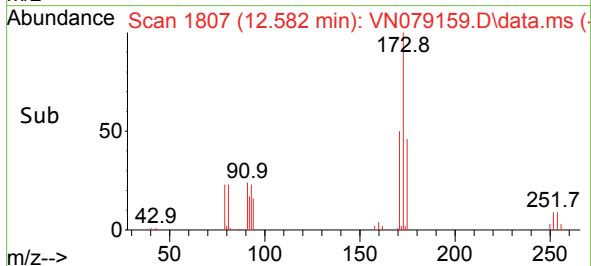
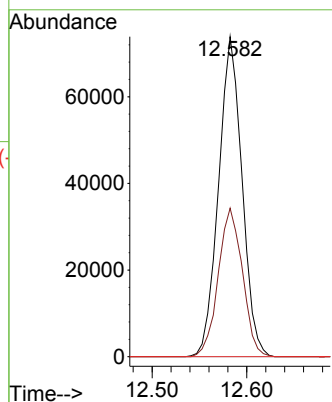
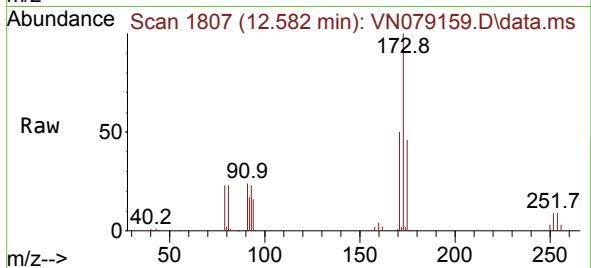
Tgt Ion:173 Resp: 127188

Ion Ratio Lower Upper

173 100

175 47.9 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: VN079159.D

Acq: 02 Sep 2023 21:35

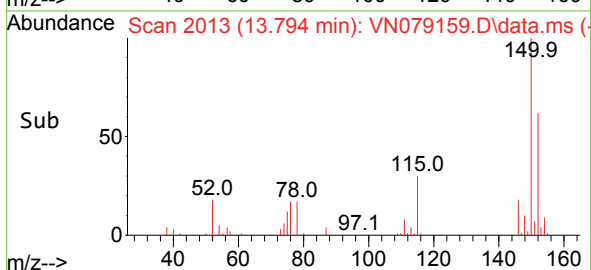
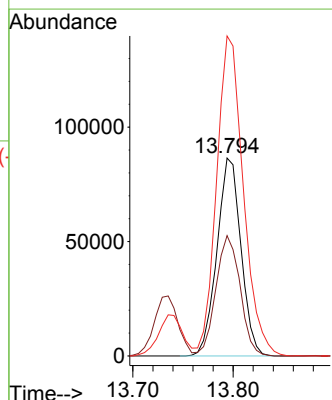
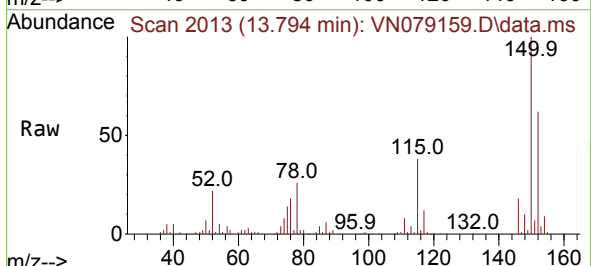
Tgt Ion:152 Resp: 143975

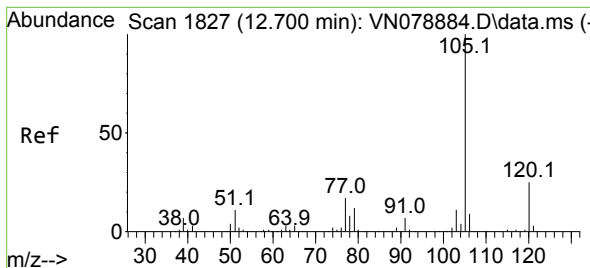
Ion Ratio Lower Upper

152 100

115 61.3 32.3 96.8

150 180.2 0.0 355.8





#73

Isopropylbenzene

Concen: 58.861 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

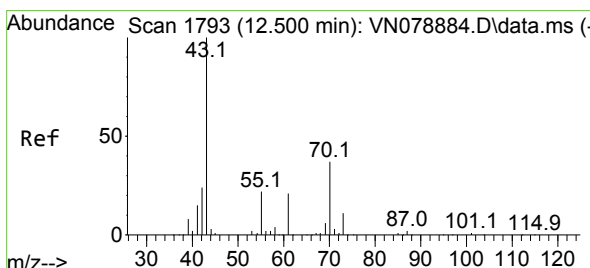
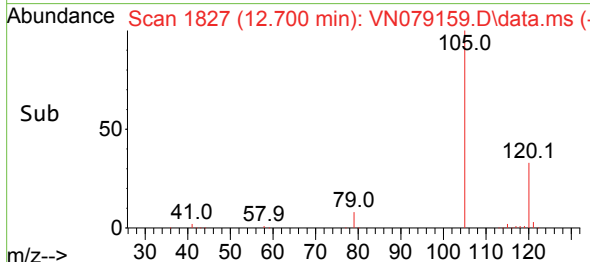
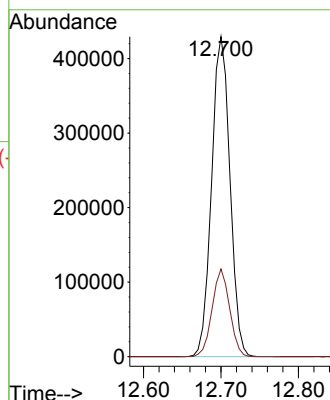
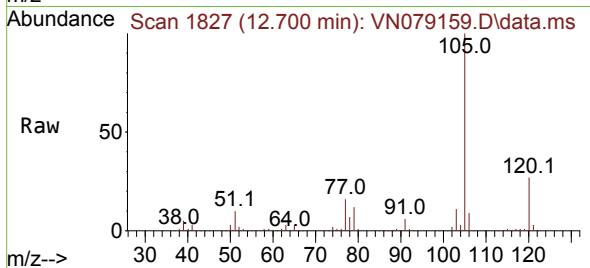
VSTDCCC050EC

Tgt Ion:105 Resp: 706621

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 49.769 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Tgt Ion: 43 Resp: 301584

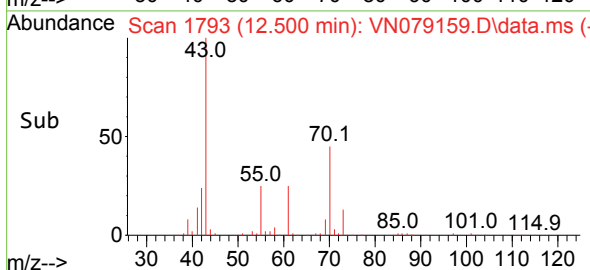
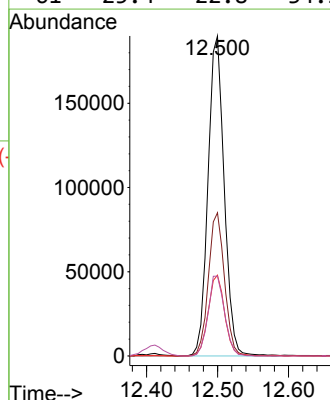
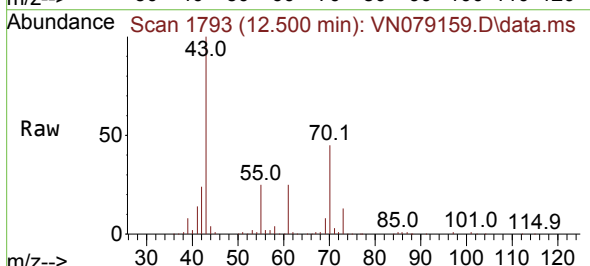
Ion Ratio Lower Upper

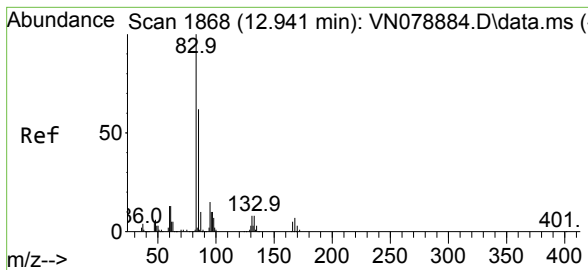
43 100

70 44.4 43.4 65.2

55 25.7 21.4 32.0

61 25.4 22.8 34.2

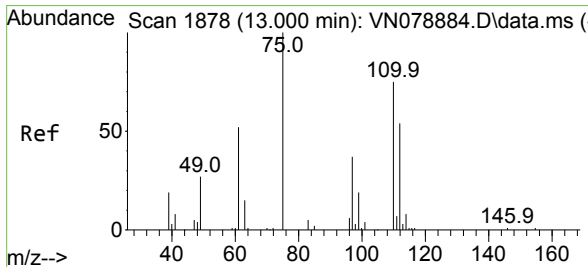
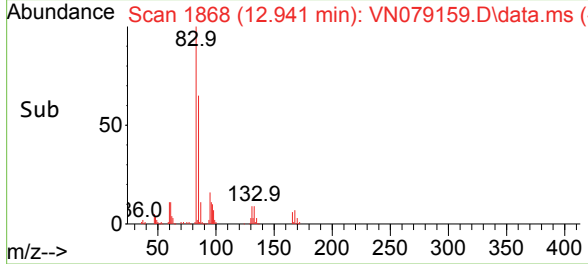
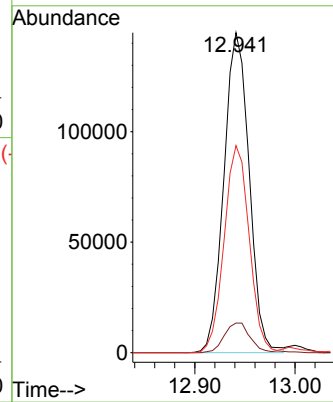
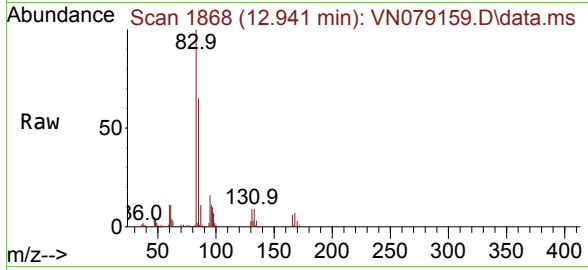




#75
1,1,2,2-Tetrachloroethane
Concen: 58.559 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

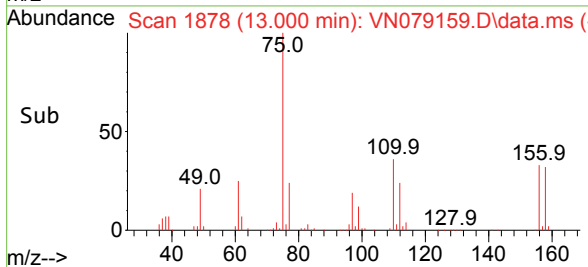
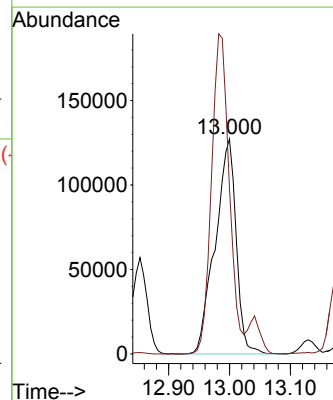
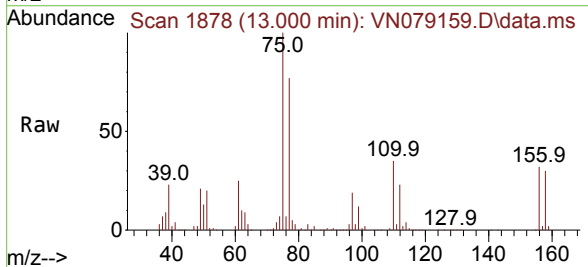
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

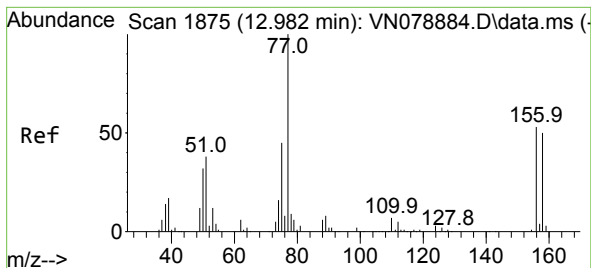
Tgt Ion: 83 Resp: 253834
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 64.2 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 87.675 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 75 Resp: 304154
Ion Ratio Lower Upper
75 100
77 125.9 84.5 253.5





#77

Bromobenzene

Concen: 58.836 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

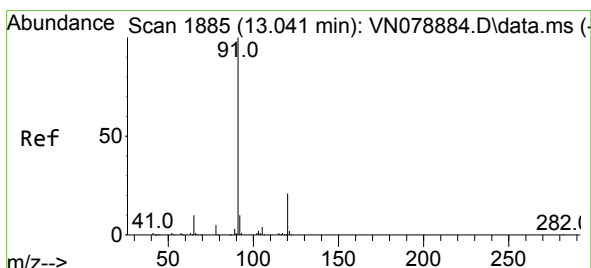
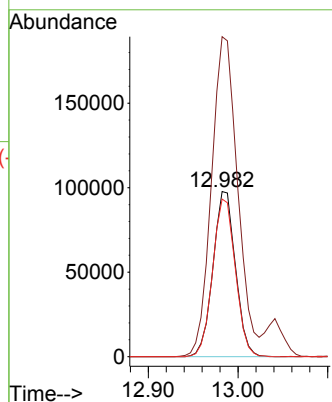
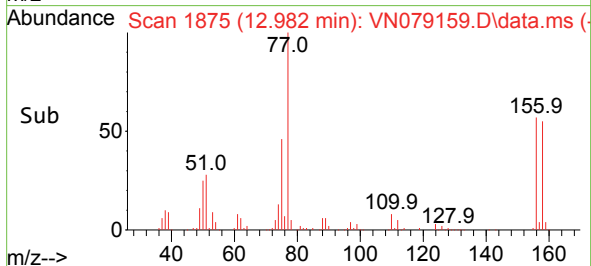
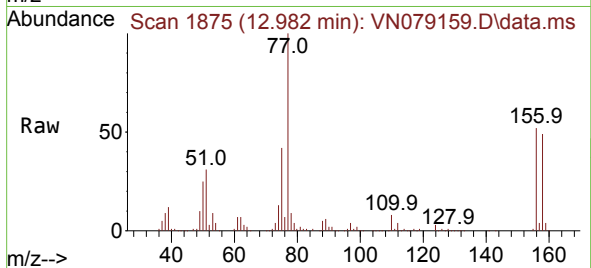
Tgt Ion:156 Resp: 169778

Ion Ratio Lower Upper

156 100

77 225.6 107.7 323.3

158 96.5 48.4 145.3



#78

n-propylbenzene

Concen: 59.117 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079159.D

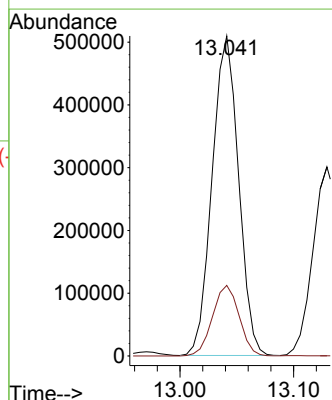
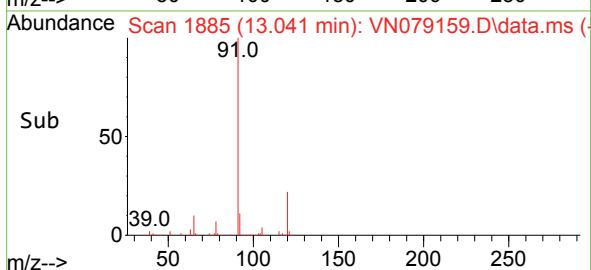
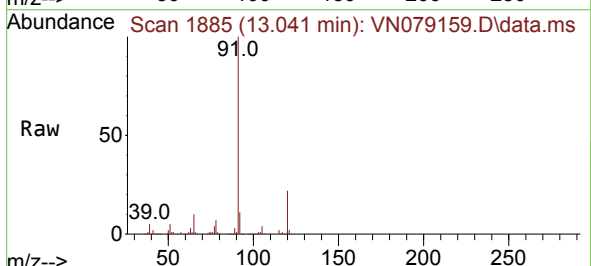
Acq: 02 Sep 2023 21:35

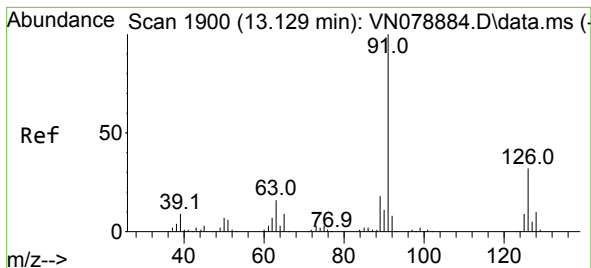
Tgt Ion: 91 Resp: 822965

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4

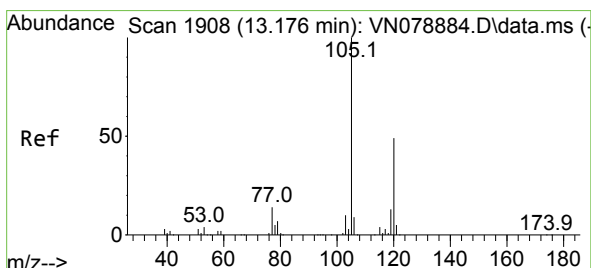
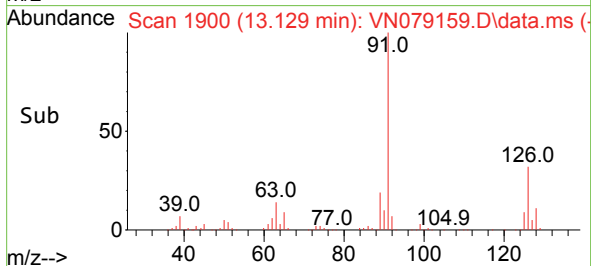
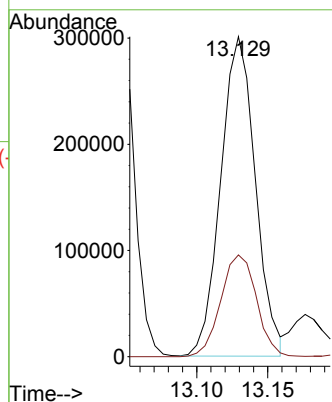
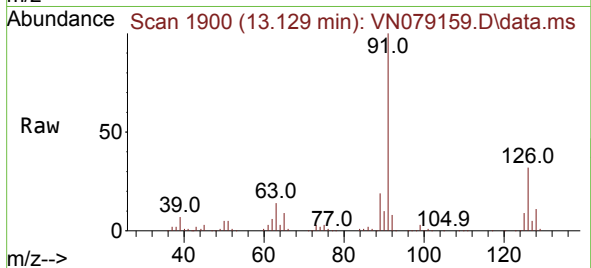




#79
2-Chlorotoluene
Concen: 59.021 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

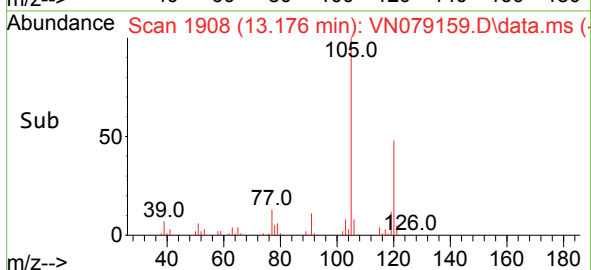
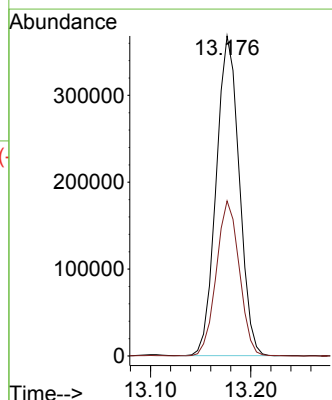
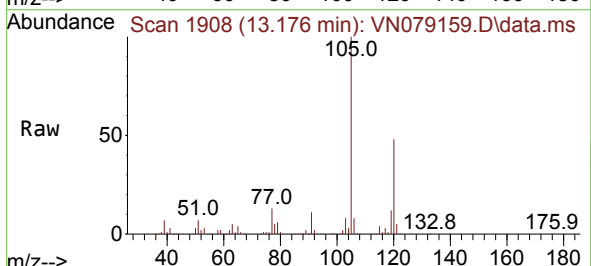
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

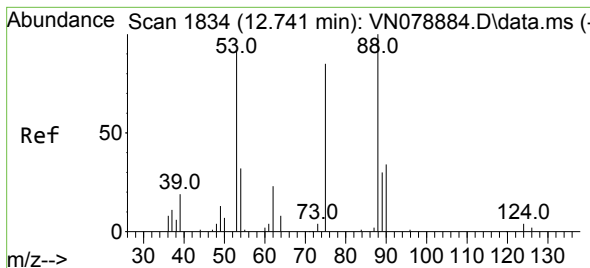
Tgt Ion: 91 Resp: 509670
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 61.716 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion:105 Resp: 587128
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3

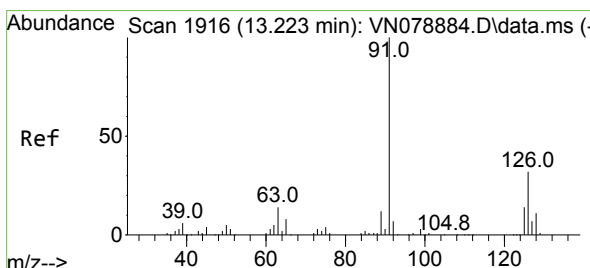
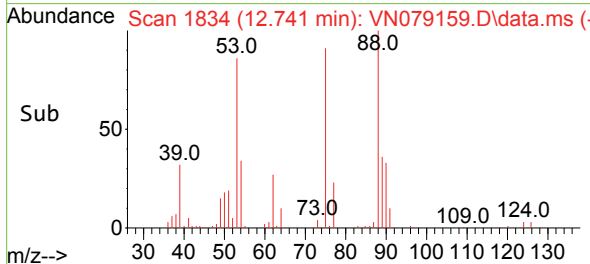
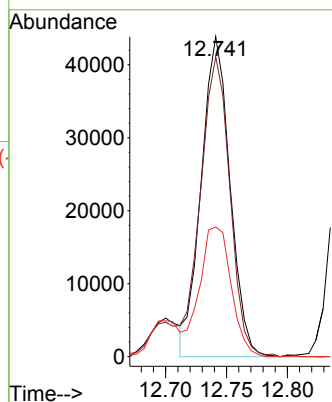
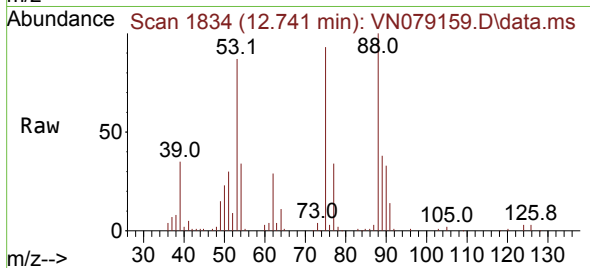




#81
trans-1,4-Dichloro-2-butene
Concen: 53.110 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

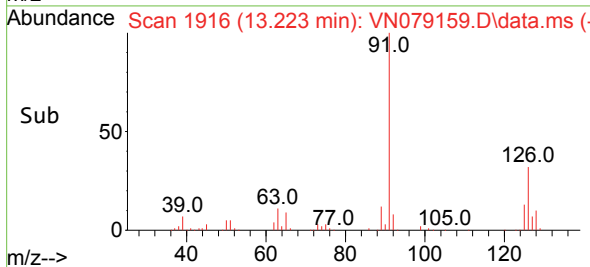
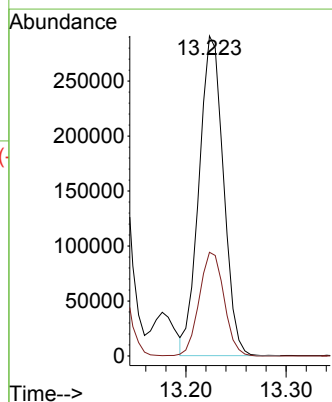
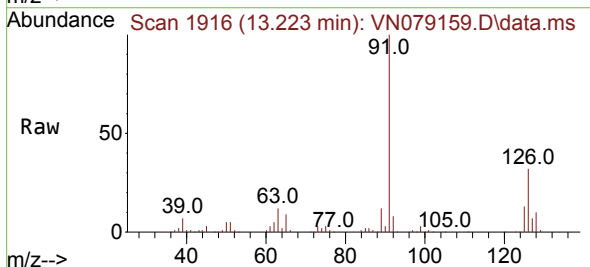
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

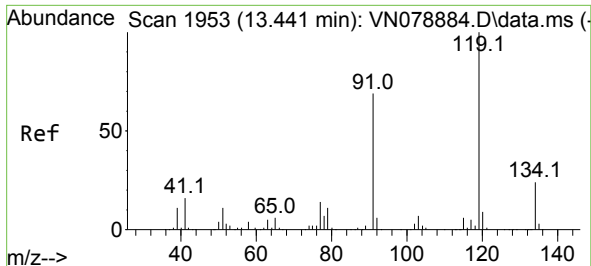
Tgt Ion: 75 Resp: 72123
Ion Ratio Lower Upper
75 100
53 107.1 67.4 101.2#
89 45.1 38.8 58.2



#82
4-Chlorotoluene
Concen: 58.298 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 91 Resp: 492589
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.0

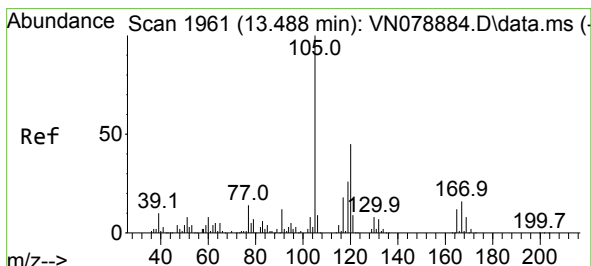
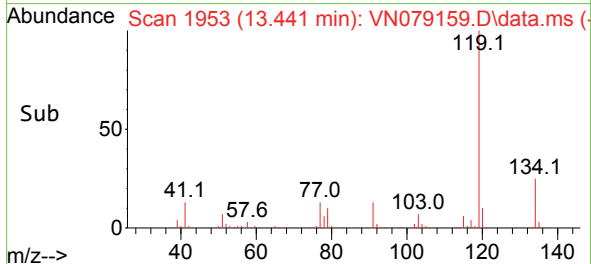
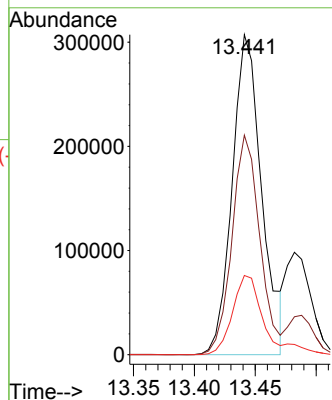
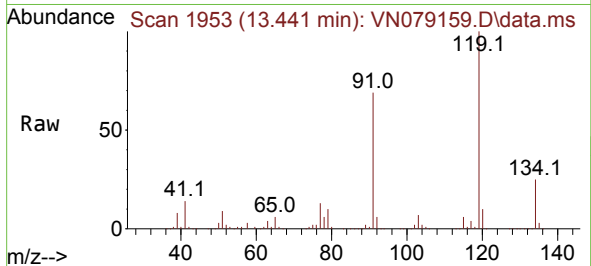




#83
tert-Butylbenzene
Concen: 64.864 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

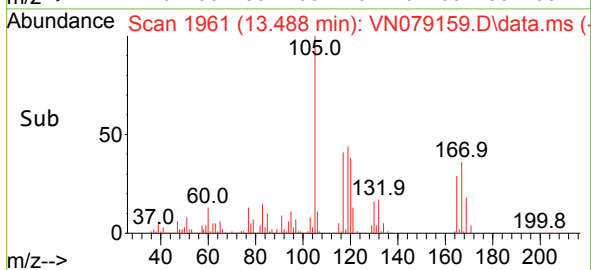
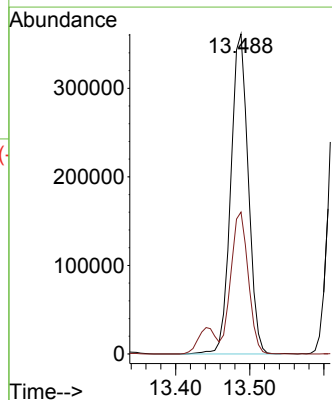
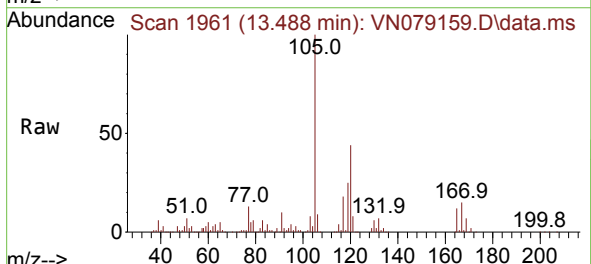
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

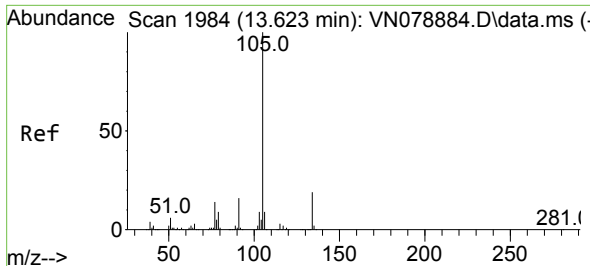
Tgt Ion:119 Resp: 518473
Ion Ratio Lower Upper
119 100
91 64.9 33.9 101.7
134 26.5 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 62.666 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion:105 Resp: 590315
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0

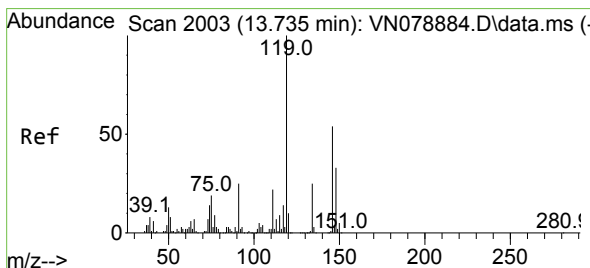
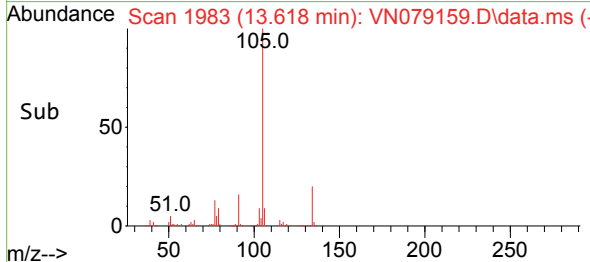
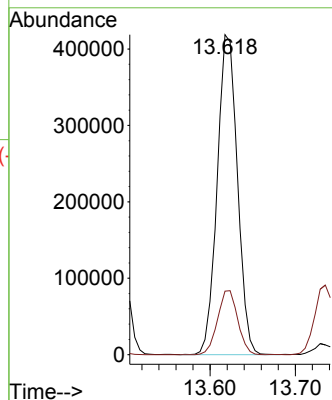
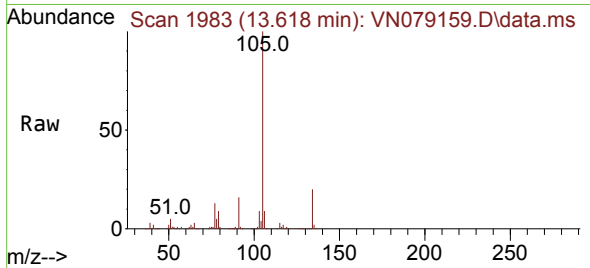




#85
 sec-Butylbenzene
 Concen: 62.816 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN079159.D
 Acq: 02 Sep 2023 21:35

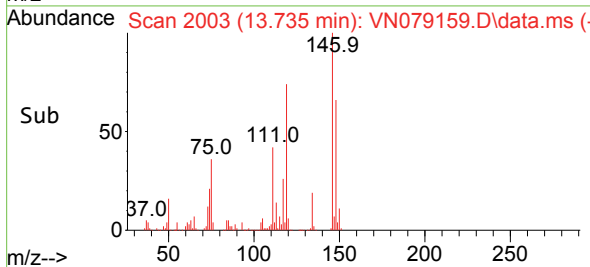
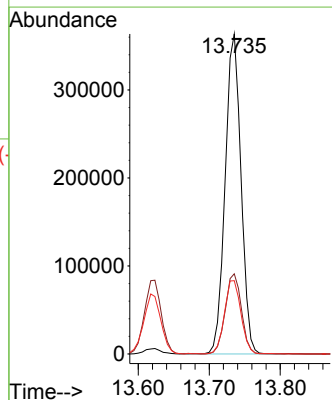
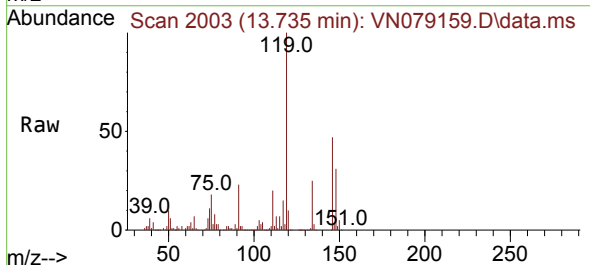
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

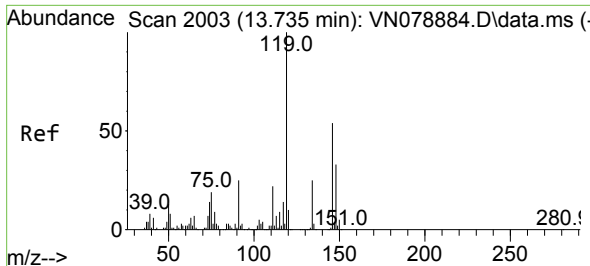
Tgt Ion:105 Resp: 691000
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 63.986 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079159.D
 Acq: 02 Sep 2023 21:35

Tgt Ion:119 Resp: 562360
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 23.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 59.578 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

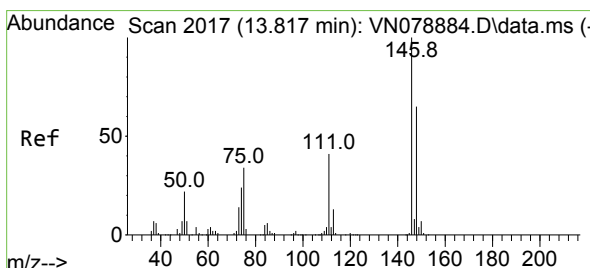
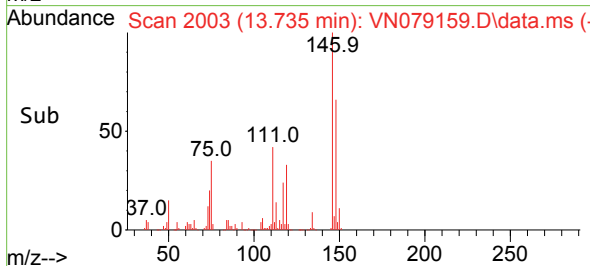
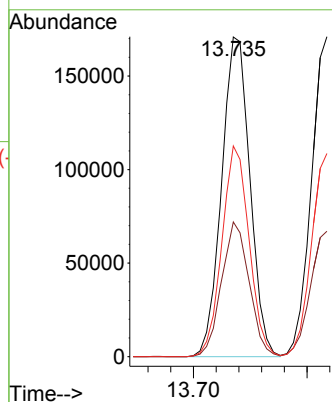
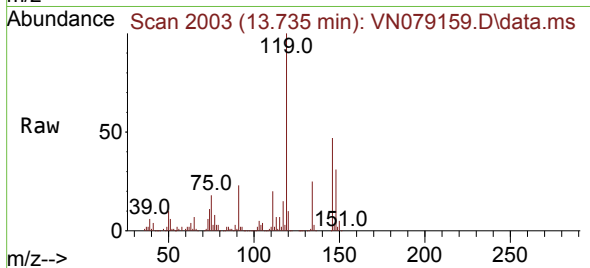
Tgt Ion:146 Resp: 295833

Ion Ratio Lower Upper

146 100

111 41.1 22.1 66.3

148 63.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 57.793 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

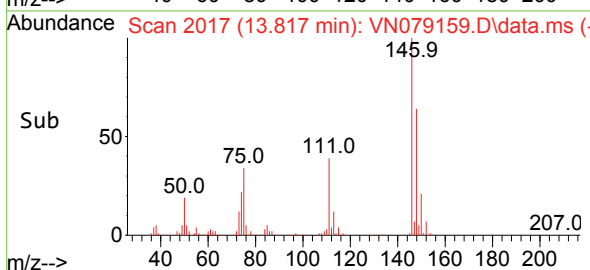
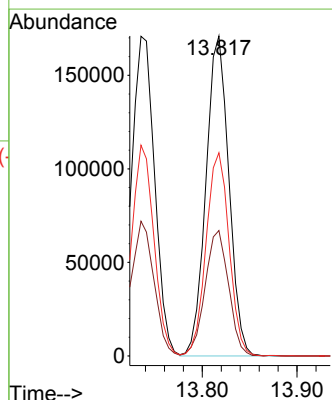
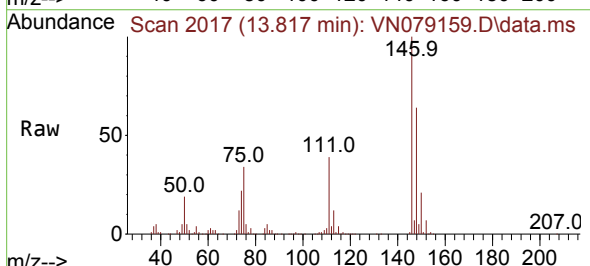
Tgt Ion:146 Resp: 287225

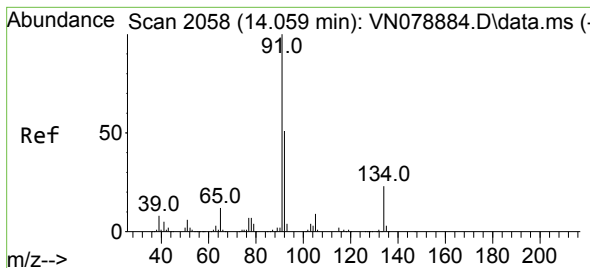
Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.8

148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 61.429 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

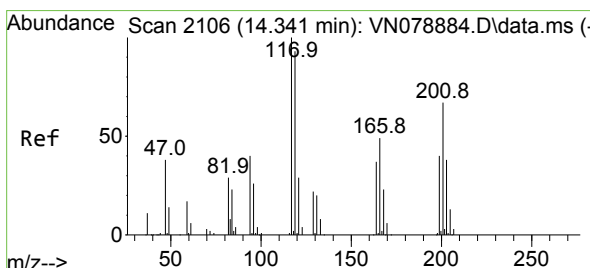
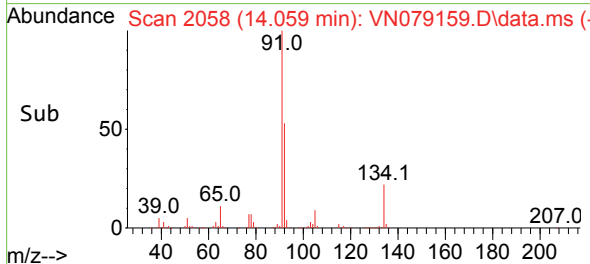
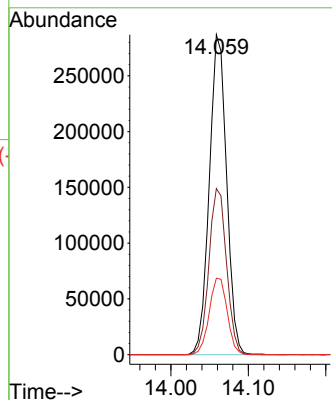
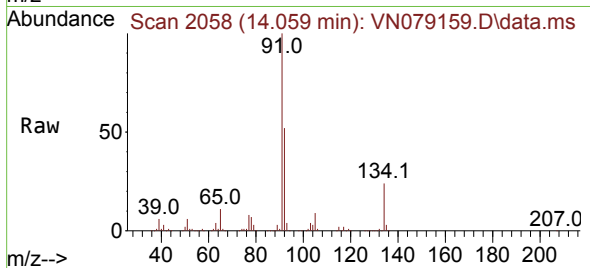
Tgt Ion: 91 Resp: 444302

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.0

134 24.8 12.6 37.6



#90

Hexachloroethane

Concen: 63.244 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079159.D

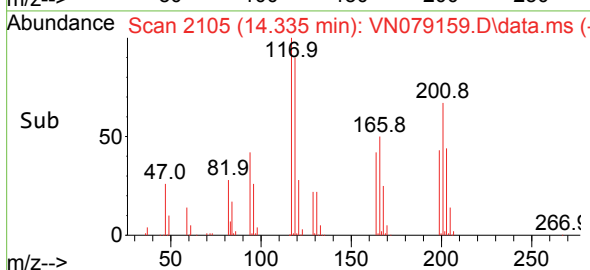
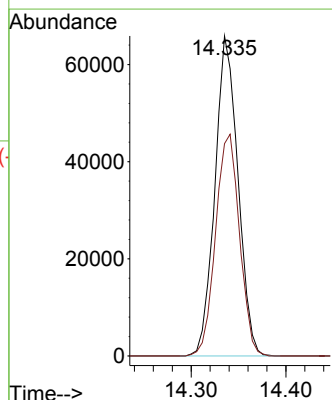
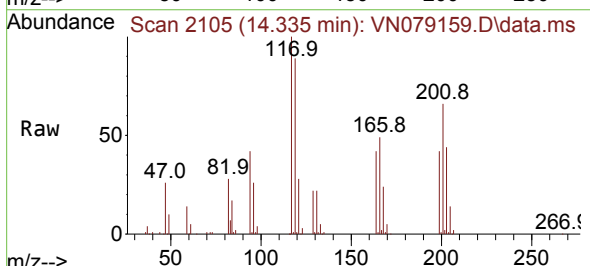
Acq: 02 Sep 2023 21:35

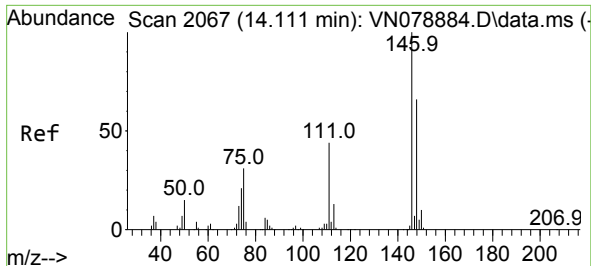
Tgt Ion: 117 Resp: 111420

Ion Ratio Lower Upper

117 100

201 71.9 29.3 88.0

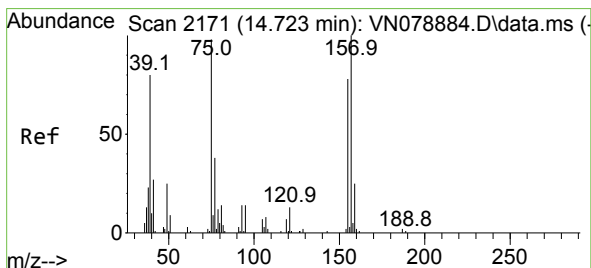
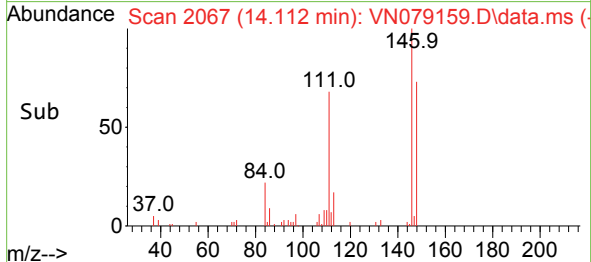
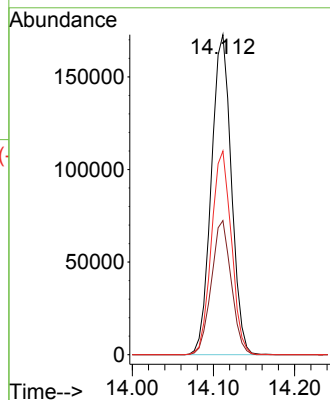
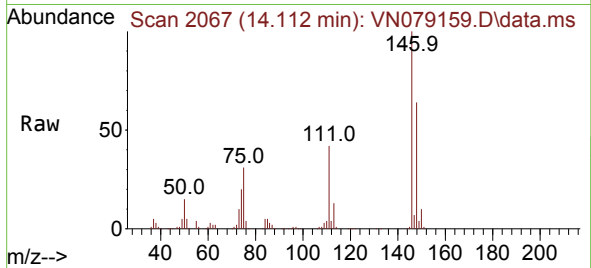




#91
1,2-Dichlorobenzene
Concen: 59.939 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

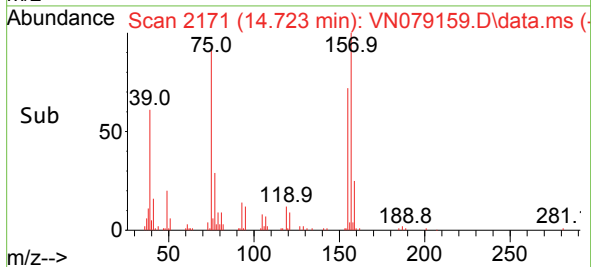
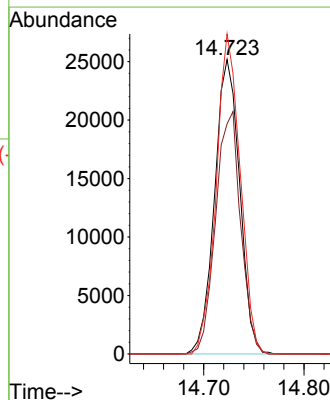
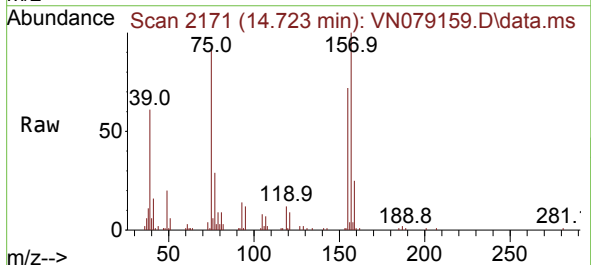
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

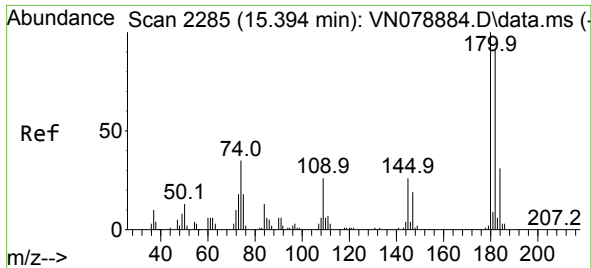
Tgt Ion:146 Resp: 295977
Ion Ratio Lower Upper
146 100
111 41.6 22.0 66.0
148 63.6 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 62.127 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079159.D
Acq: 02 Sep 2023 21:35

Tgt Ion: 75 Resp: 43780
Ion Ratio Lower Upper
75 100
155 82.0 39.1 117.2
157 103.8 50.3 150.9

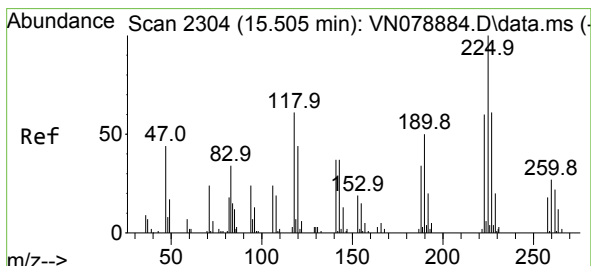
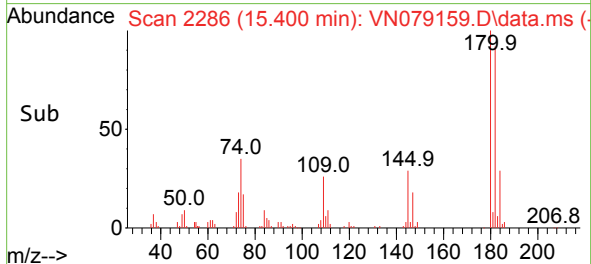
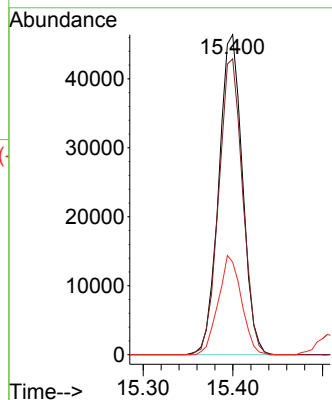
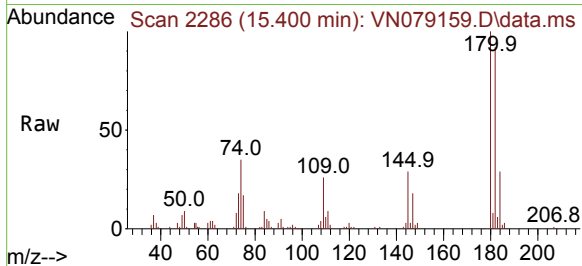




#93
 1,2,4-Trichlorobenzene
 Concen: 48.403 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079159.D
 Acq: 02 Sep 2023 21:35

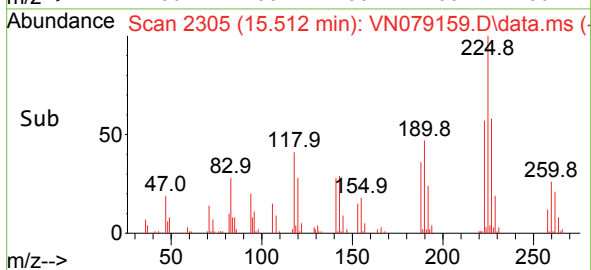
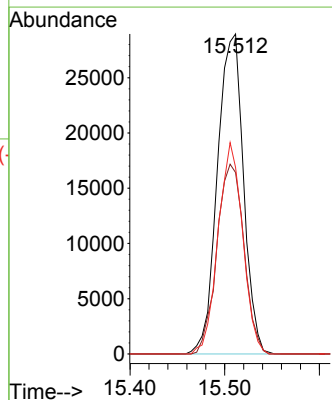
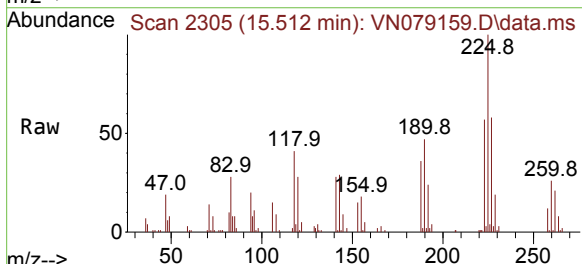
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 ClientSampleId :
 VSTDCCC050EC

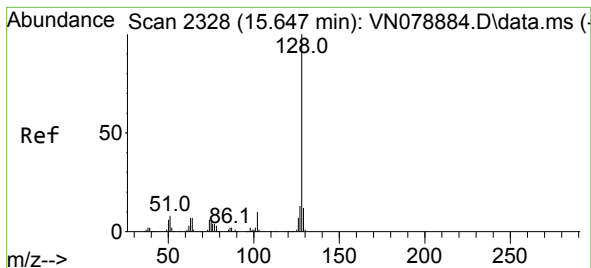
Tgt Ion:180 Resp: 84731
 Ion Ratio Lower Upper
 180 100
 182 93.3 46.1 138.2
 145 30.4 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 63.720 ug/l
 RT: 15.512 min Scan# 2305
 Delta R.T. 0.005 min
 Lab File: VN079159.D
 Acq: 02 Sep 2023 21:35

Tgt Ion:225 Resp: 55357
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.3 93.8
 227 62.3 31.9 95.9





#95

Naphthalene

Concen: 37.658 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

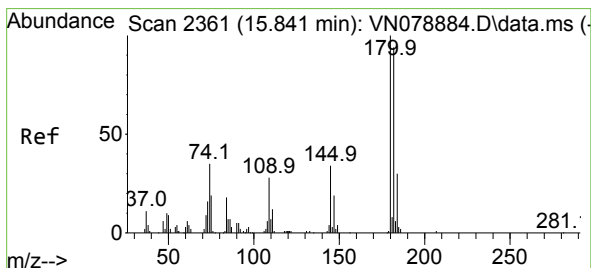
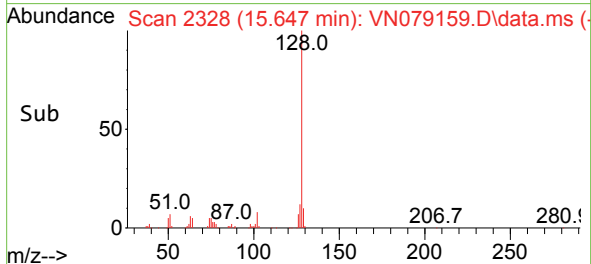
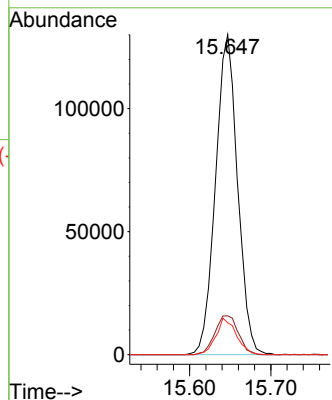
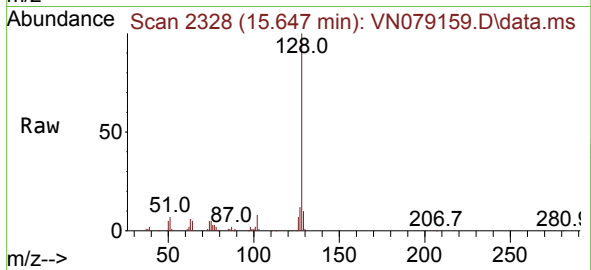
Tgt Ion:128 Resp: 245403

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 64.304 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079159.D

Acq: 02 Sep 2023 21:35

Tgt Ion:180 Resp: 123288

Ion Ratio Lower Upper

180 100

182 94.2 46.2 138.6

145 33.5 17.5 52.6

