

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078916.D
 Acq On : 16 Aug 2023 20:32
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 17 01:23:22 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	224510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	383356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	342216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152935	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156527	44.804	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.600%
35) Dibromofluoromethane	8.171	113	122860	47.610	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.220%
50) Toluene-d8	10.571	98	453327	47.311	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.853	95	156057	49.828	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.660%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.130	85	150649	48.360	ug/l	100
3) Chloromethane	2.365	50	173002	39.776	ug/l	98
4) Vinyl Chloride	2.512	62	167566	43.930	ug/l	99
5) Bromomethane	2.936	94	88850	40.571	ug/l	94
6) Chloroethane	3.112	64	103850	38.946	ug/l	99
7) Trichlorofluoromethane	3.495	101	228117	49.101	ug/l	97
8) Diethyl Ether	3.965	74	90403	51.328	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.371	101	116785	47.198	ug/l	97
10) Methyl Iodide	4.589	142	149911	54.150	ug/l	97
11) Tert butyl alcohol	5.530	59	138916	236.967	ug/l	98
12) 1,1-Dichloroethene	4.342	96	119507	49.582	ug/l	# 80
13) Acrolein	4.183	56	121238	Below Cal		95
14) Allyl chloride	5.024	41	239858	50.000	ug/l	# 87
15) Acrylonitrile	5.724	53	407043	256.305	ug/l	99
16) Acetone	4.430	43	348010	241.422	ug/l	92
17) Carbon Disulfide	4.712	76	308543	45.731	ug/l	99
18) Methyl Acetate	5.030	43	319489	52.465	ug/l	# 79
19) Methyl tert-butyl Ether	5.800	73	464804	53.534	ug/l	93
20) Methylene Chloride	5.277	84	145785	47.457	ug/l	# 78
21) trans-1,2-Dichloroethene	5.789	96	133261	49.305	ug/l	# 77
22) Diisopropyl ether	6.677	45	532445	52.465	ug/l	# 89
23) Vinyl Acetate	6.612	43	1744230	261.027	ug/l	# 85
24) 1,1-Dichloroethane	6.571	63	274200	49.458	ug/l	97
25) 2-Butanone	7.488	43	570267	246.750	ug/l	# 79
26) 2,2-Dichloropropane	7.494	77	176234	39.326	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	163471	49.761	ug/l	89
28) Bromochloromethane	7.812	49	153996	52.362	ug/l	# 75
29) Tetrahydrofuran	7.841	42	396628	259.282	ug/l	# 70
30) Chloroform	7.971	83	273690	49.413	ug/l	95
31) Cyclohexane	8.265	56	208108	47.641	ug/l	# 82
32) 1,1,1-Trichloroethane	8.171	97	242828	51.416	ug/l	96
36) 1,1-Dichloropropene	8.377	75	198070	51.025	ug/l	96
37) Ethyl Acetate	7.565	43	243971	56.173	ug/l	# 89
38) Carbon Tetrachloride	8.365	117	203624	52.352	ug/l	99
39) Methylcyclohexane	9.606	83	180020	50.424	ug/l	# 85
40) Benzene	8.612	78	598213	52.138	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	134553	56.883	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	228656	53.342	ug/l	98
43) Isopropyl Acetate	8.694	43	454328	59.184	ug/l #	83
44) Trichloroethene	9.359	130	148547	54.487	ug/l	95
45) 1,2-Dichloropropane	9.624	63	161687	52.929	ug/l	100
46) Dibromomethane	9.712	93	107741	51.421	ug/l	91
47) Bromodichloromethane	9.894	83	220719	53.347	ug/l	97
48) Methyl methacrylate	9.688	41	196519	56.493	ug/l #	75
49) 1,4-Dioxane	9.700	88	57450	969.598	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	1239577	272.256	ug/l #	85
52) Toluene	10.635	92	369332	52.429	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	236373	53.273	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	254383	52.642	ug/l #	85
55) 1,1,2-Trichloroethane	11.024	97	148600	52.610	ug/l	98
56) Ethyl methacrylate	10.876	69	256158	58.504	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	269617	53.367	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	550368	261.860	ug/l	90
59) 2-Hexanone	11.200	43	914163	277.210	ug/l	83
60) Dibromochloromethane	11.365	129	166414	55.988	ug/l	99
61) 1,2-Dibromoethane	11.471	107	154491	53.823	ug/l	98
64) Tetrachloroethene	11.106	164	110783	51.621	ug/l	95
65) Chlorobenzene	11.894	112	394152	54.108	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	150291	54.593	ug/l	98
67) Ethyl Benzene	11.971	91	691792	52.222	ug/l	98
68) m/p-Xylenes	12.076	106	510929	103.159	ug/l	96
69) o-Xylene	12.400	106	259429	53.846	ug/l	95
70) Styrene	12.418	104	433927	54.013	ug/l	97
71) Bromoform	12.582	173	120520	60.218	ug/l #	98
73) Isopropylbenzene	12.700	105	636077	49.880	ug/l	98
74) N-amyl acetate	12.500	43	346576	53.843	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	235446	51.135	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	289114	78.457	ug/l	65
77) Bromobenzene	12.988	156	160867	52.482	ug/l	99
78) n-propylbenzene	13.041	91	732545	49.539	ug/l	99
79) 2-Chlorotoluene	13.129	91	463882	50.572	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	513590	50.823	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	71832	49.797	ug/l #	75
82) 4-Chlorotoluene	13.223	91	445710	49.660	ug/l	99
83) tert-Butylbenzene	13.441	119	455379	53.633	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	516555	51.623	ug/l	98
85) sec-Butylbenzene	13.617	105	597643	51.147	ug/l	98
86) p-Isopropyltoluene	13.735	119	488933	52.372	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	271289	51.435	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	273478	51.803	ug/l	98
89) n-Butylbenzene	14.059	91	408083	53.116	ug/l	99
90) Hexachloroethane	14.335	117	96873	51.765	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	272240	51.902	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	45594	60.818	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	118005	63.462	ug/l	97
94) Hexachlorobutadiene	15.506	225	56273	60.251	ug/l	100
95) Naphthalene	15.647	128	423213	59.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	123147	60.468	ug/l	99

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

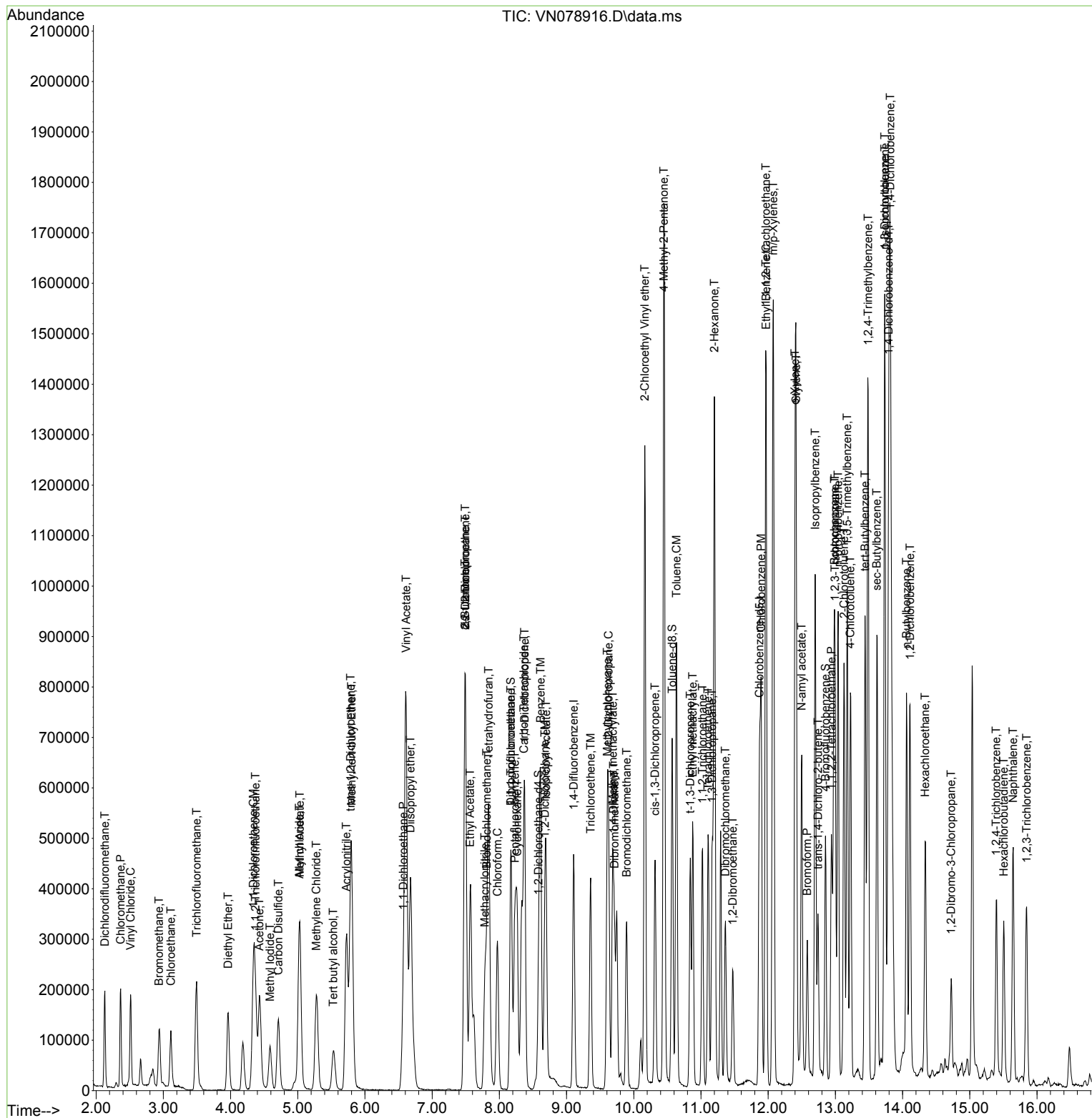
Quant Time: Aug 17 01:23:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

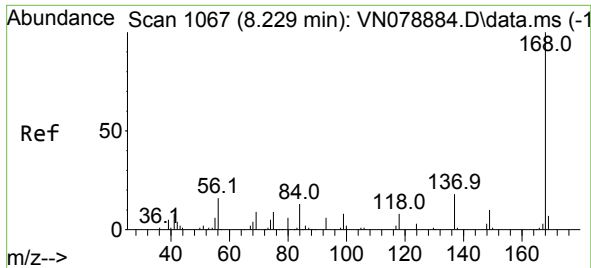
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
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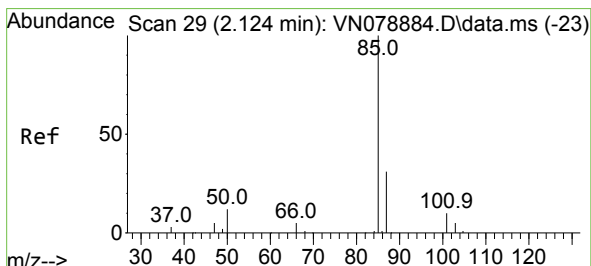
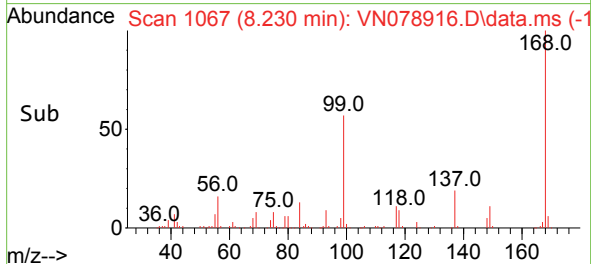
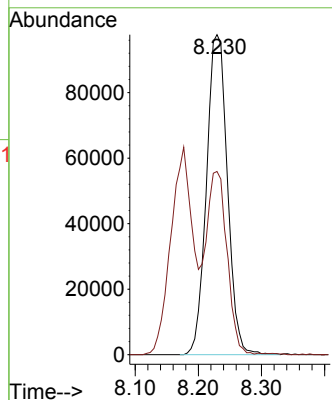
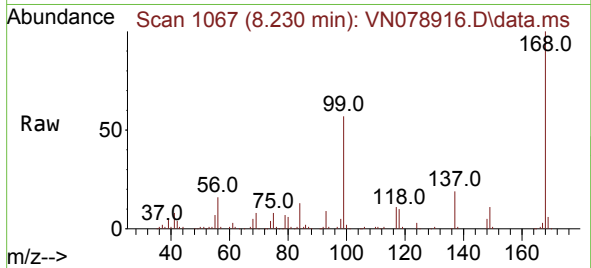




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN078916.D
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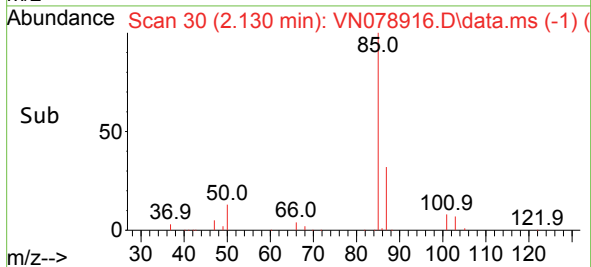
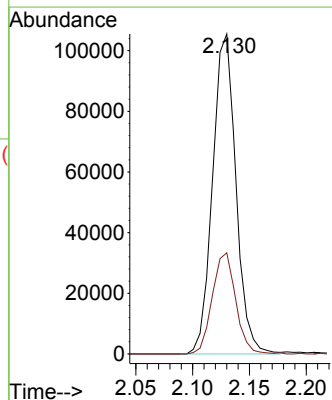
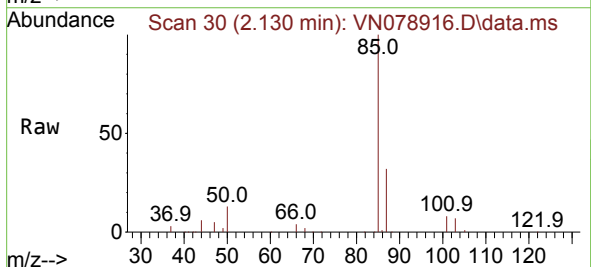
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

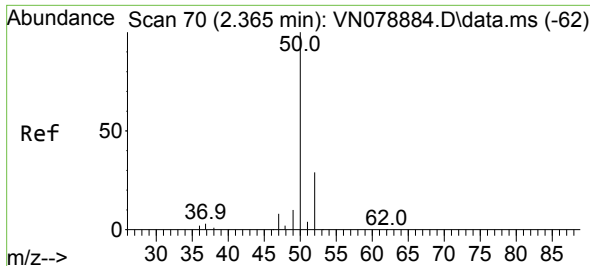
Tgt Ion:168 Resp: 224510
Ion Ratio Lower Upper
168 100
99 57.1 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 48.360 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 85 Resp: 150649
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4

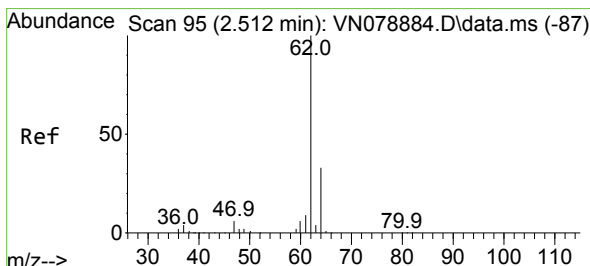
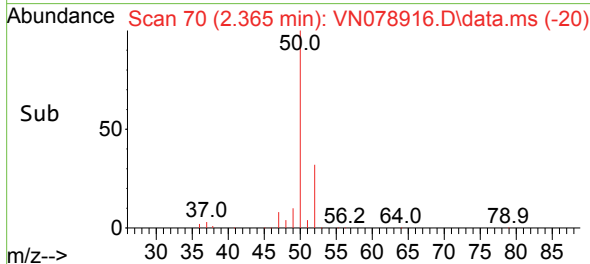
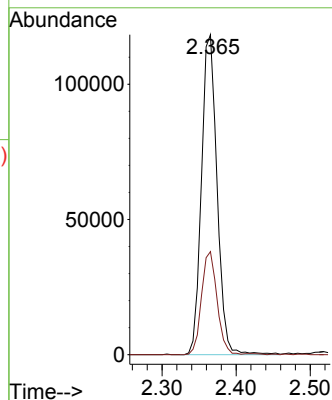
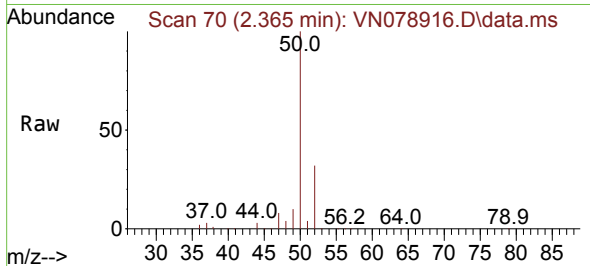




#3
Chloromethane
Concen: 39.776 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

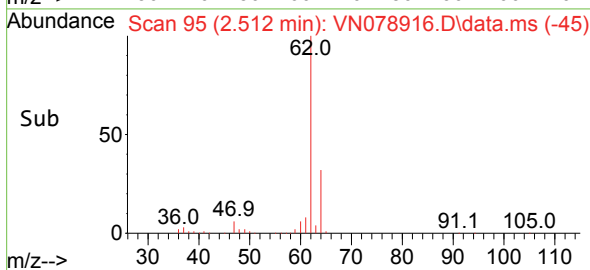
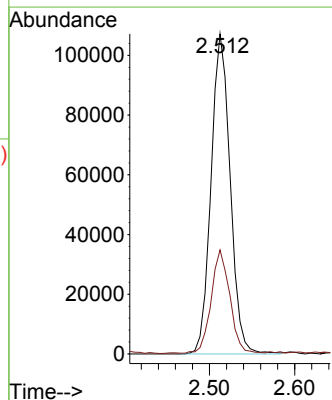
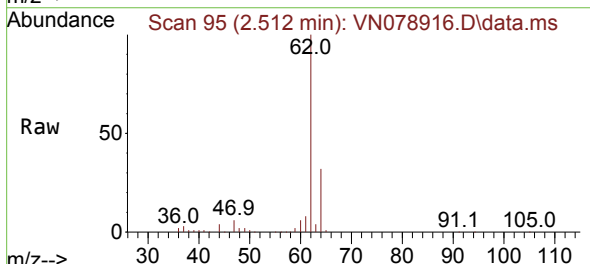
Instrument :
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ClientSampleId :
VSTDCCC050EC

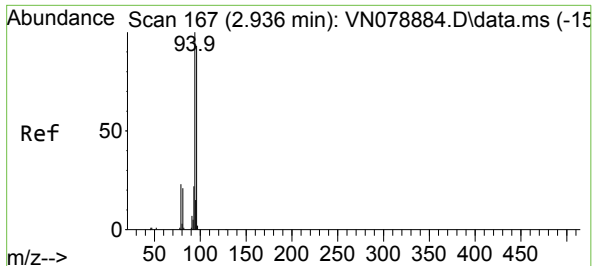
Tgt Ion: 50 Resp: 173002
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7



#4
Vinyl Chloride
Concen: 43.930 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 62 Resp: 167566
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2

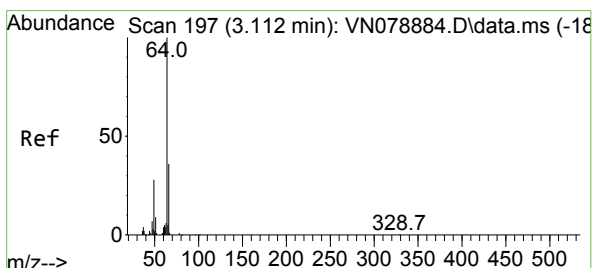
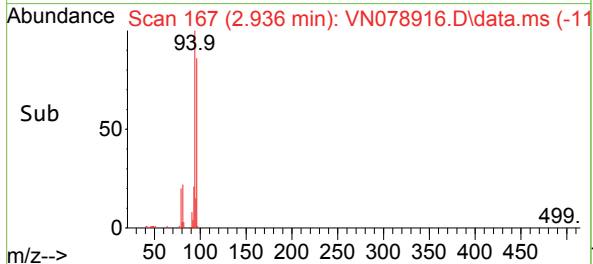
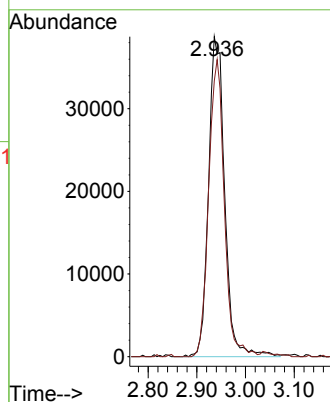
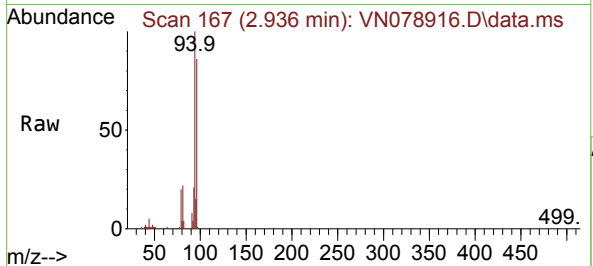




#5
Bromomethane
Concen: 40.571 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

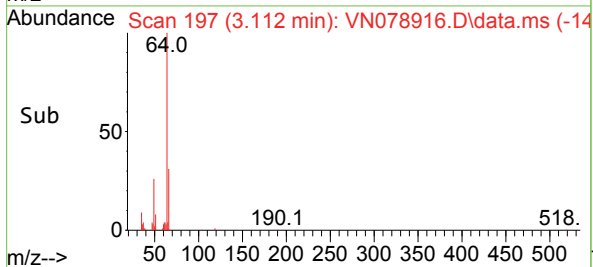
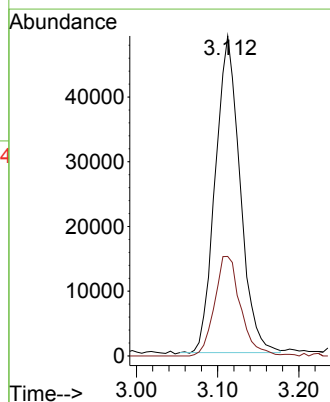
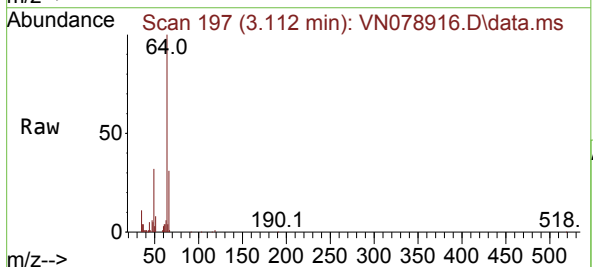
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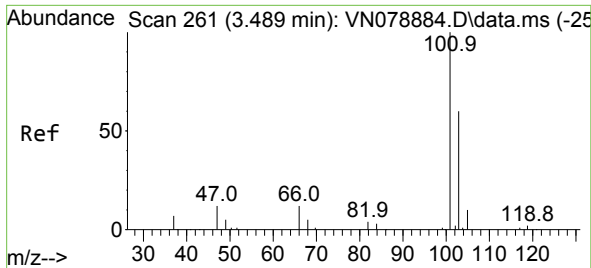
Tgt Ion: 94 Resp: 88850
Ion Ratio Lower Upper
94 100
96 86.1 73.1 109.7



#6
Chloroethane
Concen: 38.946 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 64 Resp: 103850
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.2

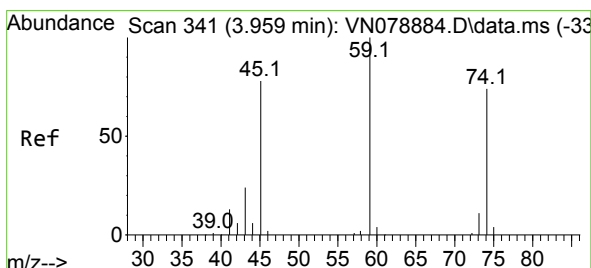
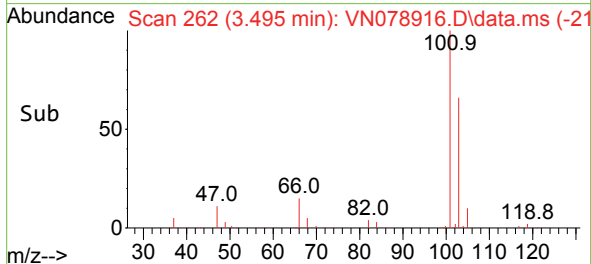
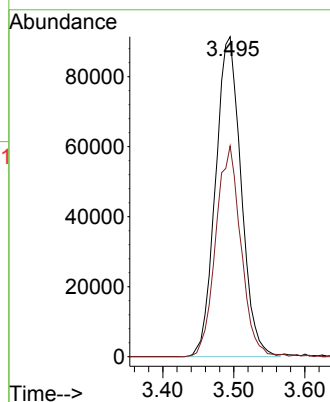
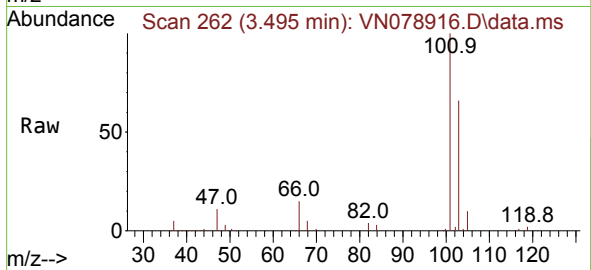




#7
 Trichlorofluoromethane
 Concen: 49.101 ug/l
 RT: 3.495 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN078916.D
 Acq: 16 Aug 2023 20:32

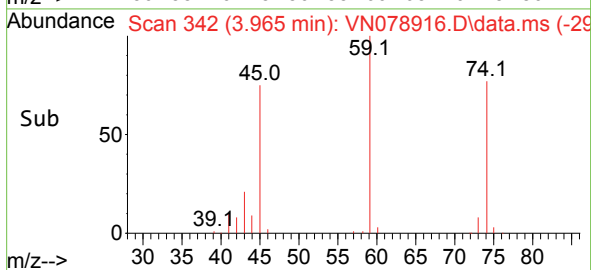
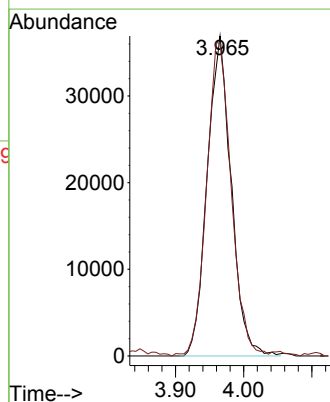
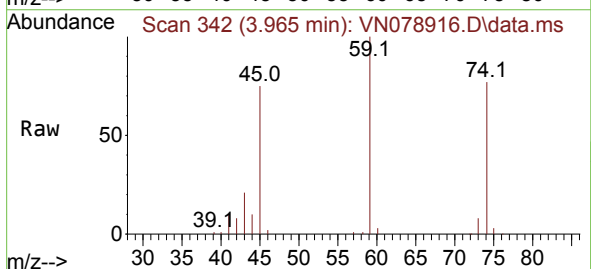
Instrument :
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 ClientSampleId :
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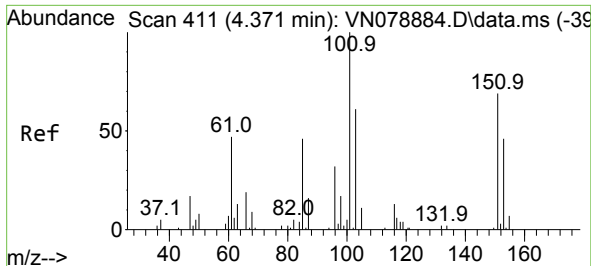
Tgt Ion:101 Resp: 228117
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.7 76.1



#8
 Diethyl Ether
 Concen: 51.328 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN078916.D
 Acq: 16 Aug 2023 20:32

Tgt Ion: 74 Resp: 90403
 Ion Ratio Lower Upper
 74 100
 45 100.9 34.4 103.3

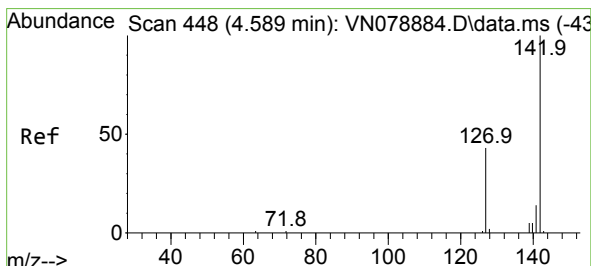
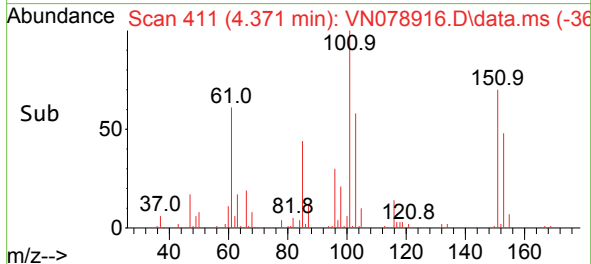
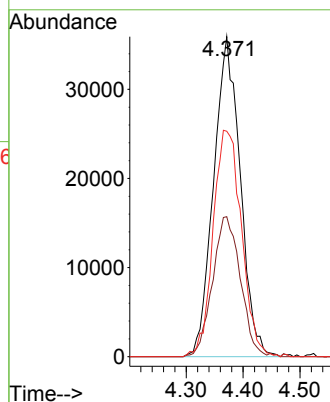
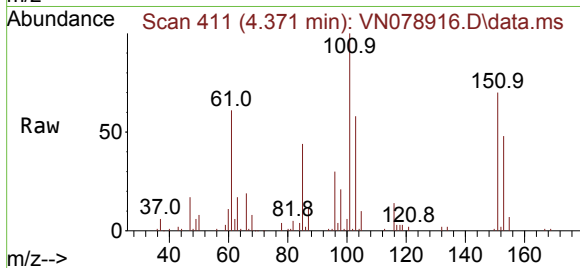




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.198 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

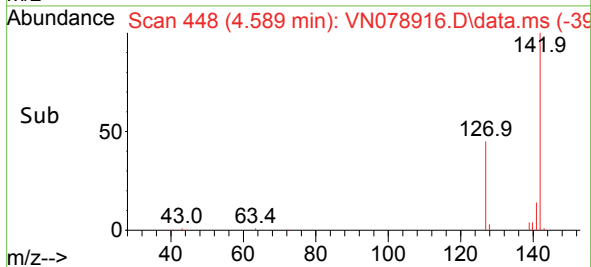
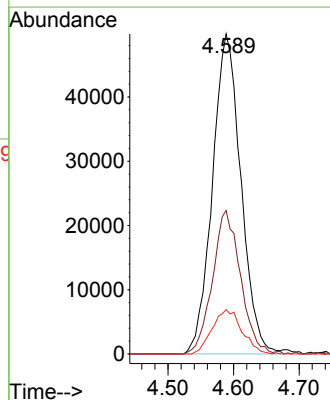
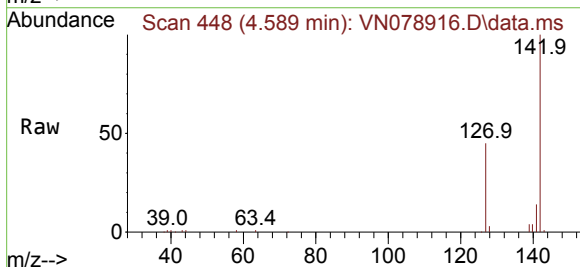
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

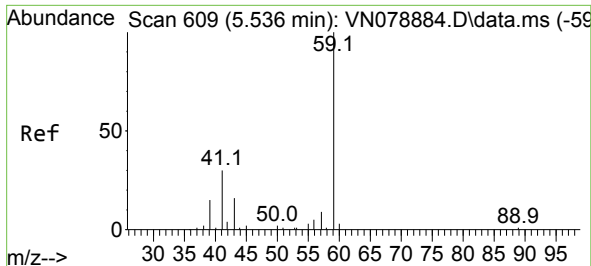
Tgt Ion:101 Resp: 116785
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 75.3 57.6 86.4



#10
Methyl Iodide
Concen: 54.150 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion:142 Resp: 149911
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 13.8 11.4 17.0

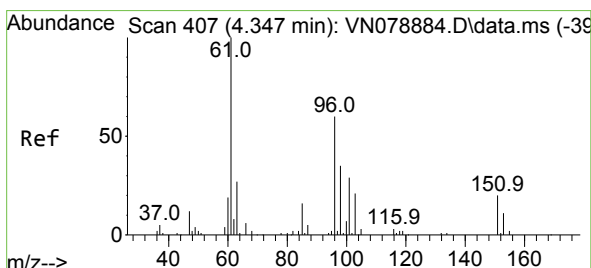
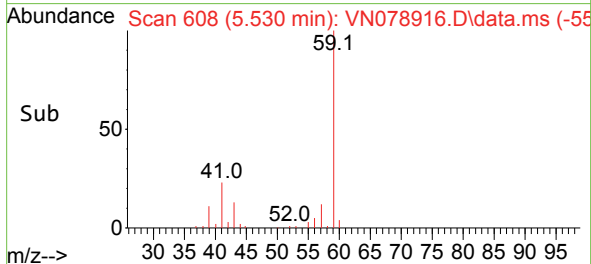
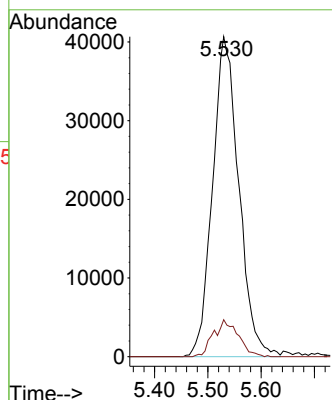
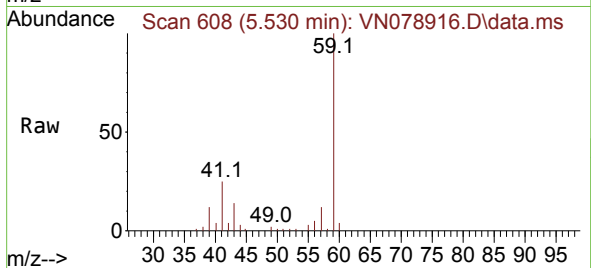




#11
Tert butyl alcohol
Concen: 236.967 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

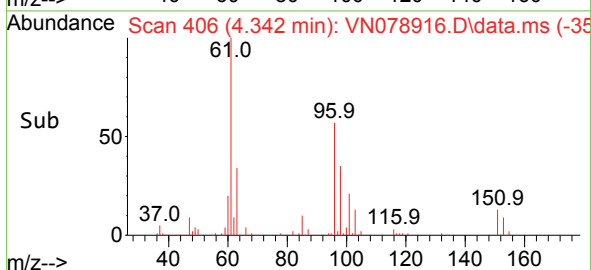
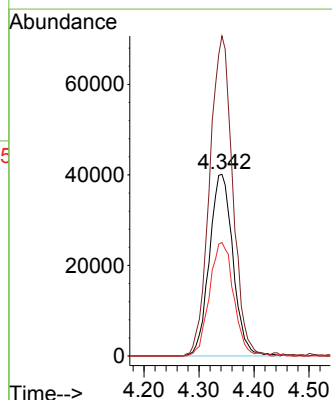
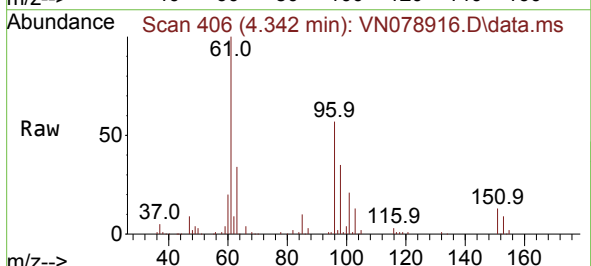
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

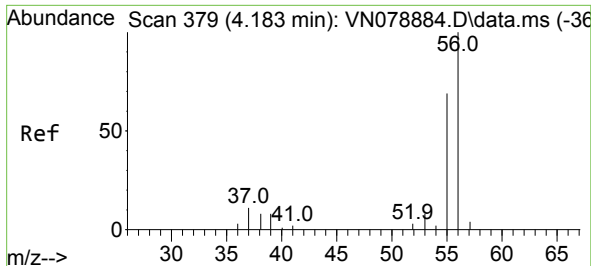
Tgt Ion: 59 Resp: 138916
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.582 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 96 Resp: 119507
Ion Ratio Lower Upper
96 100
61 176.1 112.7 169.1#
98 62.4 51.2 76.8

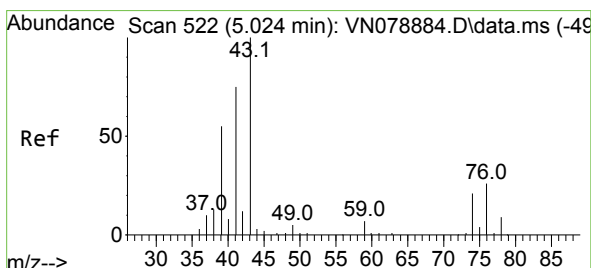
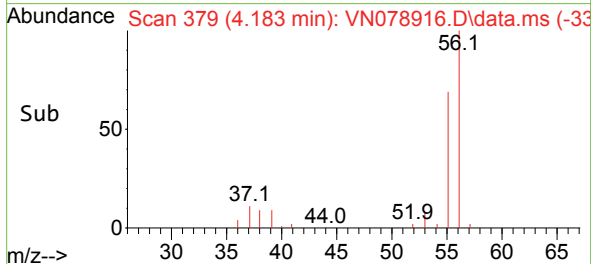
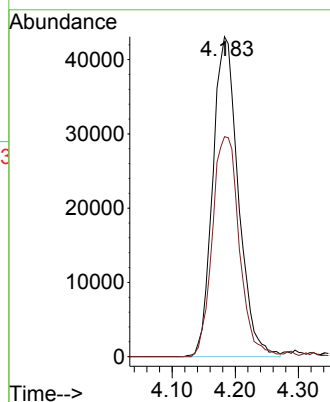
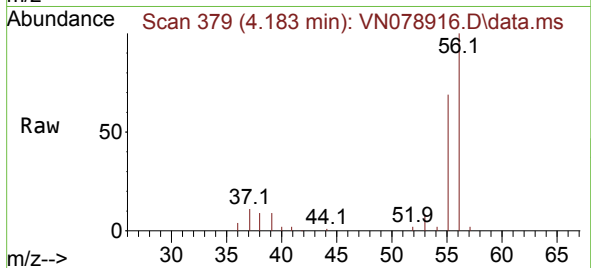




#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 313
Delta R.T. -0.012 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

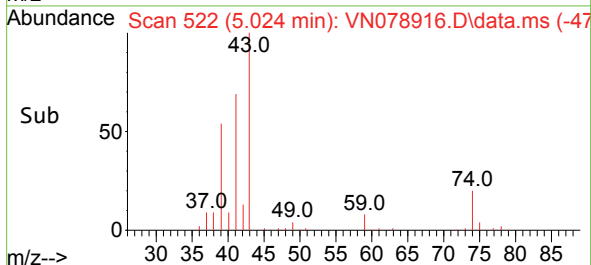
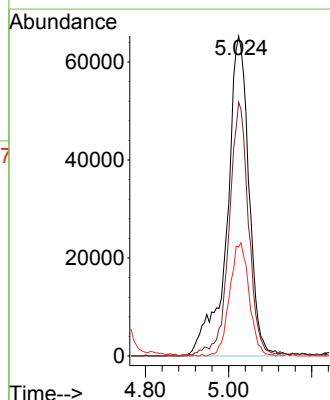
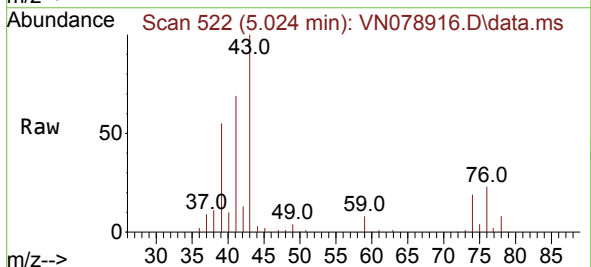
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

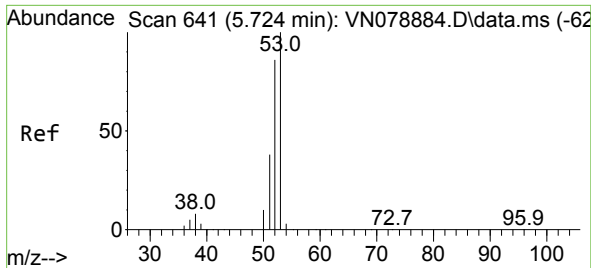
Tgt Ion: 56 Resp: 121238
Ion Ratio Lower Upper
56 100
55 72.4 54.5 81.7



#14
Allyl chloride
Concen: 50.000 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 41 Resp: 239858
Ion Ratio Lower Upper
41 100
39 70.4 58.8 88.2
76 31.3 39.1 58.7#



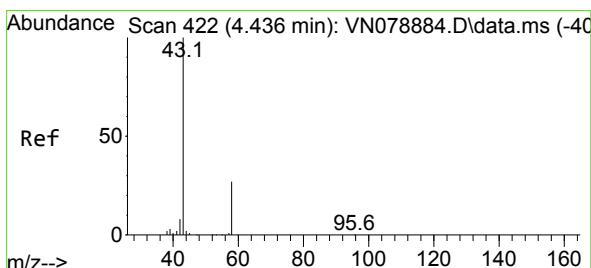
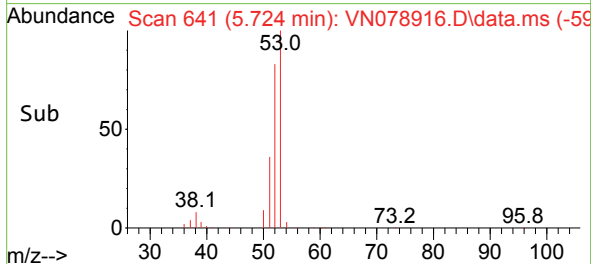
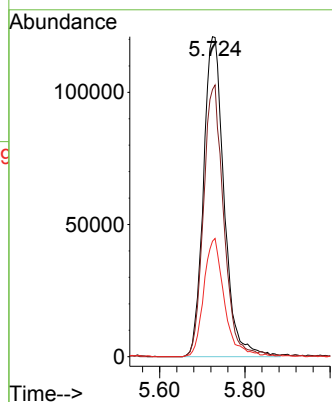
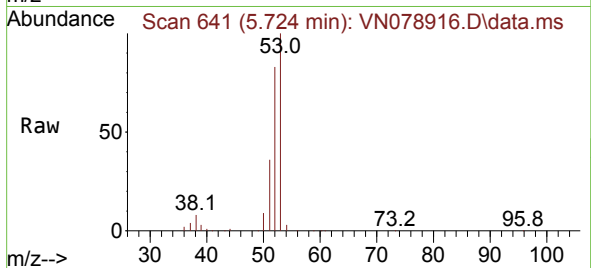


#15
 Acrylonitrile
 Concen: 256.305 ug/l
 RT: 5.724 min Scan# 641
 Delta R.T. -0.006 min
 Lab File: VN078916.D
 Acq: 16 Aug 2023 20:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 53 Resp: 407043

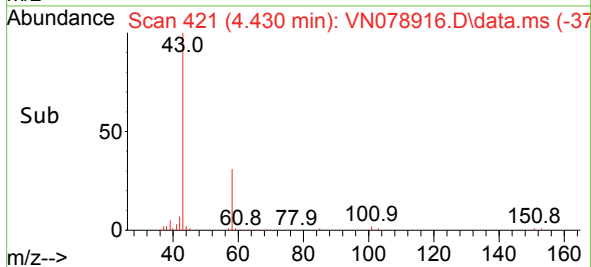
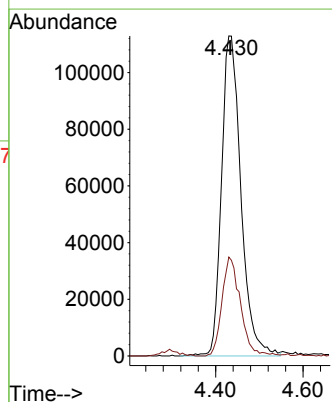
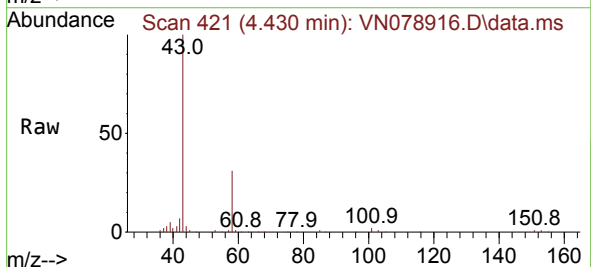
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.3	97.9
51	36.7	28.9	43.3

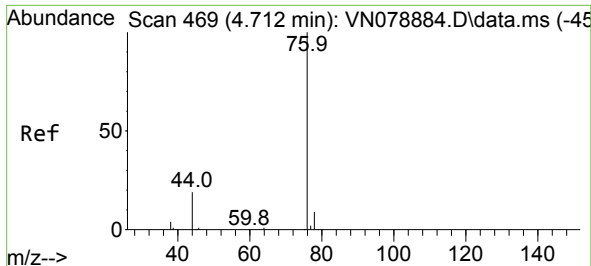


#16
 Acetone
 Concen: 241.422 ug/l
 RT: 4.430 min Scan# 421
 Delta R.T. -0.012 min
 Lab File: VN078916.D
 Acq: 16 Aug 2023 20:32

Tgt Ion: 43 Resp: 348010

Ion	Ratio	Lower	Upper
43	100		
58	30.6	28.0	42.0

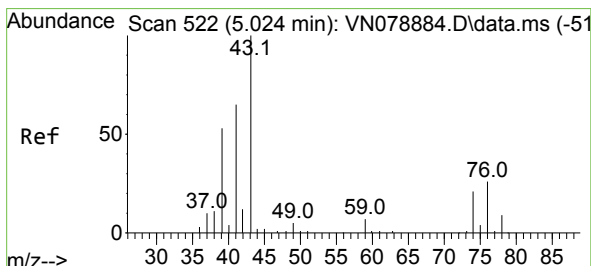
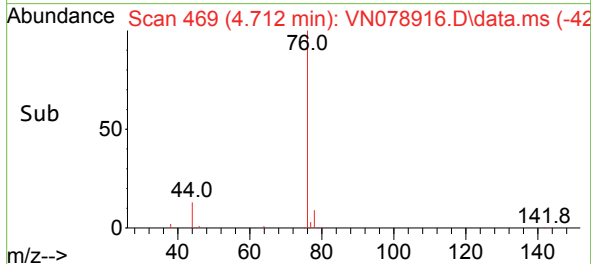
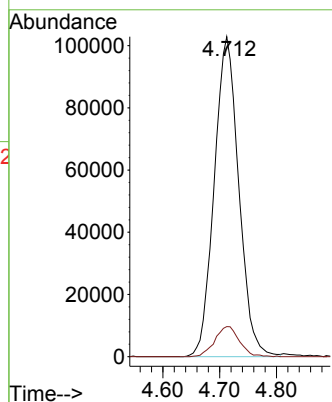
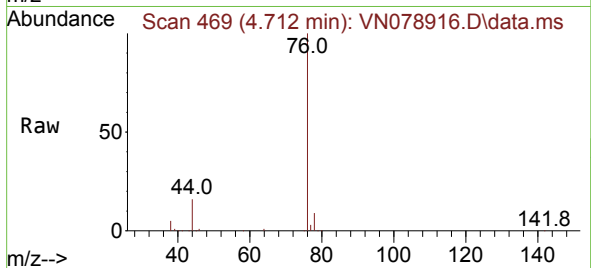




#17
Carbon Disulfide
Concen: 45.731 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

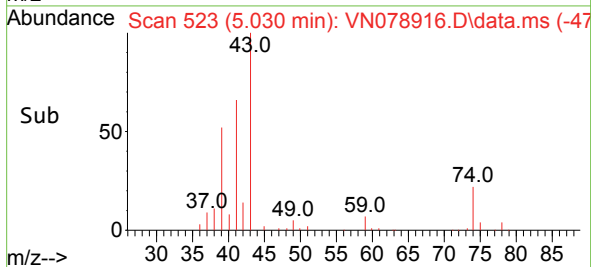
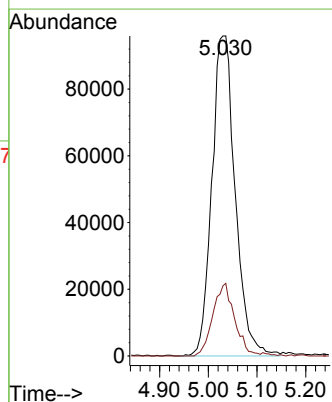
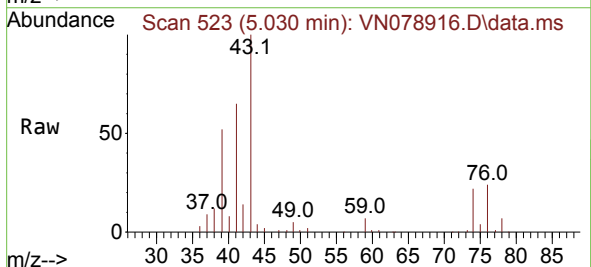
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

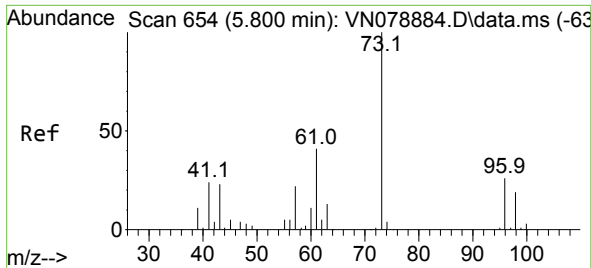
Tgt Ion: 76 Resp: 308543
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 52.465 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 43 Resp: 319489
Ion Ratio Lower Upper
43 100
74 21.1 26.2 39.4#

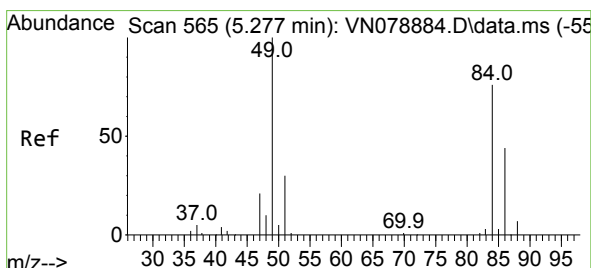
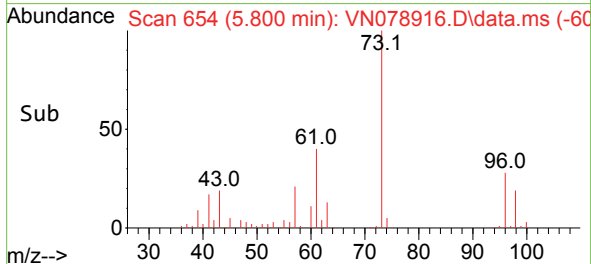
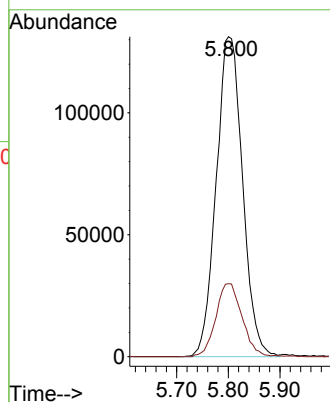
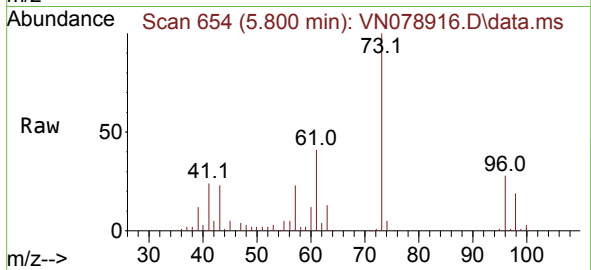




#19
Methyl tert-butyl Ether
Concen: 53.534 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

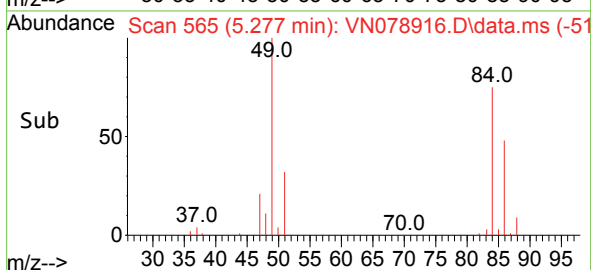
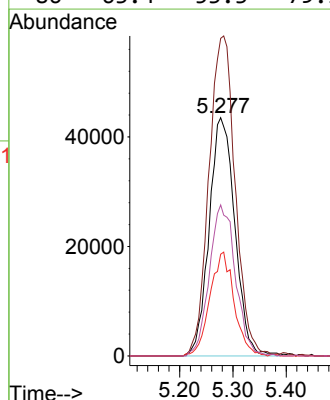
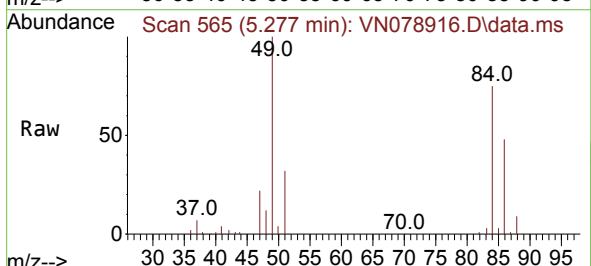
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

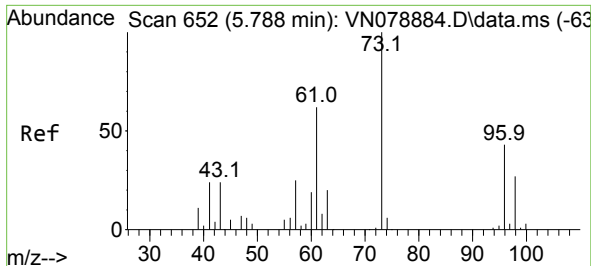
Tgt Ion: 73 Resp: 464804
Ion Ratio Lower Upper
73 100
57 22.8 15.6 23.4



#20
Methylene Chloride
Concen: 47.457 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 84 Resp: 145785
Ion Ratio Lower Upper
84 100
49 133.3 79.7 119.5#
51 42.7 25.2 37.8#
86 63.4 53.3 79.9

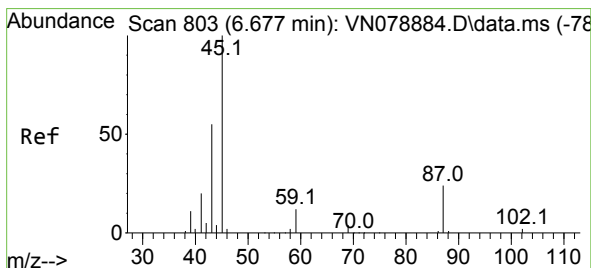
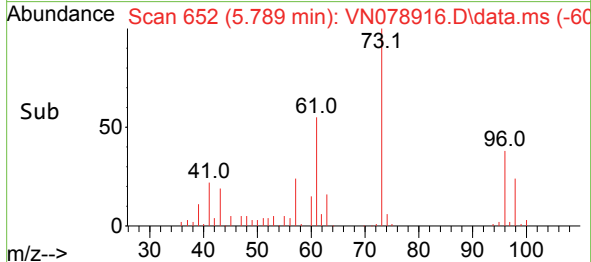
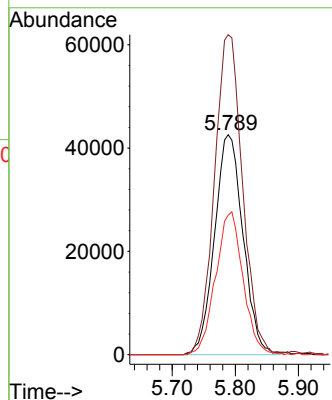
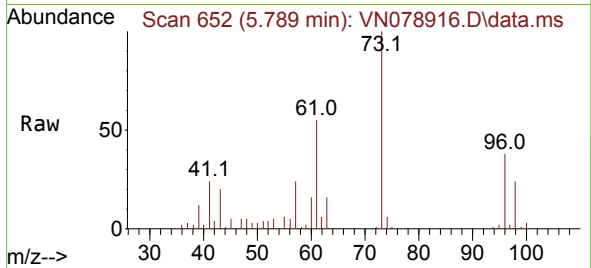




#21
trans-1,2-Dichloroethene
Concen: 49.305 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

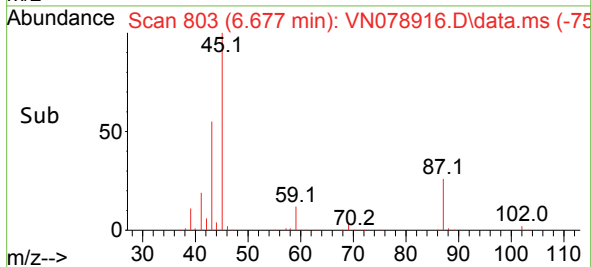
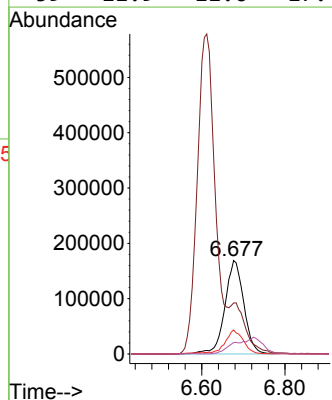
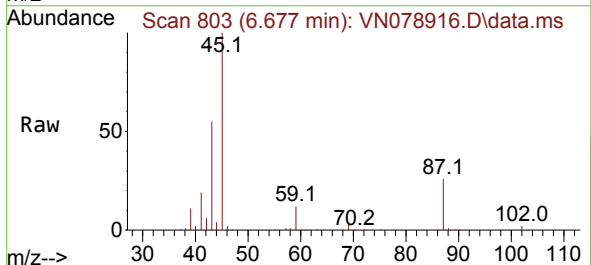
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

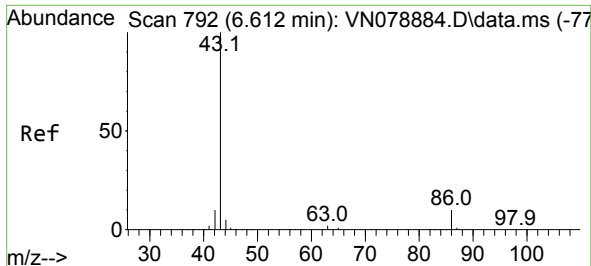
Tgt Ion: 96 Resp: 133261
Ion Ratio Lower Upper
96 100
61 145.4 90.1 135.1#
98 63.4 46.4 69.6



#22
Diisopropyl ether
Concen: 52.465 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 45 Resp: 532445
Ion Ratio Lower Upper
45 100
43 54.1 45.5 68.3
87 25.5 31.8 47.8#
59 11.9 11.6 17.4

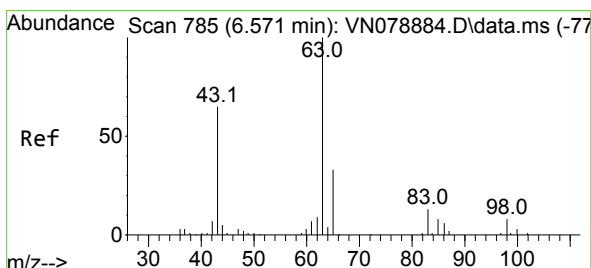
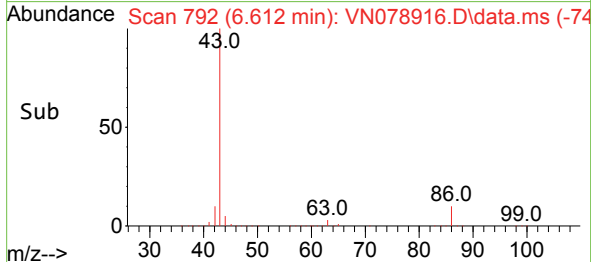
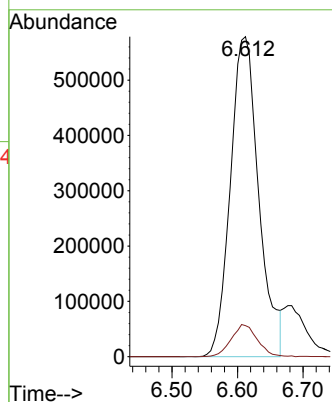
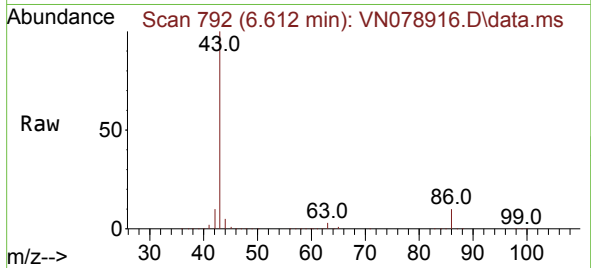




#23
 Vinyl Acetate
 Concen: 261.027 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078916.D
 Acq: 16 Aug 2023 20:32

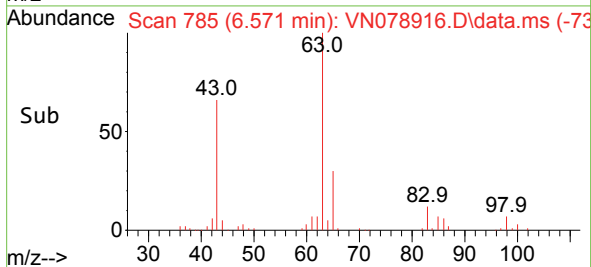
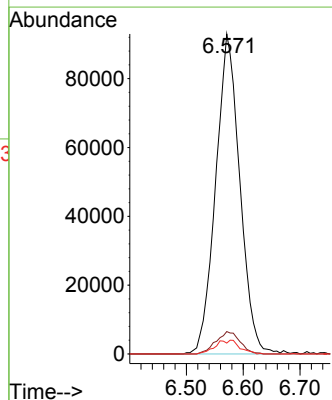
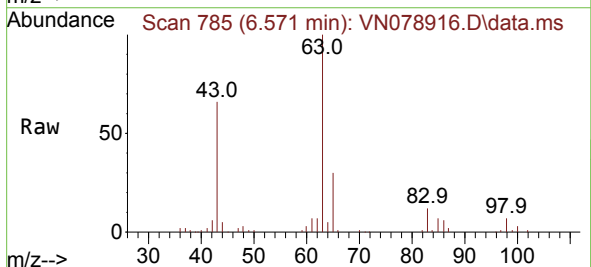
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

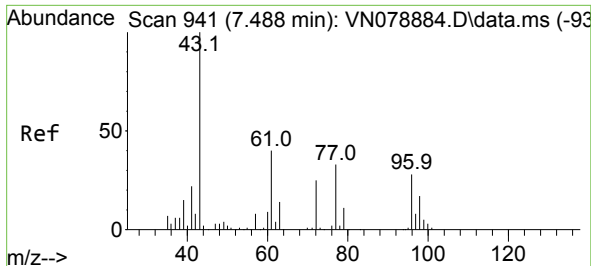
Tgt Ion: 43 Resp: 1744230
 Ion Ratio Lower Upper
 43 100
 86 9.7 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 49.458 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078916.D
 Acq: 16 Aug 2023 20:32

Tgt Ion: 63 Resp: 274200
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 3.4 2.5 7.4

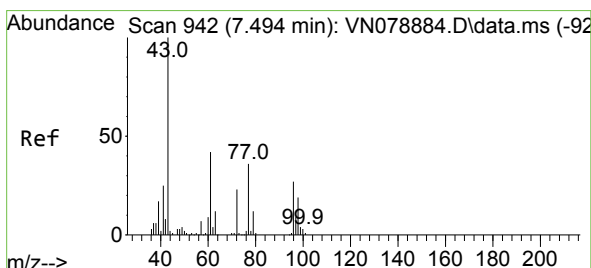
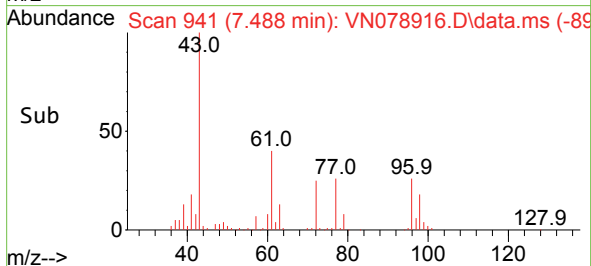
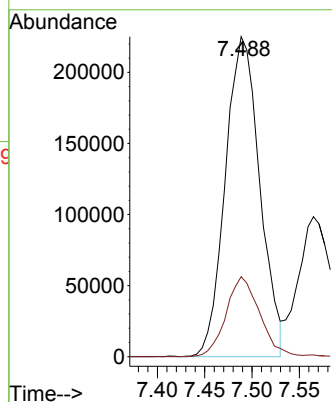
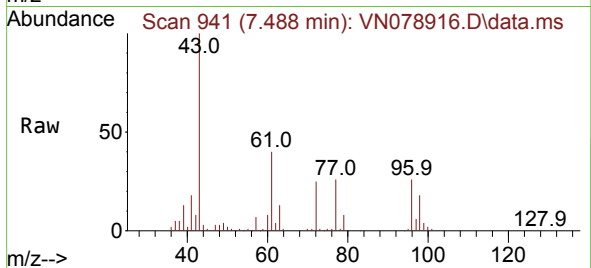




#25
2-Butanone
Concen: 246.750 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

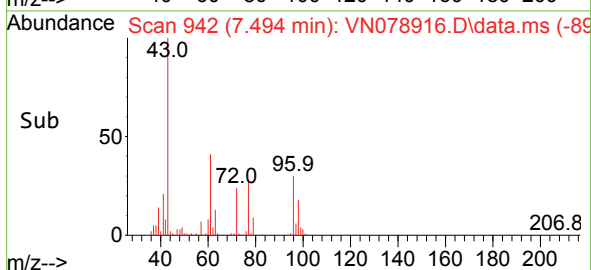
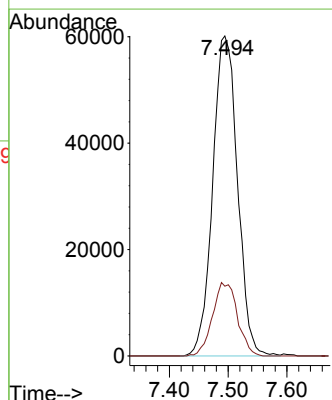
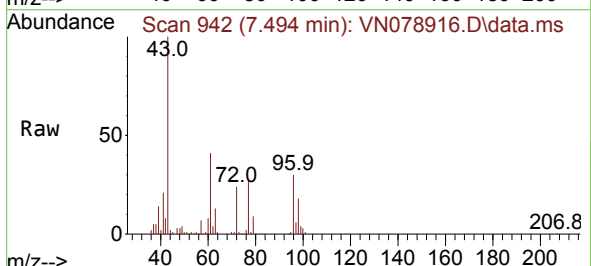
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

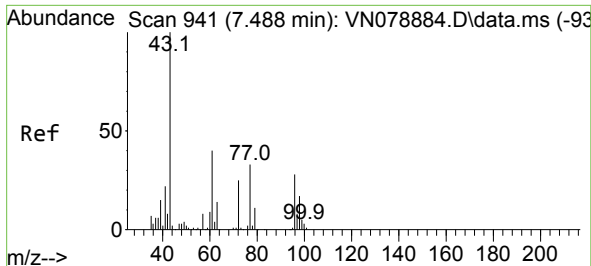
Tgt Ion: 43 Resp: 570267
Ion Ratio Lower Upper
43 100
72 25.0 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 39.326 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 77 Resp: 176234
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6

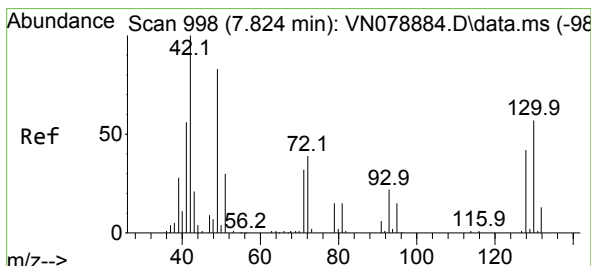
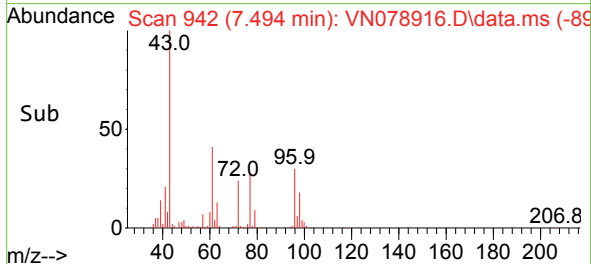
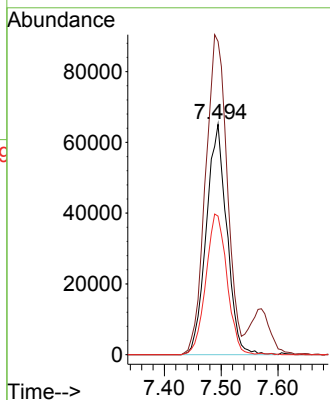
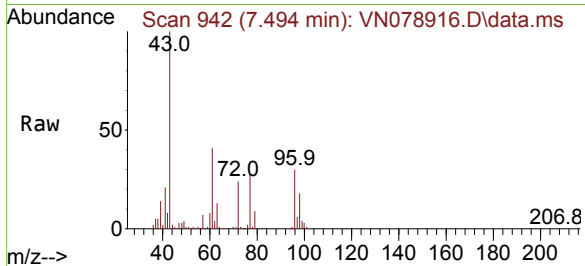




#27
 cis-1,2-Dichloroethene
 Concen: 49.761 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN078916.D
 Acq: 16 Aug 2023 20:32

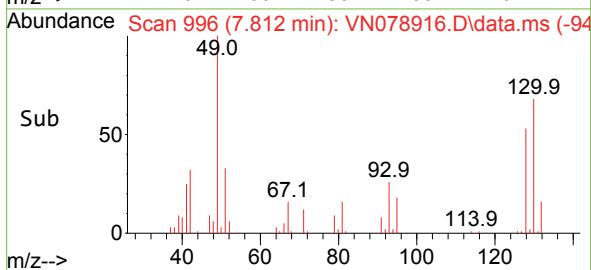
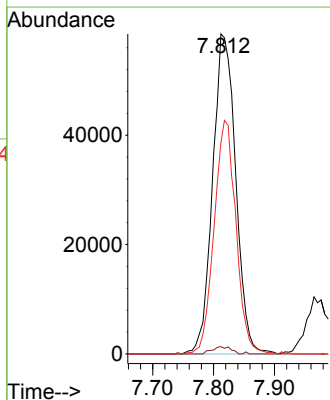
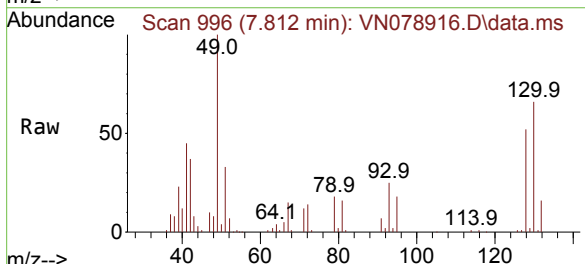
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

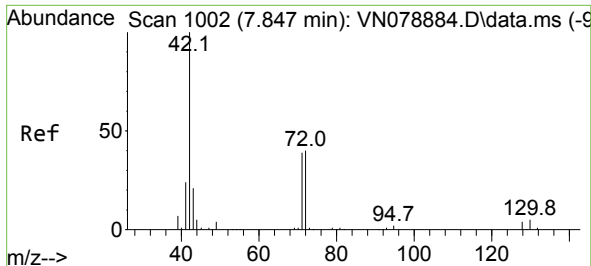
Tgt Ion: 96 Resp: 163471
 Ion Ratio Lower Upper
 96 100
 61 145.5 0.0 255.2
 98 62.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 52.362 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.012 min
 Lab File: VN078916.D
 Acq: 16 Aug 2023 20:32

Tgt Ion: 49 Resp: 153996
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 69.1 75.3 112.9#





#29

Tetrahydrofuran

Concen: 259.282 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN078916.D

Acq: 16 Aug 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

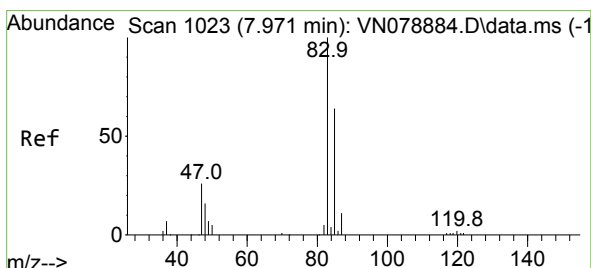
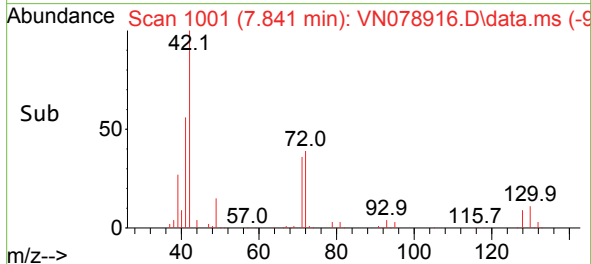
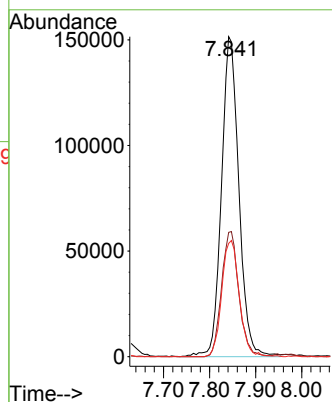
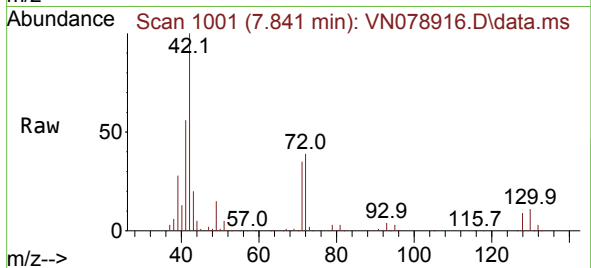
Tgt Ion: 42 Resp: 396628

Ion Ratio Lower Upper

42 100

72 38.6 49.8 74.6#

71 36.7 47.4 71.2#



#30

Chloroform

Concen: 49.413 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078916.D

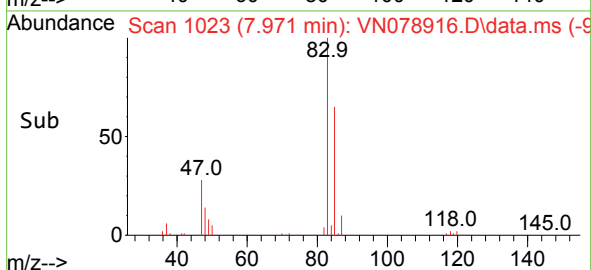
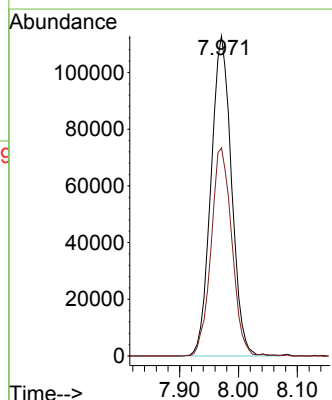
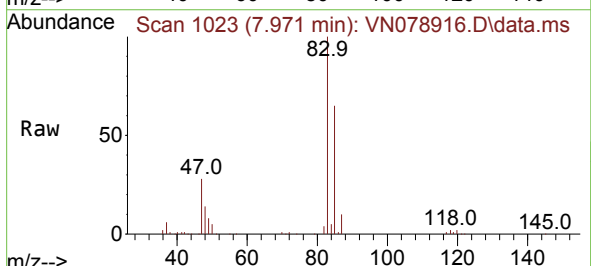
Acq: 16 Aug 2023 20:32

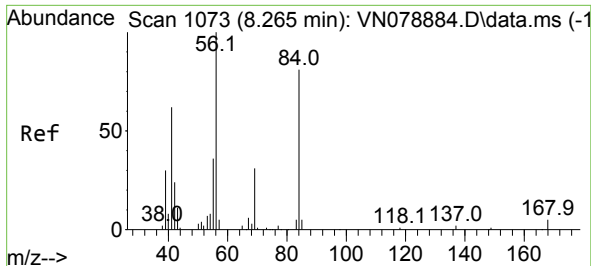
Tgt Ion: 83 Resp: 273690

Ion Ratio Lower Upper

83 100

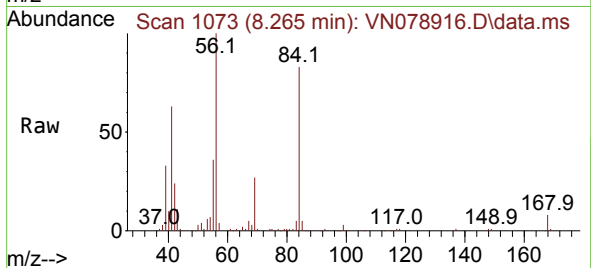
85 65.1 55.4 83.0



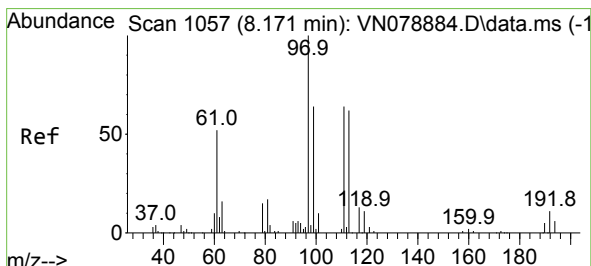
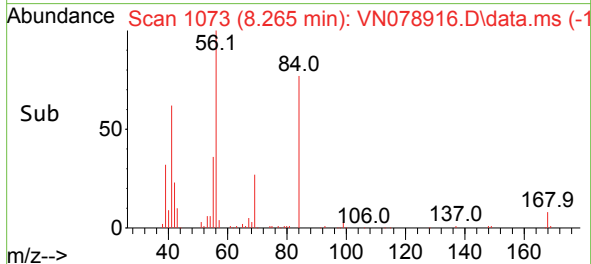
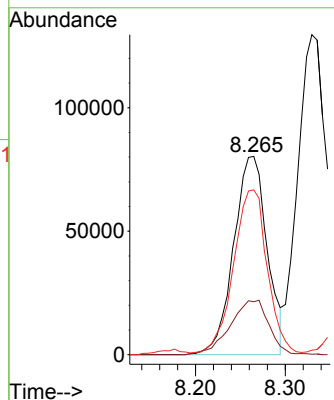


#31
Cyclohexane
Concen: 47.641 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

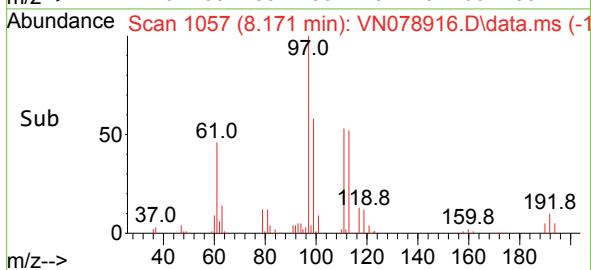
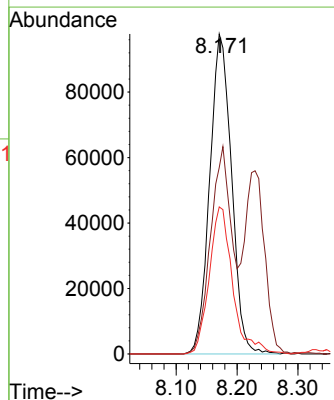
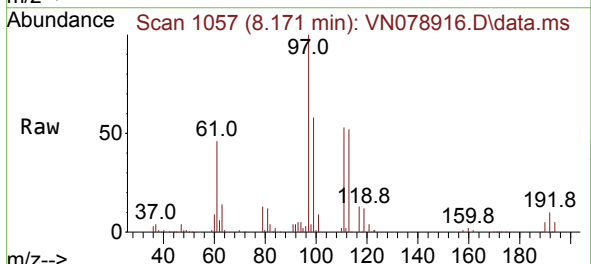


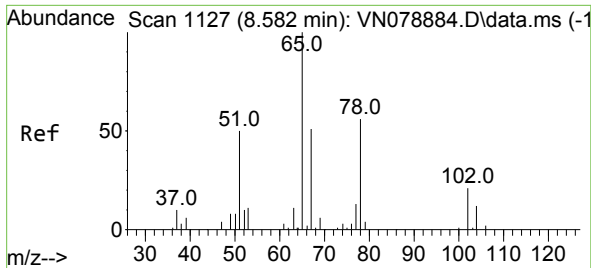
Tgt Ion: 56 Resp: 208108
Ion Ratio Lower Upper
56 100
69 26.7 26.8 40.2#
84 81.6 81.8 122.6#



#32
1,1,1-Trichloroethane
Concen: 51.416 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 97 Resp: 242828
Ion Ratio Lower Upper
97 100
99 62.9 50.3 75.5
61 49.4 34.7 52.1

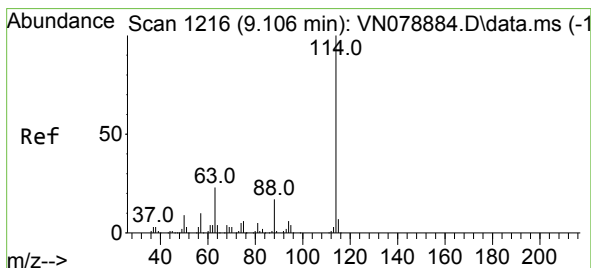
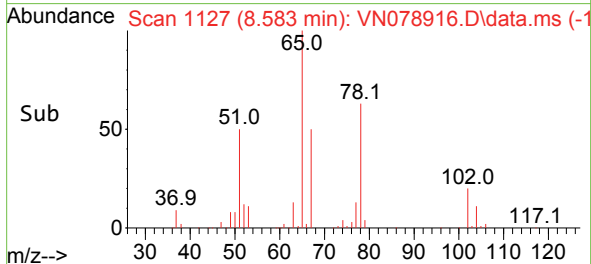
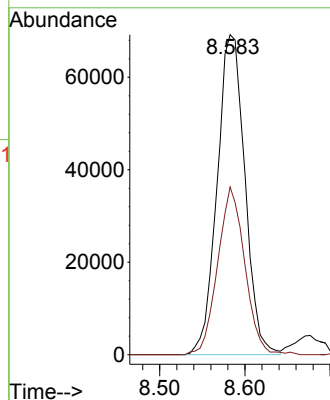
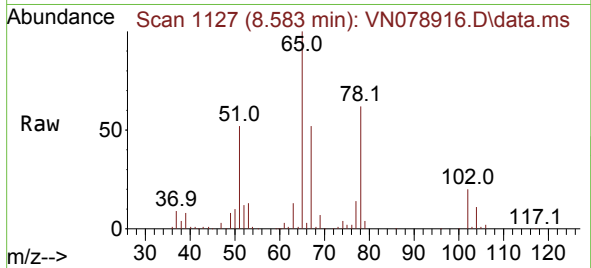




#33
1,2-Dichloroethane-d4
Concen: 44.804 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

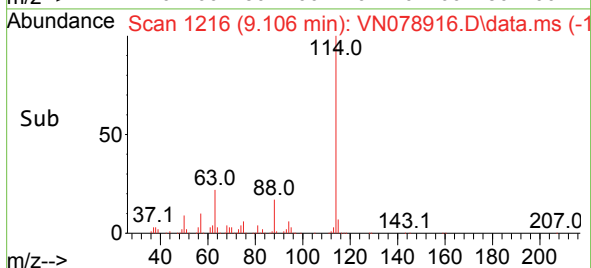
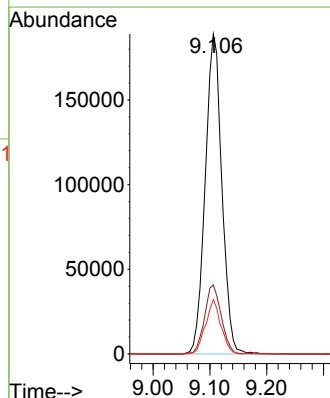
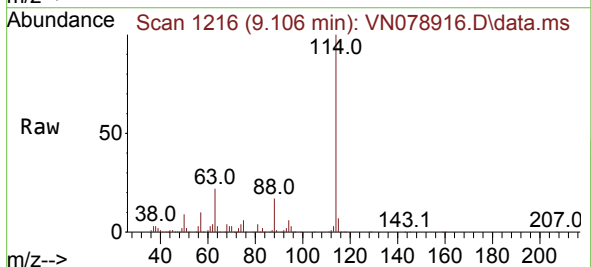
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

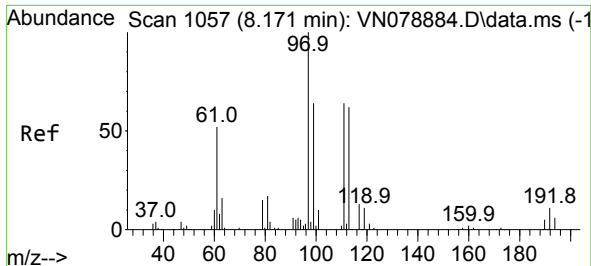
Tgt Ion: 65 Resp: 156527
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 114 Resp: 383356
Ion Ratio Lower Upper
114 100
63 21.6 0.0 36.4
88 17.0 0.0 30.6

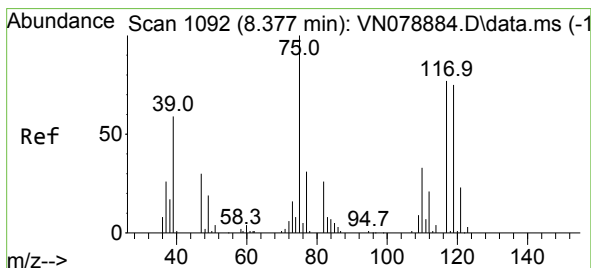
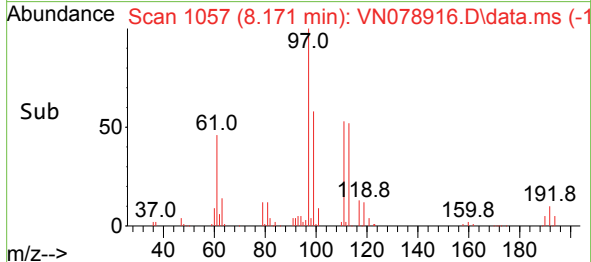
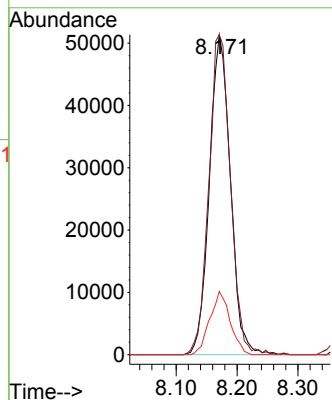
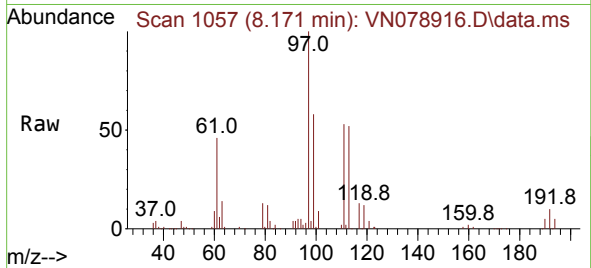




#35
Dibromofluoromethane
Concen: 47.610 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

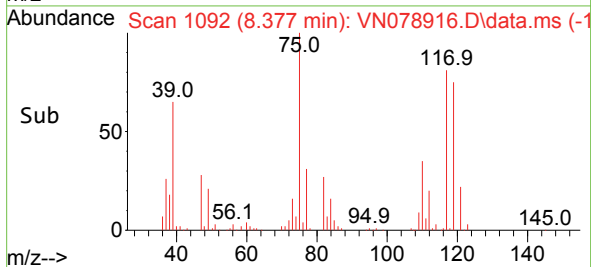
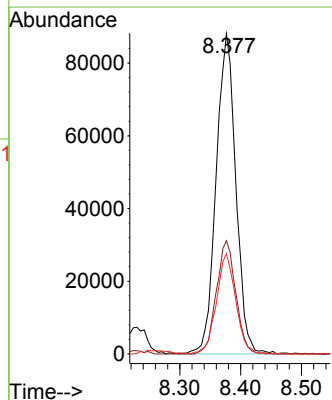
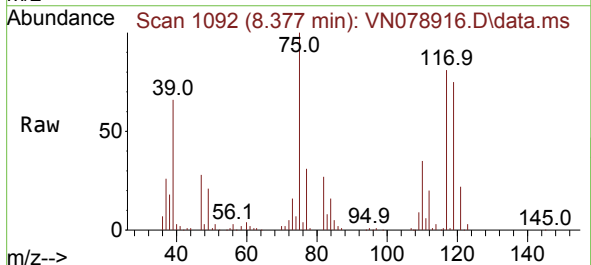
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

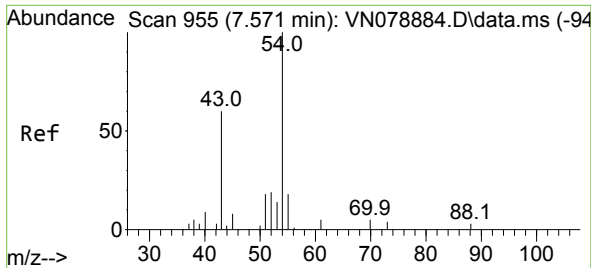
Tgt Ion:113 Resp: 122860
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 19.2 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 51.025 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 75 Resp: 198070
Ion Ratio Lower Upper
75 100
110 34.7 19.1 57.3
77 30.7 25.0 37.4

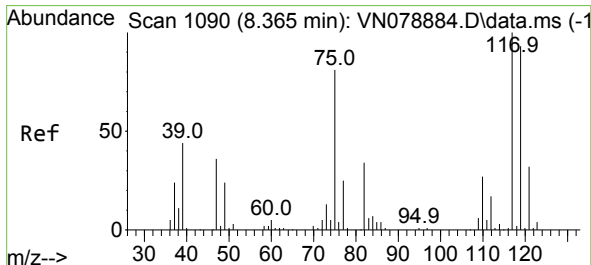
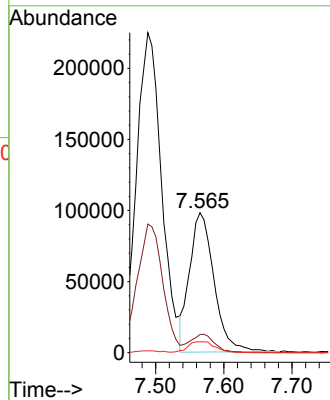
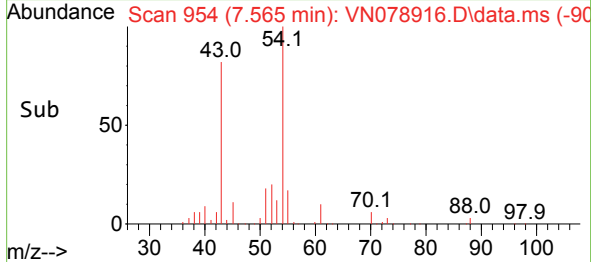
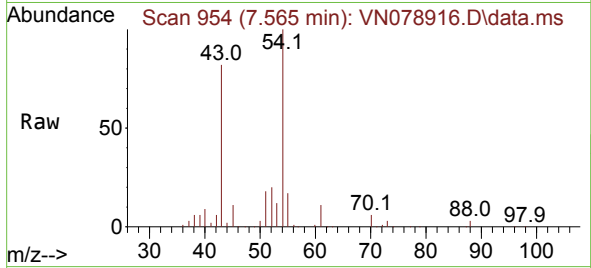




#37
Ethyl Acetate
Concen: 56.173 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

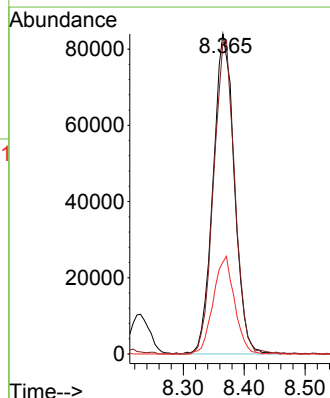
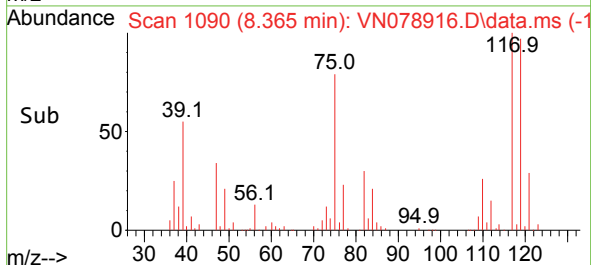
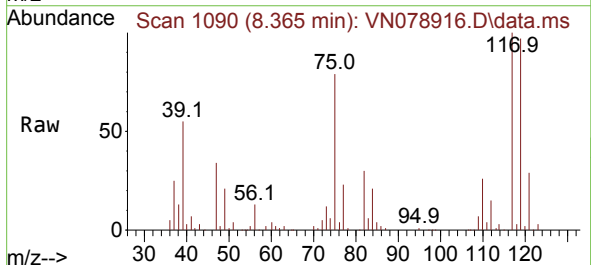
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

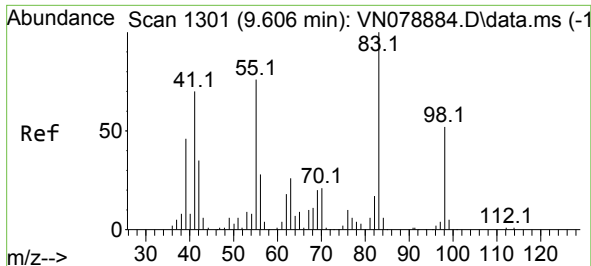
Tgt Ion: 43 Resp: 243971
Ion Ratio Lower Upper
43 100
61 12.2 13.2 19.8#
70 8.8 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 52.352 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 117 Resp: 203624
Ion Ratio Lower Upper
117 100
119 97.2 77.3 115.9
121 28.7 23.3 34.9





#39

Methylcyclohexane

Concen: 50.424 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078916.D

Acq: 16 Aug 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

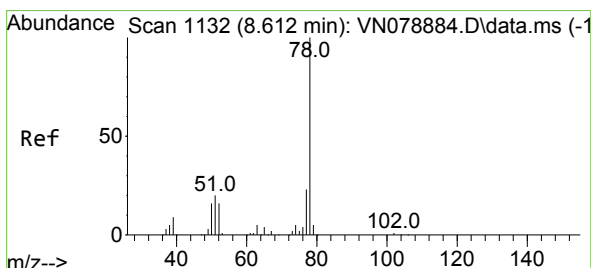
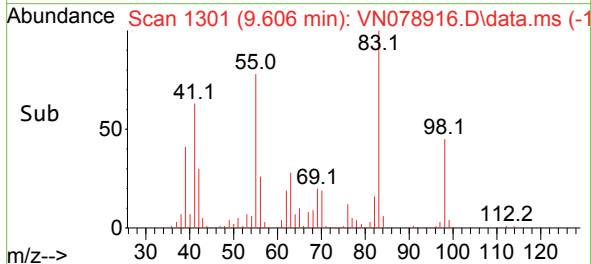
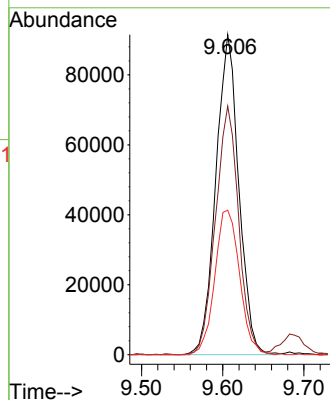
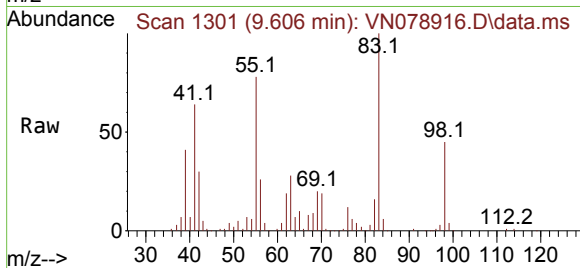
Tgt Ion: 83 Resp: 180020

Ion Ratio Lower Upper

83 100

55 77.7 49.1 73.7#

98 45.2 40.6 61.0



#40

Benzene

Concen: 52.138 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078916.D

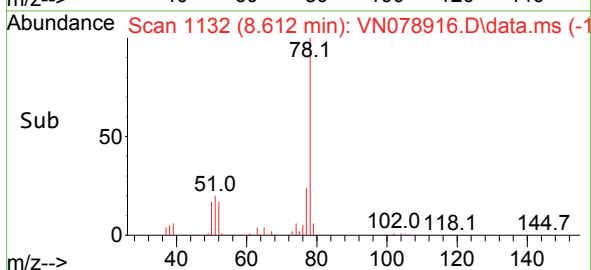
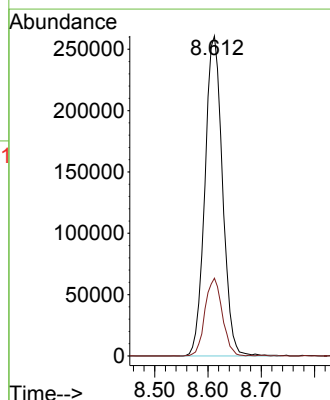
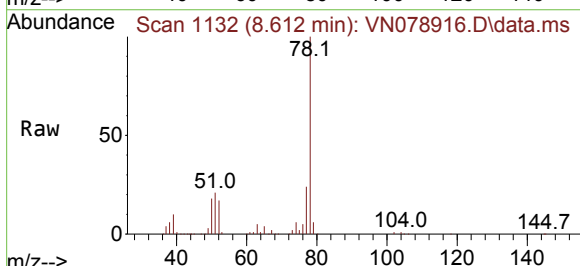
Acq: 16 Aug 2023 20:32

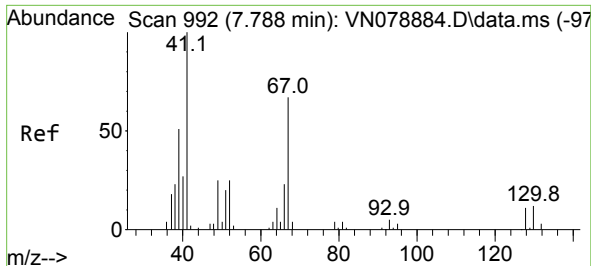
Tgt Ion: 78 Resp: 598213

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6

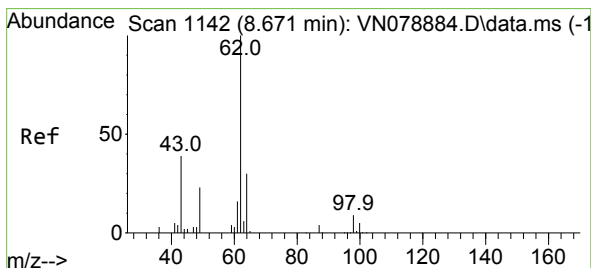
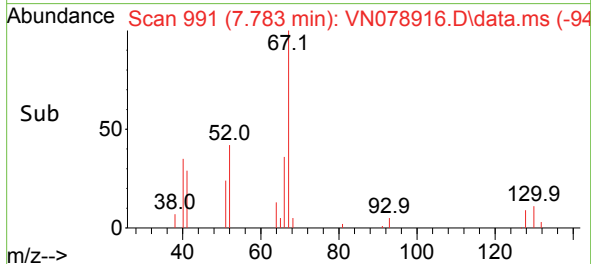
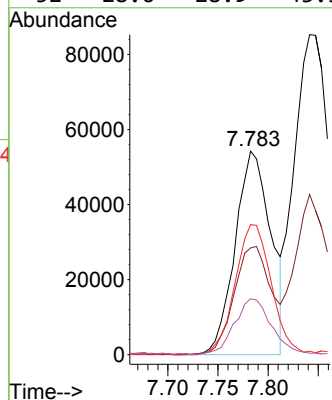
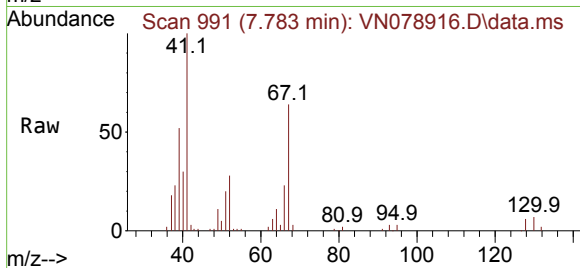




#41
Methacrylonitrile
Concen: 56.883 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

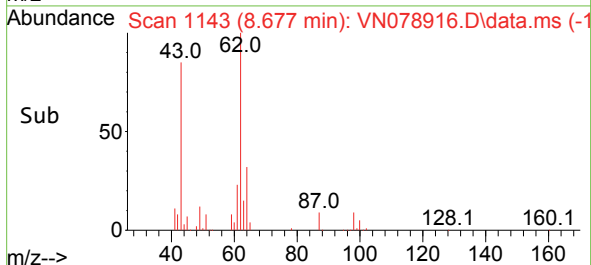
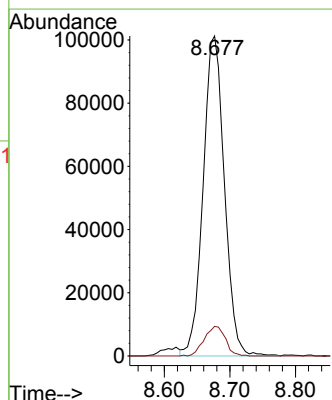
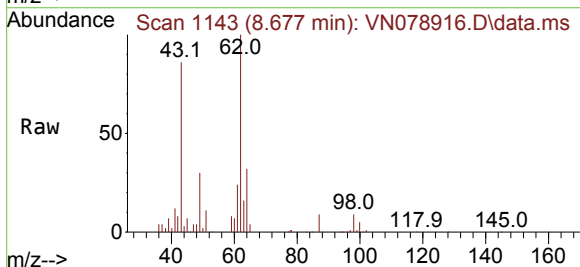
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

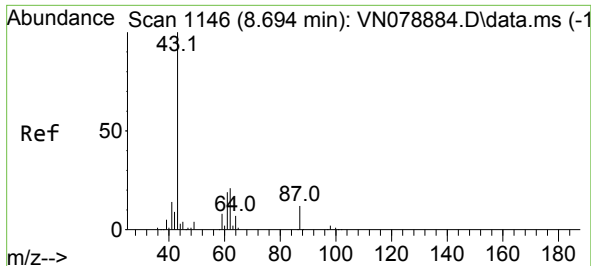
Tgt Ion: 41 Resp: 134553
Ion Ratio Lower Upper
41 100
39 55.2 42.6 64.0
67 65.0 77.5 116.3#
52 28.6 28.9 43.3#



#42
1,2-Dichloroethane
Concen: 53.342 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 62 Resp: 228656
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8

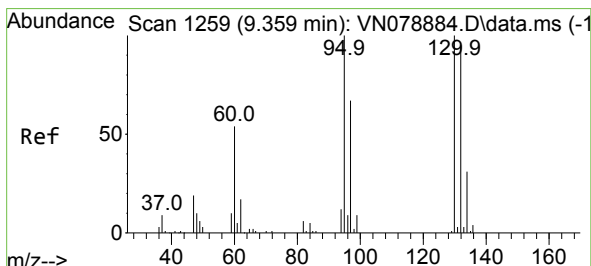
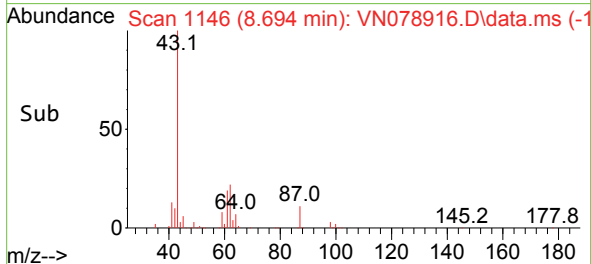
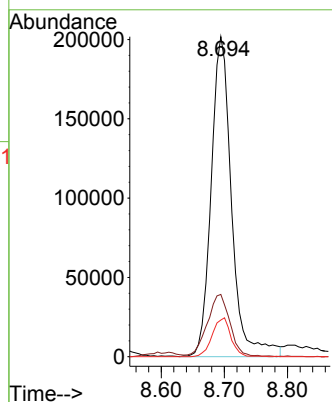
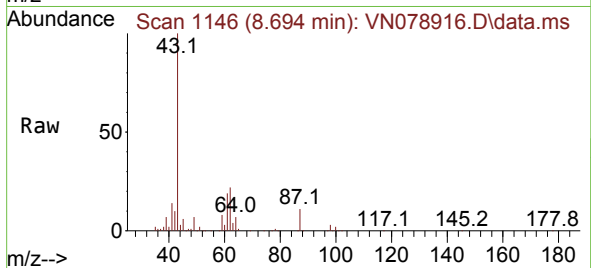




#43
Isopropyl Acetate
Concen: 59.184 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

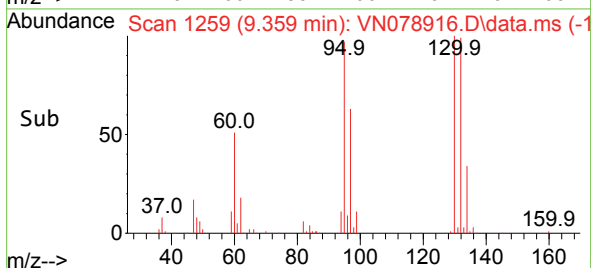
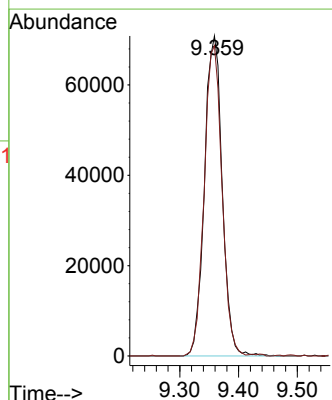
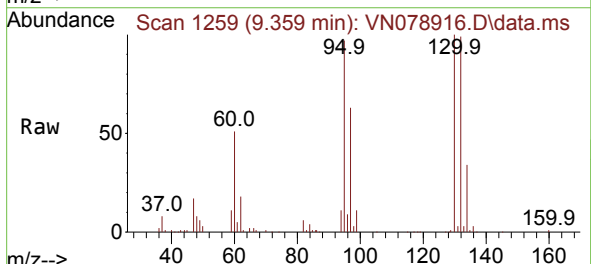
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

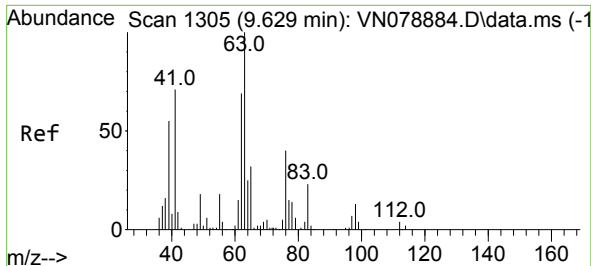
Tgt Ion: 43 Resp: 454328
Ion Ratio Lower Upper
43 100
61 21.6 24.7 37.1#
87 11.1 14.6 21.8#



#44
Trichloroethene
Concen: 54.487 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion:130 Resp: 148547
Ion Ratio Lower Upper
130 100
95 97.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.929 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN078916.D

Acq: 16 Aug 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

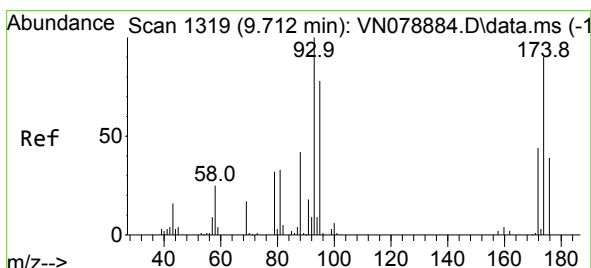
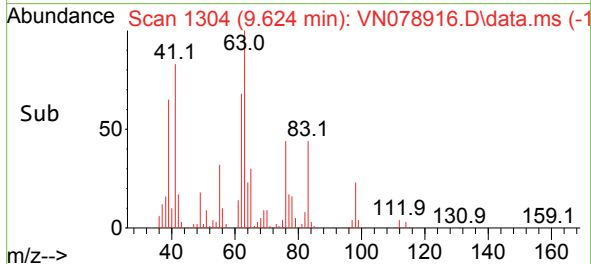
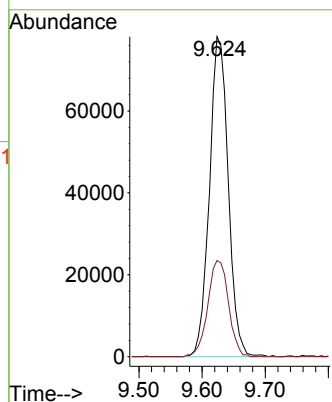
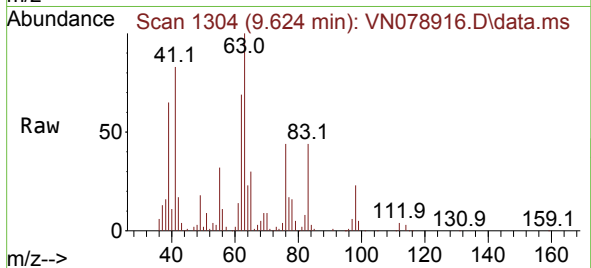
VSTDCCC050EC

Tgt Ion: 63 Resp: 161687

Ion Ratio Lower Upper

63 100

65 30.1 23.9 35.9



#46

Dibromomethane

Concen: 51.421 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078916.D

Acq: 16 Aug 2023 20:32

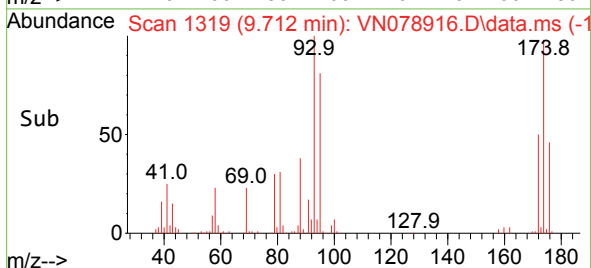
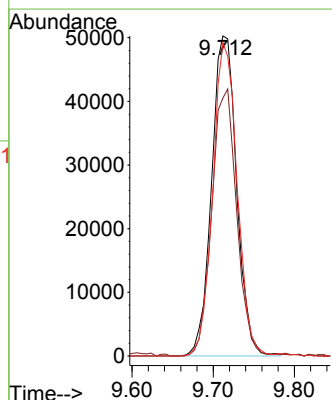
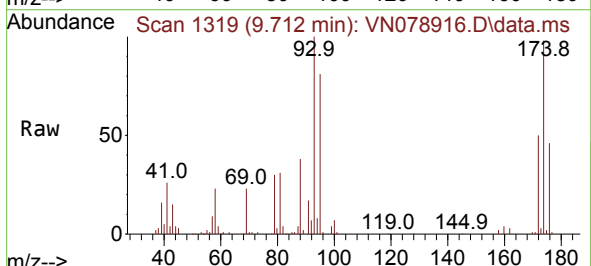
Tgt Ion: 93 Resp: 107741

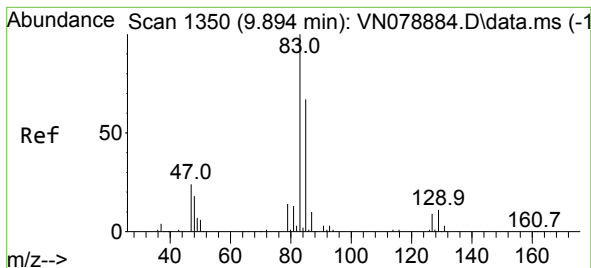
Ion Ratio Lower Upper

93 100

95 82.9 63.8 95.8

174 95.2 65.6 98.4





#47

Bromodichloromethane

Concen: 53.347 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.000 min

Lab File: VN078916.D

Acq: 16 Aug 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

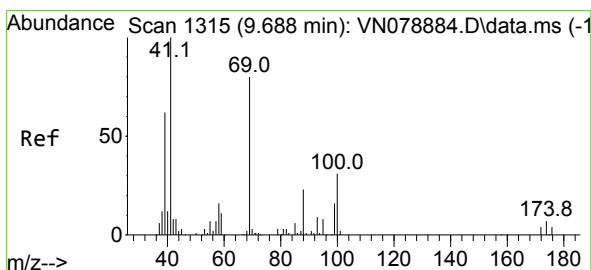
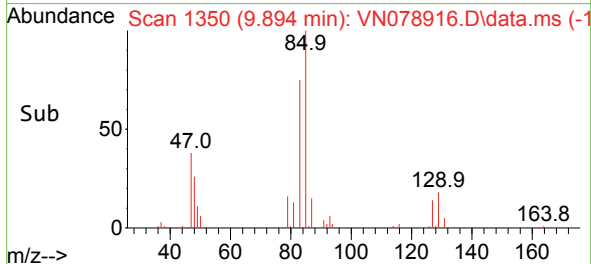
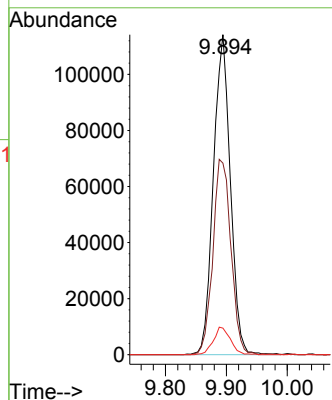
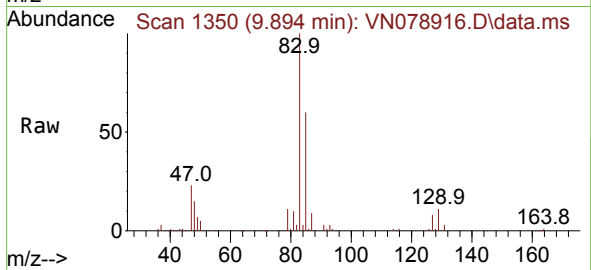
Tgt Ion: 83 Resp: 220719

Ion Ratio Lower Upper

83 100

85 59.9 49.6 74.4

127 8.3 7.0 10.6



#48

Methyl methacrylate

Concen: 56.493 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN078916.D

Acq: 16 Aug 2023 20:32

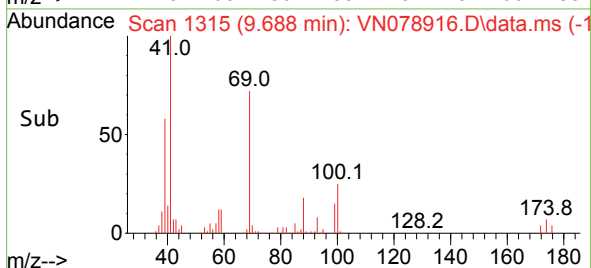
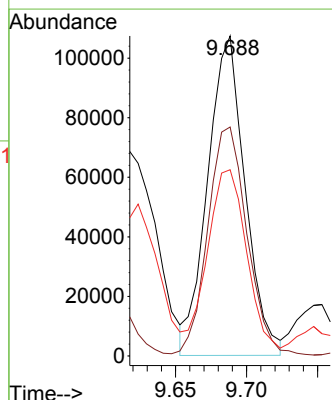
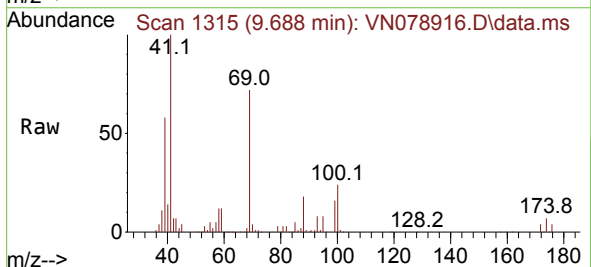
Tgt Ion: 41 Resp: 196519

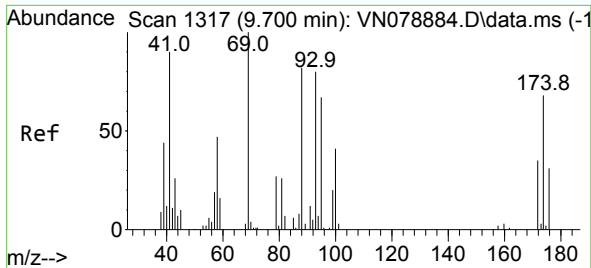
Ion Ratio Lower Upper

41 100

69 74.8 90.4 135.6#

39 62.1 54.6 81.8

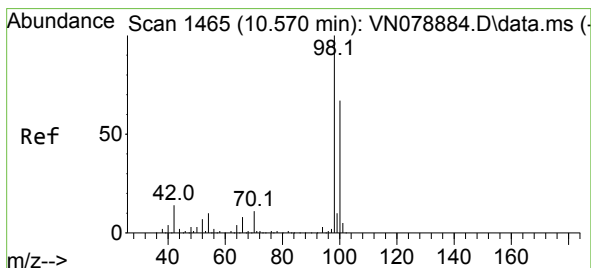
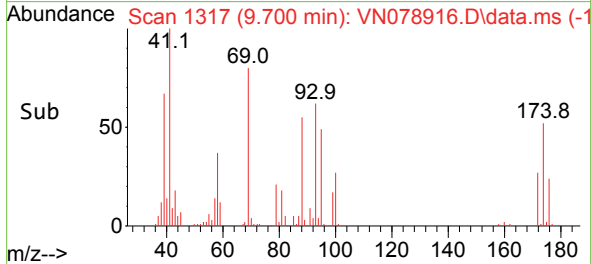
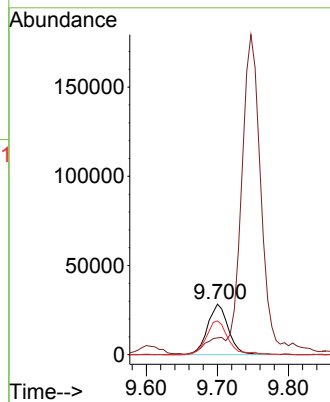
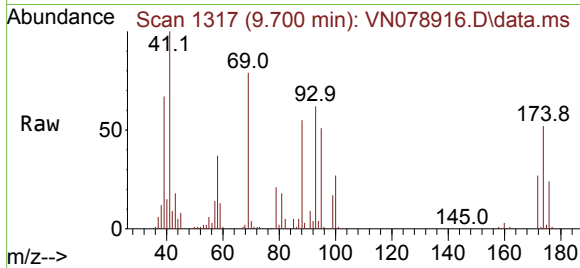




#49
1,4-Dioxane
Concen: 969.598 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

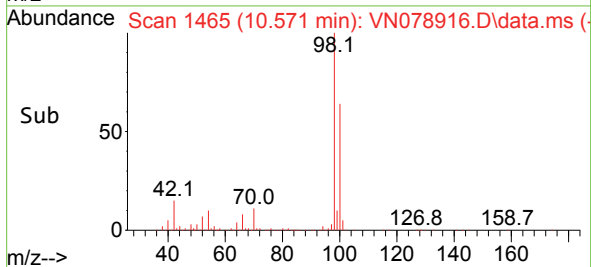
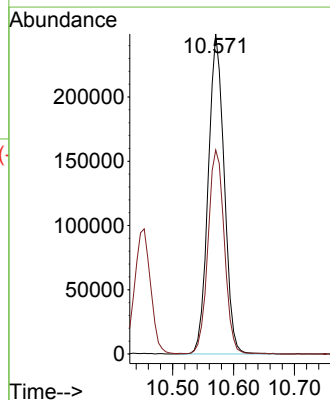
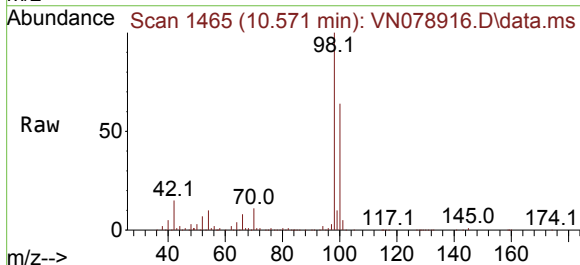
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

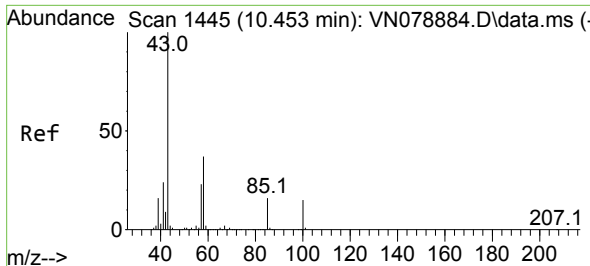
Tgt Ion: 88 Resp: 57450
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 70.5 47.0 70.4#



#50
Toluene-d8
Concen: 47.311 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 98 Resp: 453327
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

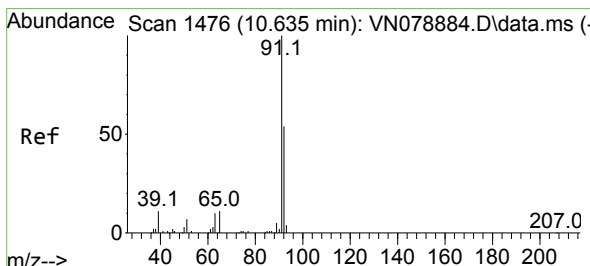
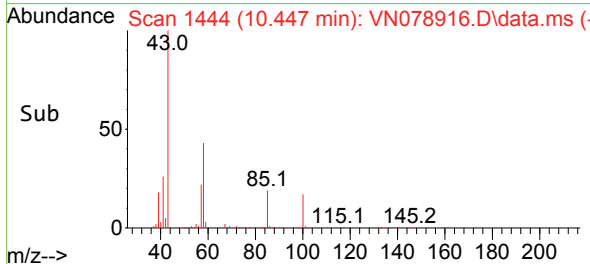
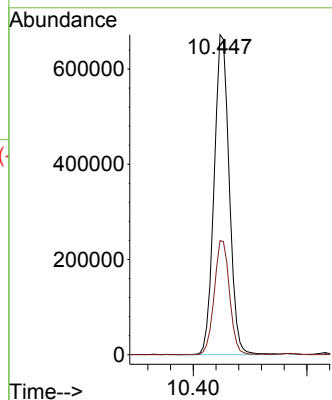
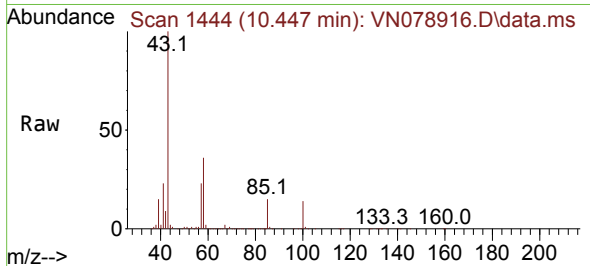




#51
4-Methyl-2-Pentanone
Concen: 272.256 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

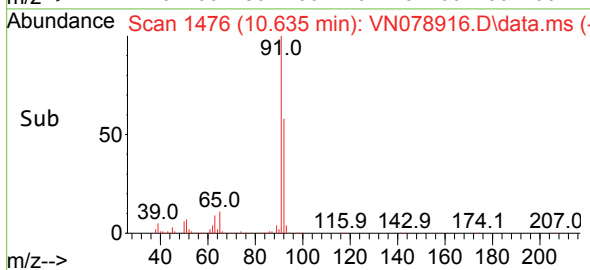
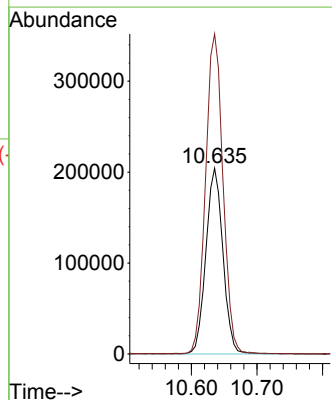
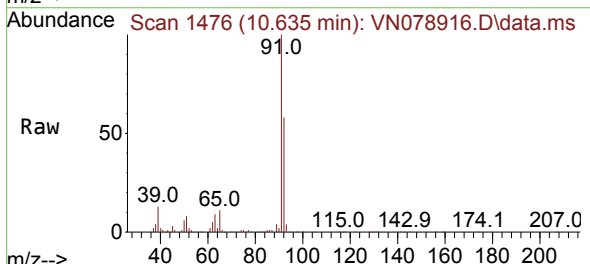
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

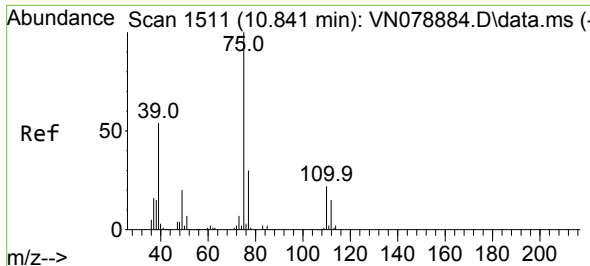
Tgt Ion: 43 Resp: 1239577
Ion Ratio Lower Upper
43 100
58 36.1 36.6 54.8#



#52
Toluene
Concen: 52.429 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 92 Resp: 369332
Ion Ratio Lower Upper
92 100
91 176.7 137.4 206.0

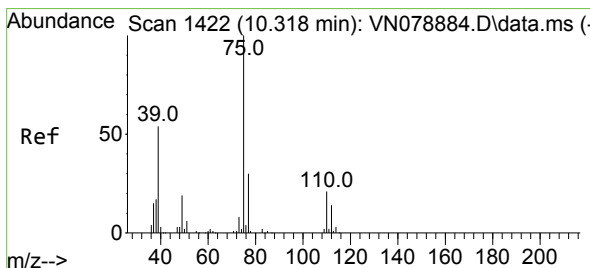
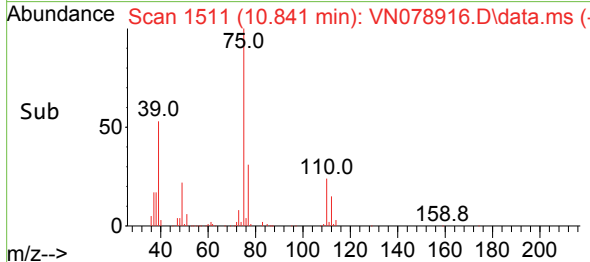
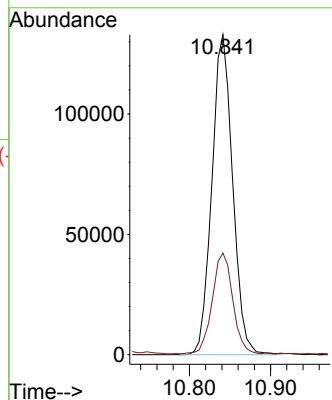
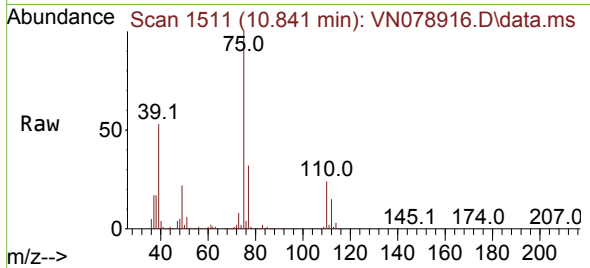




#53
t-1,3-Dichloropropene
Concen: 53.273 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

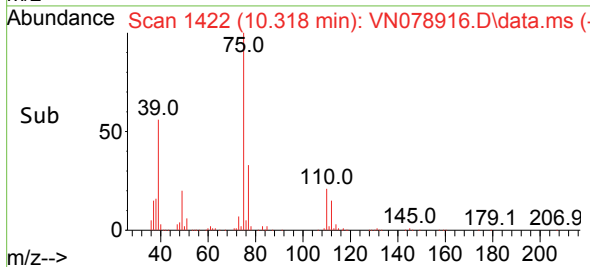
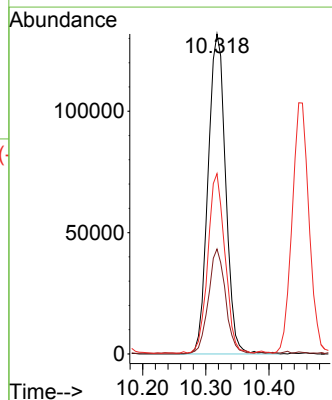
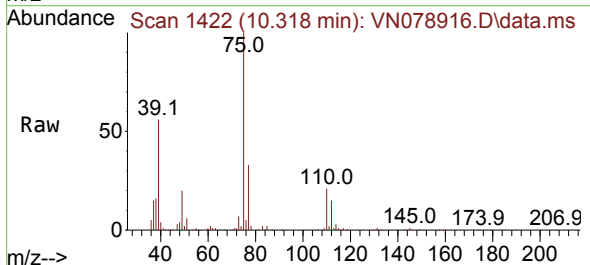
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

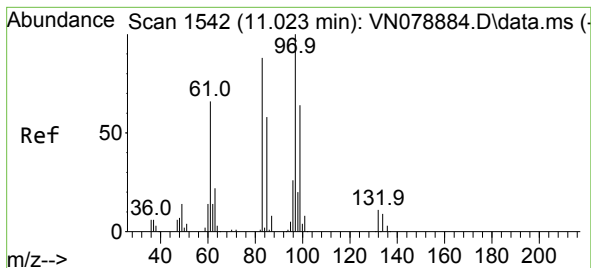
Tgt Ion: 75 Resp: 236373
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 52.642 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 75 Resp: 254383
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
39 56.1 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 52.610 ug/l

RT: 11.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078916.D

Acq: 16 Aug 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 148600

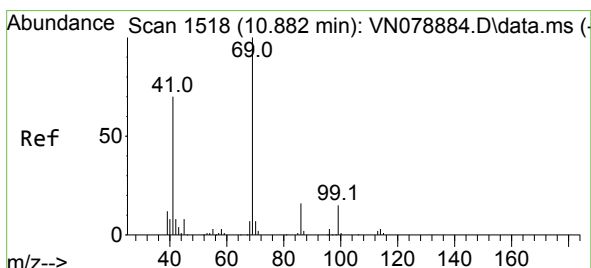
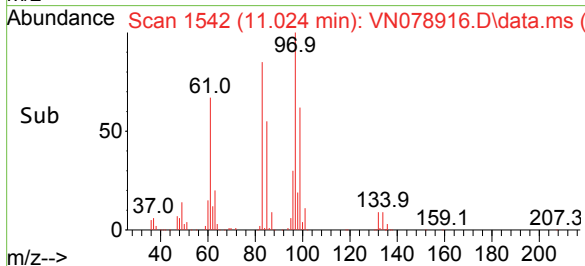
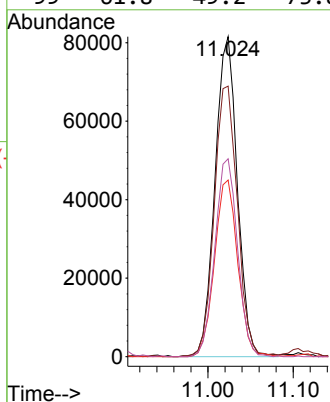
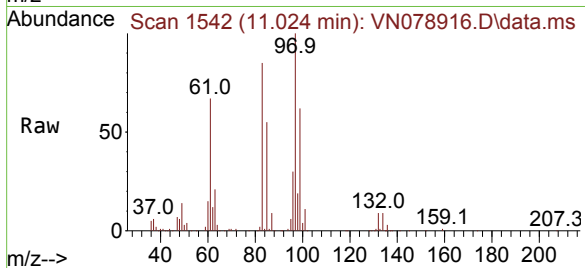
Ion Ratio Lower Upper

97 100

83 84.5 65.1 97.7

85 55.2 43.4 65.2

99 61.8 49.2 73.8



#56

Ethyl methacrylate

Concen: 58.504 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.001 min

Lab File: VN078916.D

Acq: 16 Aug 2023 20:32

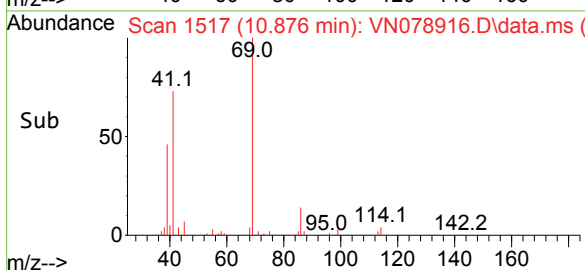
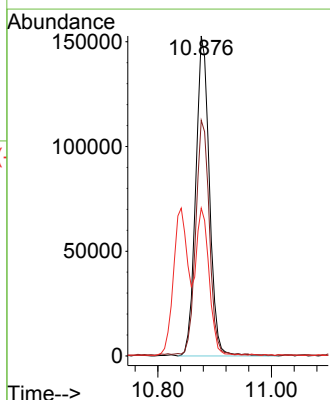
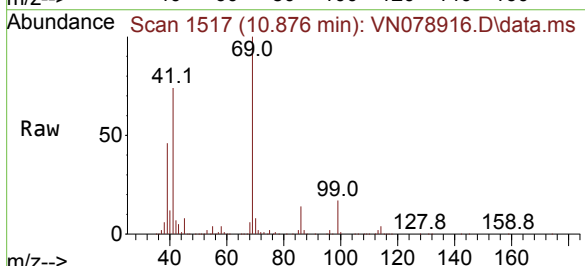
Tgt Ion: 69 Resp: 256158

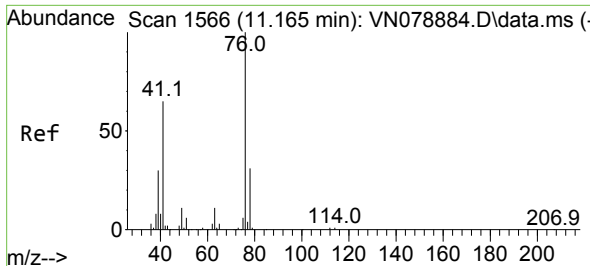
Ion Ratio Lower Upper

69 100

41 73.3 39.6 59.4#

39 44.2 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 53.367 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN078916.D

Acq: 16 Aug 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

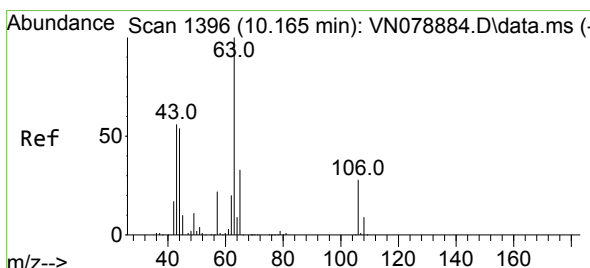
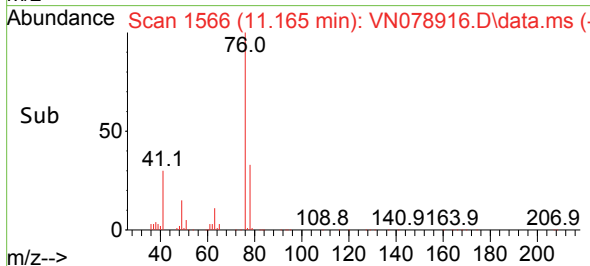
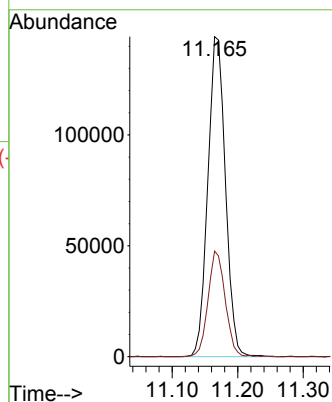
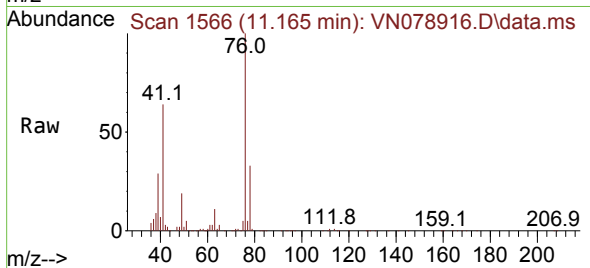
VSTDCCC050EC

Tgt Ion: 76 Resp: 269617

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 261.860 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078916.D

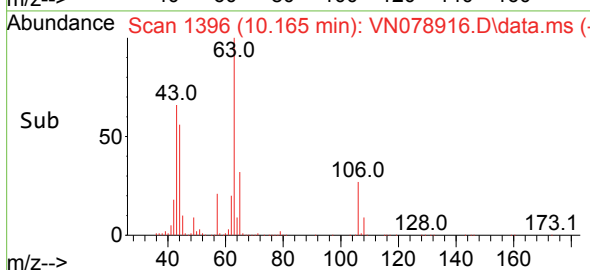
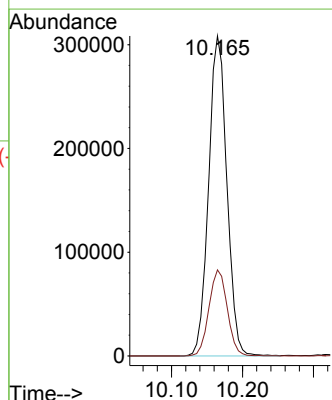
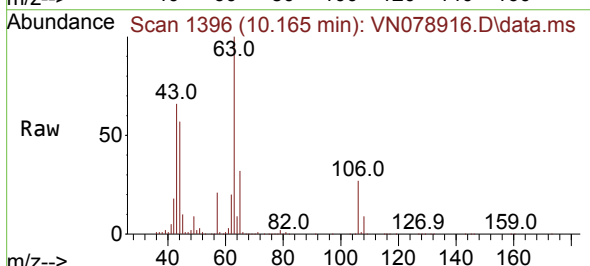
Acq: 16 Aug 2023 20:32

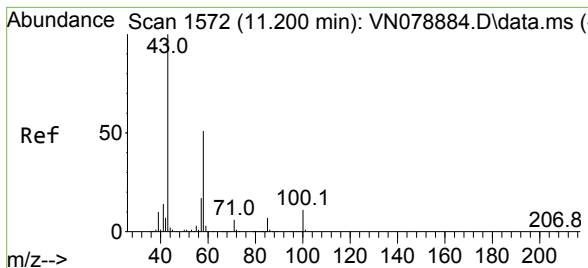
Tgt Ion: 63 Resp: 550368

Ion Ratio Lower Upper

63 100

106 27.0 26.2 39.4

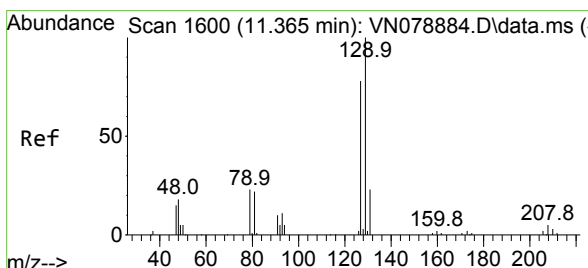
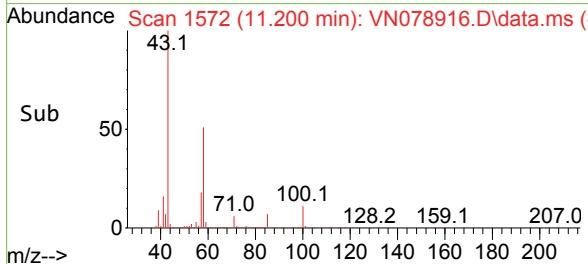
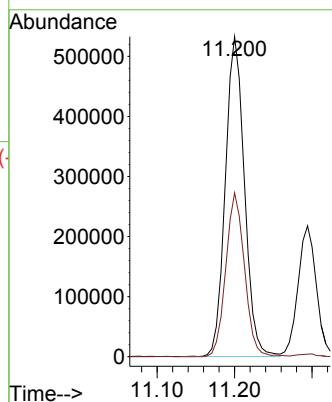
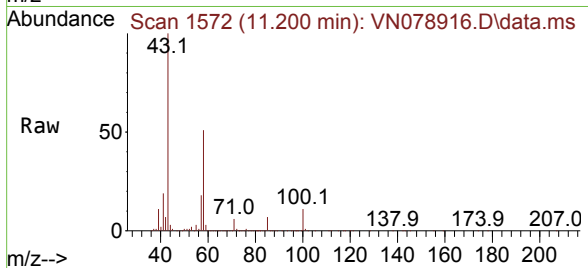




#59
2-Hexanone
Concen: 277.210 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

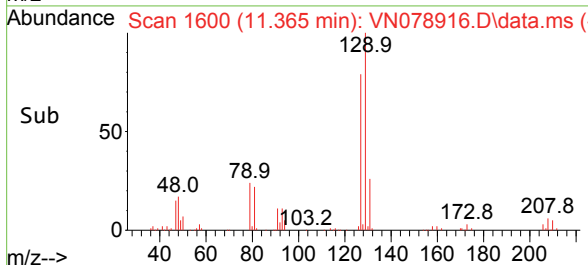
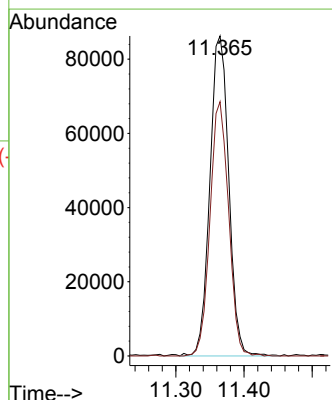
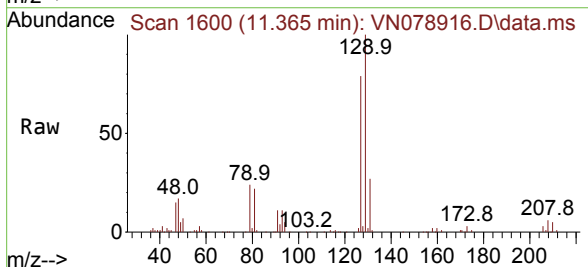
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

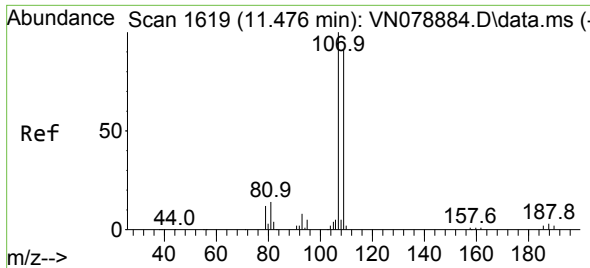
Tgt Ion: 43 Resp: 914163
Ion Ratio Lower Upper
43 100
58 50.1 31.7 95.1



#60
Dibromochloromethane
Concen: 55.988 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion:129 Resp: 166414
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0

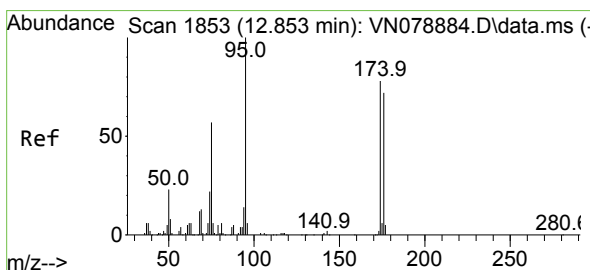
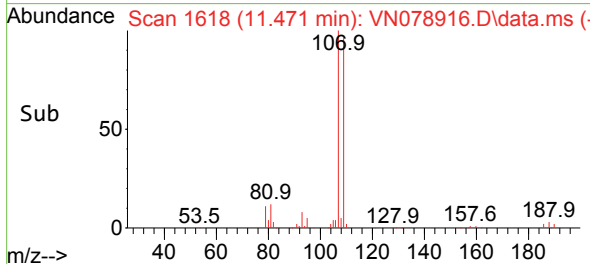
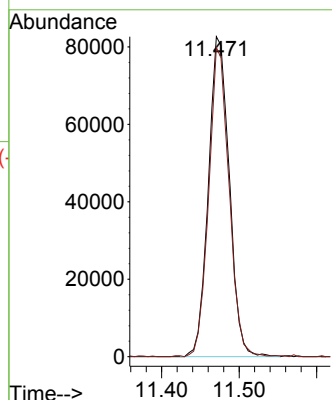
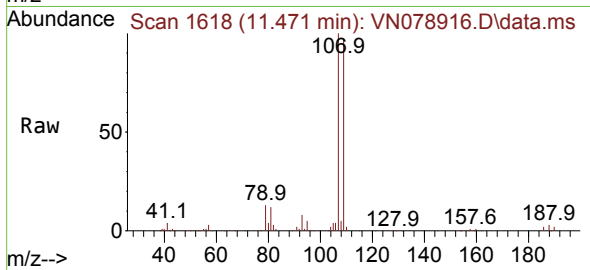




#61
1,2-Dibromoethane
Concen: 53.823 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.005 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

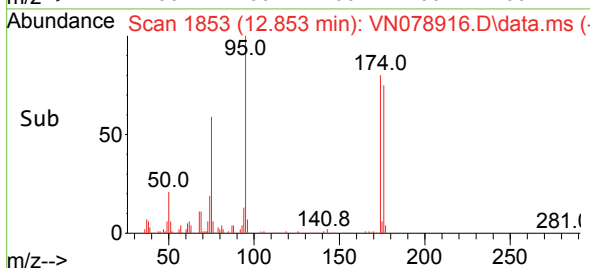
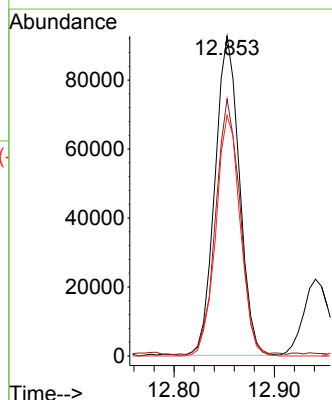
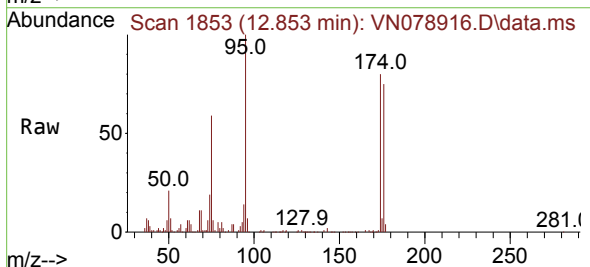
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

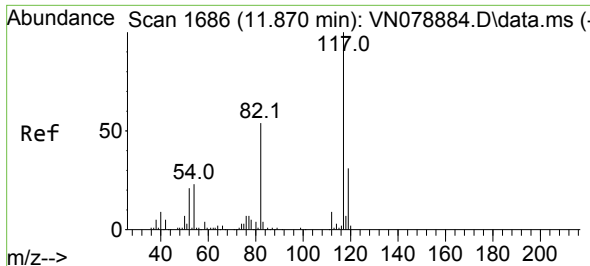
Tgt Ion:107 Resp: 154491
Ion Ratio Lower Upper
107 100
109 94.0 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 49.828 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 95 Resp: 156057
Ion Ratio Lower Upper
95 100
174 79.8 0.0 143.8
176 75.3 0.0 135.8

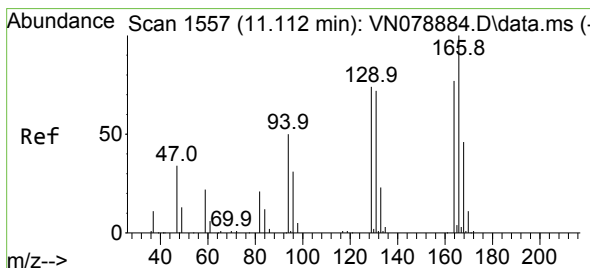
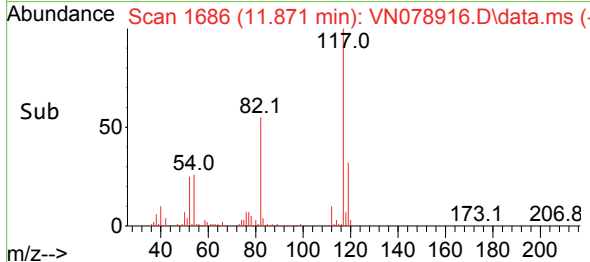
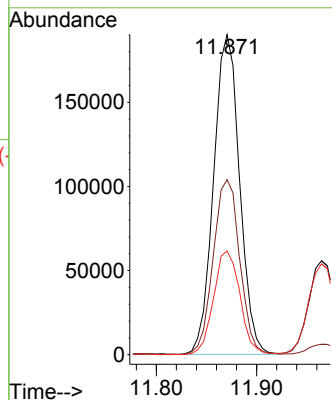
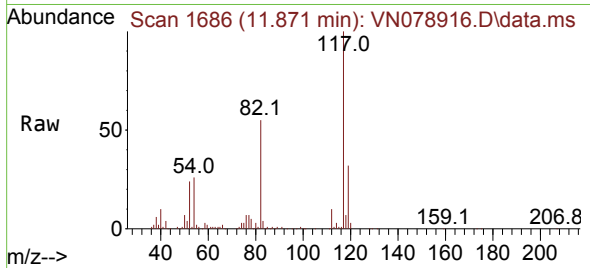




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

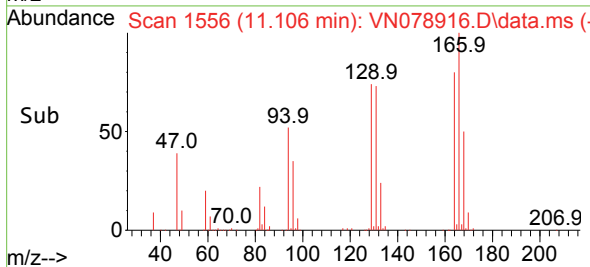
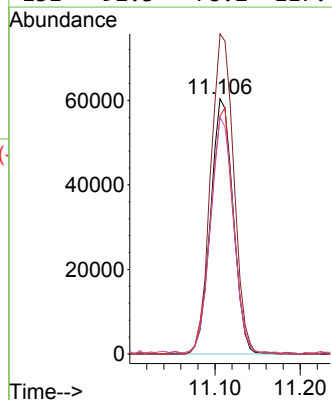
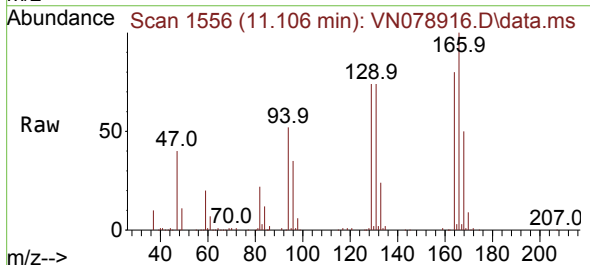
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

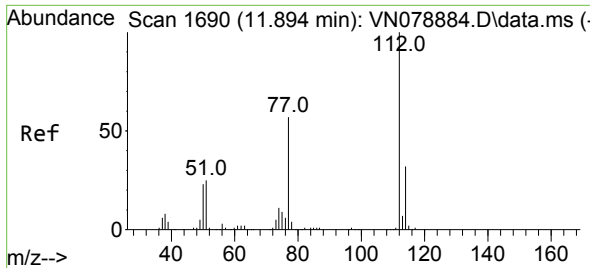
Tgt Ion:117 Resp: 342216
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 51.621 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion:164 Resp: 110783
Ion Ratio Lower Upper
164 100
166 125.4 101.4 152.0
129 93.3 82.4 123.6
131 92.3 78.2 117.4

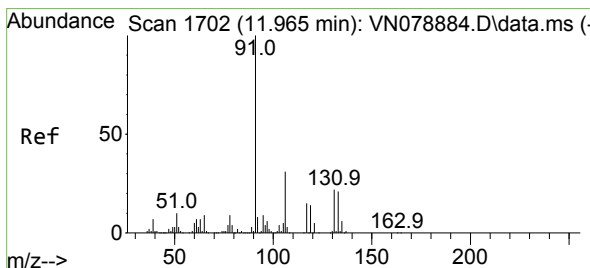
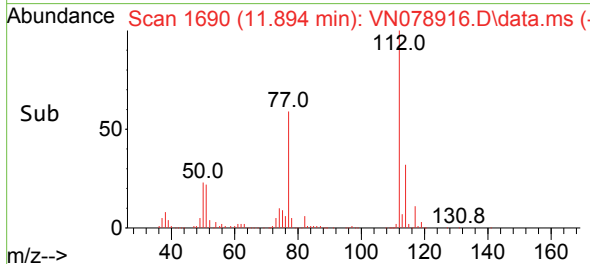
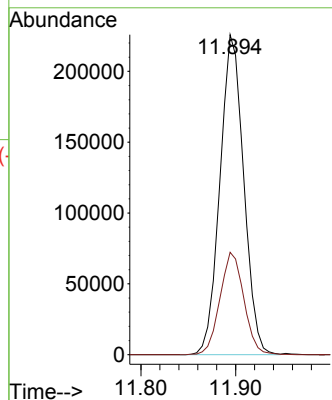
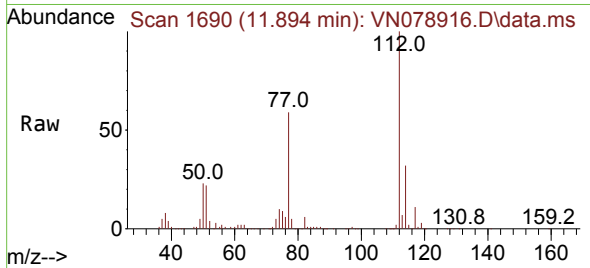




#65
Chlorobenzene
Concen: 54.108 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

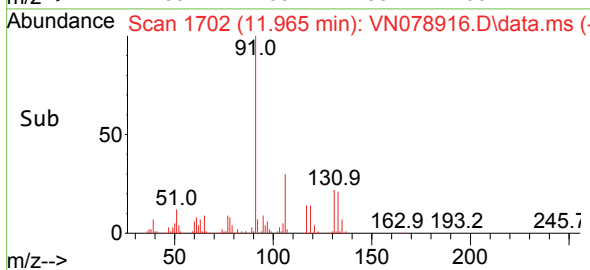
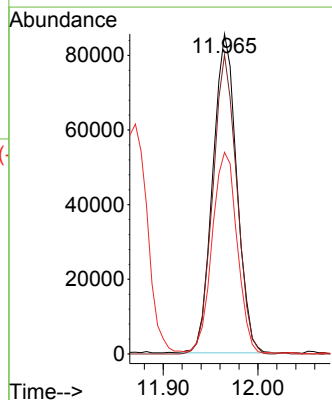
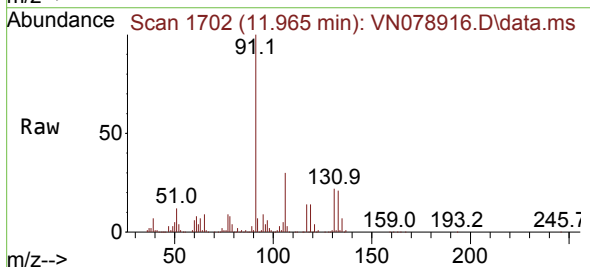
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

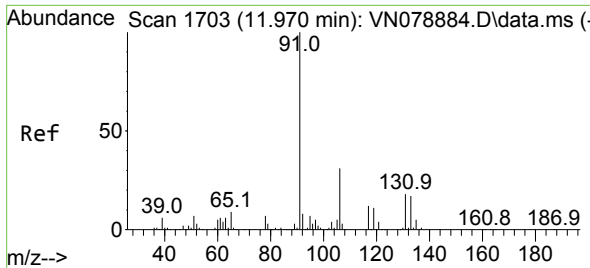
Tgt Ion:112 Resp: 394152
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.593 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion:131 Resp: 150291
Ion Ratio Lower Upper
131 100
133 93.8 46.4 139.1
119 65.6 34.1 102.2

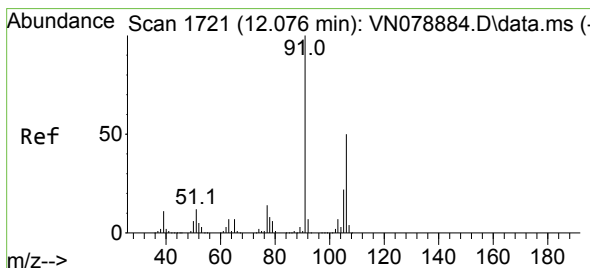
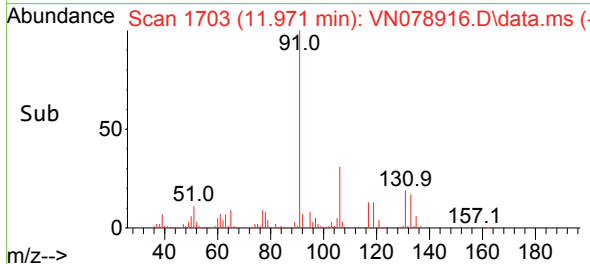
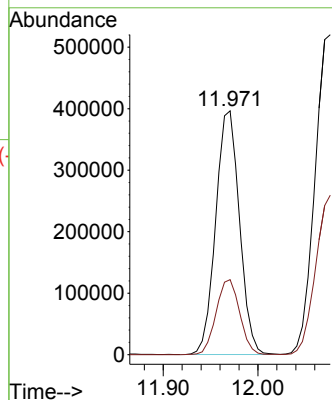
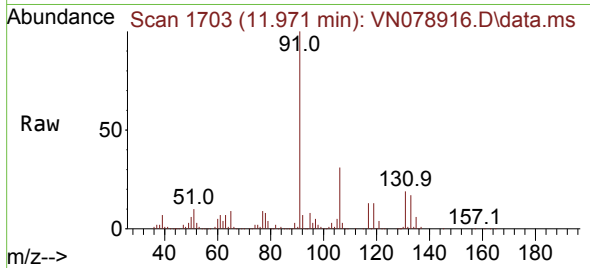




#67
Ethyl Benzene
Concen: 52.222 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

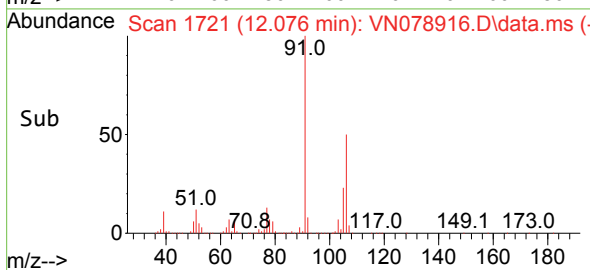
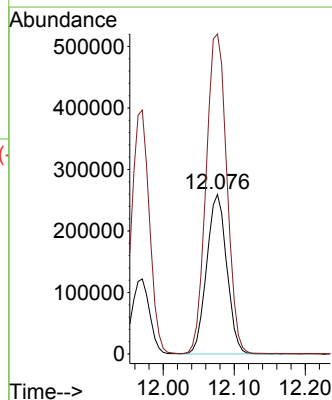
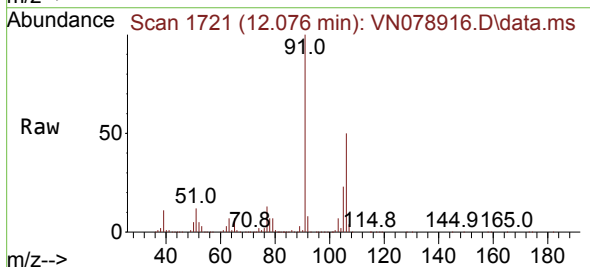
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

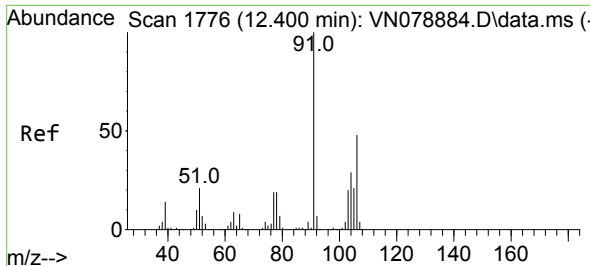
Tgt Ion: 91 Resp: 691792
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4



#68
m/p-Xylenes
Concen: 103.159 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion:106 Resp: 510929
Ion Ratio Lower Upper
106 100
91 206.3 159.6 239.4

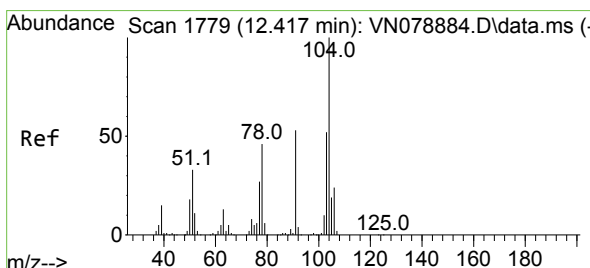
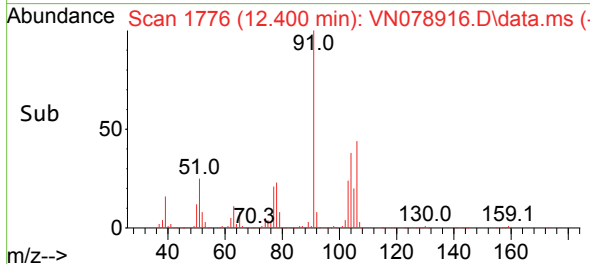
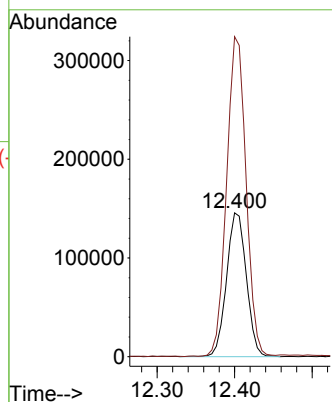
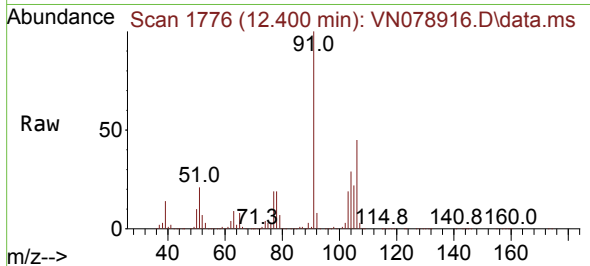




#69
o-Xylene
Concen: 53.846 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

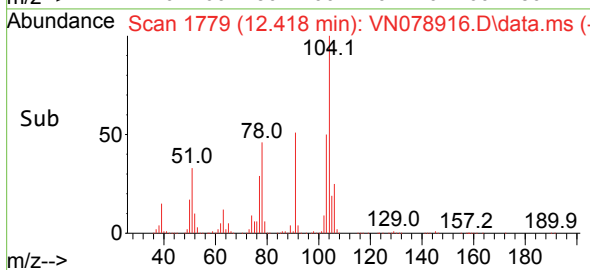
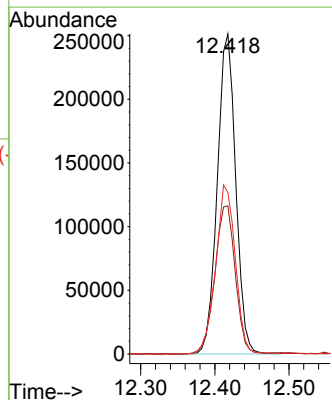
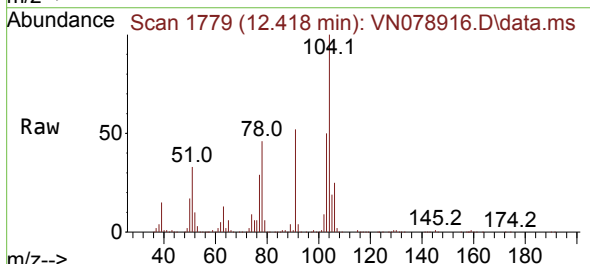
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

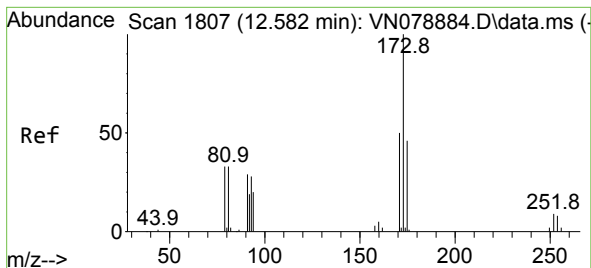
Tgt Ion:106 Resp: 259429
Ion Ratio Lower Upper
106 100
91 218.3 105.2 315.5



#70
Styrene
Concen: 54.013 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion:104 Resp: 433927
Ion Ratio Lower Upper
104 100
78 51.5 39.5 59.3
103 56.6 43.2 64.8





#71

Bromoform

Concen: 60.218 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078916.D

Acq: 16 Aug 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

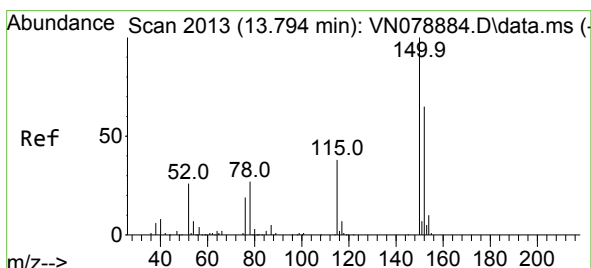
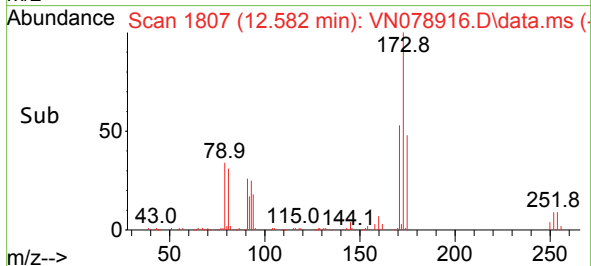
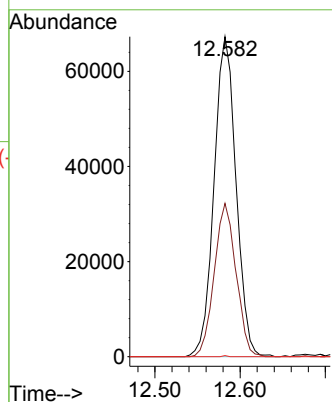
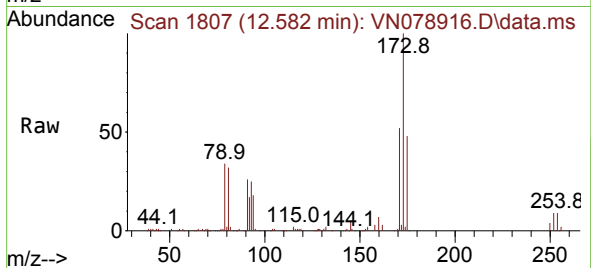
Tgt Ion:173 Resp: 120520

Ion Ratio Lower Upper

173 100

175 47.5 24.3 73.0

254 0.1 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: VN078916.D

Acq: 16 Aug 2023 20:32

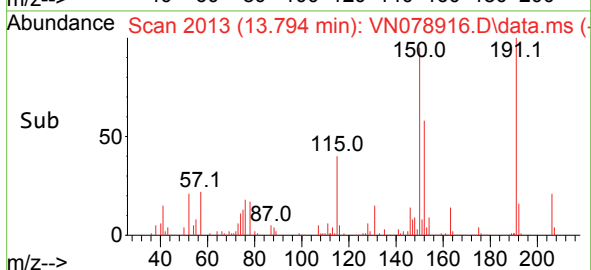
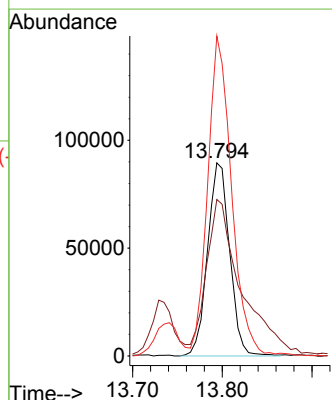
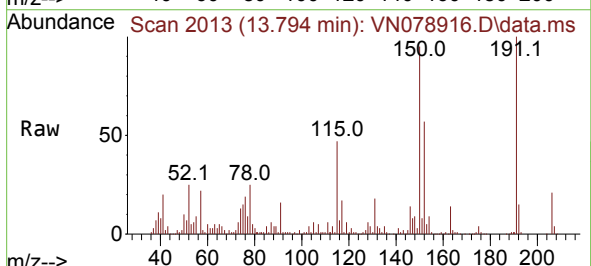
Tgt Ion:152 Resp: 152935

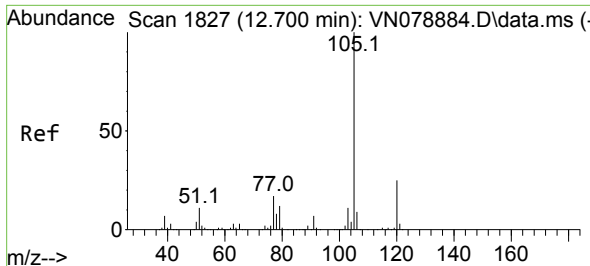
Ion Ratio Lower Upper

152 100

115 127.2 32.3 96.8#

150 179.9 0.0 355.8

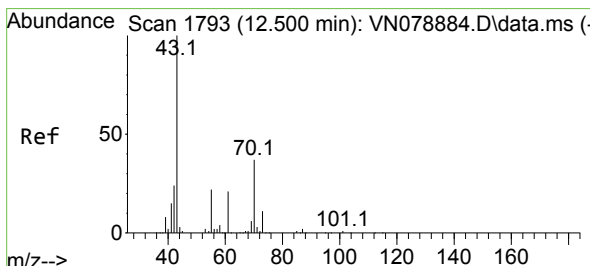
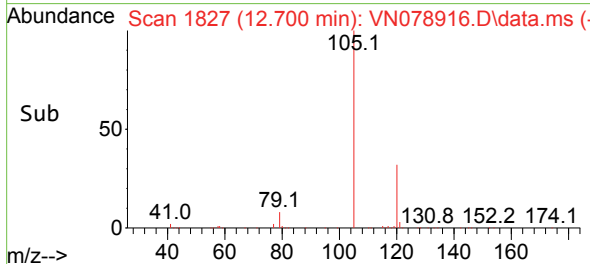
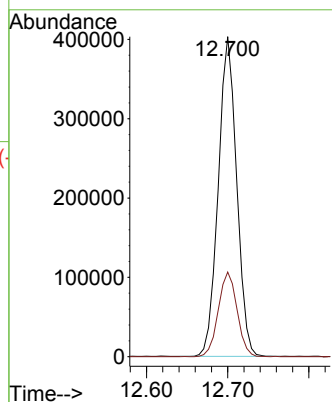
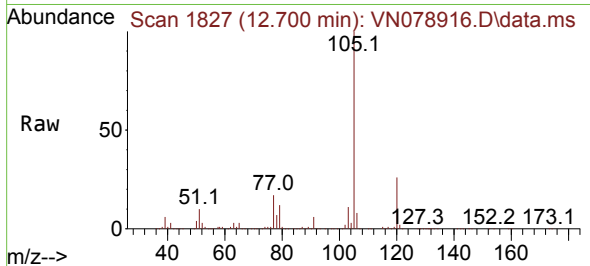




#73
Isopropylbenzene
Concen: 49.880 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

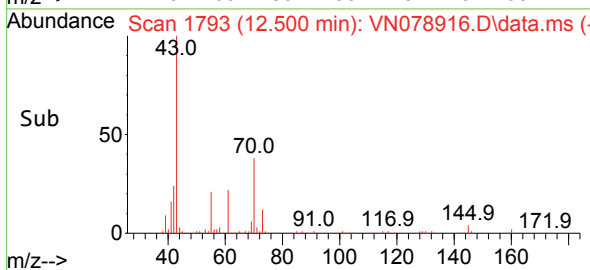
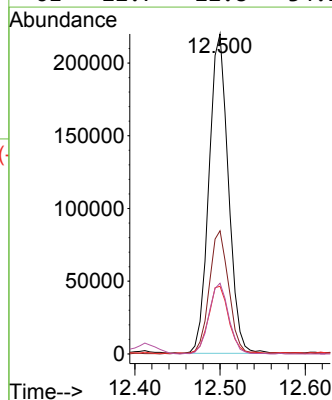
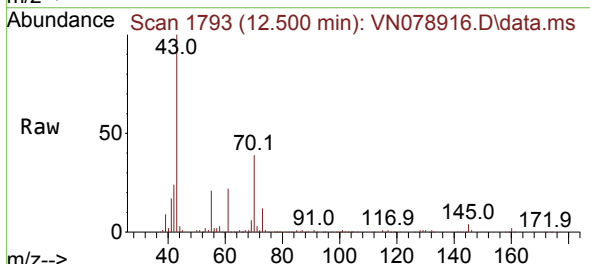
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

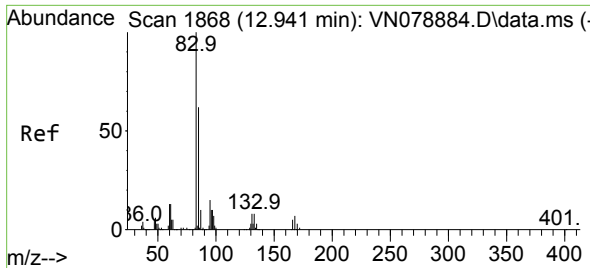
Tgt Ion:105 Resp: 636077
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1



#74
N-ethyl acetate
Concen: 53.843 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 43 Resp: 346576
Ion Ratio Lower Upper
43 100
70 39.0 43.4 65.2#
55 22.0 21.4 32.0
61 22.7 22.8 34.2#

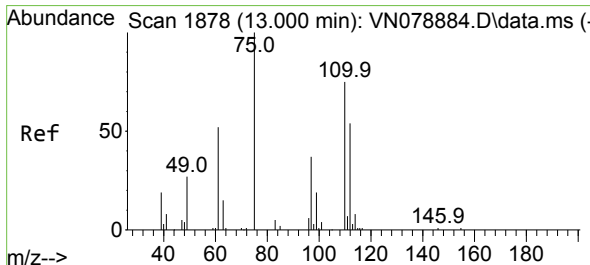
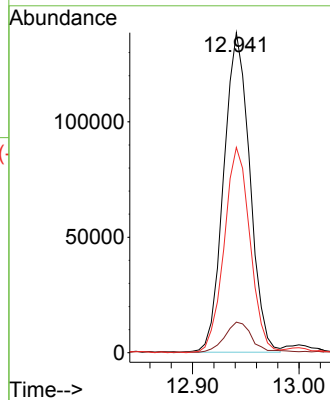
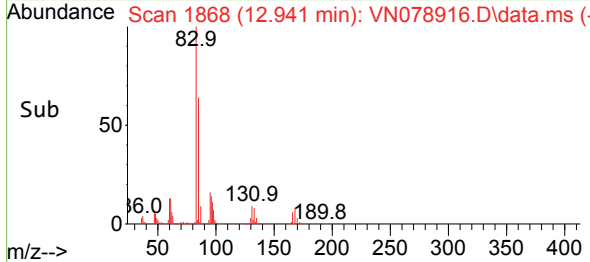
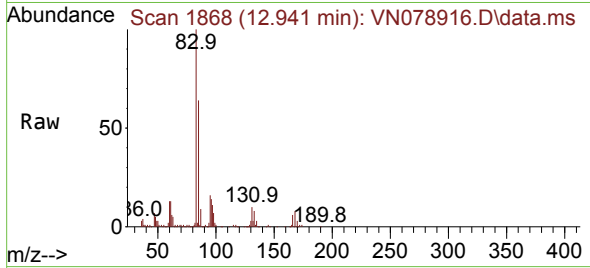




#75
1,1,2,2-Tetrachloroethane
Concen: 51.135 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

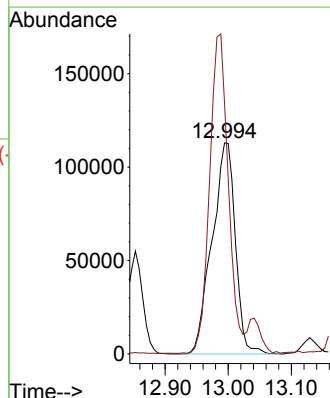
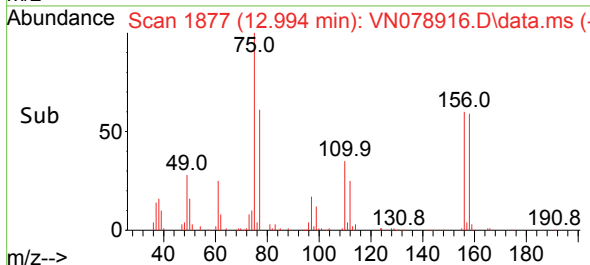
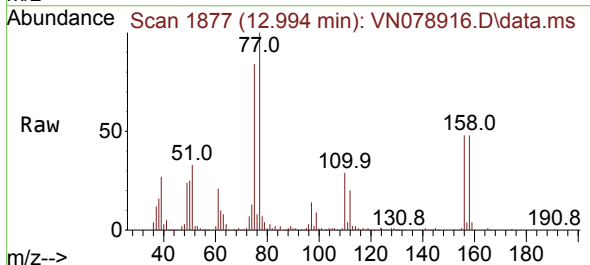
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

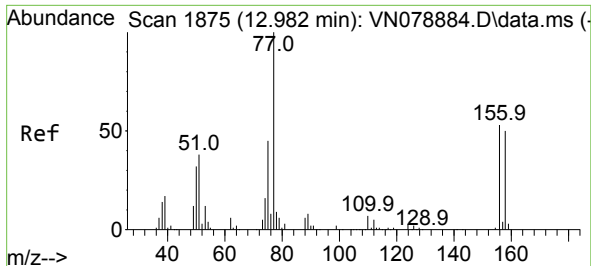
Tgt Ion: 83 Resp: 235446
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 63.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 78.457 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 75 Resp: 289114
Ion Ratio Lower Upper
75 100
77 120.8 84.5 253.5

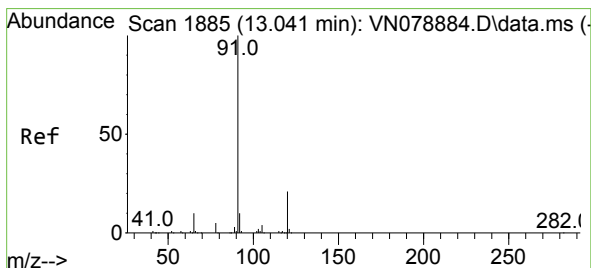
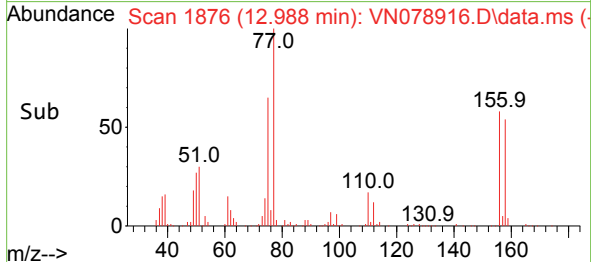
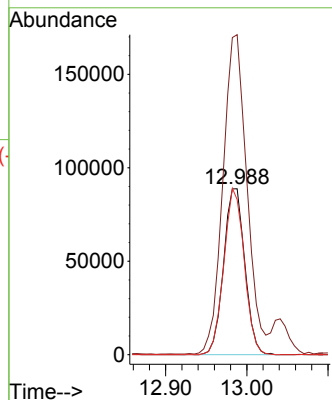
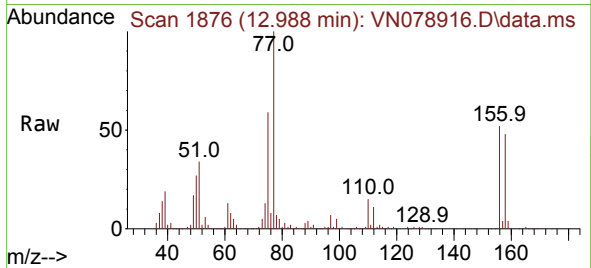




#77
Bromobenzene
Concen: 52.482 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

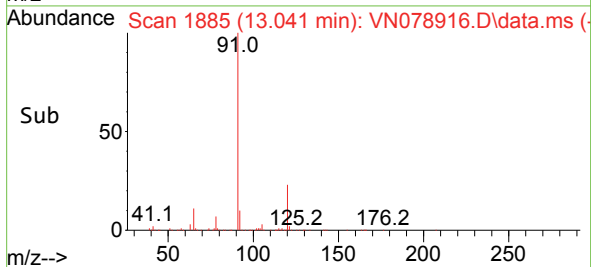
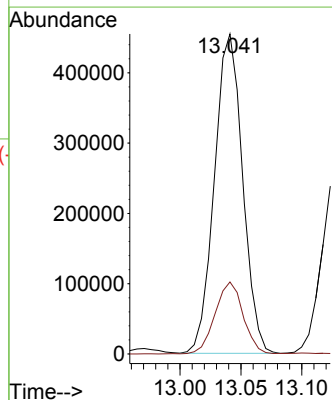
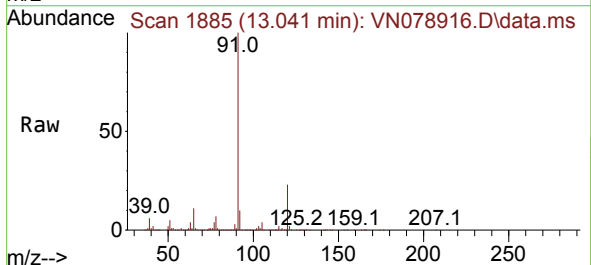
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

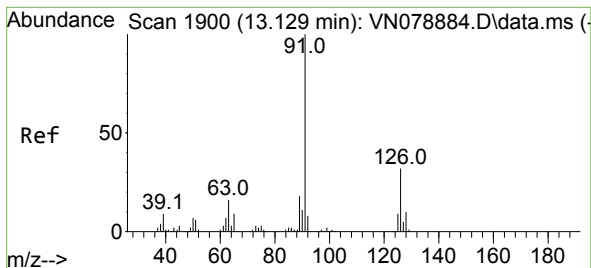
Tgt Ion:156 Resp: 160867
Ion Ratio Lower Upper
156 100
77 217.2 107.7 323.3
158 96.8 48.4 145.3



#78
n-propylbenzene
Concen: 49.539 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 91 Resp: 732545
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.572 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078916.D

Acq: 16 Aug 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

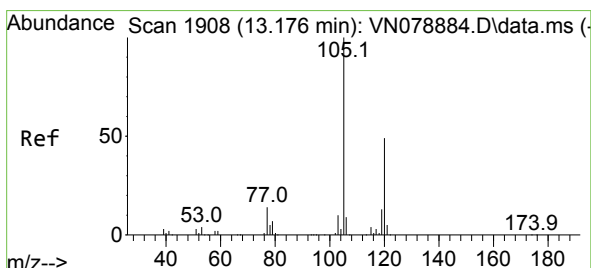
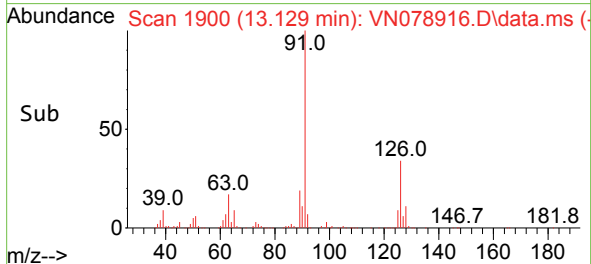
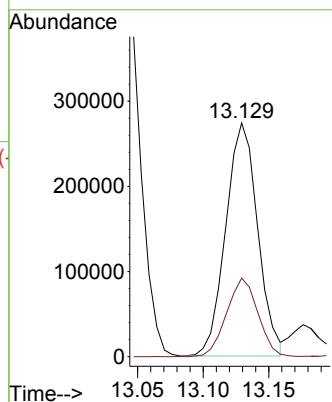
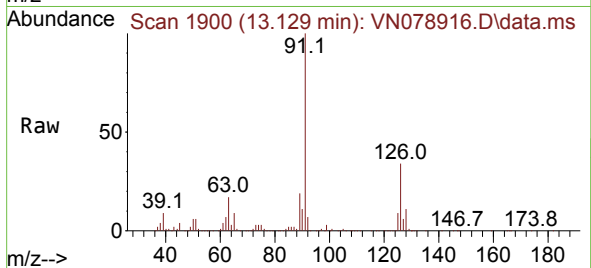
VSTDCCC050EC

Tgt Ion: 91 Resp: 463882

Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 50.823 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078916.D

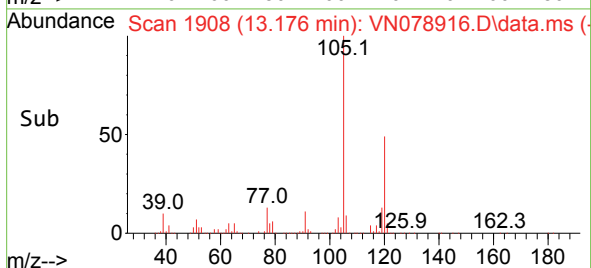
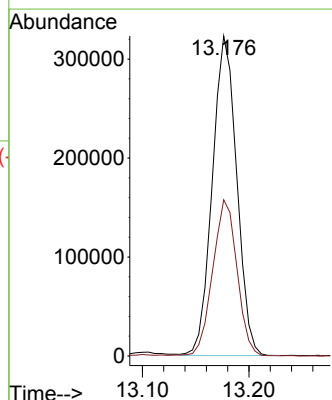
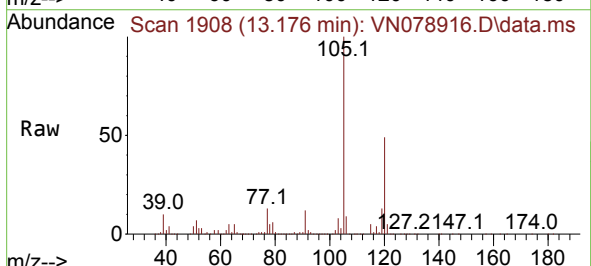
Acq: 16 Aug 2023 20:32

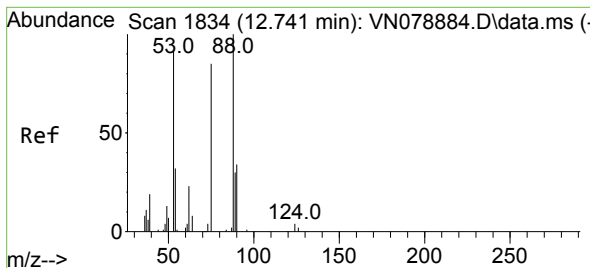
Tgt Ion: 105 Resp: 513590

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.3

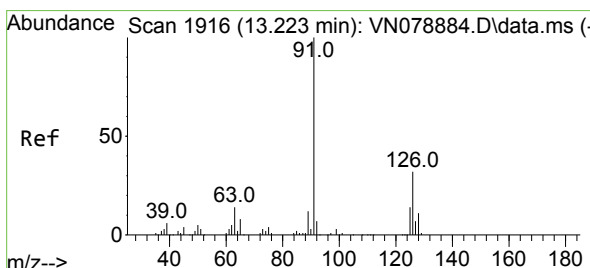
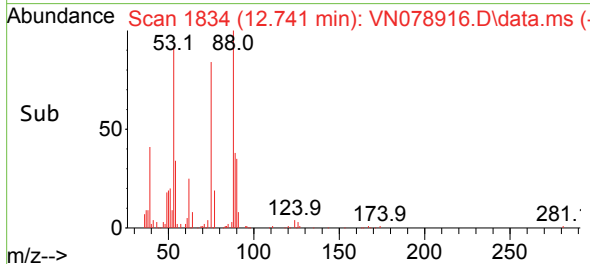
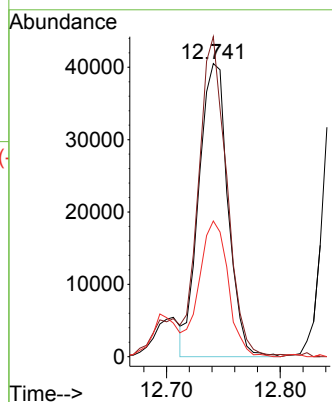
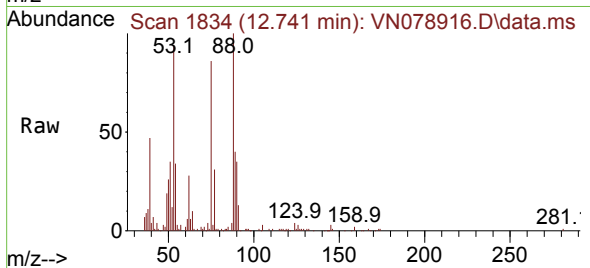




#81
trans-1,4-Dichloro-2-butene
Concen: 49.797 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

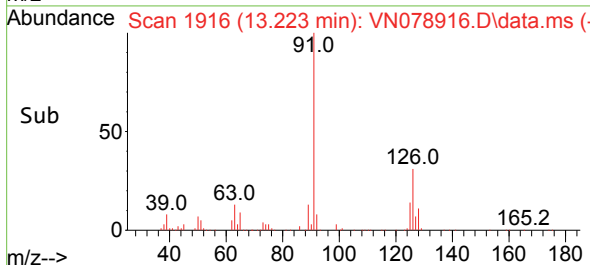
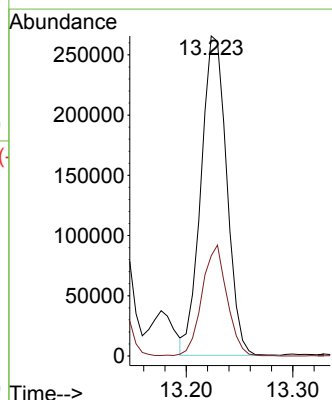
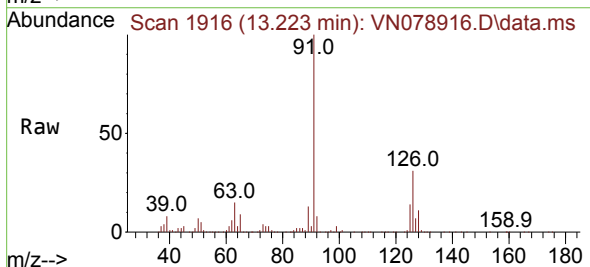
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

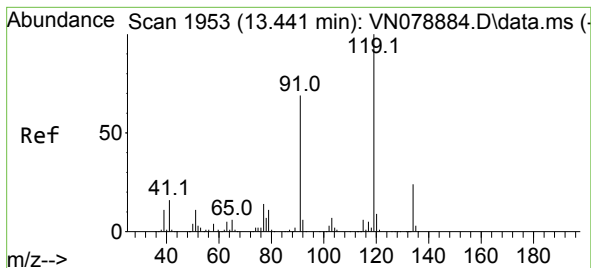
Tgt Ion: 75 Resp: 71832
Ion Ratio Lower Upper
75 100
53 118.5 67.4 101.2#
89 46.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 49.660 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion: 91 Resp: 445710
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0





#83

tert-Butylbenzene

Concen: 53.633 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN078916.D

Acq: 16 Aug 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

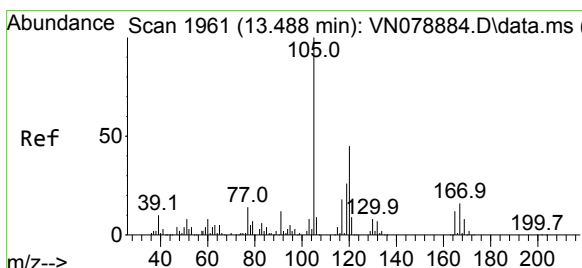
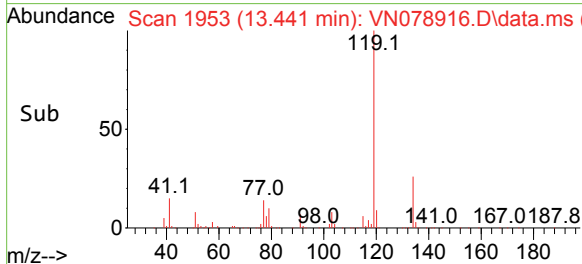
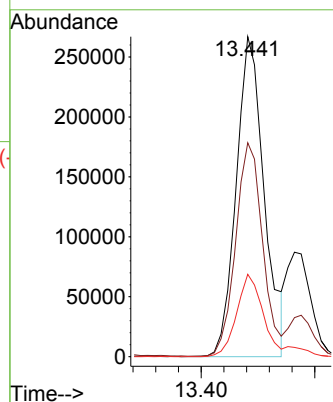
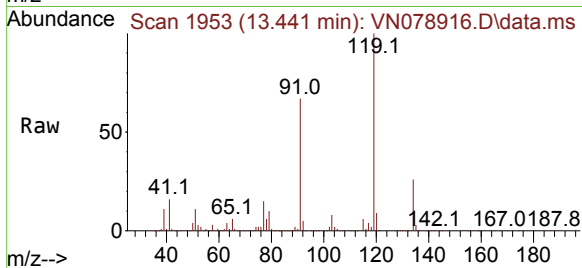
Tgt Ion:119 Resp: 455379

Ion Ratio Lower Upper

119 100

91 64.4 33.9 101.7

134 26.5 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 51.623 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078916.D

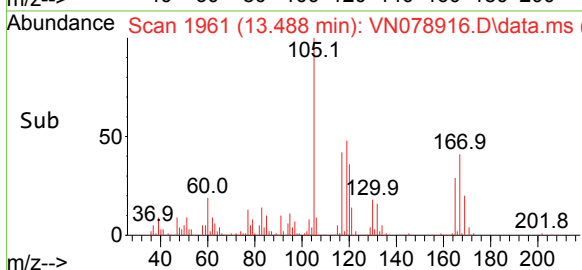
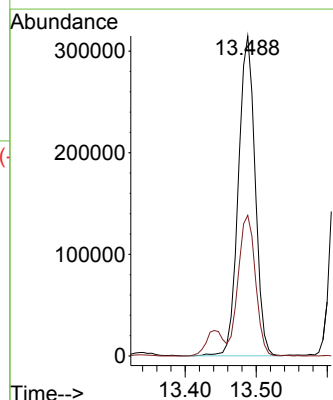
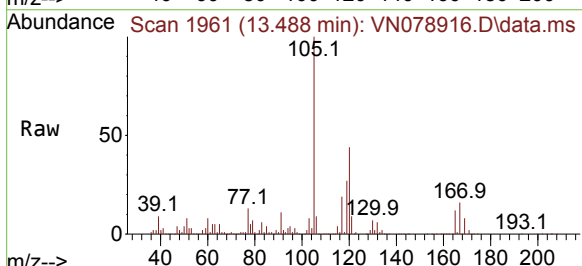
Acq: 16 Aug 2023 20:32

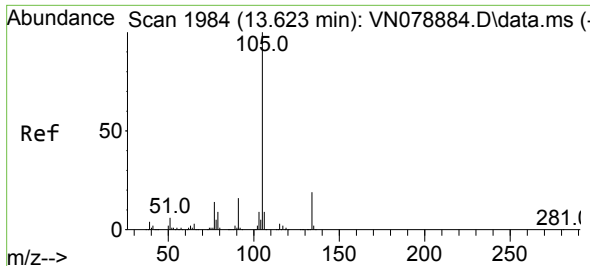
Tgt Ion:105 Resp: 516555

Ion Ratio Lower Upper

105 100

120 45.0 22.0 66.0

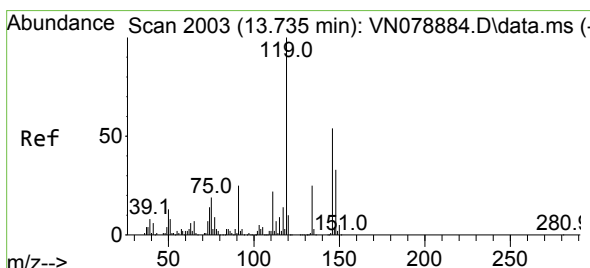
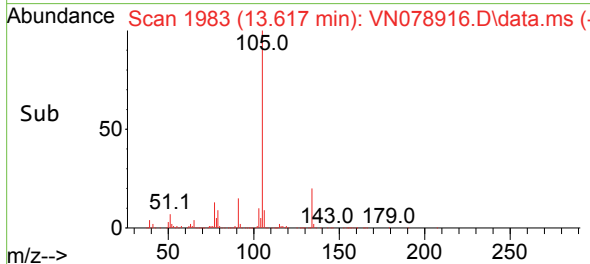
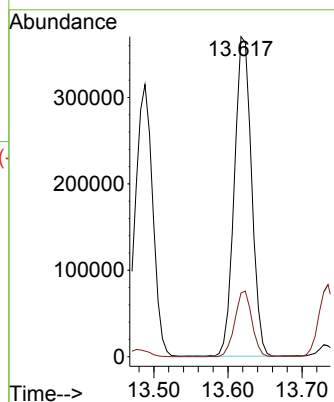
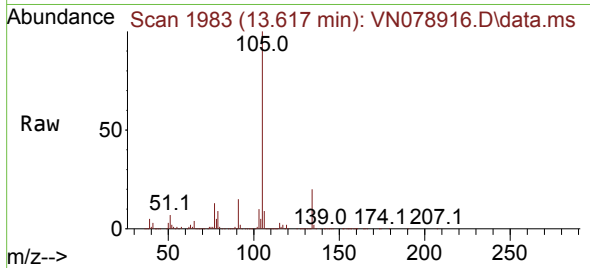




#85
 sec-Butylbenzene
 Concen: 51.147 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078916.D
 Acq: 16 Aug 2023 20:32

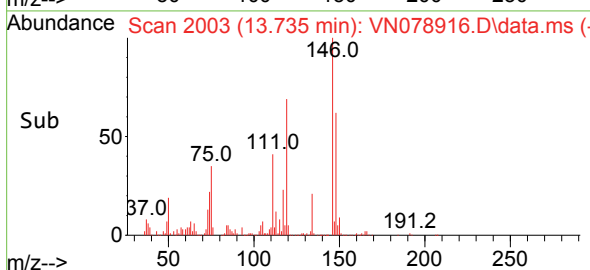
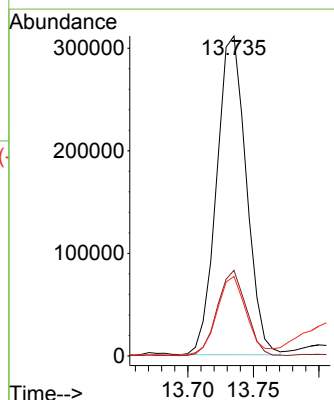
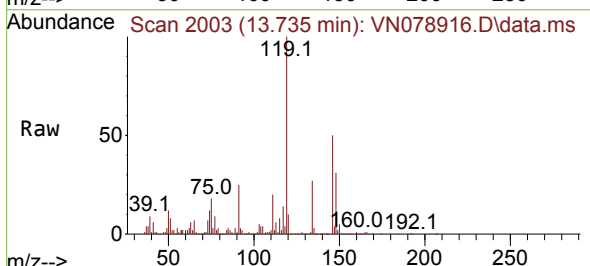
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

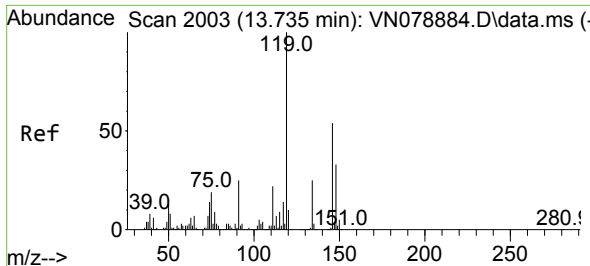
Tgt Ion:105 Resp: 597643
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.372 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078916.D
 Acq: 16 Aug 2023 20:32

Tgt Ion:119 Resp: 488933
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 24.8 12.4 37.2

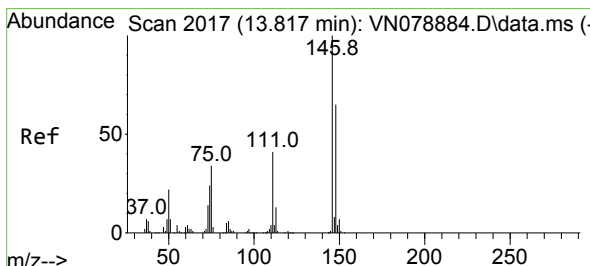
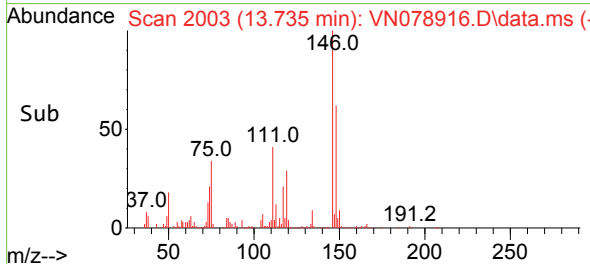
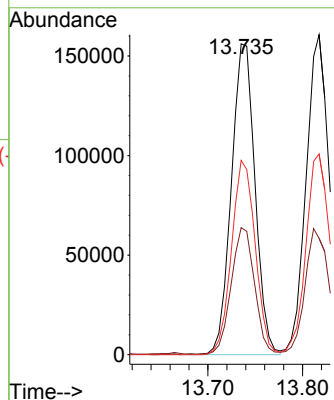
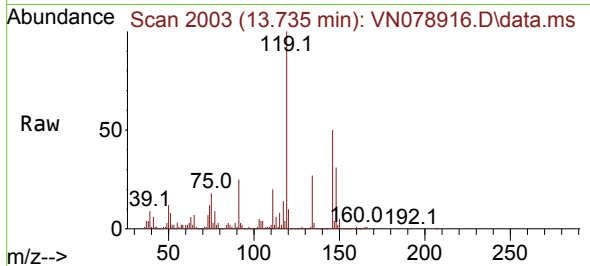




#87
1,3-Dichlorobenzene
Concen: 51.435 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

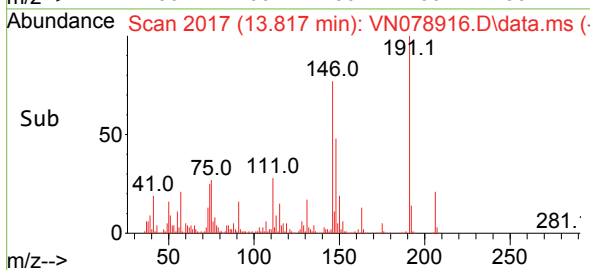
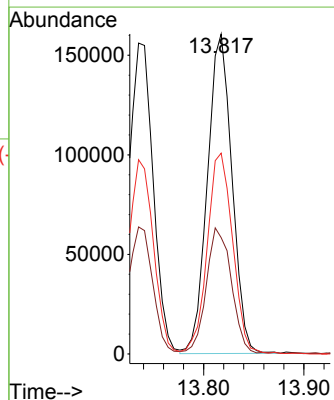
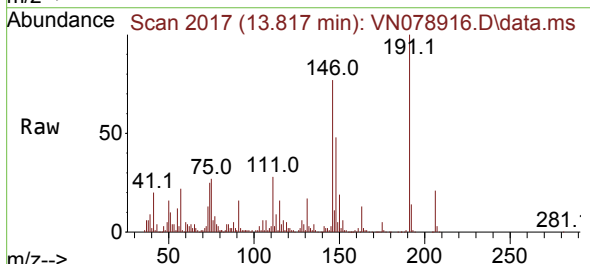
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

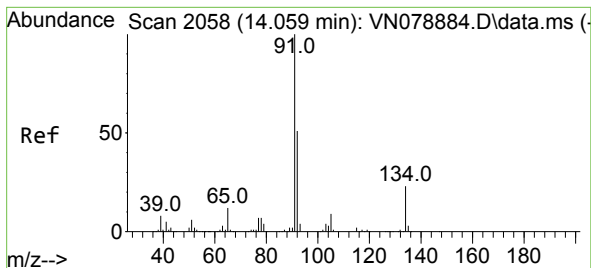
Tgt Ion:146 Resp: 271289
Ion Ratio Lower Upper
146 100
111 40.2 22.1 66.3
148 62.6 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 51.803 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078916.D
Acq: 16 Aug 2023 20:32

Tgt Ion:146 Resp: 273478
Ion Ratio Lower Upper
146 100
111 40.3 20.6 61.8
148 64.8 31.6 94.8





#89

n-Butylbenzene

Concen: 53.116 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078916.D

Acq: 16 Aug 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

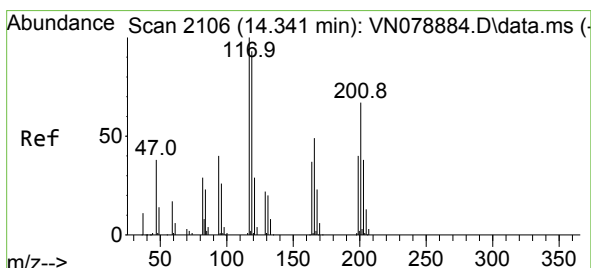
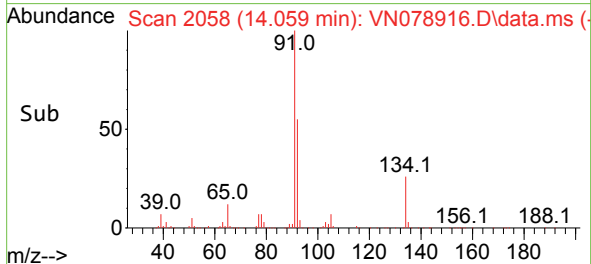
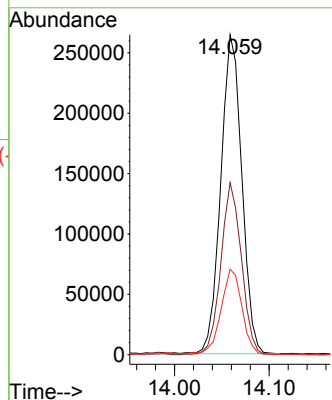
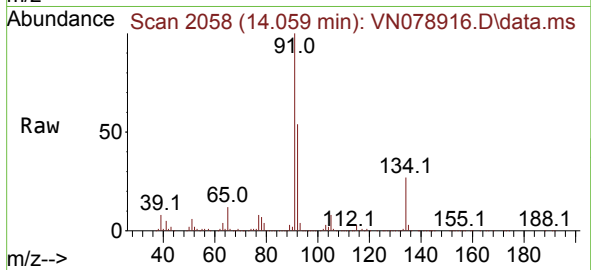
Tgt Ion: 91 Resp: 408083

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.0

134 26.9 12.6 37.6



#90

Hexachloroethane

Concen: 51.765 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN078916.D

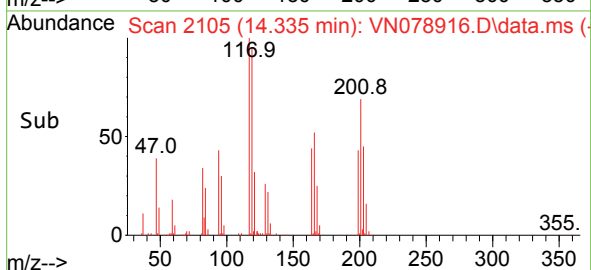
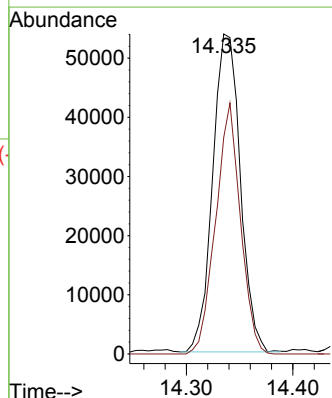
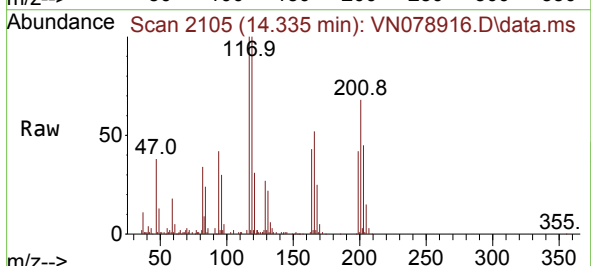
Acq: 16 Aug 2023 20:32

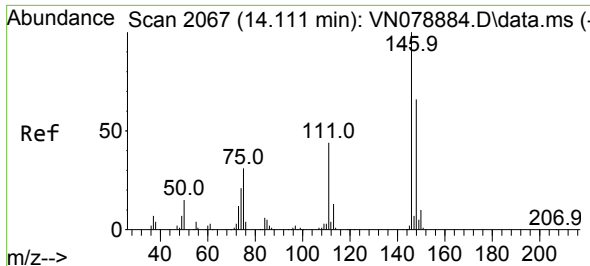
Tgt Ion: 117 Resp: 96873

Ion Ratio Lower Upper

117 100

201 70.7 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 51.902 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078916.D

Acq: 16 Aug 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

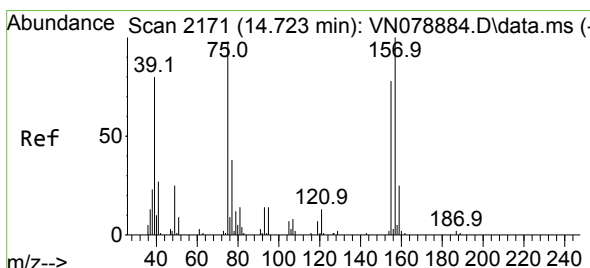
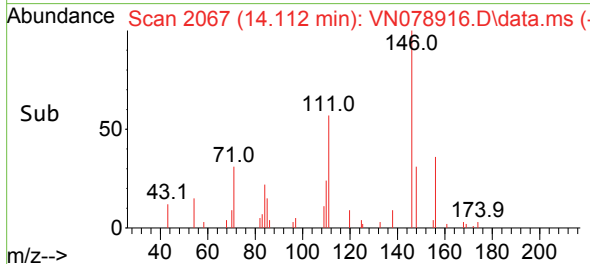
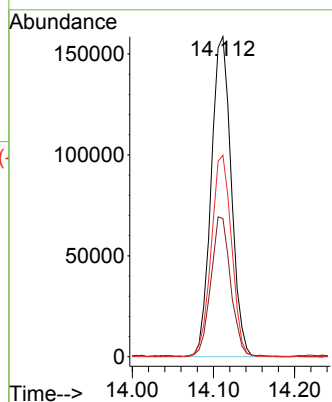
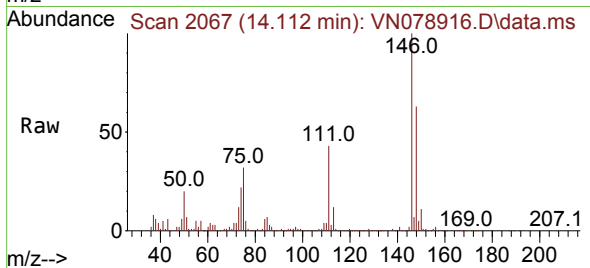
Tgt Ion:146 Resp: 272240

Ion Ratio Lower Upper

146 100

111 43.3 22.0 66.0

148 63.7 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 60.818 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078916.D

Acq: 16 Aug 2023 20:32

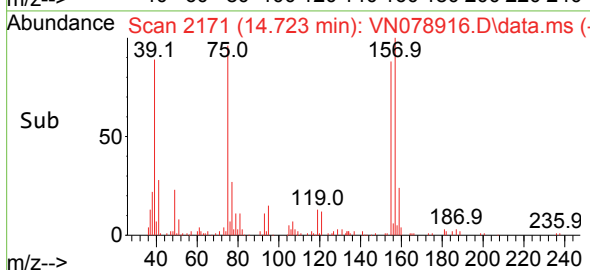
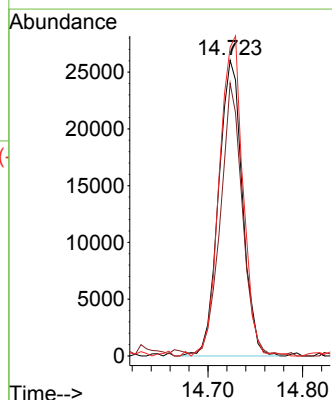
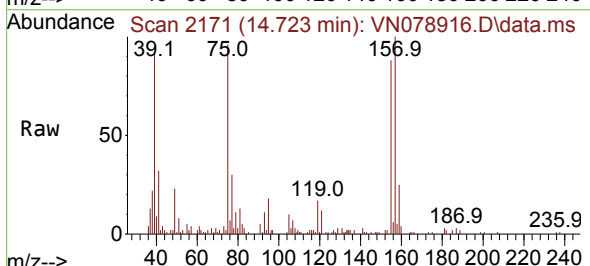
Tgt Ion: 75 Resp: 45594

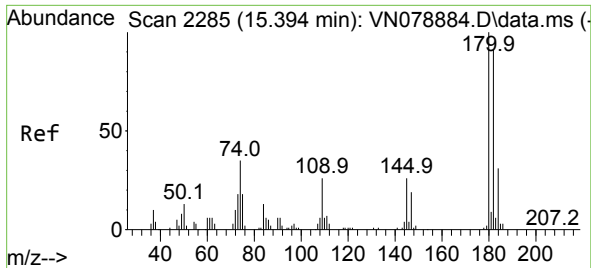
Ion Ratio Lower Upper

75 100

155 86.1 39.1 117.2

157 107.3 50.3 150.9

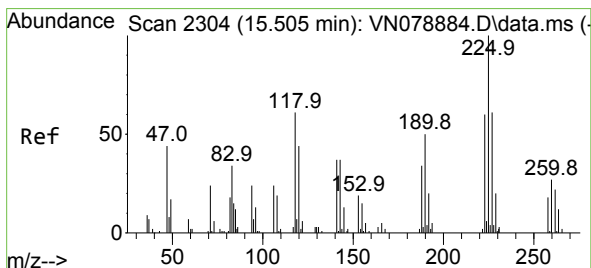
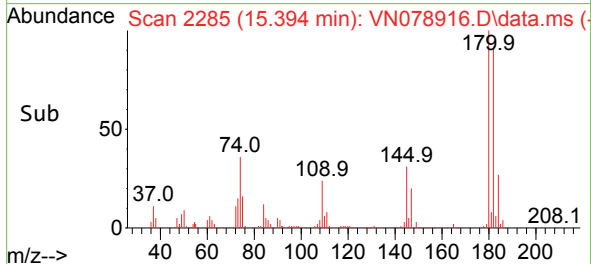
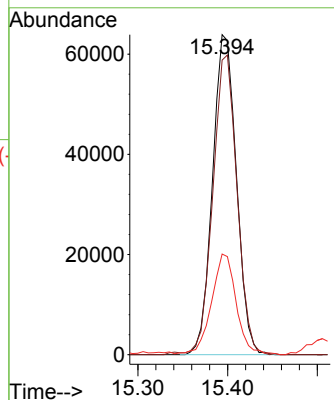
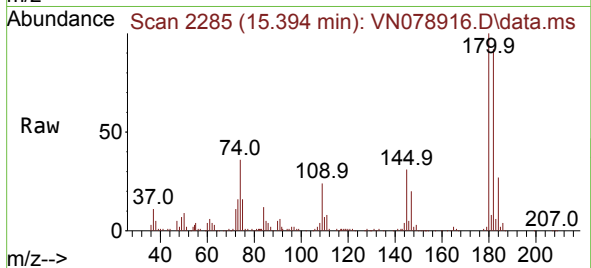




#93
 1,2,4-Trichlorobenzene
 Concen: 63.462 ug/l
 RT: 15.394 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VN078916.D
 Acq: 16 Aug 2023 20:32

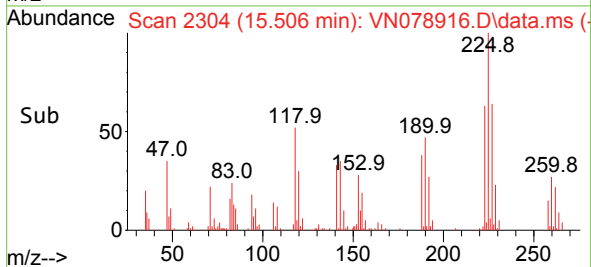
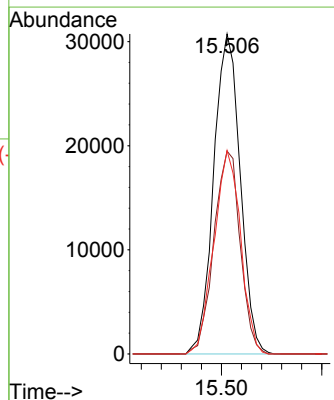
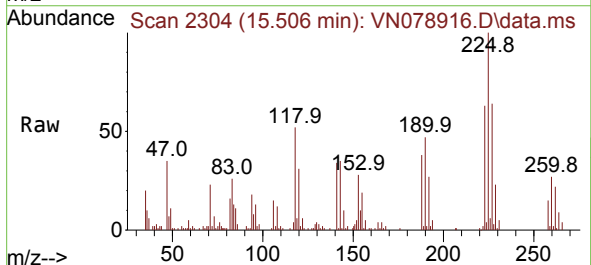
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

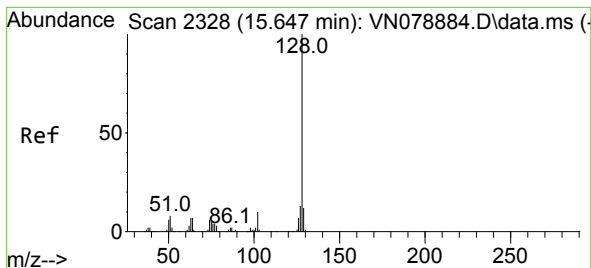
Tgt Ion:180 Resp: 118005
 Ion Ratio Lower Upper
 180 100
 182 95.0 46.1 138.2
 145 32.6 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 60.251 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078916.D
 Acq: 16 Aug 2023 20:32

Tgt Ion:225 Resp: 56273
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.3 93.8
 227 64.0 31.9 95.9





#95

Naphthalene

Concen: 59.533 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078916.D

Acq: 16 Aug 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

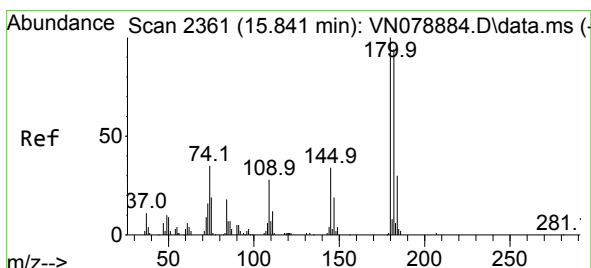
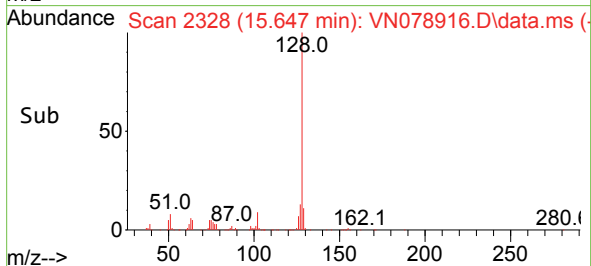
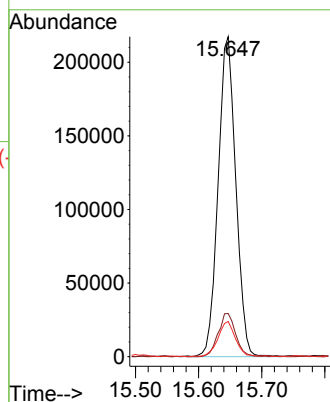
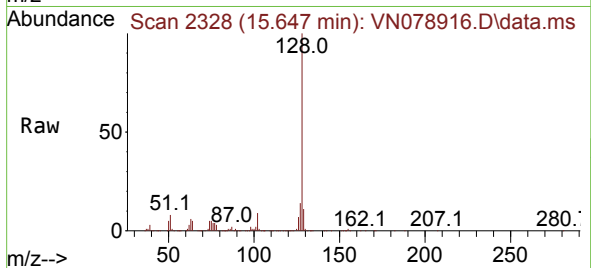
Tgt Ion:128 Resp: 423213

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 60.468 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078916.D

Acq: 16 Aug 2023 20:32

Tgt Ion:180 Resp: 123147

Ion Ratio Lower Upper

180 100

182 93.4 46.2 138.6

145 33.7 17.5 52.6

