

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082523\
 Data File : VN079045.D
 Acq On : 25 Aug 2023 10:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/28/2023
 Supervised By : Mahesh Dadoda 08/28/2023

Quant Time: Aug 25 23:00:59 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	228668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	374741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	342379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	153388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	159937	44.948	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.900%		
35) Dibromofluoromethane	8.171	113	133916	53.087	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.180%		
50) Toluene-d8	10.571	98	468344	50.002	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.000%		
62) 4-Bromofluorobenzene	12.853	95	165155	53.945	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	147437	46.468	ug/l	99
3) Chloromethane	2.365	50	153167	34.575	ug/l	97
4) Vinyl Chloride	2.512	62	164040	42.224	ug/l	100
5) Bromomethane	2.936	94	92638	41.531	ug/l	97
6) Chloroethane	3.112	64	110909	40.837	ug/l	96
7) Trichlorofluoromethane	3.489	101	225590	47.674	ug/l	95
8) Diethyl Ether	3.959	74	88125	49.125	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.371	101	121571	48.239	ug/l	97
10) Methyl Iodide	4.589	142	154128	54.661	ug/l	98
11) Tert butyl alcohol	5.530	59	142866	239.273	ug/l	98
12) 1,1-Dichloroethene	4.336	96	115058	46.868	ug/l	85
13) Acrolein	4.183	56	75955	231.980	ug/l	95
14) Allyl chloride	5.024	41	212449	43.481	ug/l #	87
15) Acrylonitrile	5.724	53	381141	235.631	ug/l	98
16) Acetone	4.430	43	361856	246.463	ug/l	93
17) Carbon Disulfide	4.712	76	295725	43.034	ug/l	98
18) Methyl Acetate	5.030	43	289903	46.741	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	452824	51.206	ug/l #	91
20) Methylene Chloride	5.277	84	146438	46.803	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	128865	46.811	ug/l #	85
22) Diisopropyl ether	6.677	45	508658	49.210	ug/l #	88
23) Vinyl Acetate	6.612	43	1635327	240.279	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	267628	47.395	ug/l	99
25) 2-Butanone	7.488	43	552076	234.535	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	219481	48.085	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	158991	47.517	ug/l	83
28) Bromochloromethane	7.818	49	132454	44.218	ug/l #	77
29) Tetrahydrofuran	7.841	42	359737	230.890	ug/l #	72
30) Chloroform	7.971	83	270282	47.910	ug/l	93
31) Cyclohexane	8.259	56	206588	46.362	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	235364	48.930	ug/l	96
36) 1,1-Dichloropropene	8.377	75	197476	52.042	ug/l	95
37) Ethyl Acetate	7.565	43	220004	51.820	ug/l #	88
38) Carbon Tetrachloride	8.365	117	204917	53.896	ug/l	96
39) Methylcyclohexane	9.606	83	185818	53.245	ug/l	90
40) Benzene	8.612	78	581804	51.873	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	126187	54.572	ug/l #	80
42) 1,2-Dichloroethane	8.671	62	221381	52.832	ug/l	97
43) Isopropyl Acetate	8.694	43	382434	50.964	ug/l #	88
44) Trichloroethene	9.359	130	150596	56.509	ug/l	90
45) 1,2-Dichloropropane	9.629	63	156319	52.348	ug/l	94
46) Dibromomethane	9.712	93	107411	52.442	ug/l	92
47) Bromodichloromethane	9.894	83	214563	53.051	ug/l	90
48) Methyl methacrylate	9.688	41	177855	52.303	ug/l #	79
49) 1,4-Dioxane	9.694	88	63701	1099.813	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1141213	256.414	ug/l #	85
52) Toluene	10.635	92	360797	52.395	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	243807	56.212	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	254787	53.937	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	150247	54.416	ug/l	97
56) Ethyl methacrylate	10.876	69	235708	55.071	ug/l #	72
57) 1,3-Dichloropropane	11.171	76	260521	52.753	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	447558	217.839	ug/l	90
59) 2-Hexanone	11.200	43	824063	255.633	ug/l	84
60) Dibromochloromethane	11.365	129	165307	56.894	ug/l	99
61) 1,2-Dibromoethane	11.471	107	153143	54.580	ug/l	97
64) Tetrachloroethene	11.112	164	118435	55.160	ug/l	96
65) Chlorobenzene	11.894	112	390845	53.628	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	149215	54.177	ug/l	97
67) Ethyl Benzene	11.970	91	690767	52.120	ug/l	96
68) m/p-Xylenes	12.076	106	528037	106.562	ug/l	99
69) o-Xylene	12.400	106	261719	54.295	ug/l	97
70) Styrene	12.418	104	428120	53.265	ug/l	97
71) Bromoform	12.582	173	116240	58.052	ug/l #	99
73) Isopropylbenzene	12.700	105	646359	50.537	ug/l	99
74) N-amyl acetate	12.500	43	317331	49.154	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	221312	47.923	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	173504m	46.945	ug/l	
77) Bromobenzene	12.982	156	160033	52.056	ug/l	99
78) n-propylbenzene	13.041	91	745915	50.294	ug/l	99
79) 2-Chlorotoluene	13.129	91	452456	49.180	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	527462	52.041	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	73348	50.697	ug/l	88
82) 4-Chlorotoluene	13.229	91	446628	49.615	ug/l	98
83) tert-Butylbenzene	13.441	119	455491	53.487	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	518516	51.666	ug/l	97
85) sec-Butylbenzene	13.617	105	607101	51.803	ug/l	98
86) p-Isopropyltoluene	13.735	119	505004	53.934	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	274188	51.831	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	270168	51.025	ug/l	98
89) n-Butylbenzene	14.059	91	410545	53.279	ug/l	98
90) Hexachloroethane	14.335	117	93397	49.760	ug/l	86
91) 1,2-Dichlorobenzene	14.112	146	275608	52.389	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40238	52.945	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	111439	59.754	ug/l	95
94) Hexachlorobutadiene	15.506	225	54807	58.072	ug/l	100
95) Naphthalene	15.647	128	345551	48.943	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	113715	55.671	ug/l	96

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

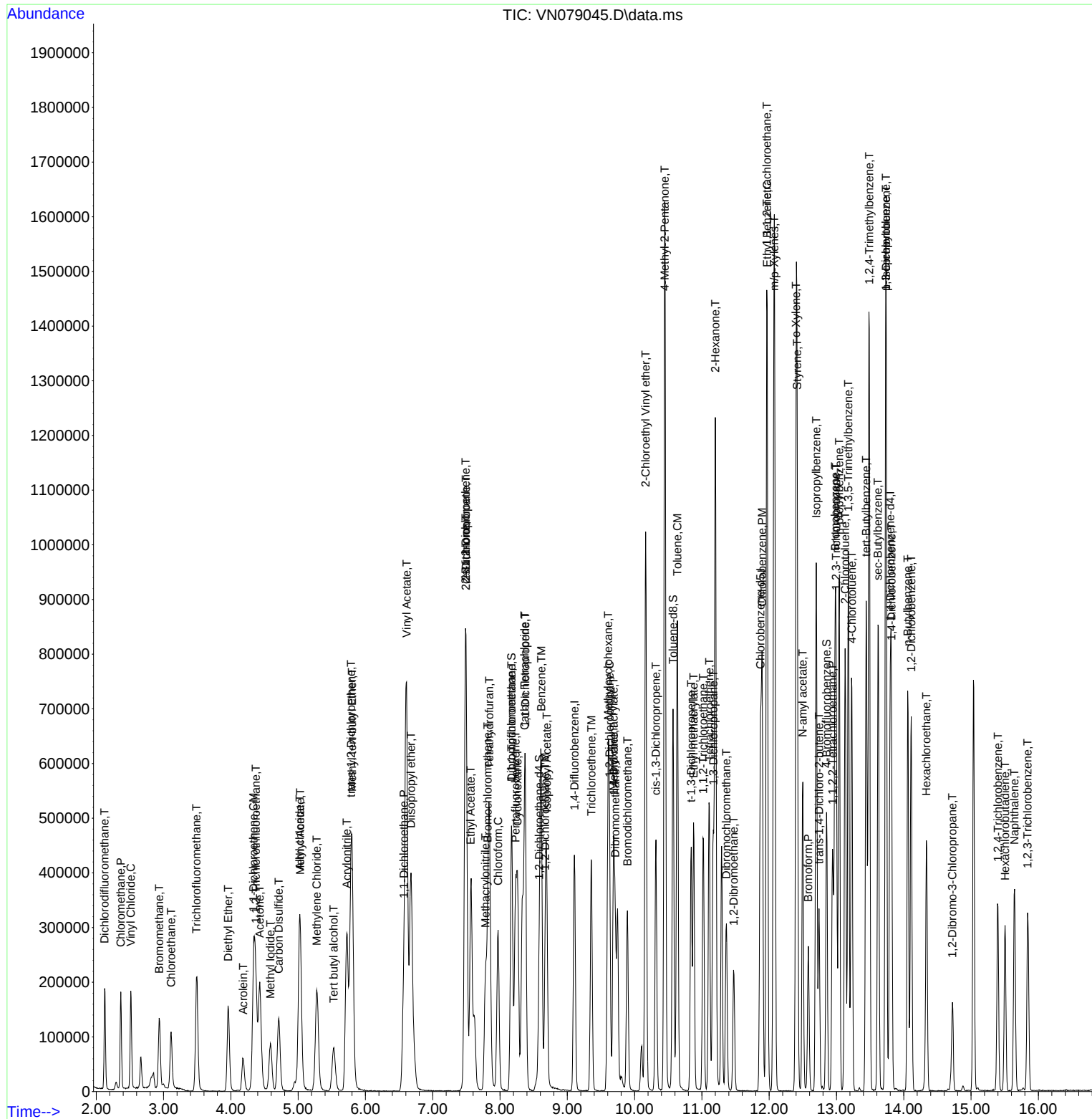
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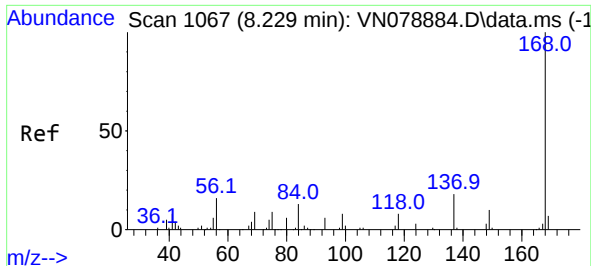
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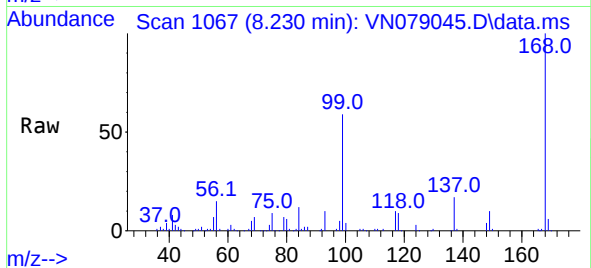
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079045.D
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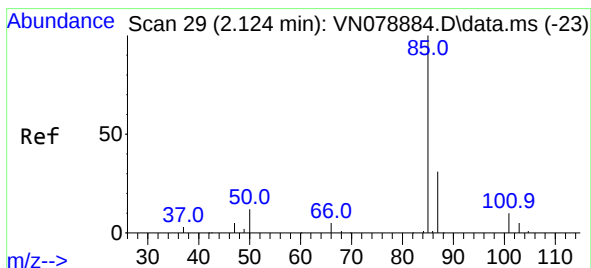
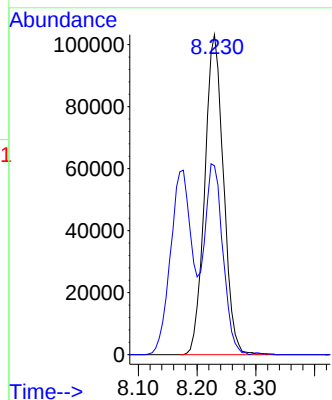
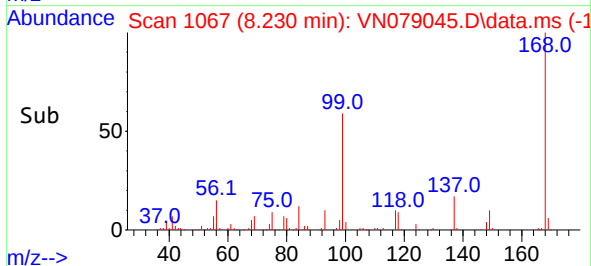
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Tgt Ion:168 Resp: 228668
Ion Ratio Lower Upper
168 100
99 59.0 53.0 79.6

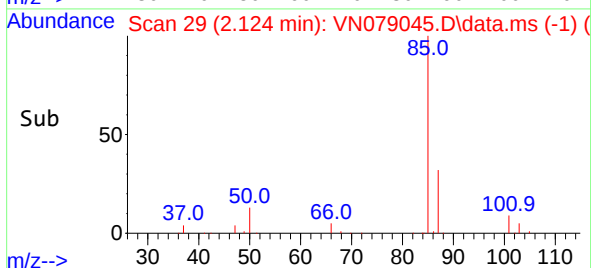
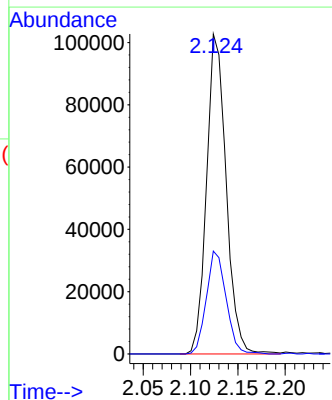
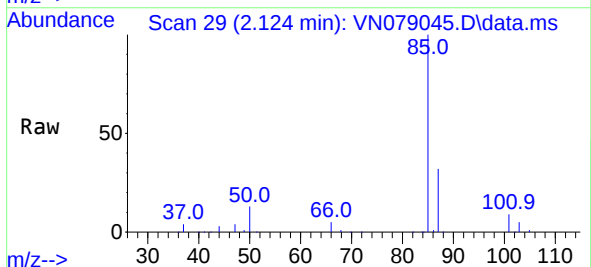
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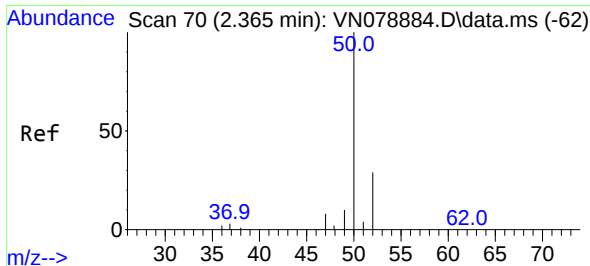
Reviewed By :John Carlone 08/28/2023
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#2
Dichlorodifluoromethane
Concen: 46.468 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

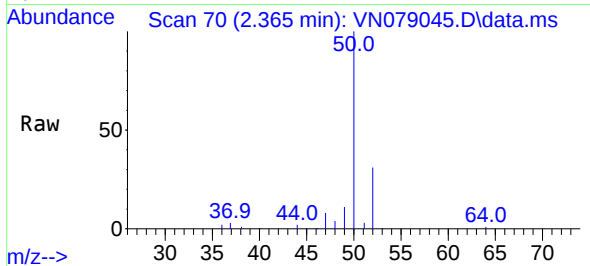
Tgt Ion: 85 Resp: 147437
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





#3
Chloromethane
Concen: 34.575 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

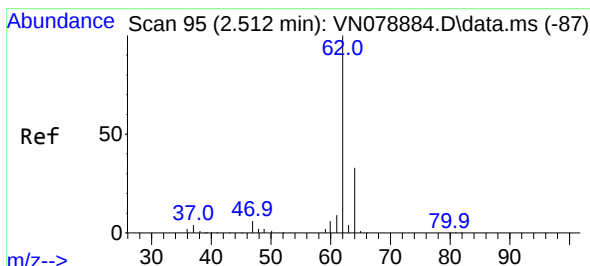
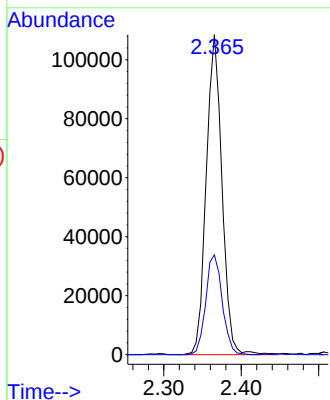
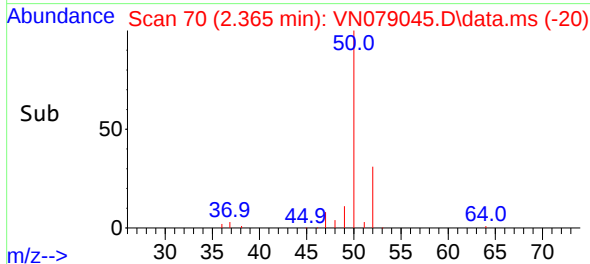
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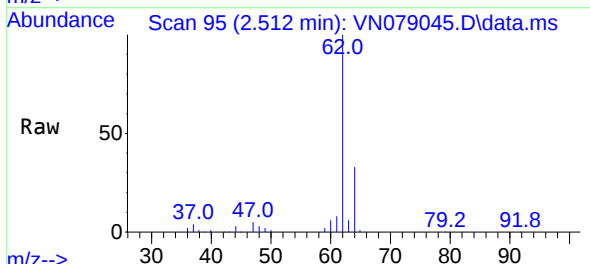
Tgt Ion: 50 Resp: 15316
Ion Ratio Lower Upper
50 100
52 31.2 26.5 39.7

Manual Integrations
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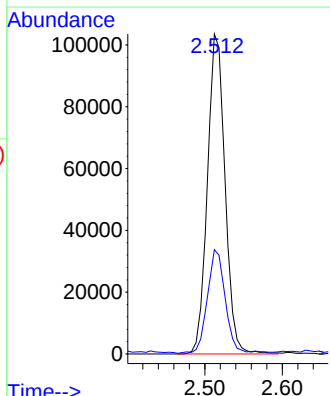
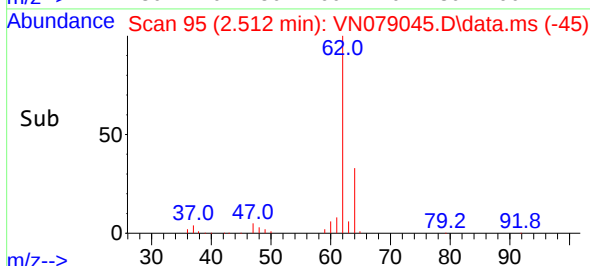
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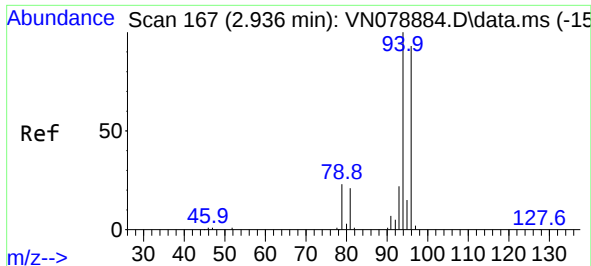


#4
Vinyl Chloride
Concen: 42.224 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



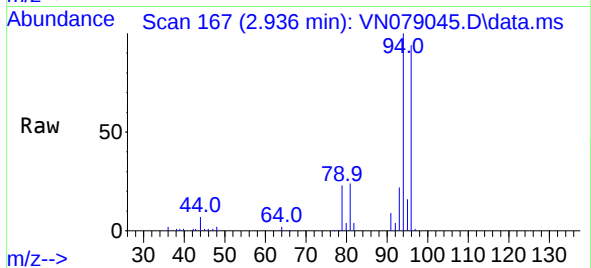
Tgt Ion: 62 Resp: 164040
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.2





#5
Bromomethane
Concen: 41.531 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN079045.D
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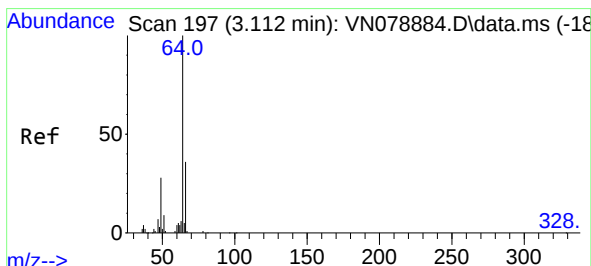
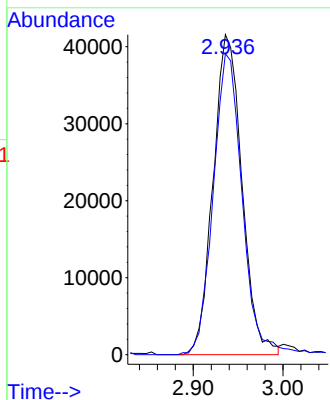
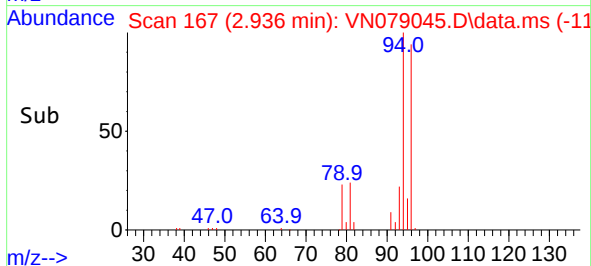
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Tgt Ion: 94 Resp: 92638
Ion Ratio Lower Upper
94 100
96 94.1 73.1 109.7

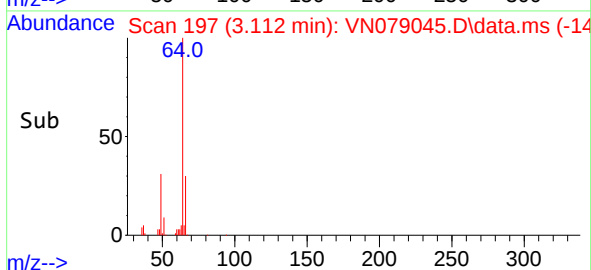
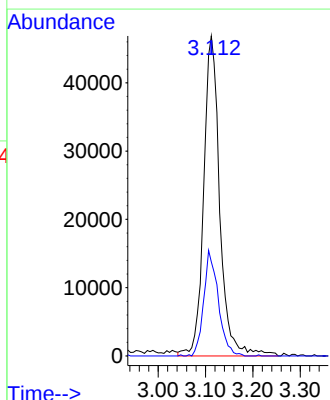
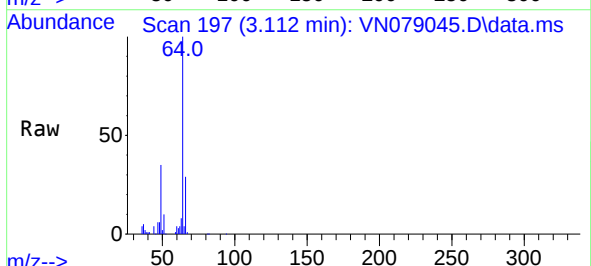
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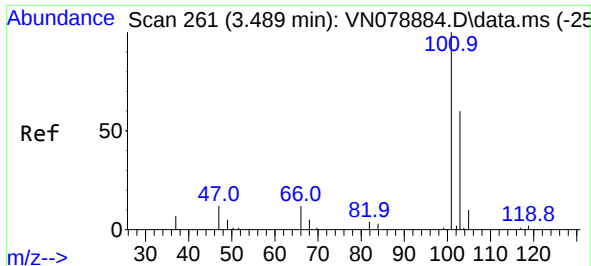
Reviewed By :John Carlone 08/28/2023
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#6
Chloroethane
Concen: 40.837 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

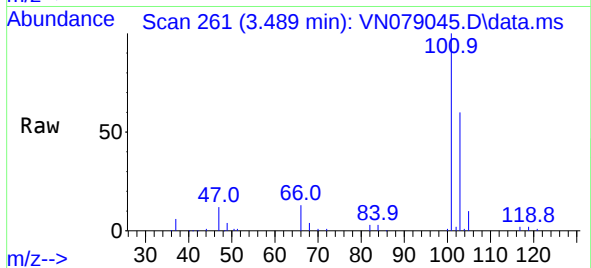
Tgt Ion: 64 Resp: 110909
Ion Ratio Lower Upper
64 100
66 29.4 25.4 38.2





#7
Trichlorofluoromethane
Concen: 47.674 ug/l
RT: 3.489 min Scan# 20
Delta R.T. -0.012 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

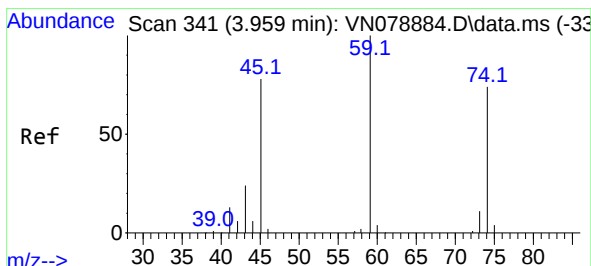
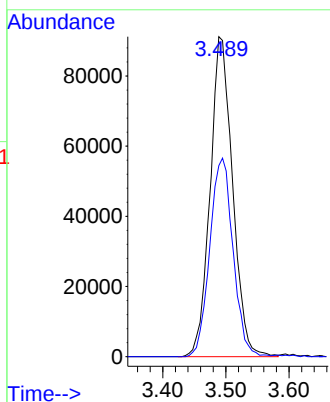
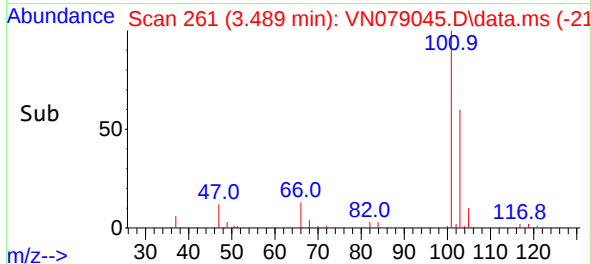
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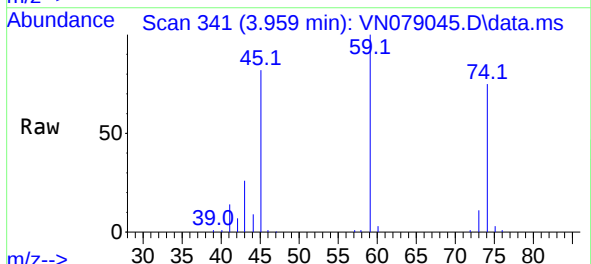
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Ion Ratio Lower Upper
101 100
103 59.7 50.7 76.1

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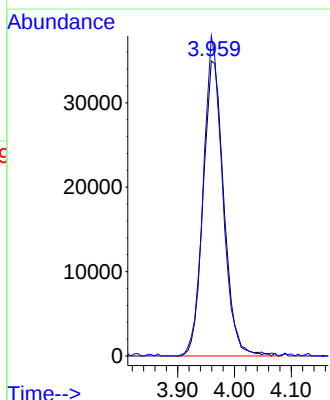
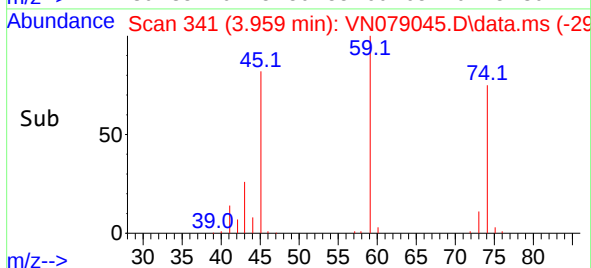
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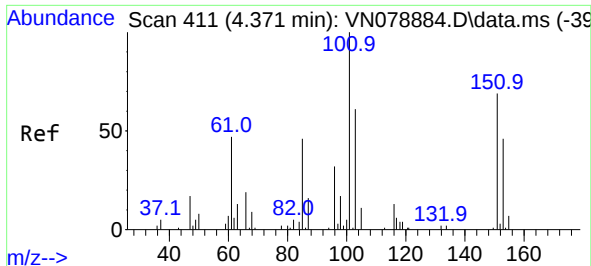


#8
Diethyl Ether
Concen: 49.125 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



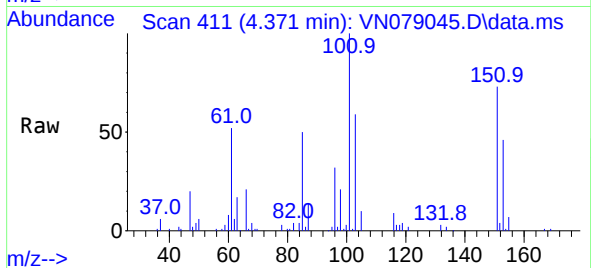
Tgt Ion: 74 Resp: 88125
Ion Ratio Lower Upper
74 100
45 101.3 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.239 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

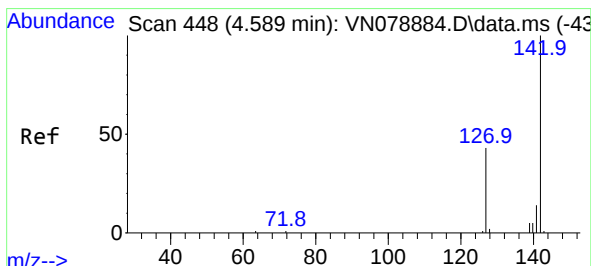
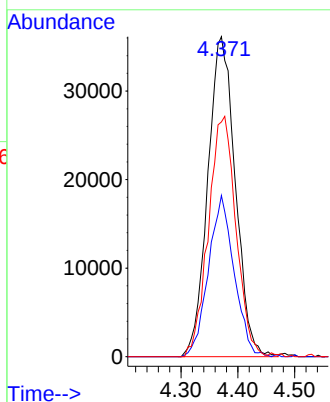
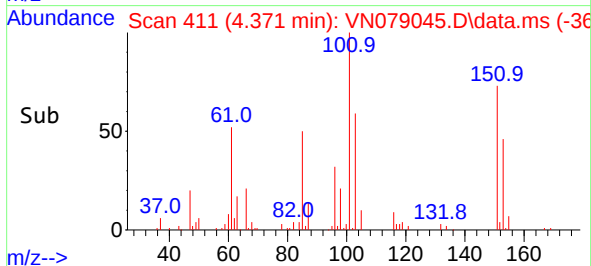
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



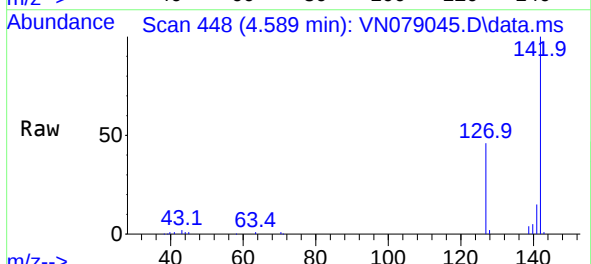
Tgt Ion:101 Resp: 12157
Ion Ratio Lower Upper
101 100
85 47.0 36.6 55.0
151 75.2 57.6 86.4

Manual Integrations
APPROVED

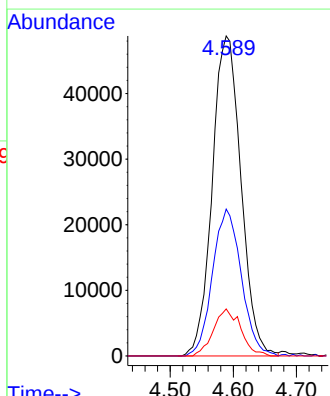
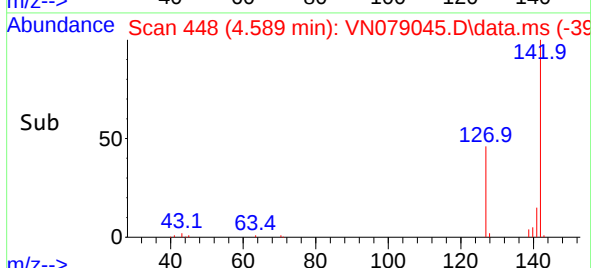
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

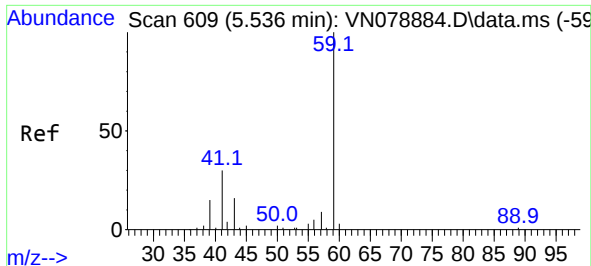


#10
Methyl Iodide
Concen: 54.661 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



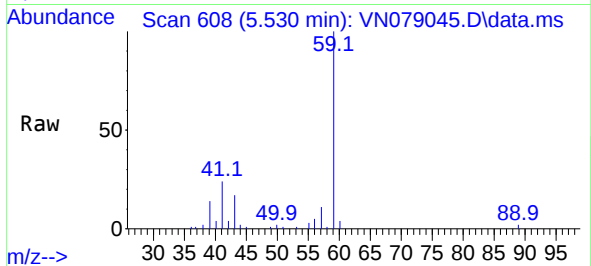
Tgt Ion:142 Resp: 154128
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 14.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 239.273 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

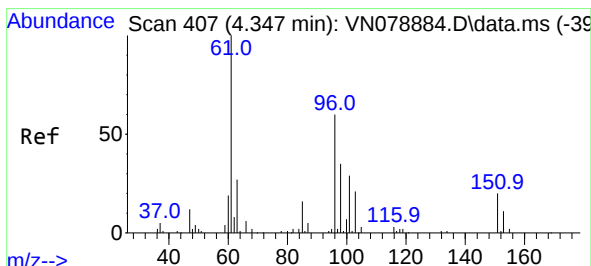
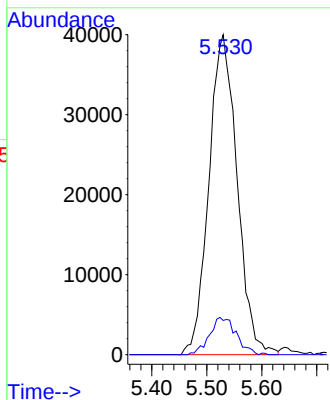
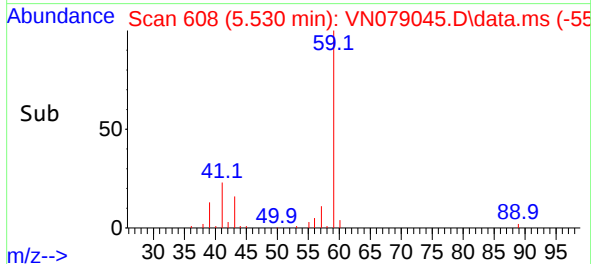
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



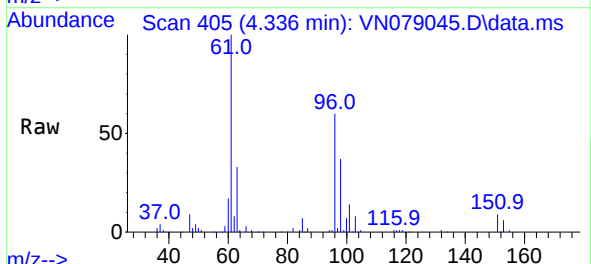
Tgt Ion: 59 Resp: 142860
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4

Manual Integrations
APPROVED

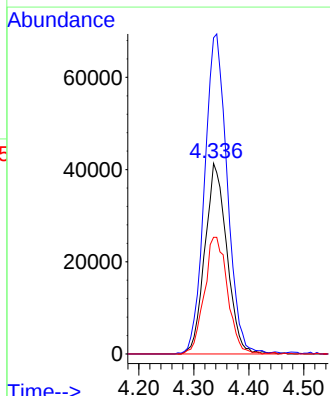
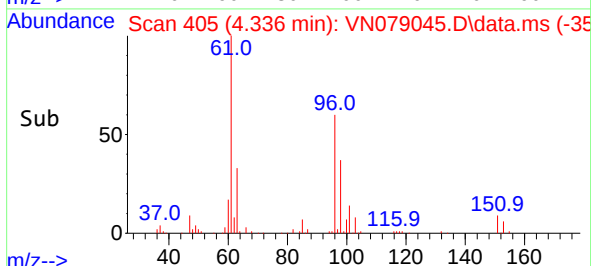
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

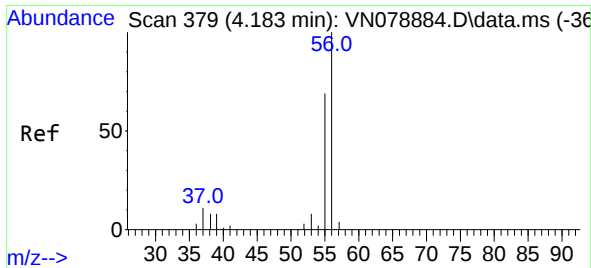


#12
1,1-Dichloroethene
Concen: 46.868 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



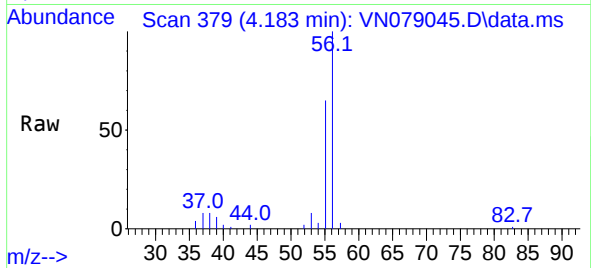
Tgt Ion: 96 Resp: 115058
Ion Ratio Lower Upper
96 100
61 165.3 112.7 169.1
98 61.2 51.2 76.8





#13
Acrolein
Concen: 231.980 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

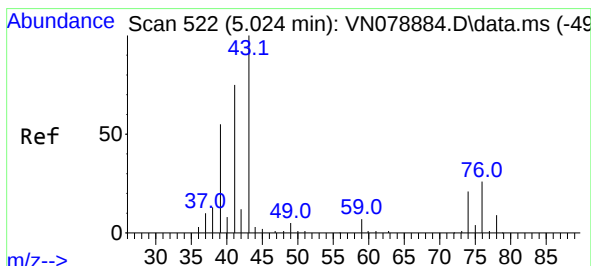
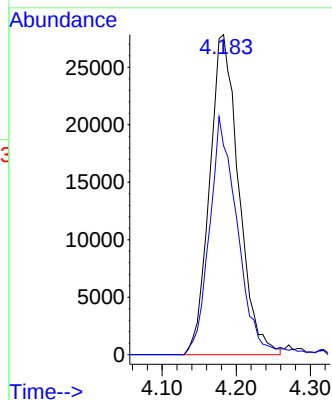
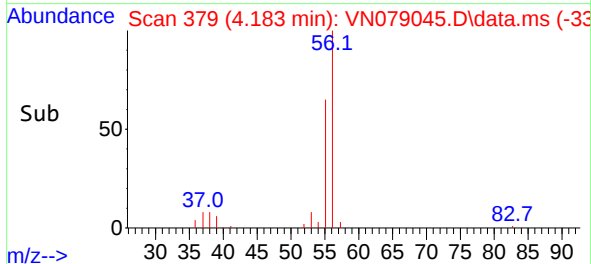
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



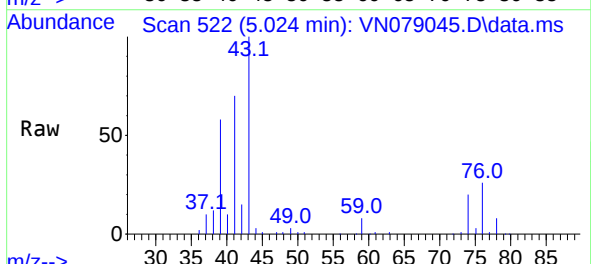
Tgt Ion: 56 Resp: 7595
Ion Ratio Lower Upper
56 100
55 71.9 54.5 81.7

Manual Integrations
APPROVED

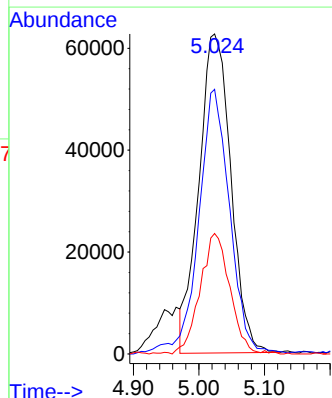
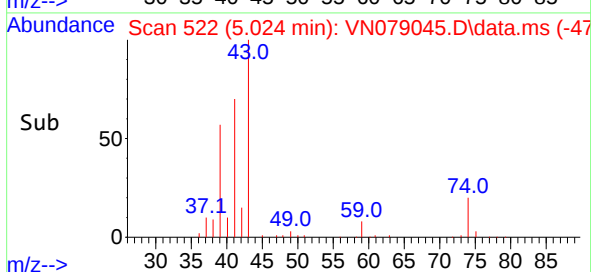
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

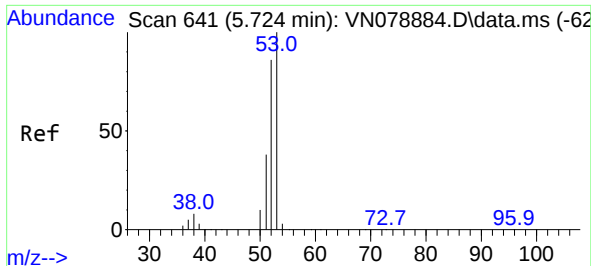


#14
Allyl chloride
Concen: 43.481 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



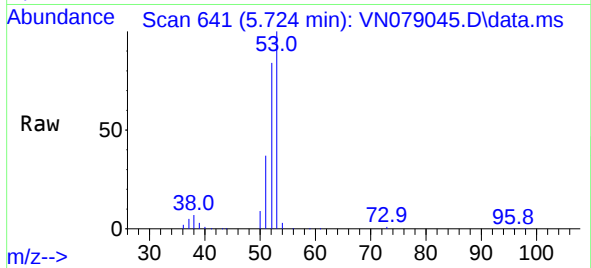
Tgt Ion: 41 Resp: 212449
Ion Ratio Lower Upper
41 100
39 80.8 58.8 88.2
76 35.1 39.1 58.7#





#15
Acrylonitrile
Concen: 235.631 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

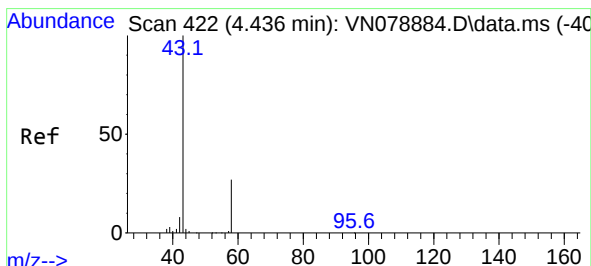
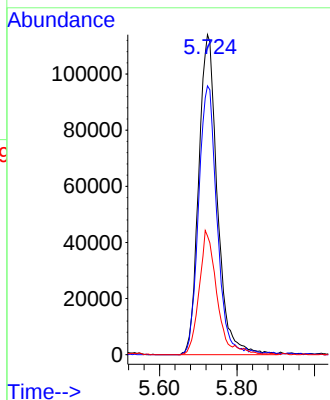
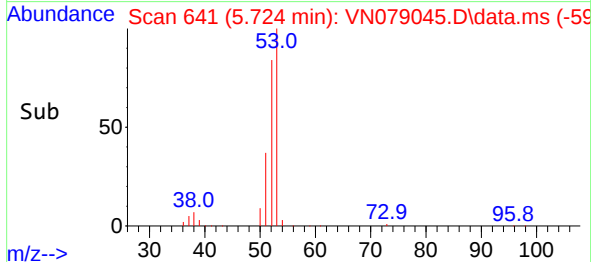
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



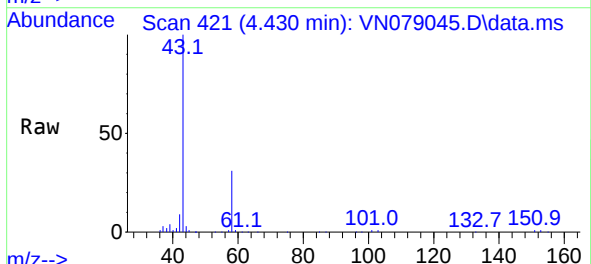
Tgt Ion: 53 Resp: 38114
Ion Ratio Lower Upper
53 100
52 83.0 65.3 97.9
51 37.2 28.9 43.3

Manual Integrations
APPROVED

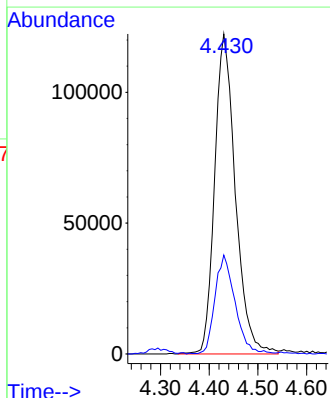
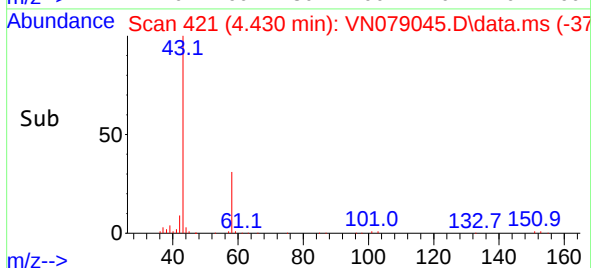
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

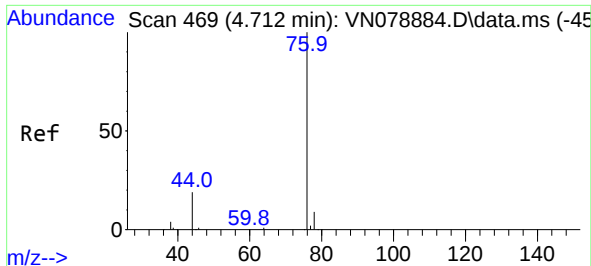


#16
Acetone
Concen: 246.463 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



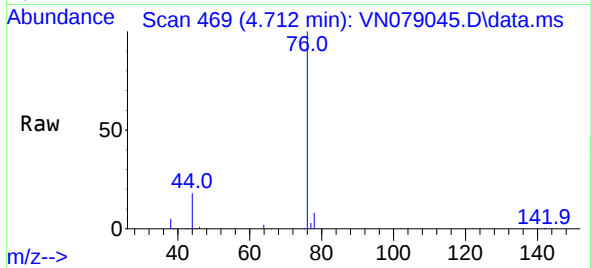
Tgt Ion: 43 Resp: 361856
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0





#17
Carbon Disulfide
Concen: 43.034 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.012 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

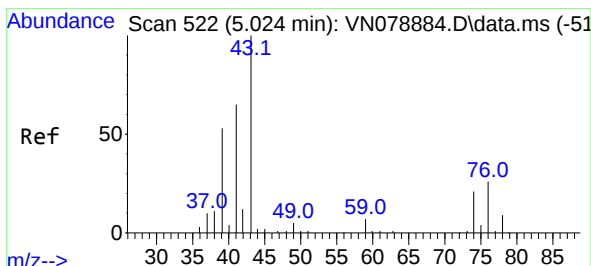
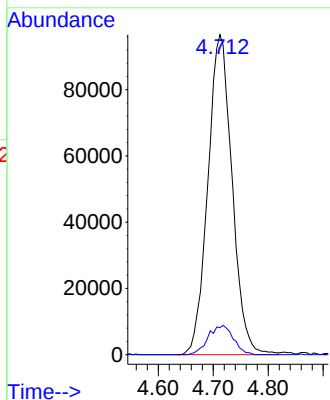
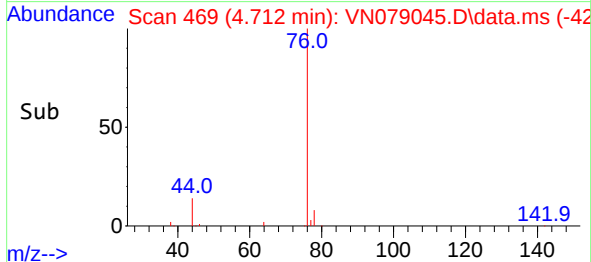
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



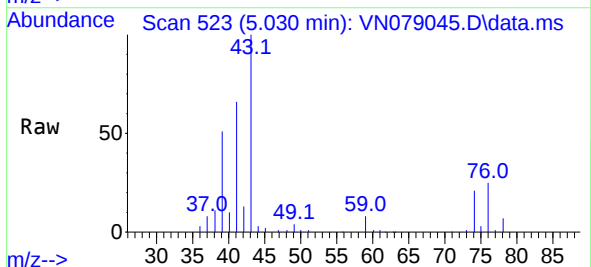
Tgt Ion: 76 Resp: 29572
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

Manual Integrations
APPROVED

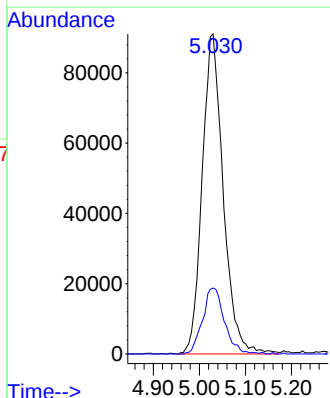
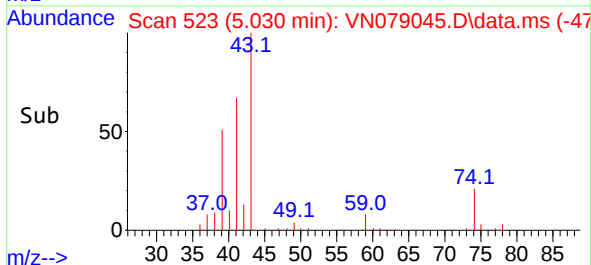
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

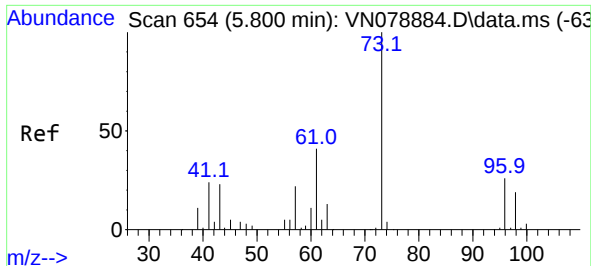


#18
Methyl Acetate
Concen: 46.741 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



Tgt Ion: 43 Resp: 289903
Ion Ratio Lower Upper
43 100
74 21.3 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 51.206 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

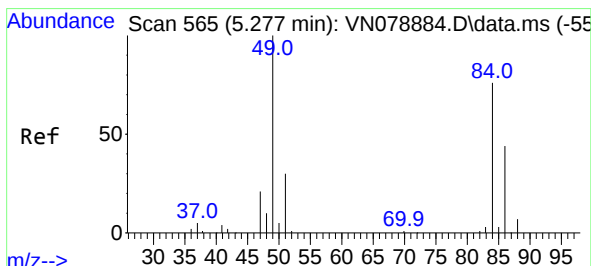
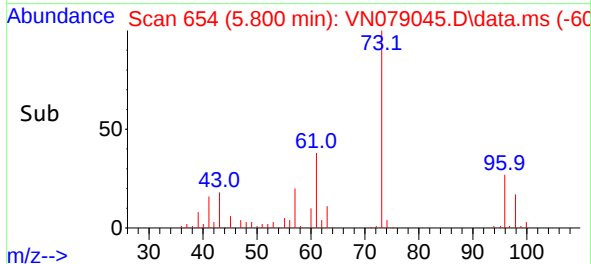
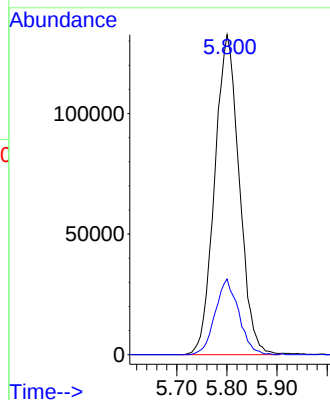
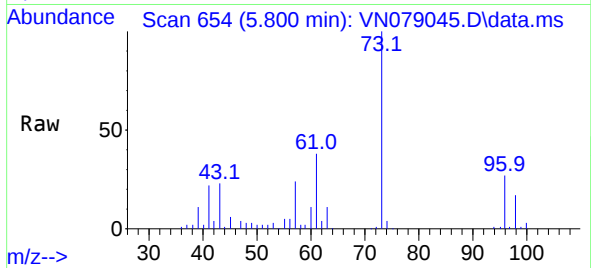
VSTDCCC050

Tgt Ion: 73 Resp: 452824
Ion Ratio Lower Upper
73 100
57 23.6 15.6 23.4

Manual Integrations

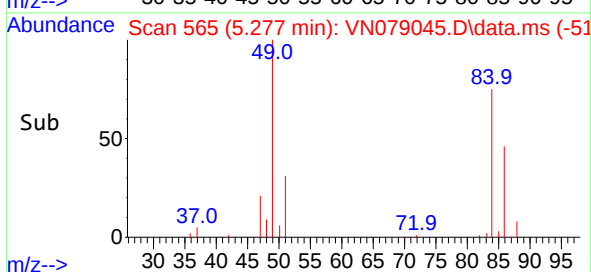
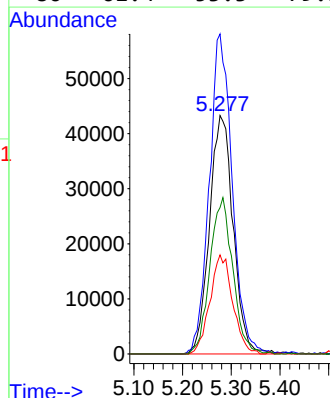
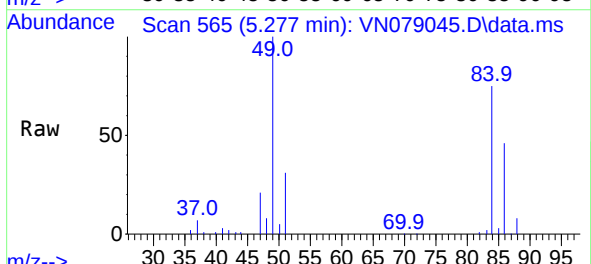
APPROVED

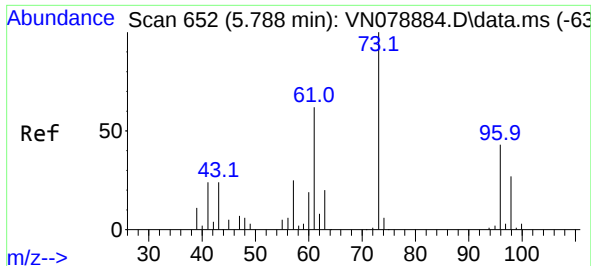
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#20
Methylene Chloride
Concen: 46.803 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

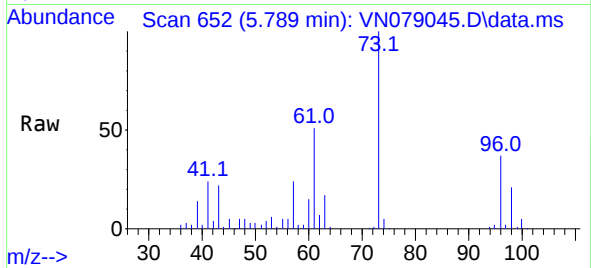
Tgt Ion: 84 Resp: 146438
Ion Ratio Lower Upper
84 100
49 134.2 79.7 119.5#
51 41.5 25.2 37.8#
86 61.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.811 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

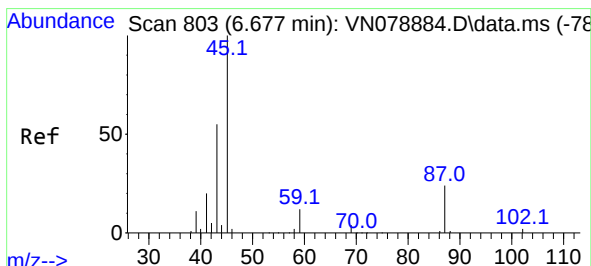
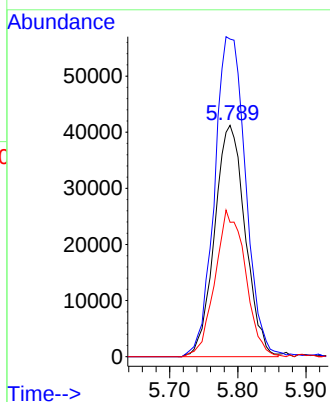
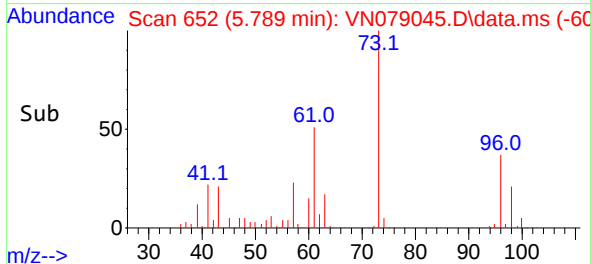
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



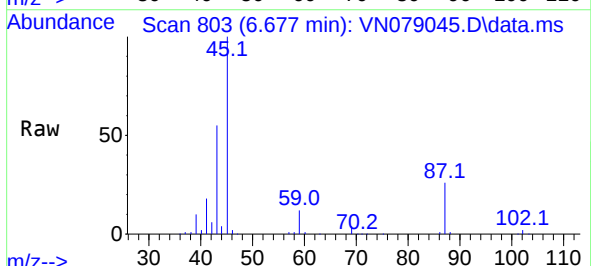
Tgt Ion: 96 Resp: 12886
Ion Ratio Lower Upper
96 100
61 137.3 90.1 135.1
98 58.1 46.4 69.6

Manual Integrations
APPROVED

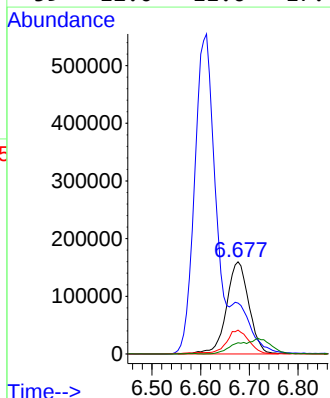
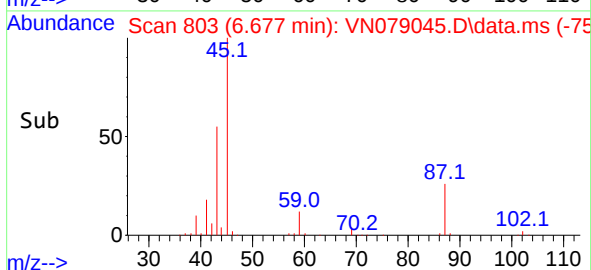
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

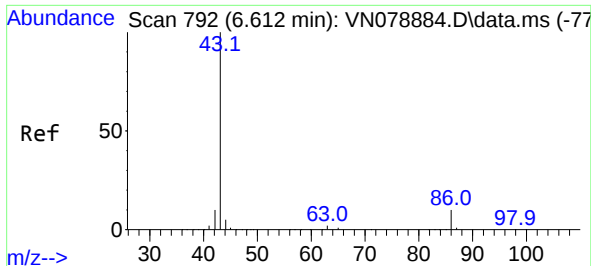


#22
Diisopropyl ether
Concen: 49.210 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



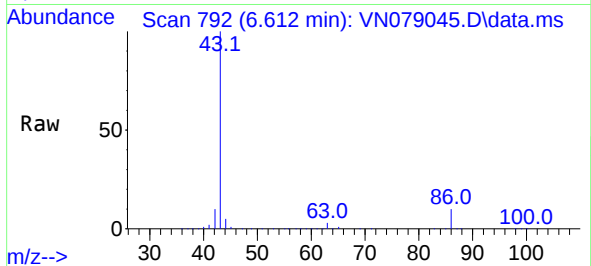
Tgt Ion: 45 Resp: 508658
Ion Ratio Lower Upper
45 100
43 52.7 45.5 68.3
87 25.7 31.8 47.8
59 12.0 11.6 17.4





#23
 Vinyl Acetate
 Concen: 240.279 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN079045.D
 Acq: 25 Aug 2023 10:30

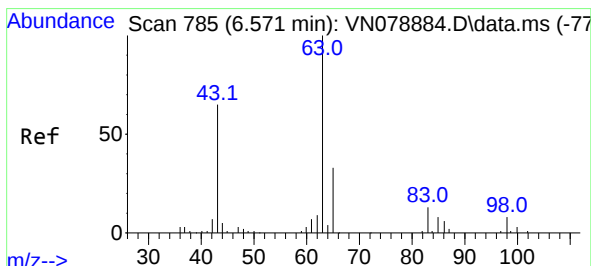
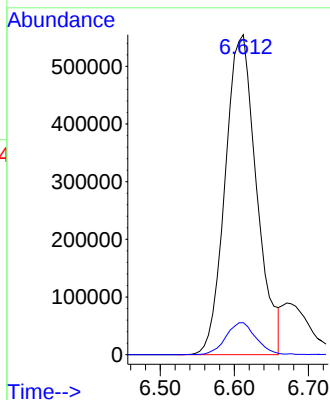
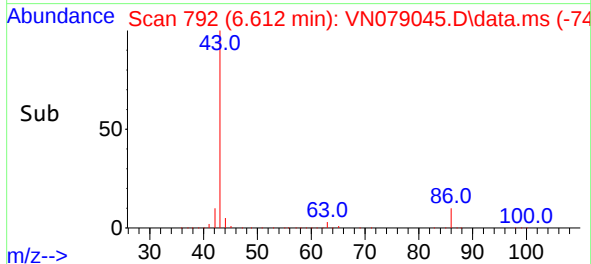
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



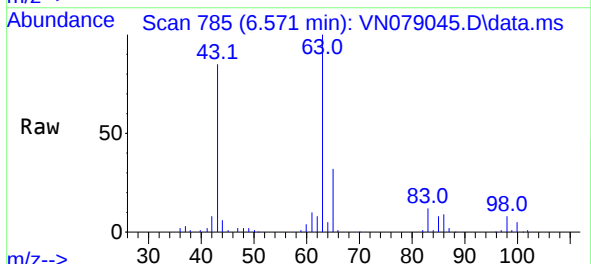
Tgt Ion: 43 Resp: 163532
 Ion Ratio Lower Upper
 43 100
 86 10.0 13.0 19.6

Manual Integrations
 APPROVED

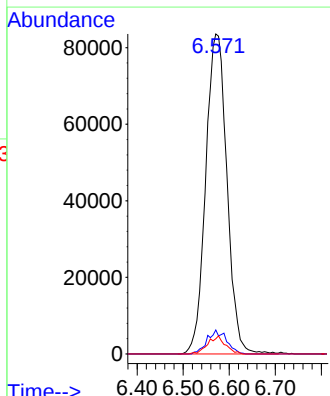
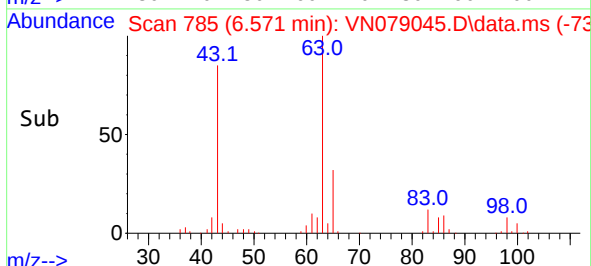
Reviewed By :John Carlone 08/28/2023
 Supervised By :Mahesh Dadoda 08/28/2023

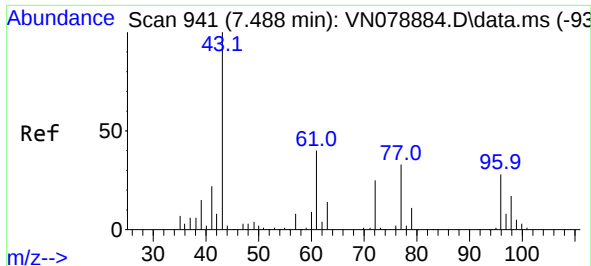


#24
 1,1-Dichloroethane
 Concen: 47.395 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079045.D
 Acq: 25 Aug 2023 10:30



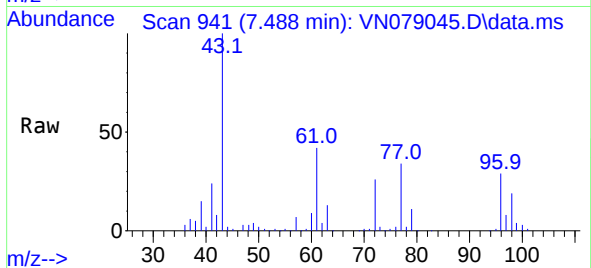
Tgt Ion: 63 Resp: 267628
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.7 2.5 7.4





#25
2-Butanone
Concen: 234.535 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

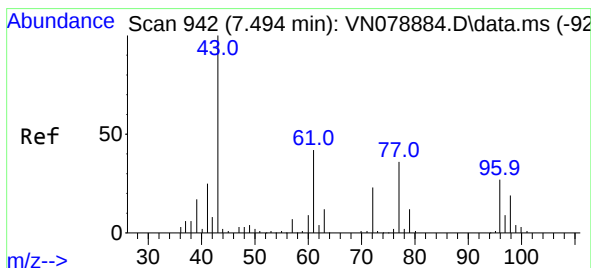
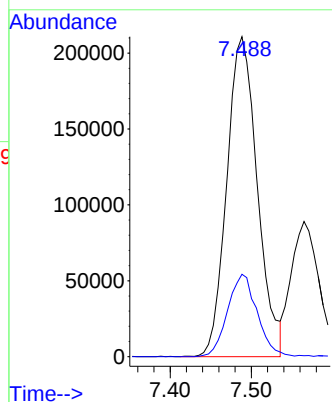
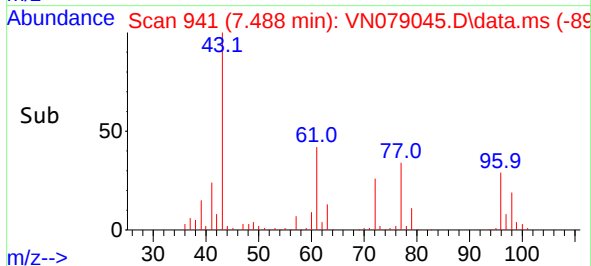
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



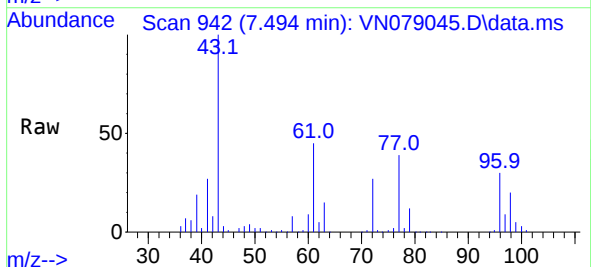
Tgt Ion: 43 Resp: 552070
Ion Ratio Lower Upper
43 100
72 25.8 30.2 45.2

Manual Integrations
APPROVED

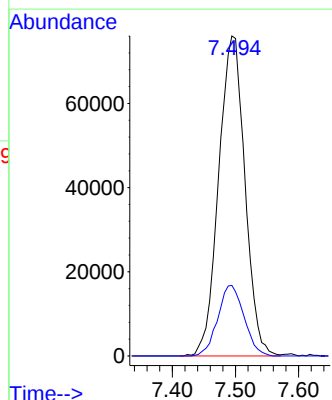
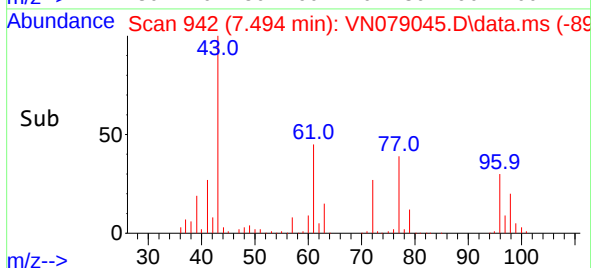
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

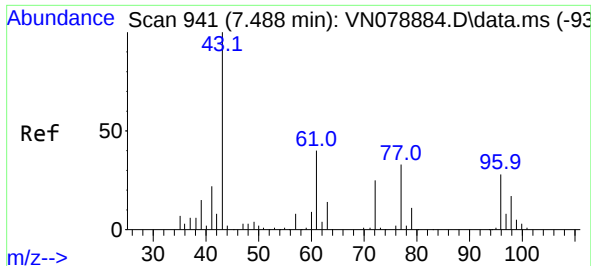


#26
2,2-Dichloropropane
Concen: 48.085 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



Tgt Ion: 77 Resp: 219481
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6





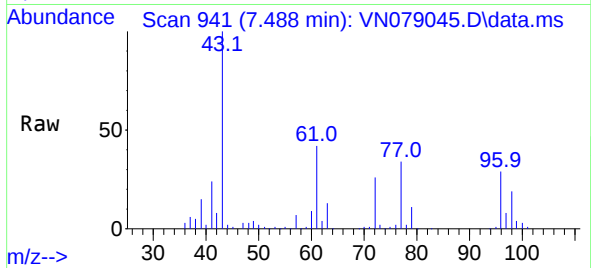
#27
 cis-1,2-Dichloroethene
 Concen: 47.517 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: VN079045.D
 Acq: 25 Aug 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

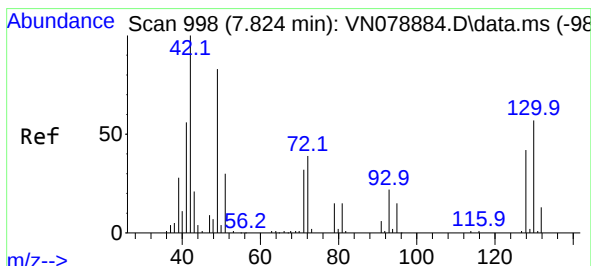
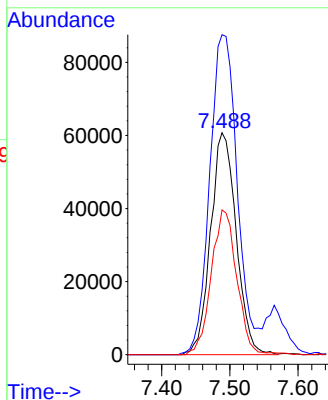
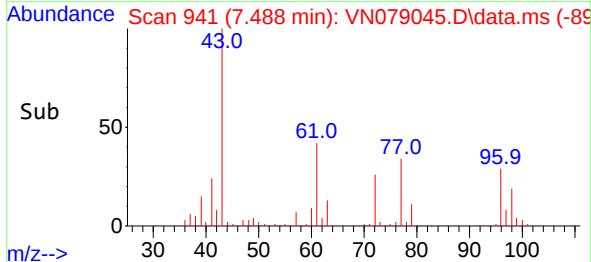


Tgt Ion: 96 Resp: 15899
 Ion Ratio Lower Upper
 96 100
 61 156.2 0.0 255.2
 98 65.0 0.0 128.8

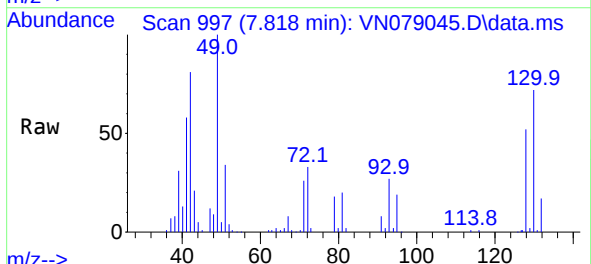
Manual Integrations

APPROVED

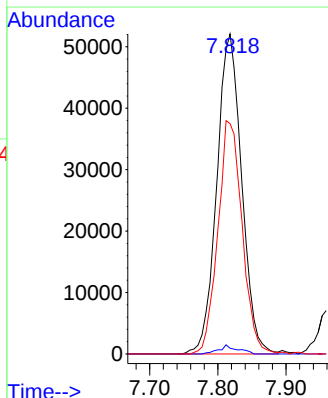
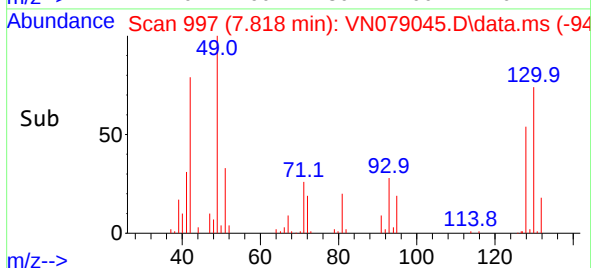
Reviewed By :John Carlone 08/28/2023
 Supervised By :Mahesh Dadoda 08/28/2023

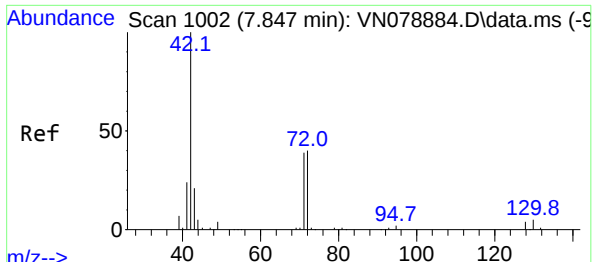


#28
 Bromochloromethane
 Concen: 44.218 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079045.D
 Acq: 25 Aug 2023 10:30



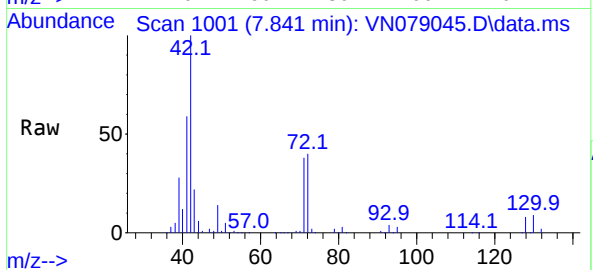
Tgt Ion: 49 Resp: 132454
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 71.0 75.3 112.9#





#29
Tetrahydrofuran
Concen: 230.890 ug/l
RT: 7.841 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

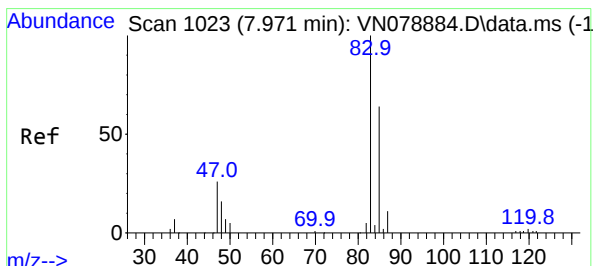
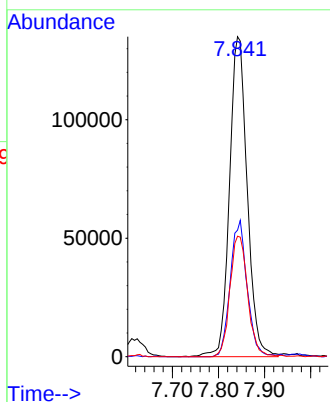
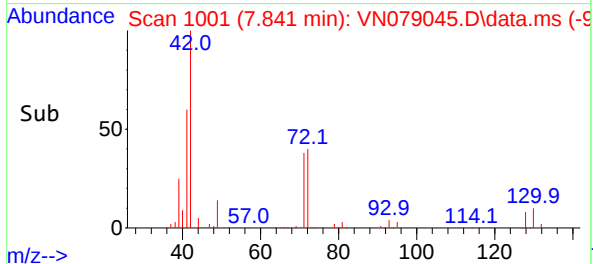
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 35973
Ion Ratio Lower Upper
42 100
72 40.5 49.8 74.6
71 37.7 47.4 71.2

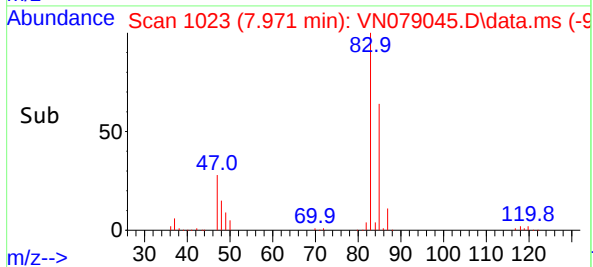
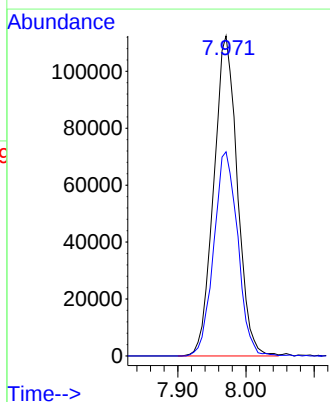
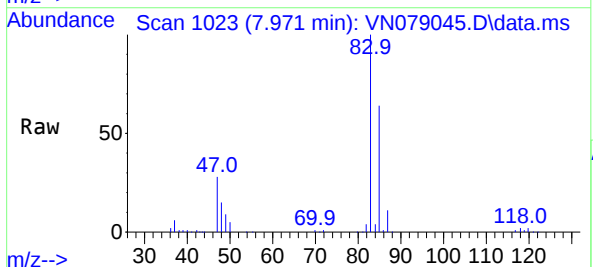
Manual Integrations
APPROVED

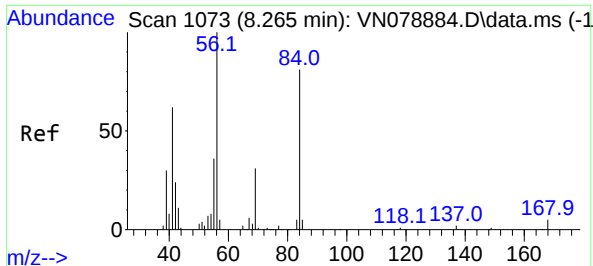
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#30
Chloroform
Concen: 47.910 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

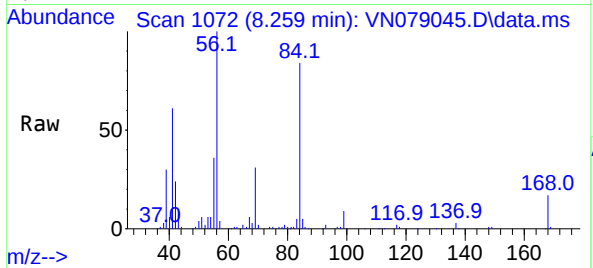
Tgt Ion: 83 Resp: 270282
Ion Ratio Lower Upper
83 100
85 63.8 55.4 83.0





#31
Cyclohexane
Concen: 46.362 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

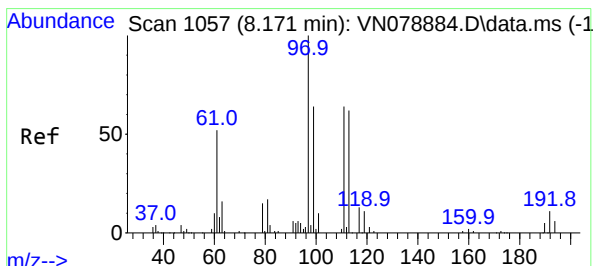
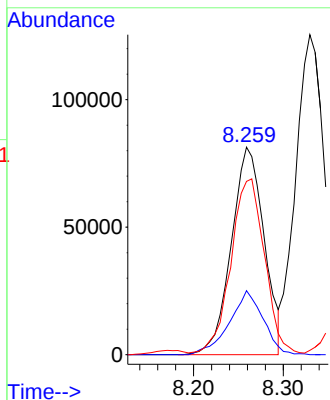
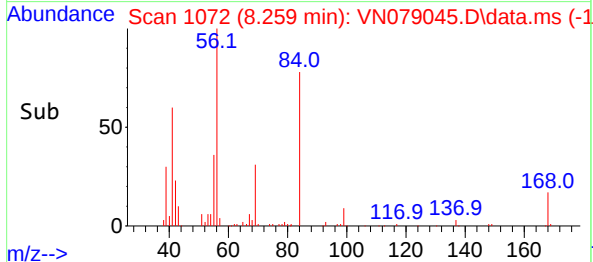
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



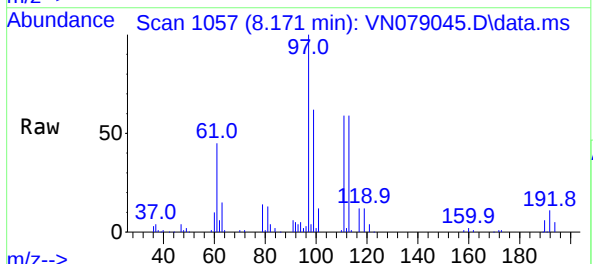
Tgt Ion: 56 Resp: 206588
Ion Ratio Lower Upper
56 100
69 30.9 26.8 40.2
84 81.6 81.8 122.6

Manual Integrations
APPROVED

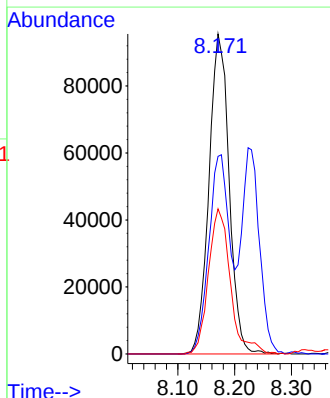
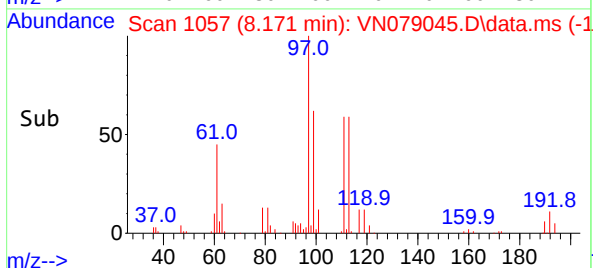
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

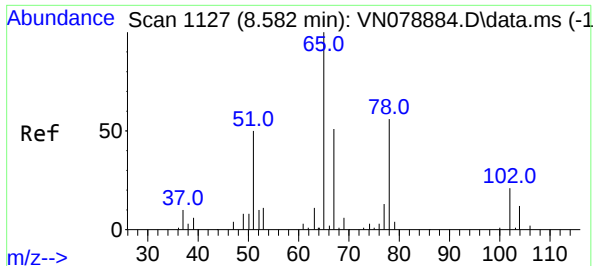


#32
1,1,1-Trichloroethane
Concen: 48.930 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



Tgt Ion: 97 Resp: 235364
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 49.4 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 44.948 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

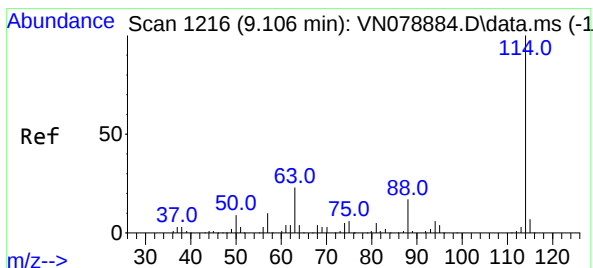
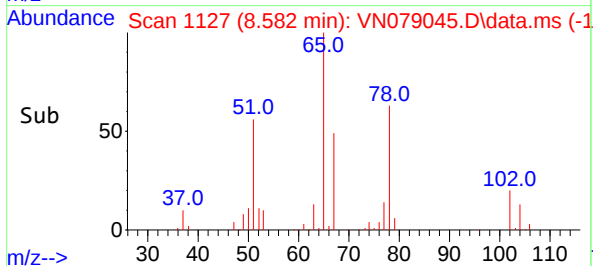
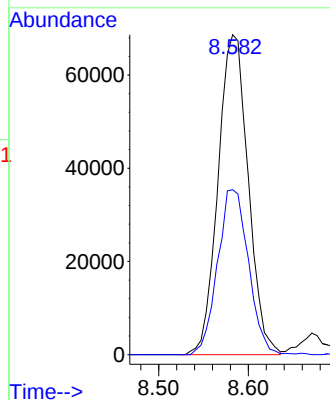
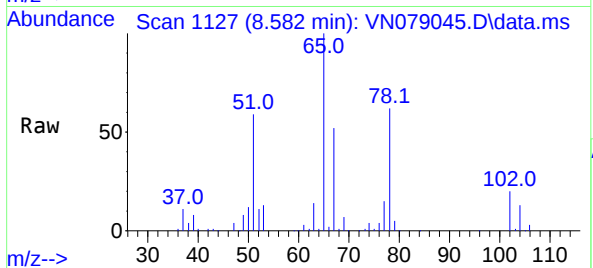
VSTDCCC050

Tgt Ion: 65 Resp: 15993
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6

Manual Integrations

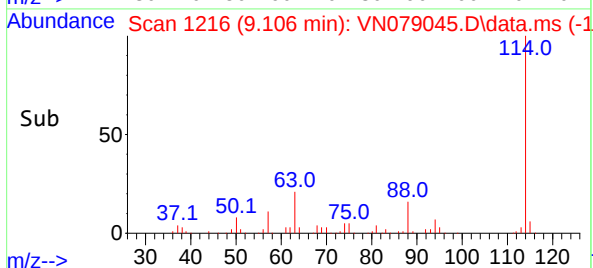
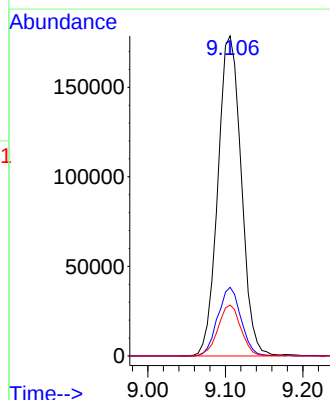
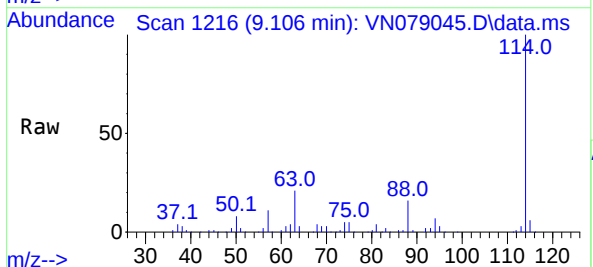
APPROVED

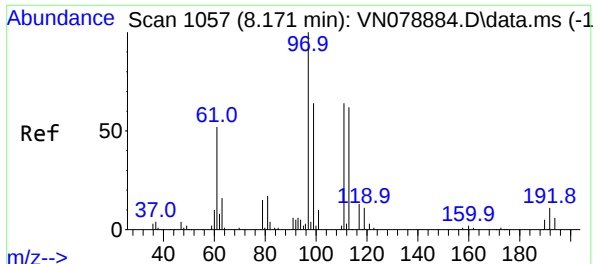
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

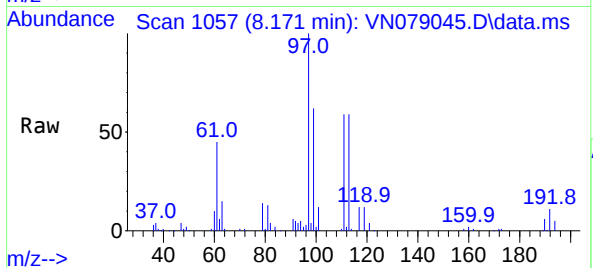
Tgt Ion:114 Resp: 374741
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.4
88 15.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.087 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

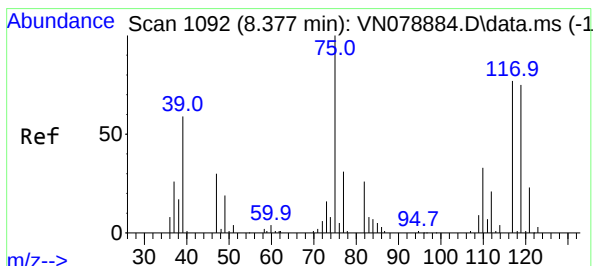
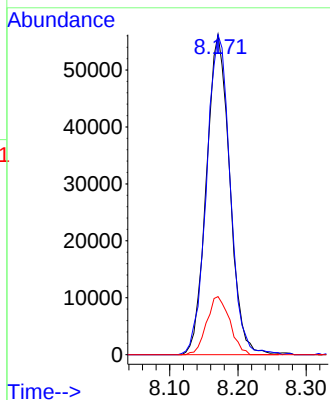
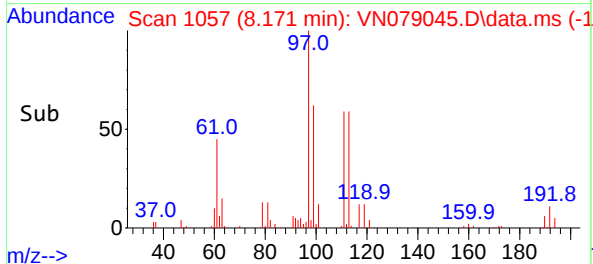
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



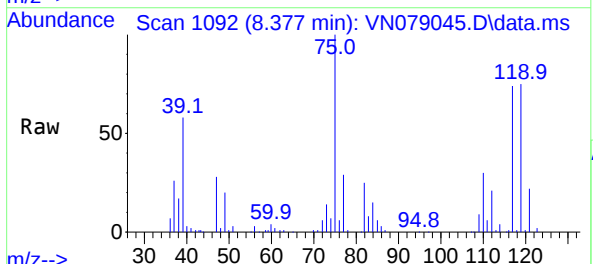
Tgt Ion: 113 Resp: 133910
Ion Ratio Lower Upper
113 100
111 101.1 82.6 123.8
192 17.8 12.7 19.1

Manual Integrations
APPROVED

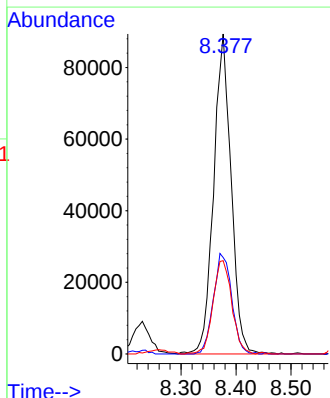
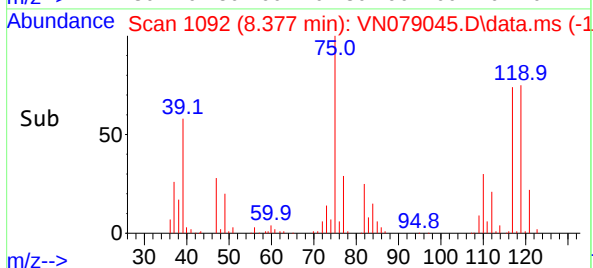
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

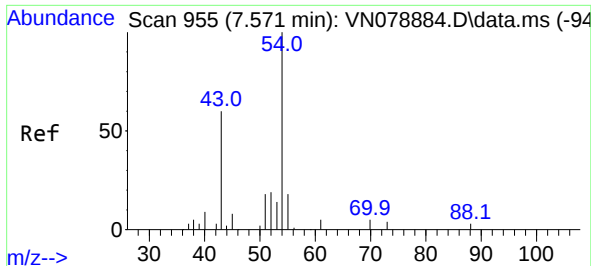


#36
1,1-Dichloropropene
Concen: 52.042 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



Tgt Ion: 75 Resp: 197476
Ion Ratio Lower Upper
75 100
110 33.0 19.1 57.3
77 31.4 25.0 37.4





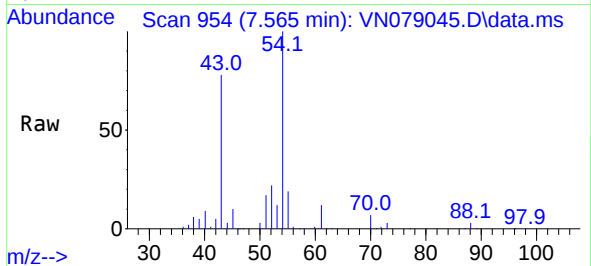
#37
Ethyl Acetate
Concen: 51.820 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

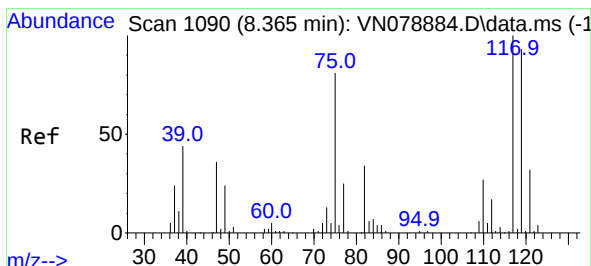
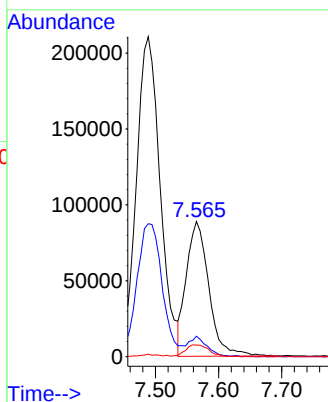
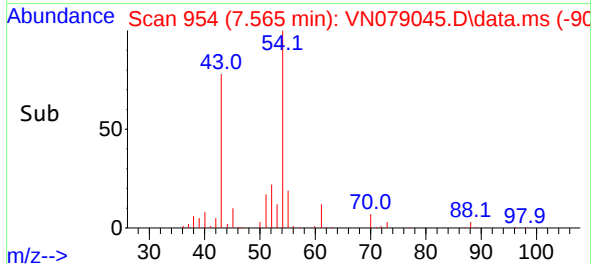


Tgt Ion: 43 Resp: 220004
Ion Ratio Lower Upper
43 100
61 11.1 13.2 19.8
70 9.2 11.3 16.9

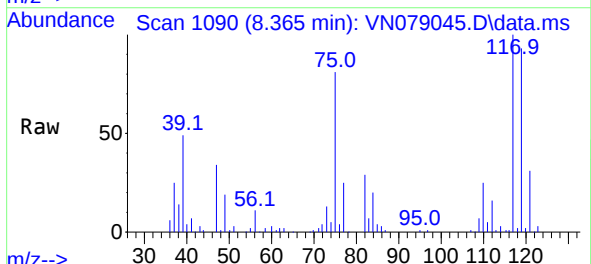
Manual Integrations

APPROVED

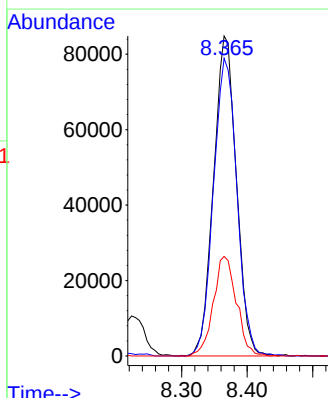
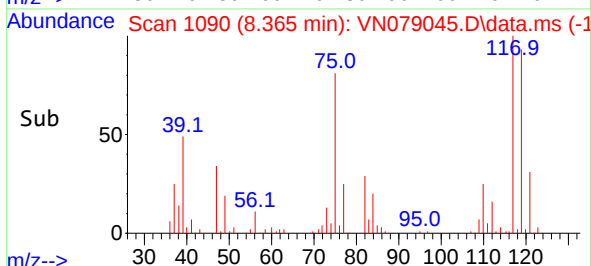
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

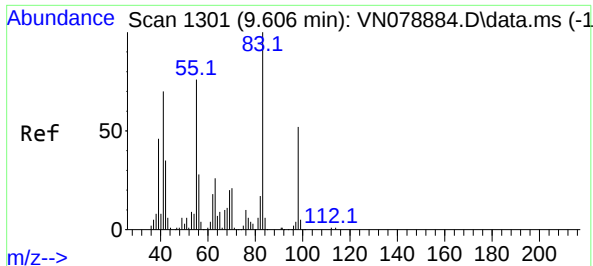


#38
Carbon Tetrachloride
Concen: 53.896 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



Tgt Ion:117 Resp: 204917
Ion Ratio Lower Upper
117 100
119 93.0 77.3 115.9
121 31.1 23.3 34.9





#39
Methylcyclohexane
Concen: 53.245 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

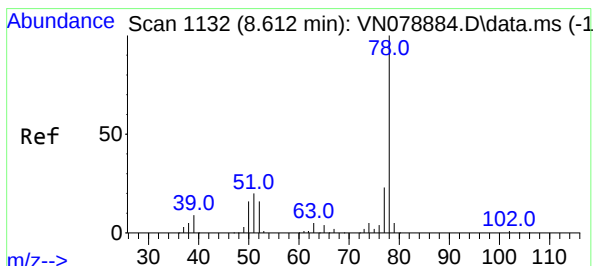
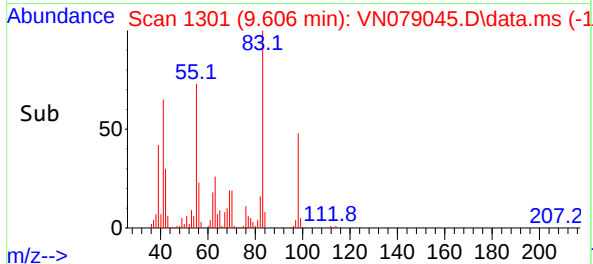
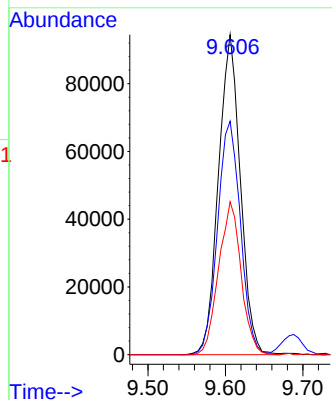
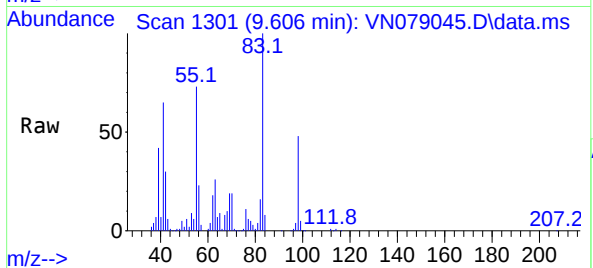
Tgt Ion: 83 Resp: 185818
Ion Ratio Lower Upper
83 100
55 72.9 49.1 73.7
98 47.8 40.6 61.0

Manual Integrations

APPROVED

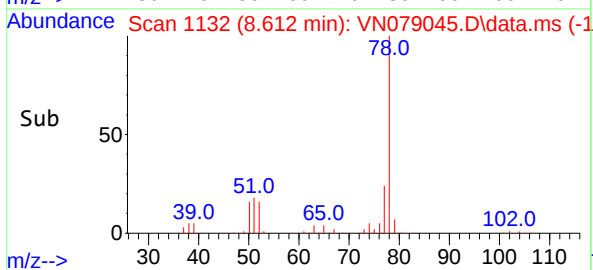
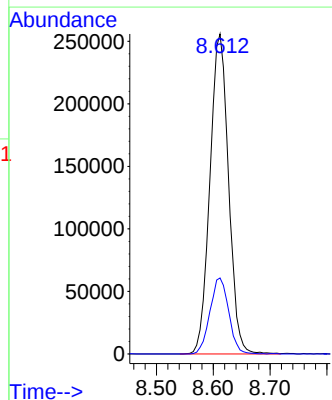
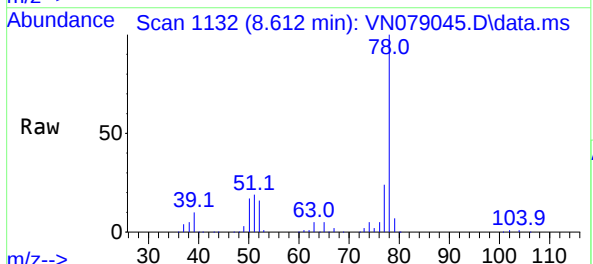
Reviewed By :John Carlone 08/28/2023

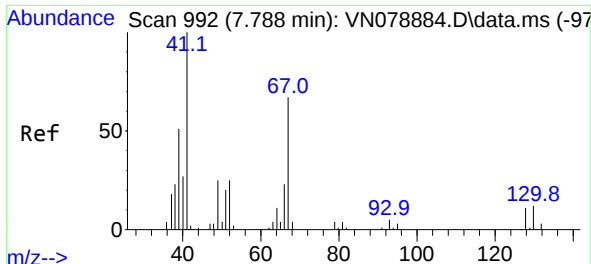
Supervised By :Mahesh Dadoda 08/28/2023



#40
Benzene
Concen: 51.873 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

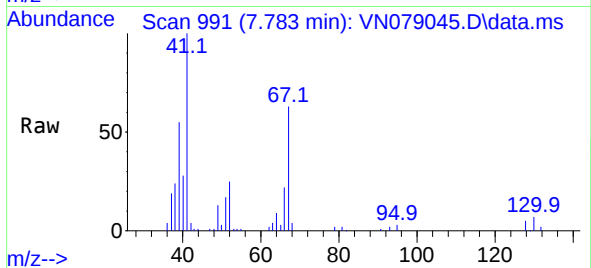
Tgt Ion: 78 Resp: 581804
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 54.572 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

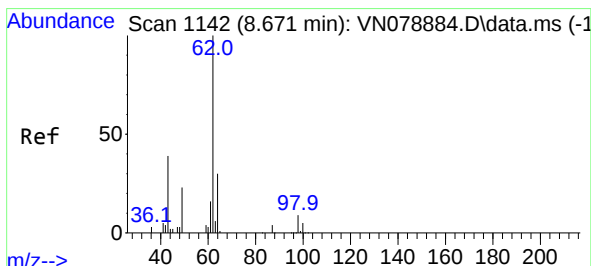
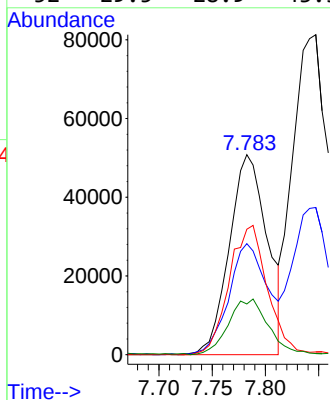
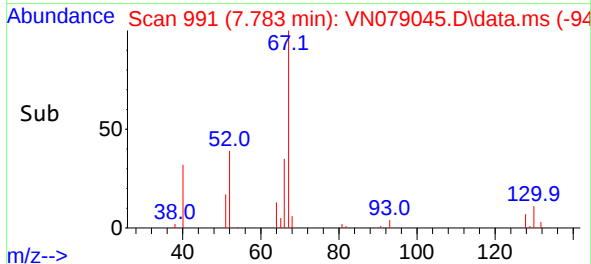
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 41 Resp: 12618
Ion Ratio Lower Upper
41 100
39 57.2 42.6 64.0
67 65.9 77.5 116.3
52 29.5 28.9 43.3

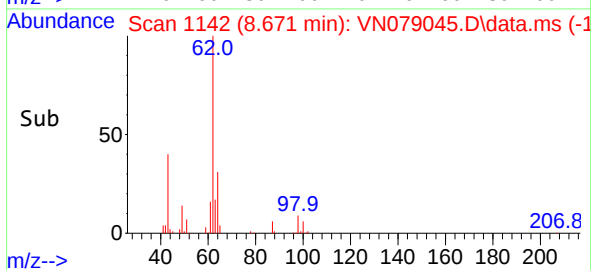
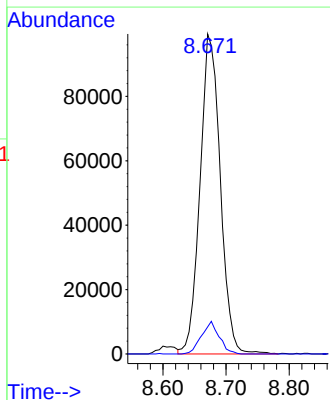
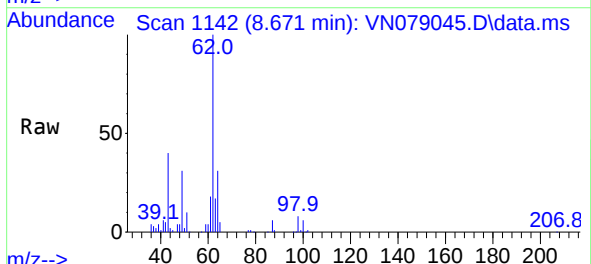
Manual Integrations
APPROVED

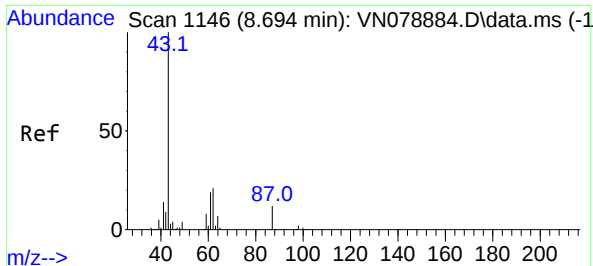
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#42
1,2-Dichloroethane
Concen: 52.832 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

Tgt Ion: 62 Resp: 221381
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





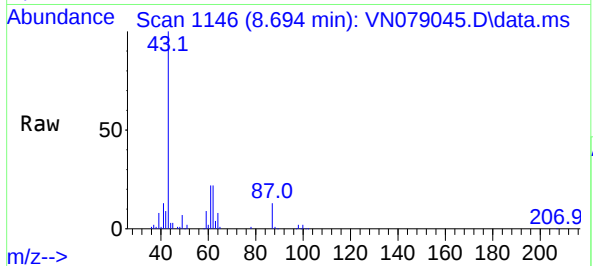
#43
Isopropyl Acetate
Concen: 50.964 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



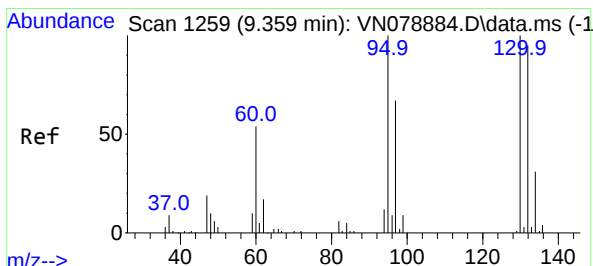
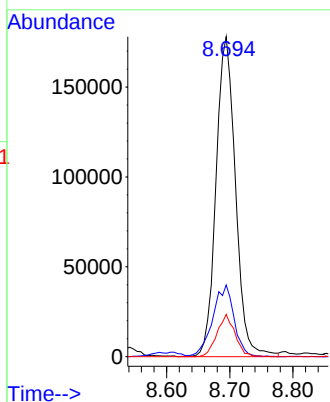
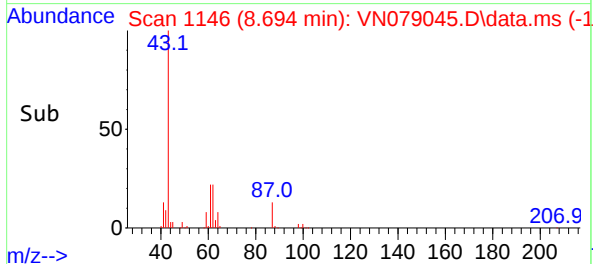
Tgt Ion: 43 Resp: 382434
Ion Ratio Lower Upper
43 100
61 24.7 24.7 37.1
87 12.3 14.6 21.8

Manual Integrations

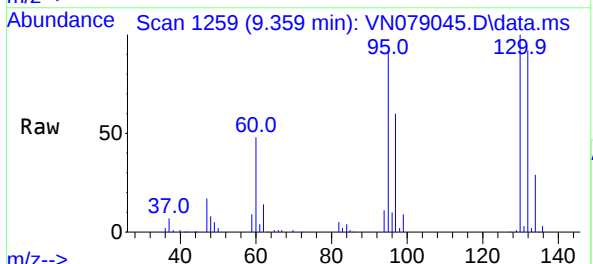
APPROVED

Reviewed By :John Carlone 08/28/2023

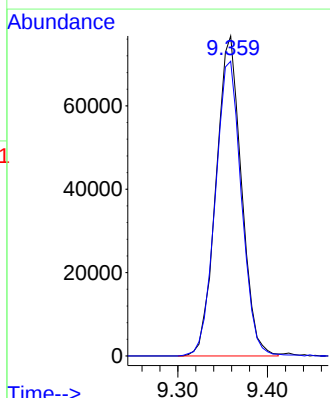
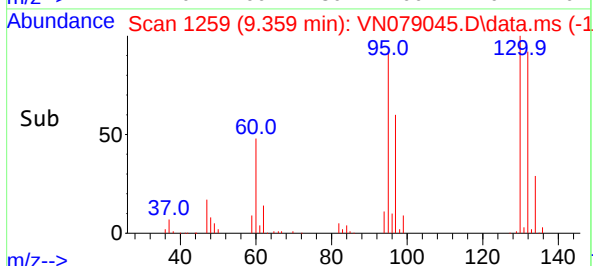
Supervised By :Mahesh Dadoda 08/28/2023

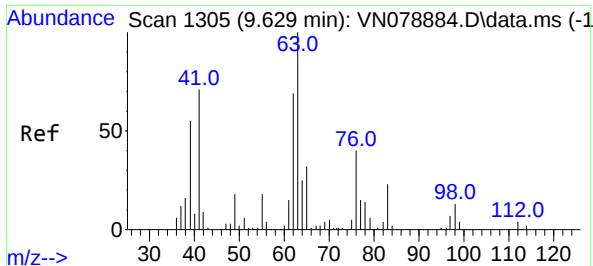


#44
Trichloroethene
Concen: 56.509 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



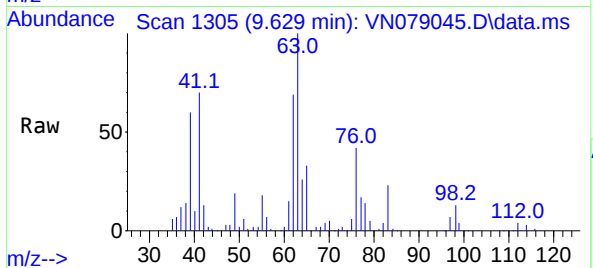
Tgt Ion:130 Resp: 150596
Ion Ratio Lower Upper
130 100
95 92.1 0.0 204.6





#45
1,2-Dichloropropane
Concen: 52.348 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.005 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

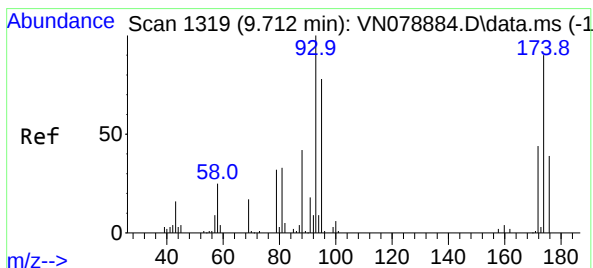
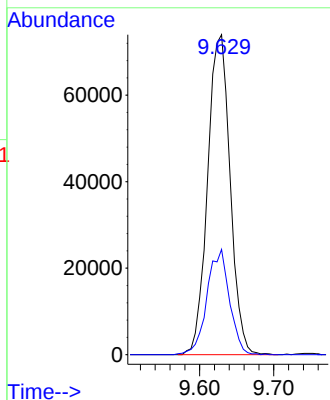
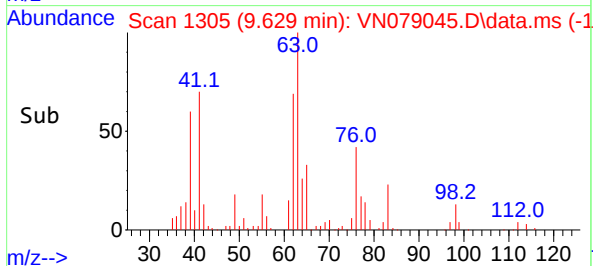
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



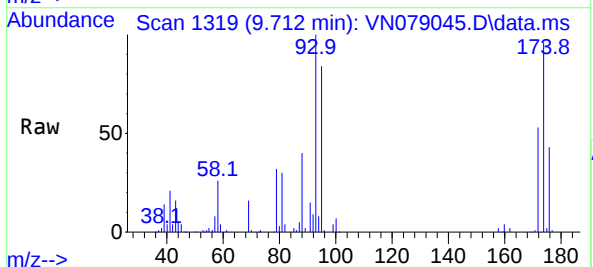
Tgt Ion: 63 Resp: 156319
Ion Ratio Lower Upper
63 100
65 32.9 23.9 35.9

Manual Integrations
APPROVED

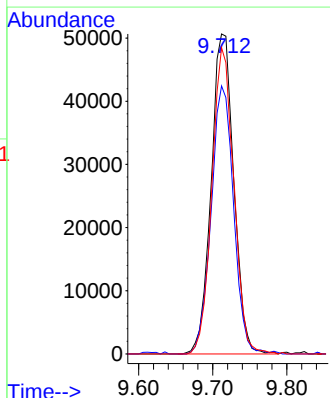
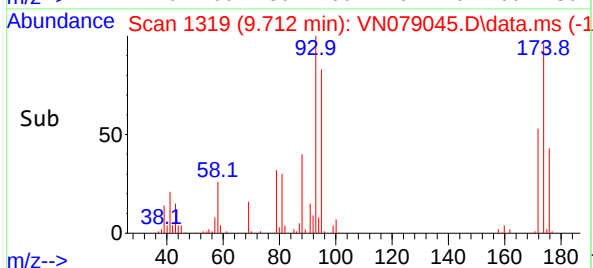
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#46
Dibromomethane
Concen: 52.442 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



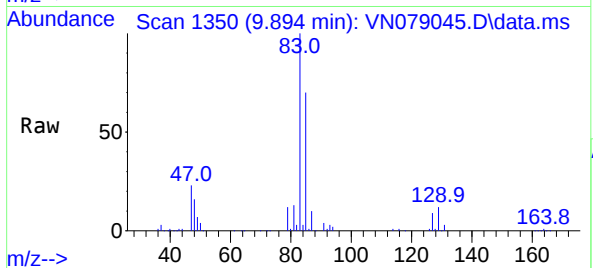
Tgt Ion: 93 Resp: 107411
Ion Ratio Lower Upper
93 100
95 83.2 63.8 95.8
174 92.6 65.6 98.4





#47
Bromodichloromethane
Concen: 53.051 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

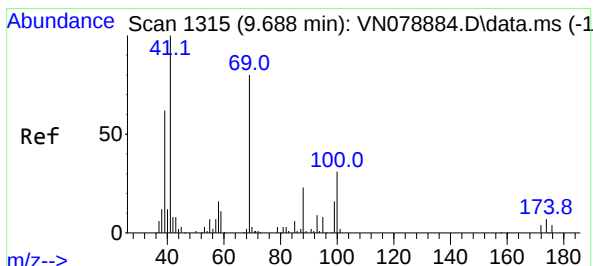
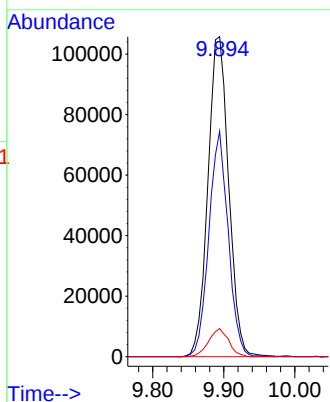
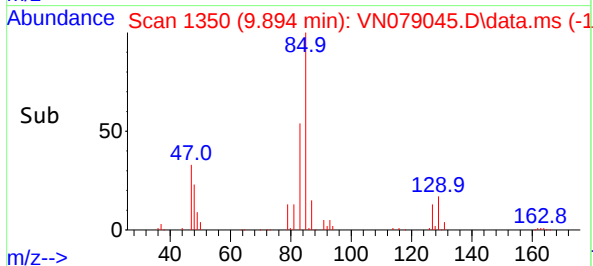
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



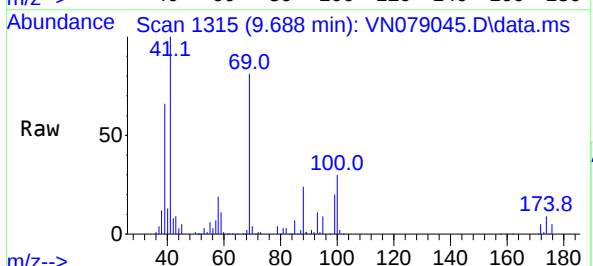
Tgt Ion: 83 Resp: 21456
Ion Ratio Lower Upper
83 100
85 70.4 49.6 74.4
127 8.8 7.0 10.6

Manual Integrations
APPROVED

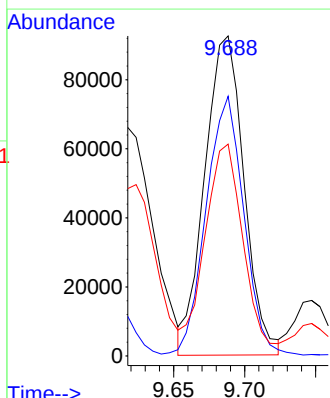
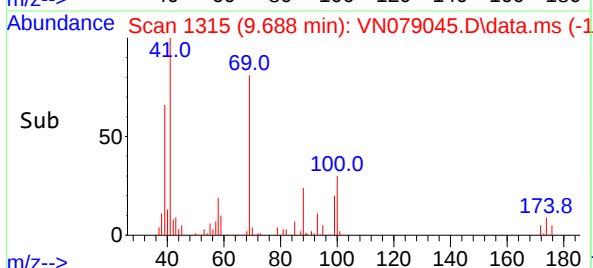
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

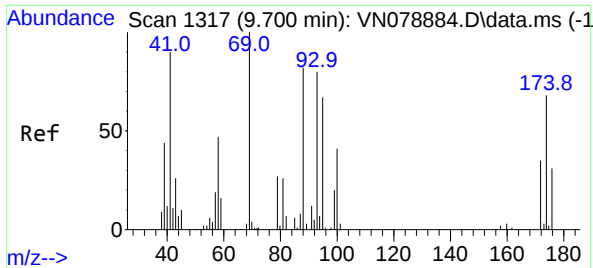


#48
Methyl methacrylate
Concen: 52.303 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



Tgt Ion: 41 Resp: 177855
Ion Ratio Lower Upper
41 100
69 78.8 90.4 135.6
39 65.1 54.6 81.8





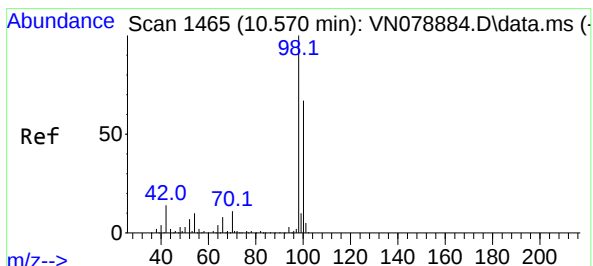
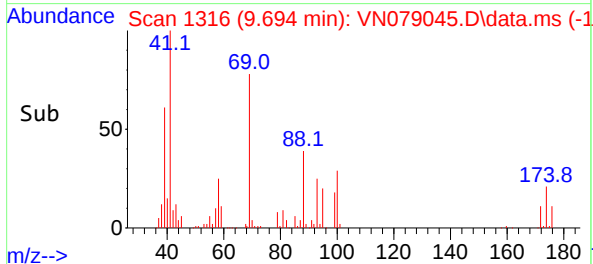
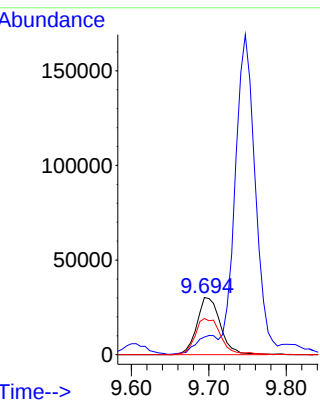
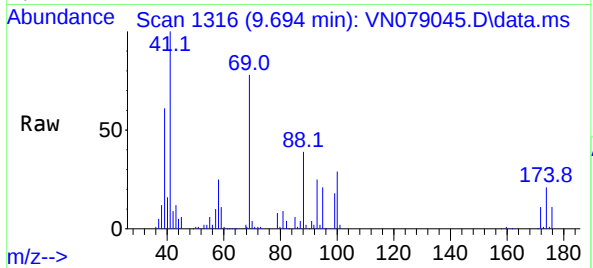
#49
1,4-Dioxane
Concen: 1099.813 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 63700
Ion Ratio Lower Upper
88 100
43 31.2 17.0 25.6
58 69.2 47.0 70.4

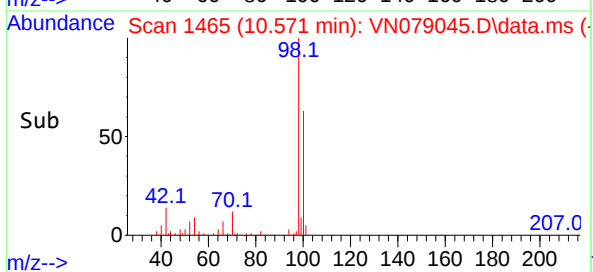
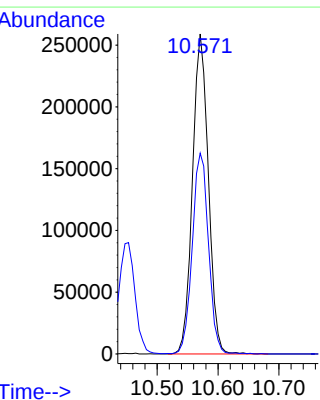
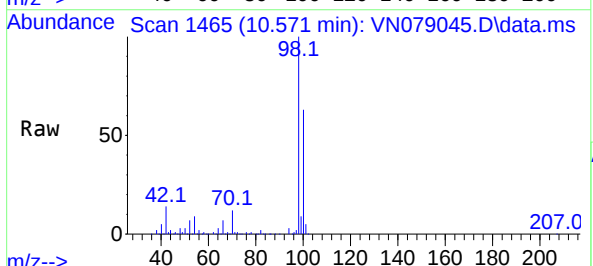
Manual Integrations
APPROVED

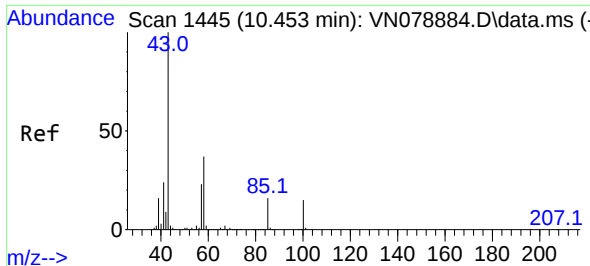
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#50
Toluene-d8
Concen: 50.002 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

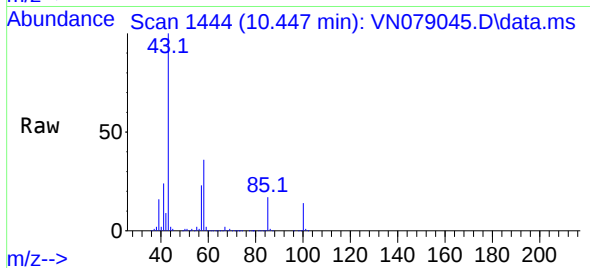
Tgt Ion: 98 Resp: 468344
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 256.414 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

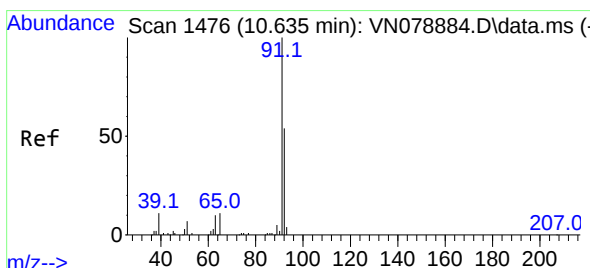
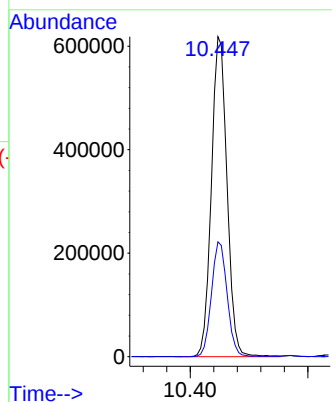
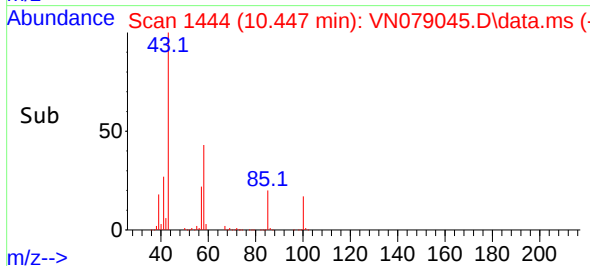
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1141211
Ion Ratio Lower Upper
43 100
58 36.0 36.6 54.8

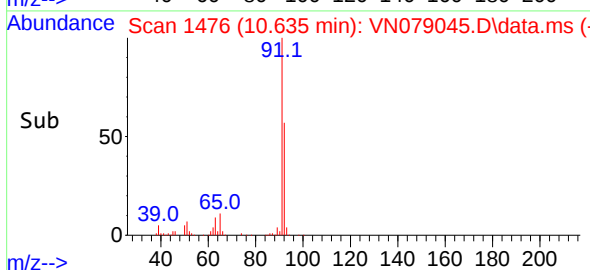
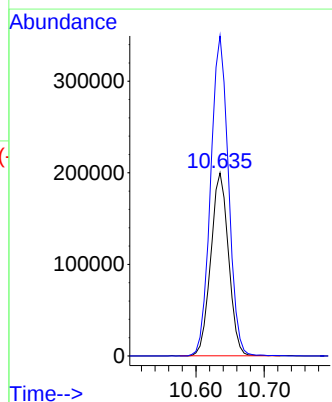
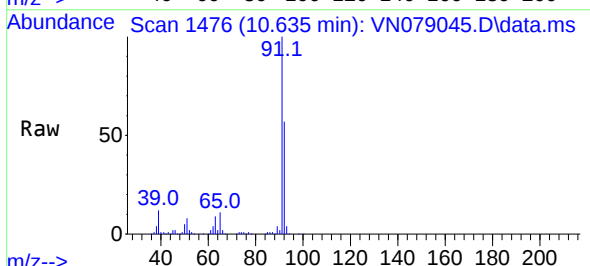
Manual Integrations
APPROVED

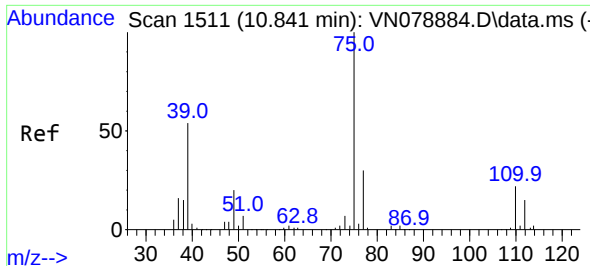
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#52
Toluene
Concen: 52.395 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

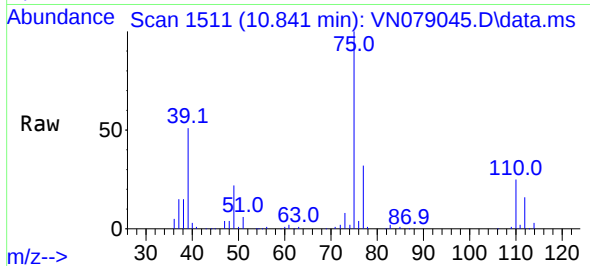
Tgt Ion: 92 Resp: 360797
Ion Ratio Lower Upper
92 100
91 176.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 56.212 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

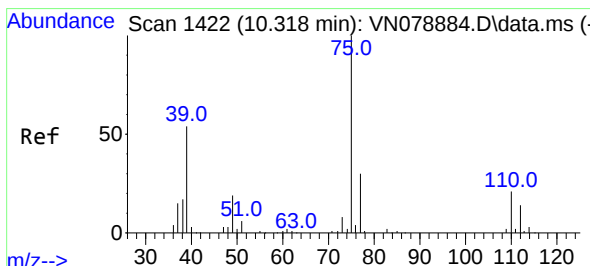
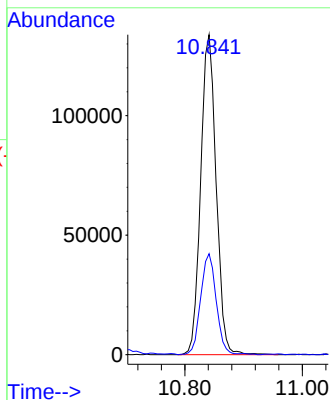
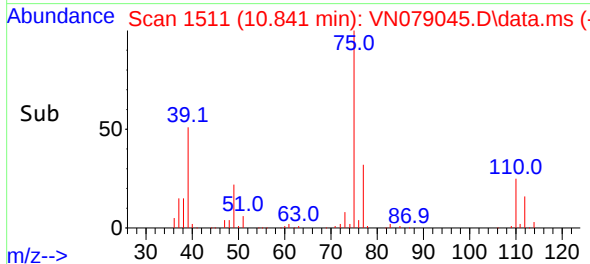
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



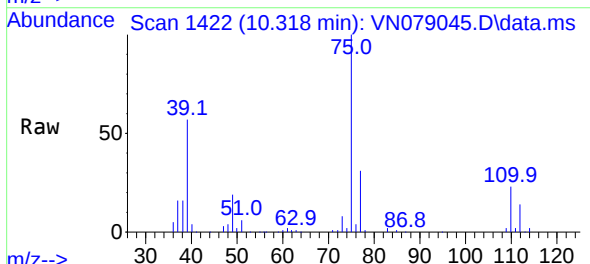
Tgt Ion: 75 Resp: 24380
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

Manual Integrations
APPROVED

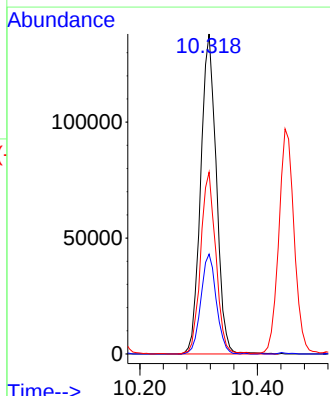
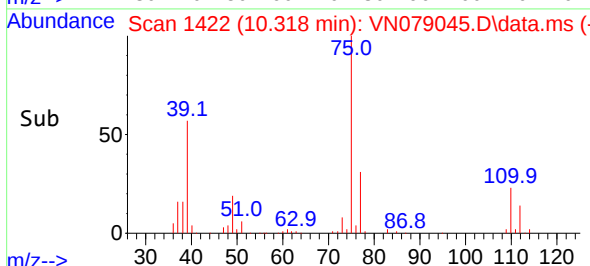
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

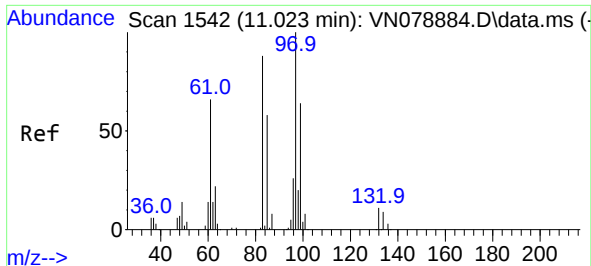


#54
cis-1,3-Dichloropropene
Concen: 53.937 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



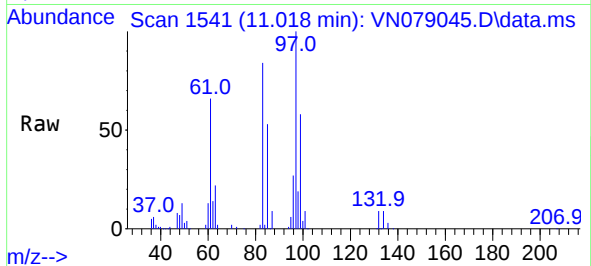
Tgt Ion: 75 Resp: 254787
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 56.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 54.416 ug/l
RT: 11.018 min Scan# 1542
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

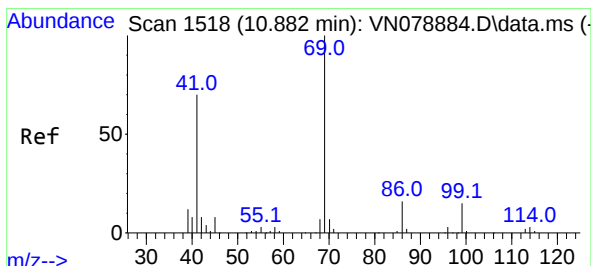
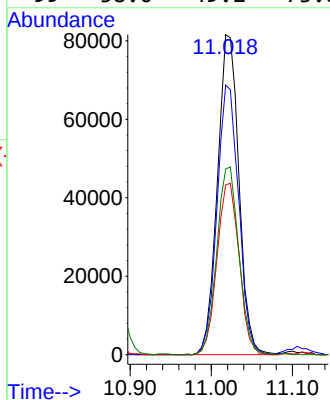
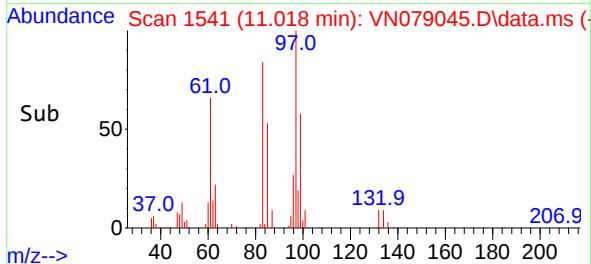


Tgt Ion: 97 Resp: 15024

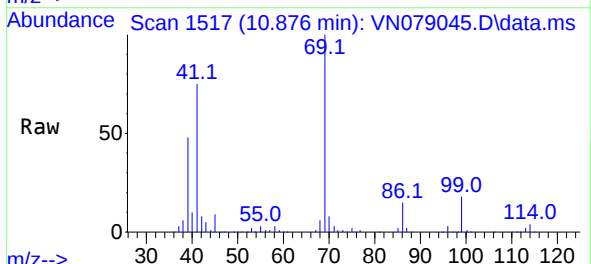
Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.1	97.7
85	53.0	43.4	65.2
99	58.0	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

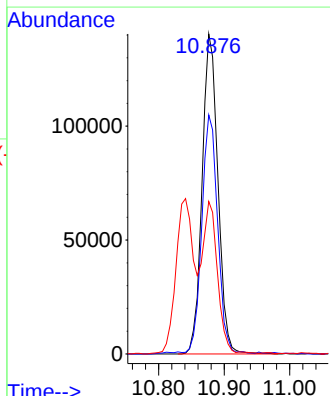
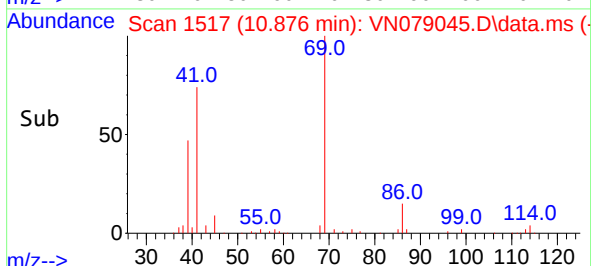


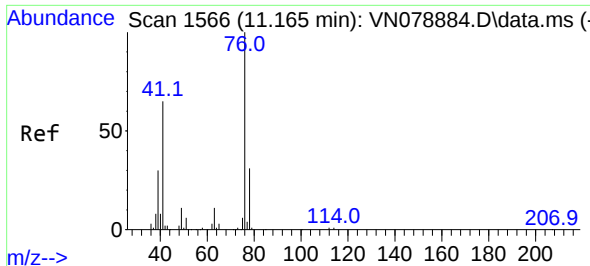
#56
Ethyl methacrylate
Concen: 55.071 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



Tgt Ion: 69 Resp: 235708

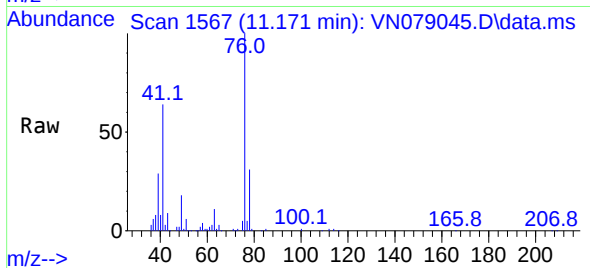
Ion	Ratio	Lower	Upper
69	100		
41	75.1	39.6	59.4#
39	45.1	28.6	43.0#





#57
1,3-Dichloropropane
Concen: 52.753 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

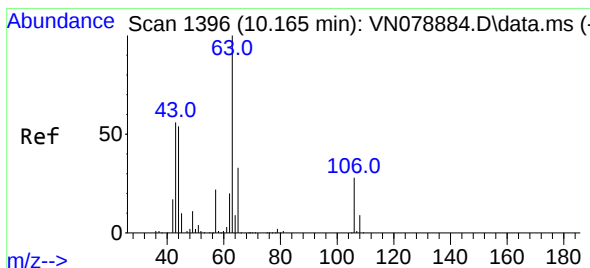
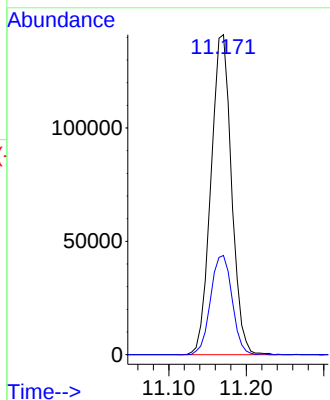
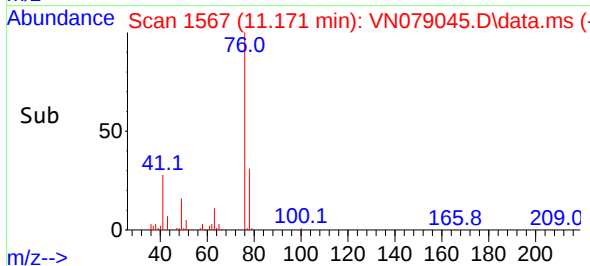
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 26052
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

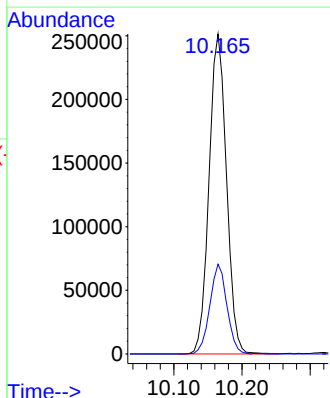
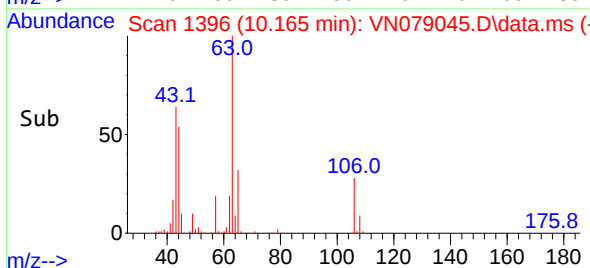
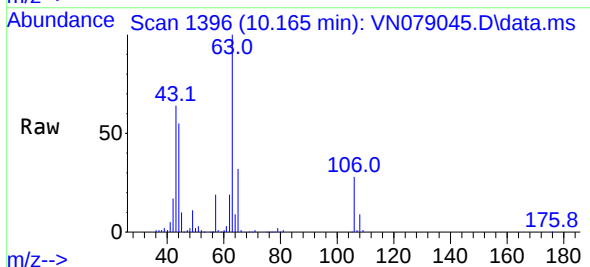
Manual Integrations
APPROVED

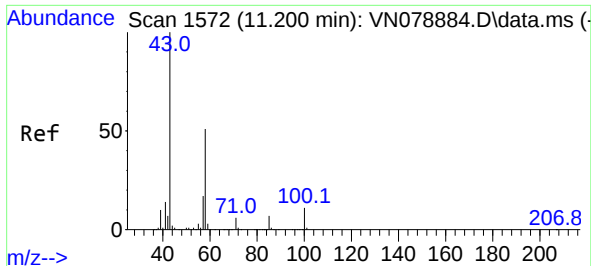
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#58
2-Chloroethyl Vinyl ether
Concen: 217.839 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

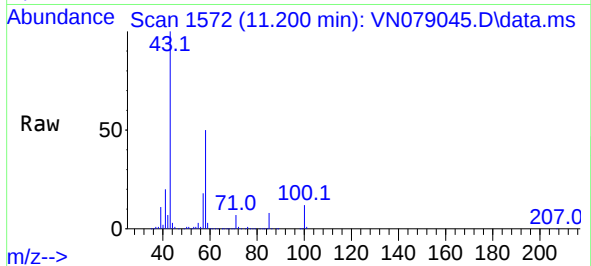
Tgt Ion: 63 Resp: 447558
Ion Ratio Lower Upper
63 100
106 27.4 26.2 39.4





#59
2-Hexanone
Concen: 255.633 ug/l
RT: 11.200 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

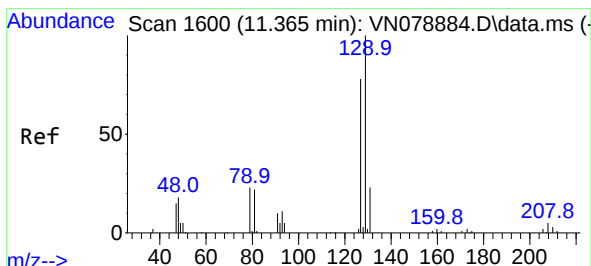
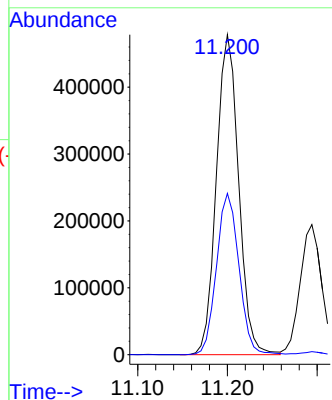
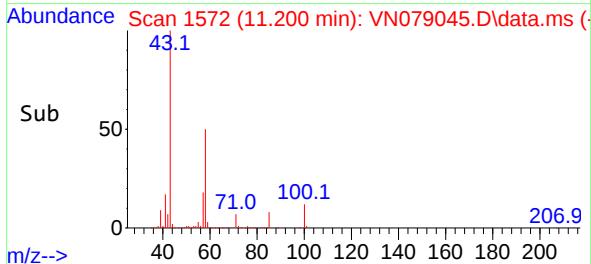
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 824063
Ion Ratio Lower Upper
43 100
58 50.9 31.7 95.1

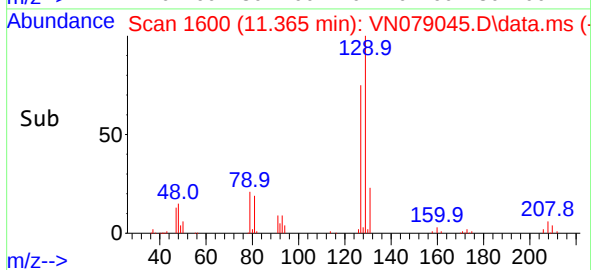
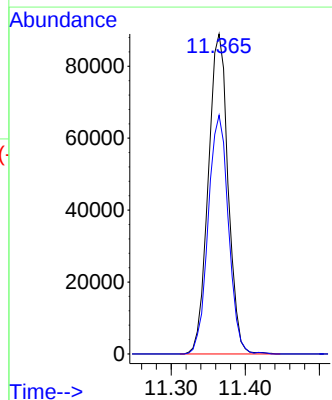
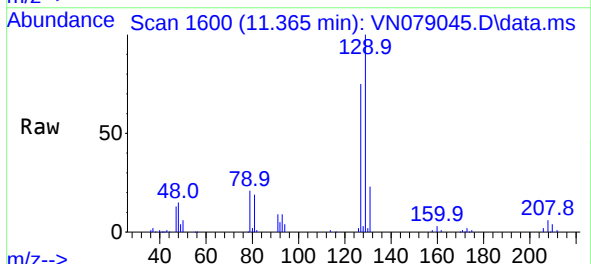
Manual Integrations
APPROVED

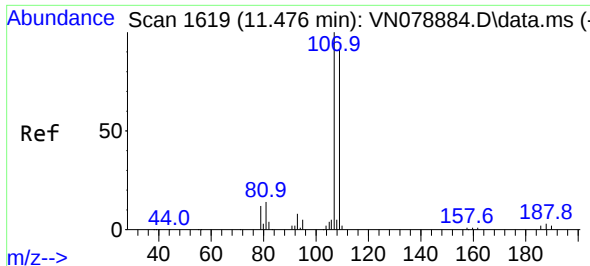
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#60
Dibromochloromethane
Concen: 56.894 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

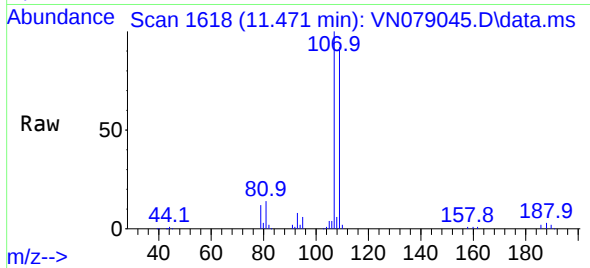
Tgt Ion:129 Resp: 165307
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.580 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

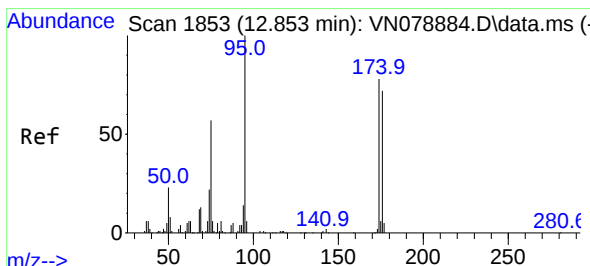
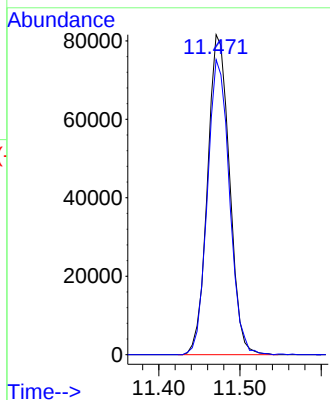
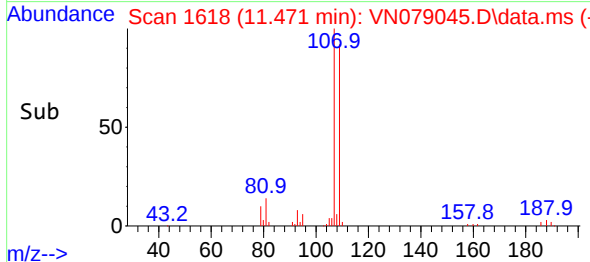
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



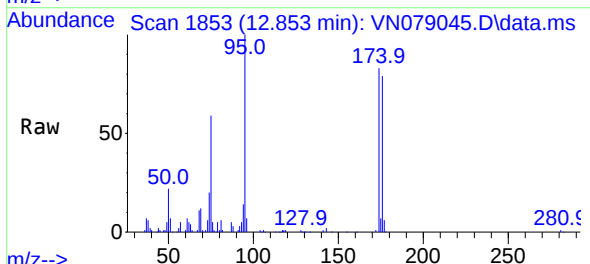
Tgt Ion:107 Resp: 15314
Ion Ratio Lower Upper
107 100
109 92.5 76.6 114.8

Manual Integrations
APPROVED

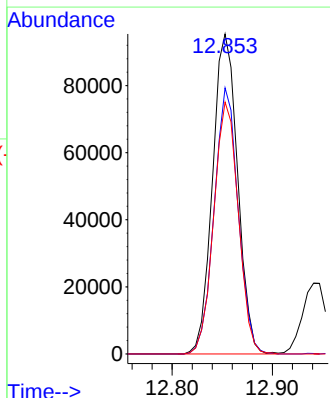
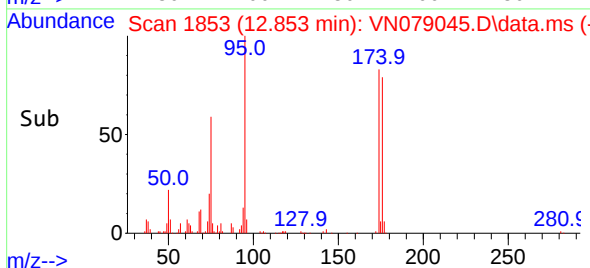
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

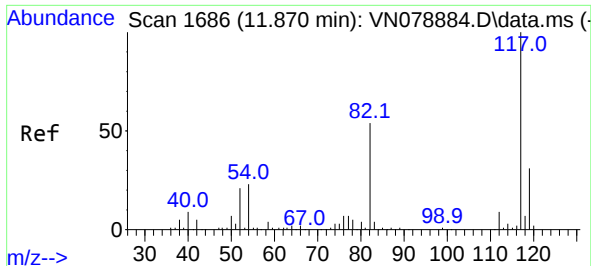


#62
4-Bromofluorobenzene
Concen: 53.945 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



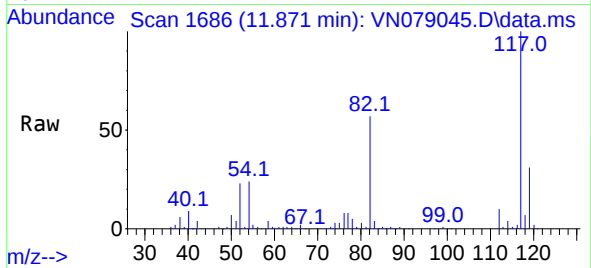
Tgt Ion: 95 Resp: 165155
Ion Ratio Lower Upper
95 100
174 79.7 0.0 143.8
176 77.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

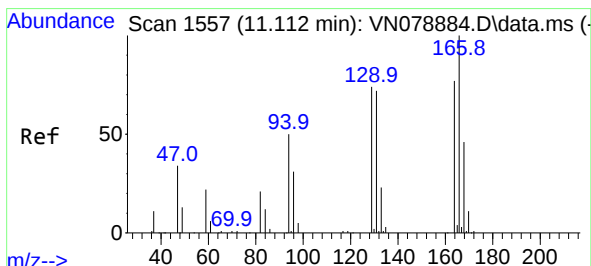
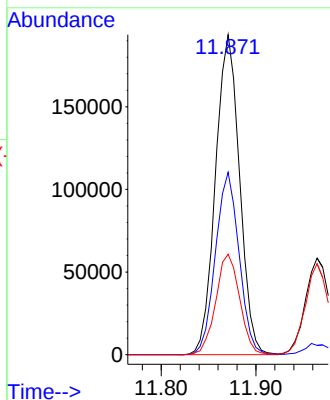
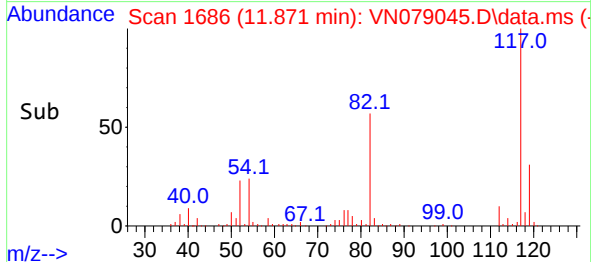
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 342379
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 31.4 25.6 38.4

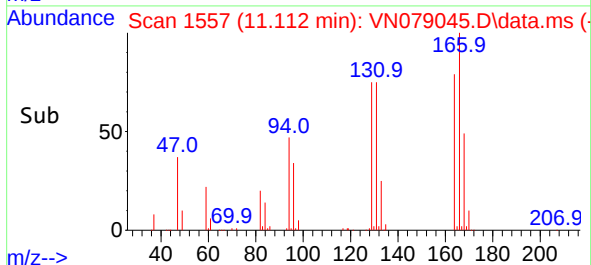
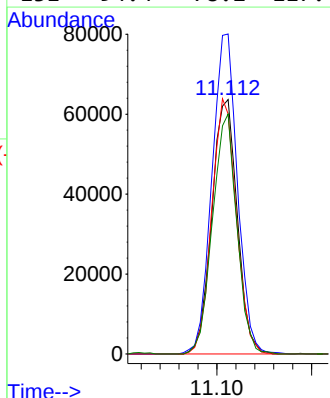
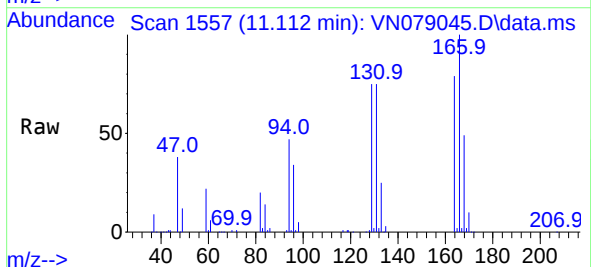
Manual Integrations
APPROVED

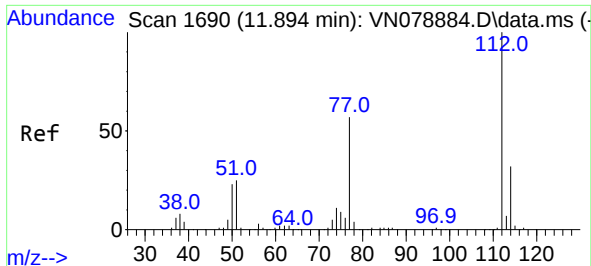
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#64
Tetrachloroethene
Concen: 55.160 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

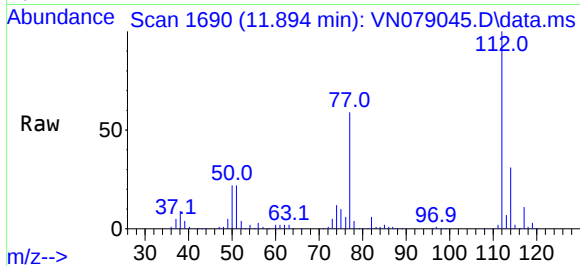
Tgt Ion:164 Resp: 118435
Ion Ratio Lower Upper
164 100
166 125.8 101.4 152.0
129 94.4 82.4 123.6
131 94.4 78.2 117.4





#65
Chlorobenzene
Concen: 53.628 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

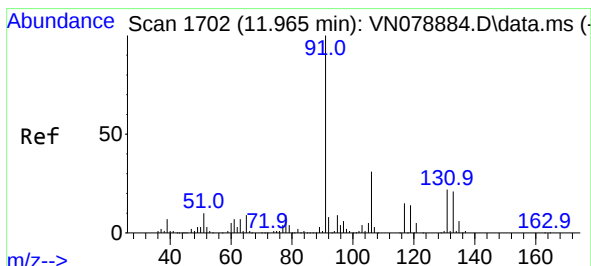
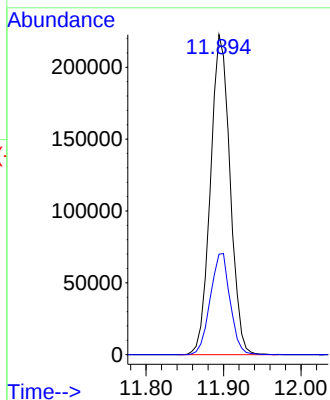
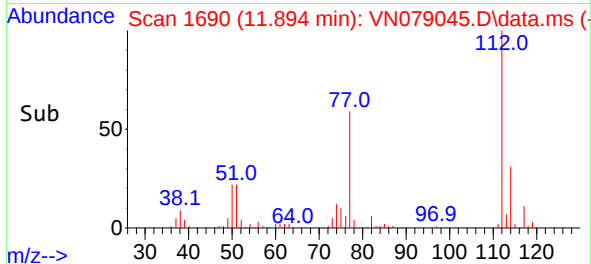
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



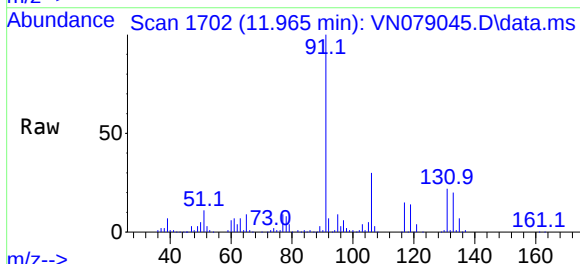
Tgt Ion:112 Resp: 390845
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4

Manual Integrations
APPROVED

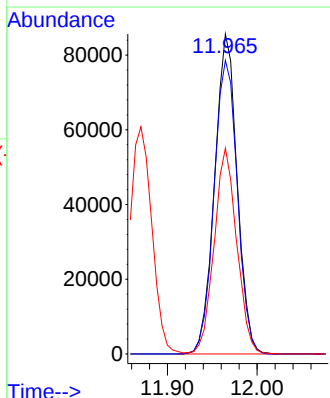
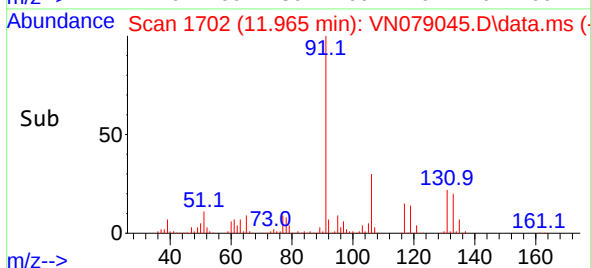
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

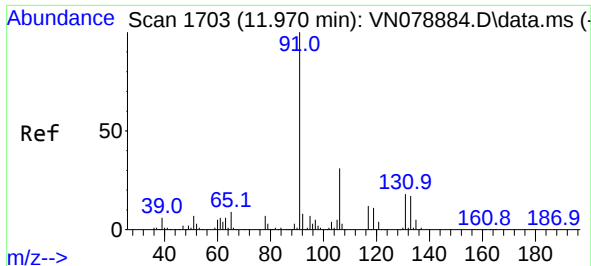


#66
1,1,1,2-Tetrachloroethane
Concen: 54.177 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



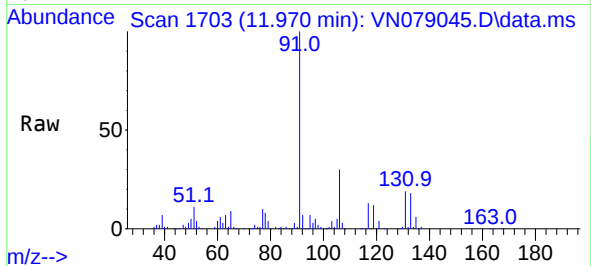
Tgt Ion:131 Resp: 149215
Ion Ratio Lower Upper
131 100
133 95.0 46.4 139.1
119 64.6 34.1 102.2





#67
Ethyl Benzene
Concen: 52.120 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

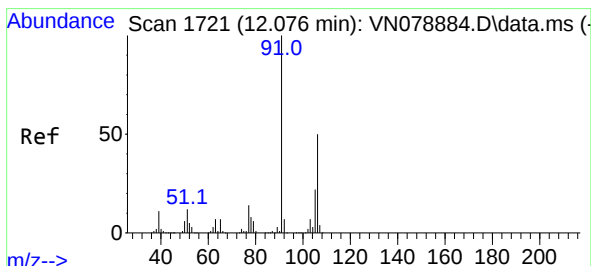
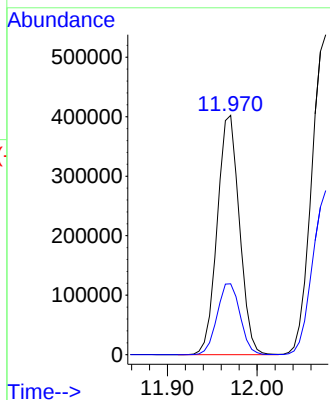
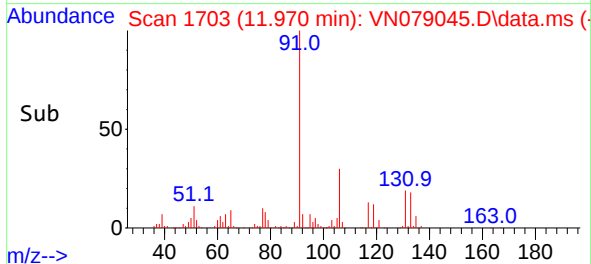
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



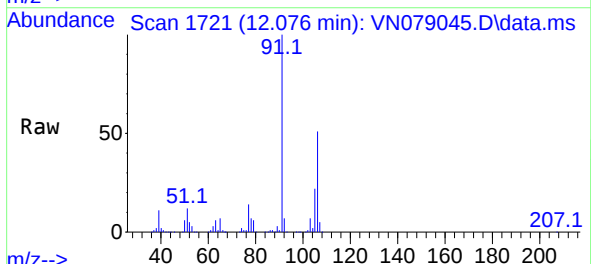
Tgt Ion: 91 Resp: 69076
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

Manual Integrations
APPROVED

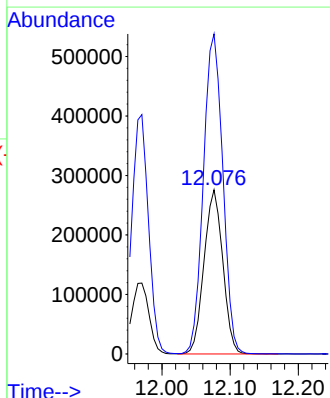
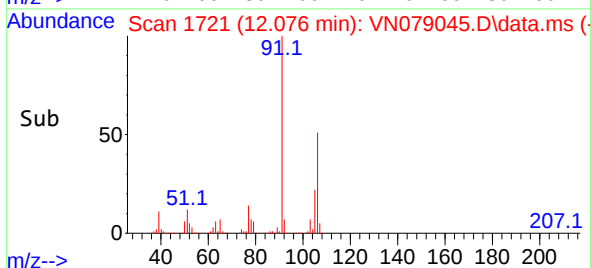
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

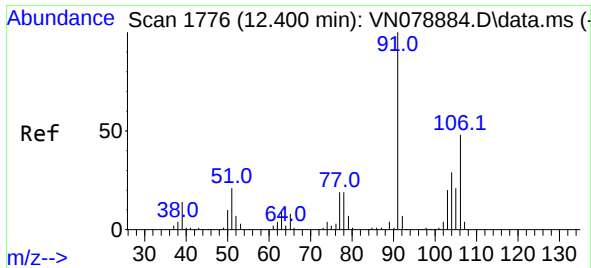


#68
m/p-Xylenes
Concen: 106.562 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



Tgt Ion:106 Resp: 528037
Ion Ratio Lower Upper
106 100
91 201.7 159.6 239.4





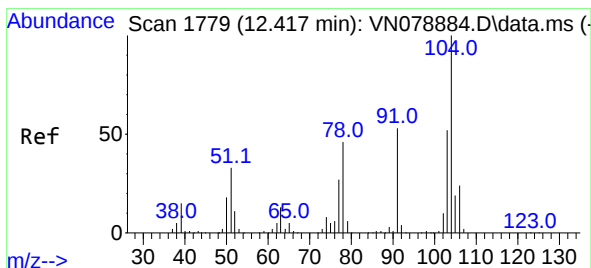
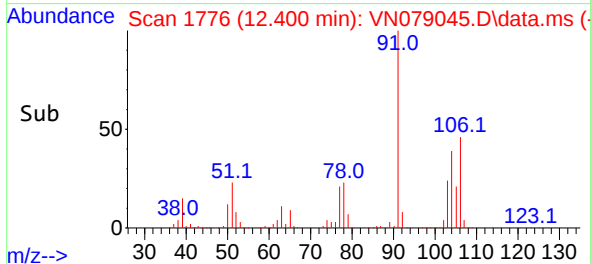
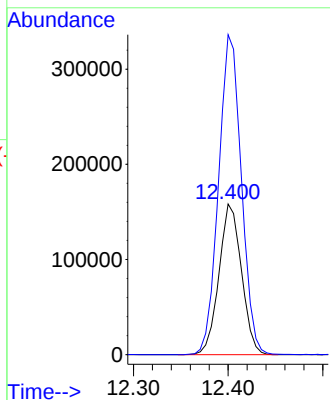
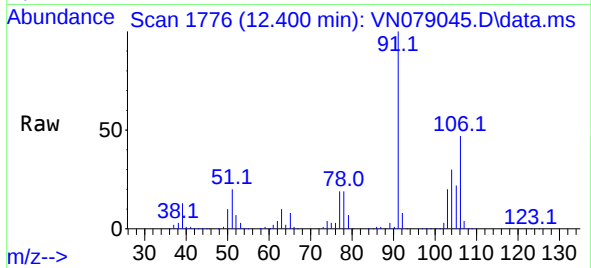
#69
o-Xylene
Concen: 54.295 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 261719
Ion Ratio Lower Upper
106 100
91 215.0 105.2 315.5

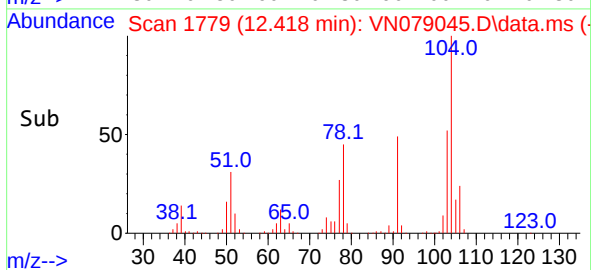
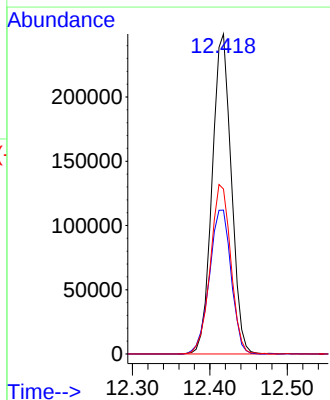
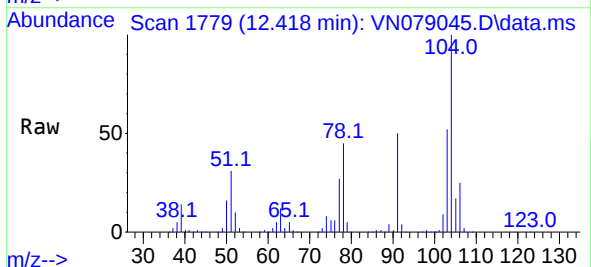
Manual Integrations
APPROVED

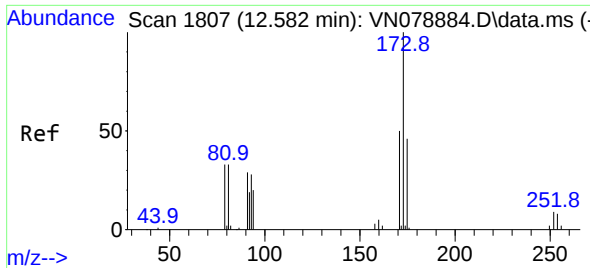
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#70
Styrene
Concen: 53.265 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

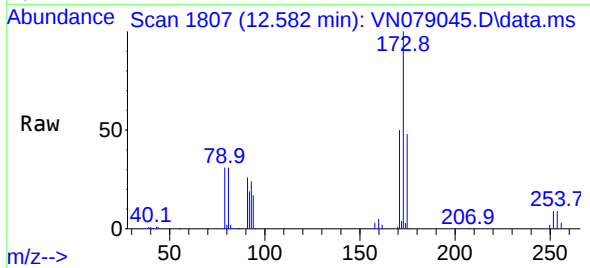
Tgt Ion:104 Resp: 428120
Ion Ratio Lower Upper
104 100
78 50.9 39.5 59.3
103 56.4 43.2 64.8





#71
Bromoform
Concen: 58.052 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

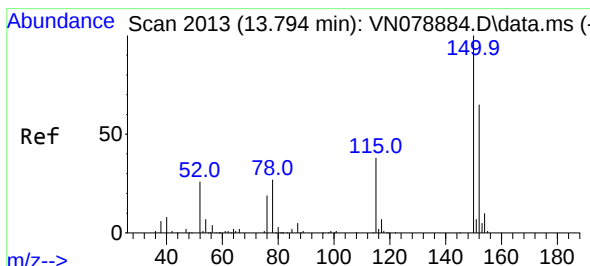
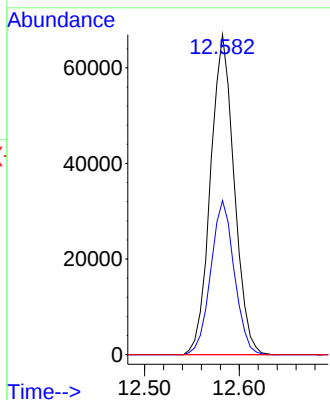
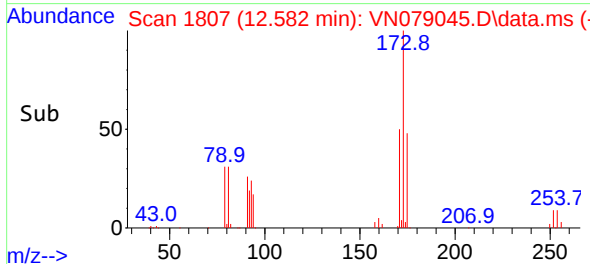
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



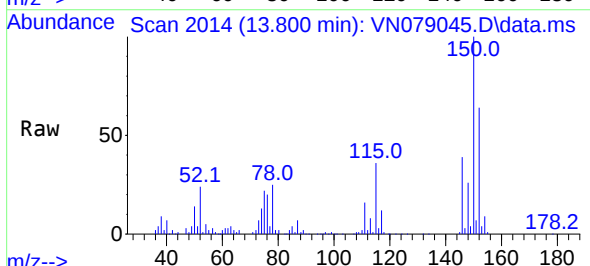
Tgt Ion:173 Resp: 116240
Ion Ratio Lower Upper
173 100
175 47.8 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

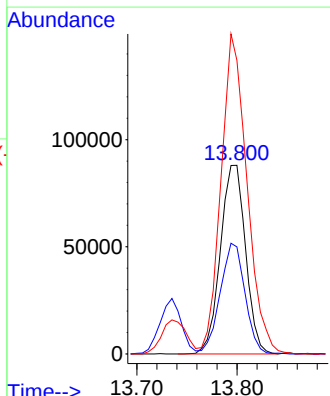
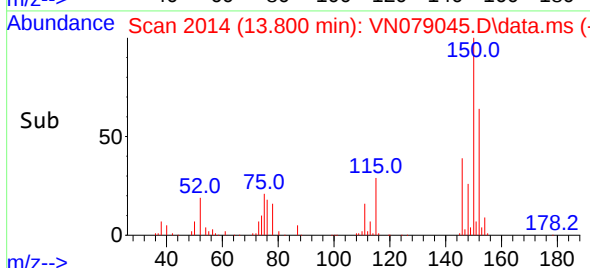
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

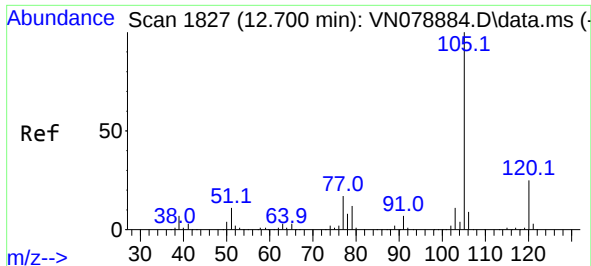


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



Tgt Ion:152 Resp: 153388
Ion Ratio Lower Upper
152 100
115 57.9 32.3 96.8
150 174.9 0.0 355.8





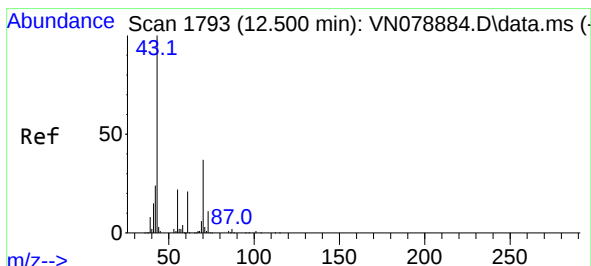
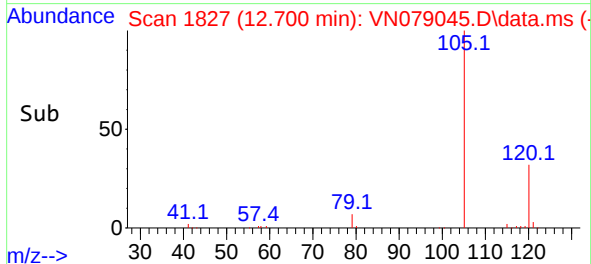
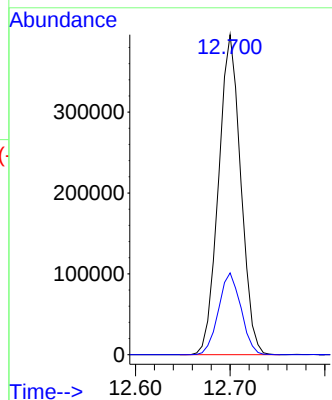
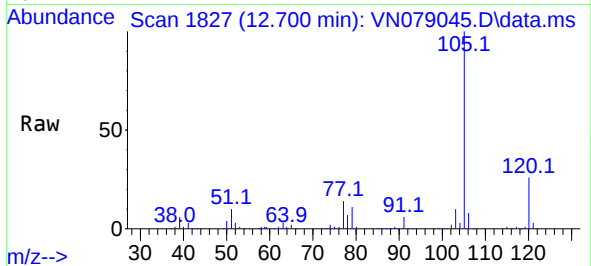
#73
Isopropylbenzene
Concen: 50.537 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 646359
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

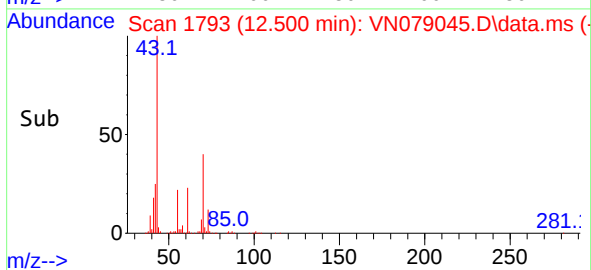
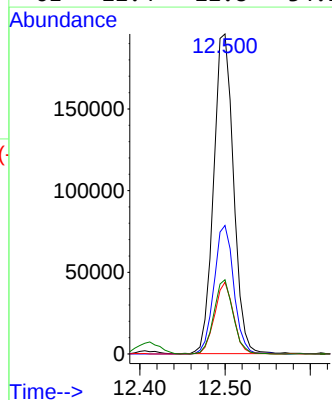
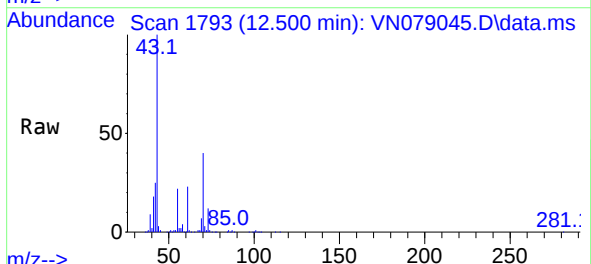
Manual Integrations
APPROVED

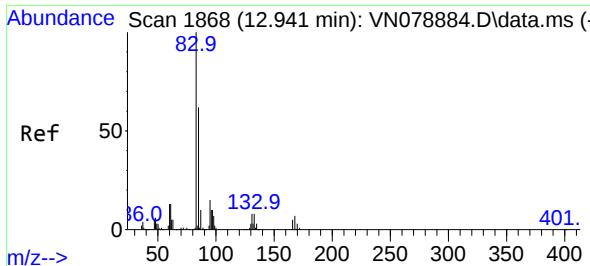
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#74
N-ethyl acetate
Concen: 49.154 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

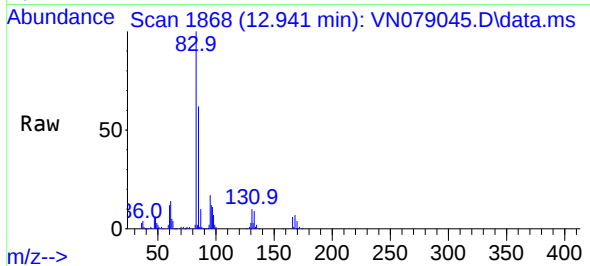
Tgt Ion: 43 Resp: 317331
Ion Ratio Lower Upper
43 100
70 40.0 43.4 65.2#
55 21.4 21.4 32.0
61 22.4 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 47.923 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

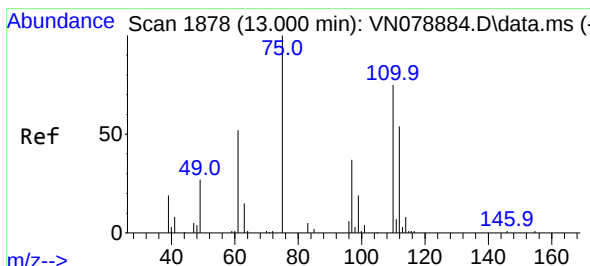
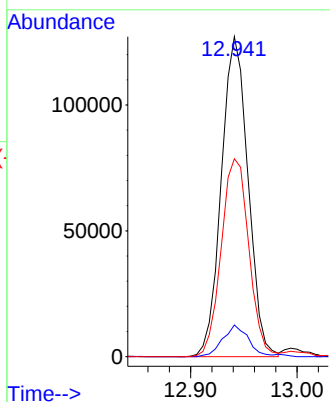
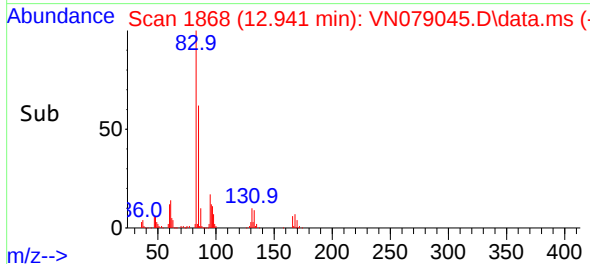
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 221312
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 64.0 31.9 95.7

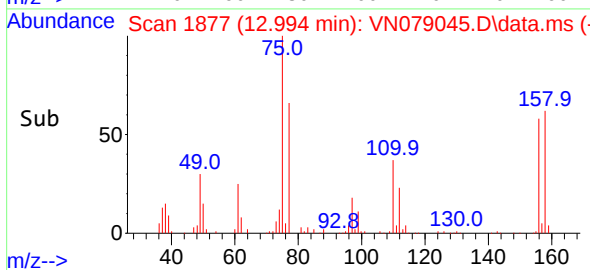
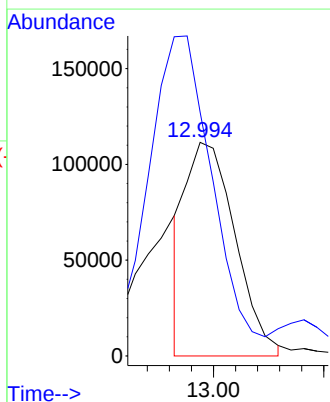
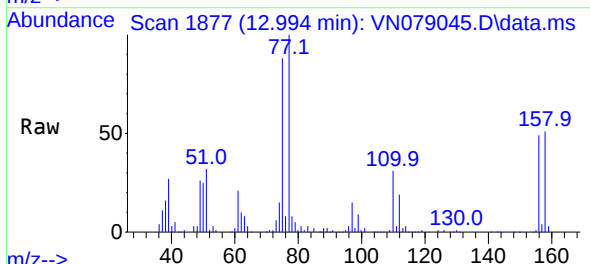
Manual Integrations
APPROVED

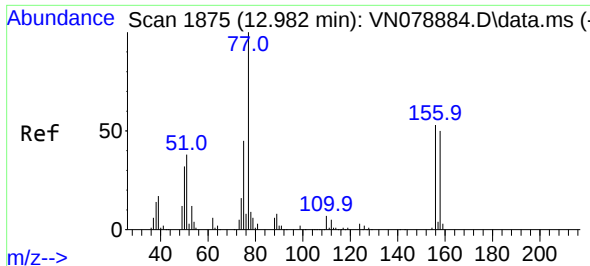
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#76
1,2,3-Trichloropropane
Concen: 46.945 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

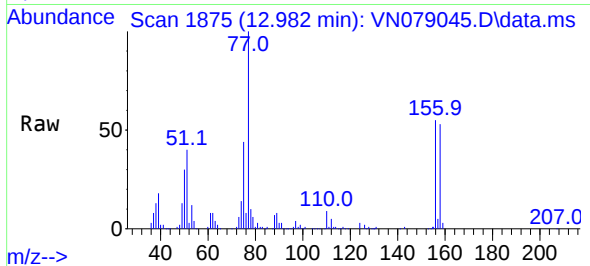
Tgt Ion: 75 Resp: 173504
Ion Ratio Lower Upper
75 100
77 197.3 84.5 253.5





#77
Bromobenzene
Concen: 52.056 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

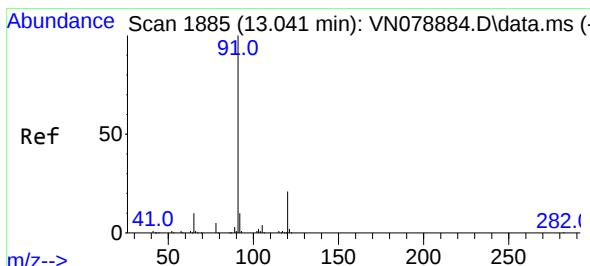
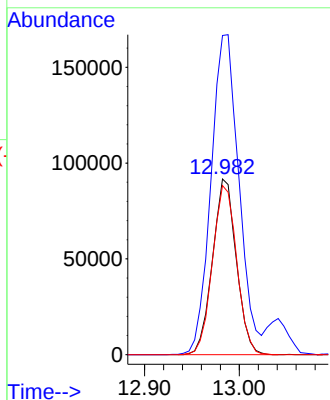
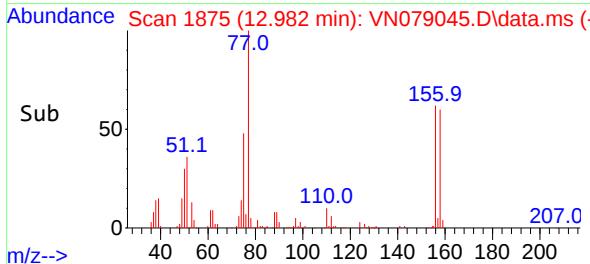
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



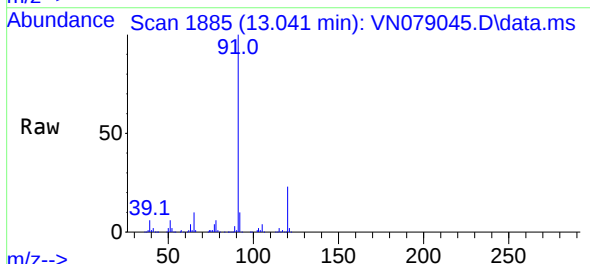
Tgt Ion:156 Resp: 16003
Ion Ratio Lower Upper
156 100
77 213.9 107.7 323.3
158 98.2 48.4 145.3

Manual Integrations
APPROVED

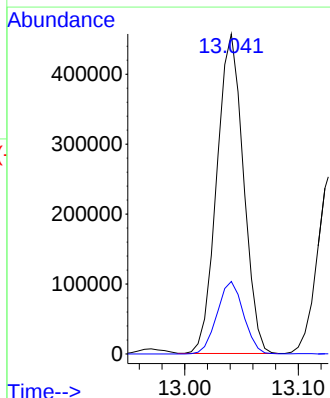
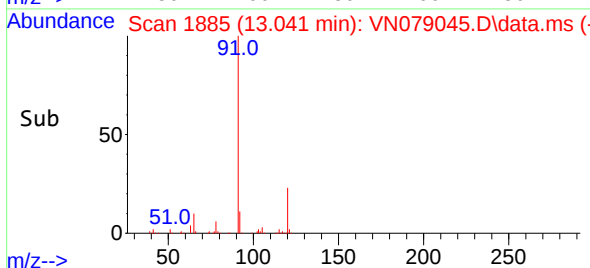
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

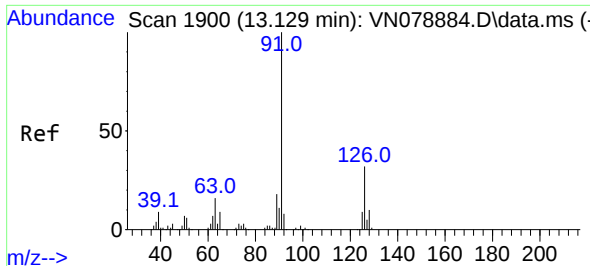


#78
n-propylbenzene
Concen: 50.294 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



Tgt Ion: 91 Resp: 745915
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





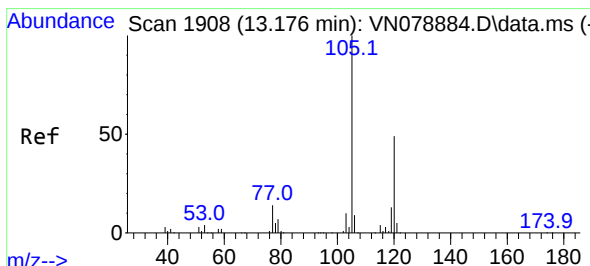
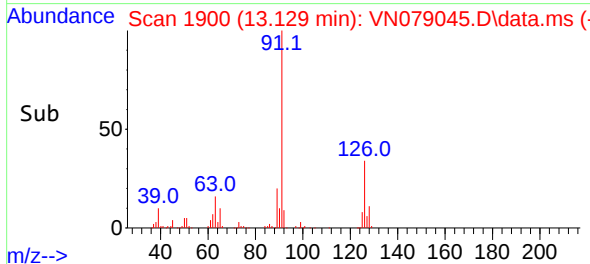
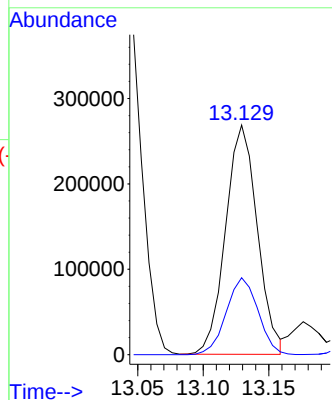
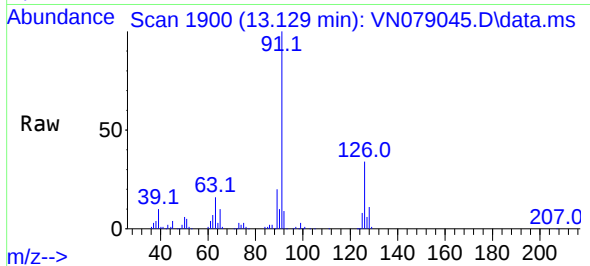
#79
2-Chlorotoluene
Concen: 49.180 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 452450
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

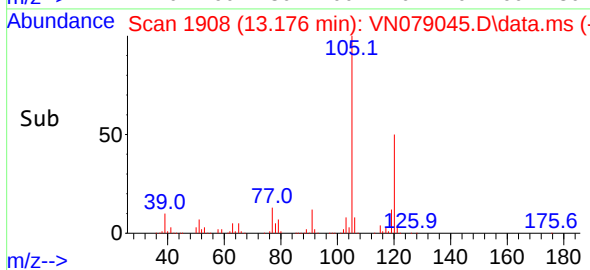
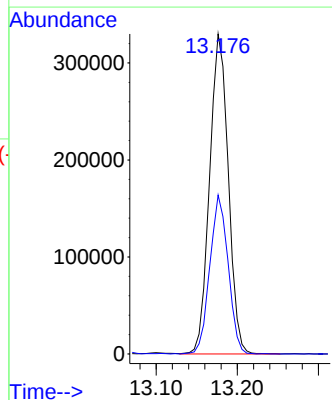
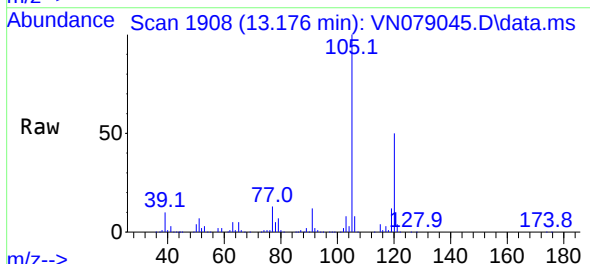
Manual Integrations
APPROVED

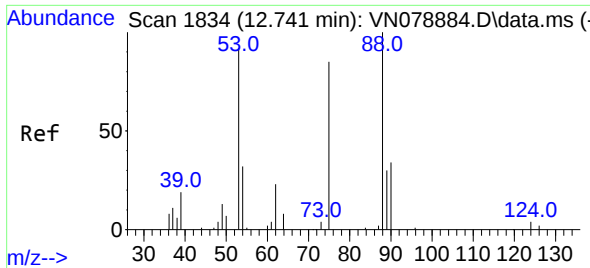
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.041 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

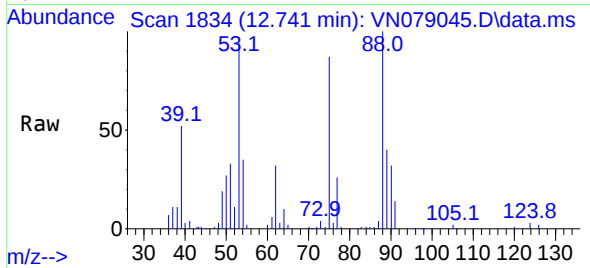
Tgt Ion:105 Resp: 527462
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.697 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

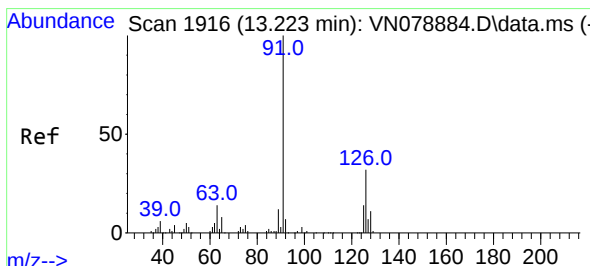
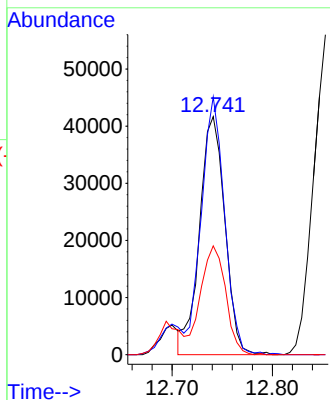
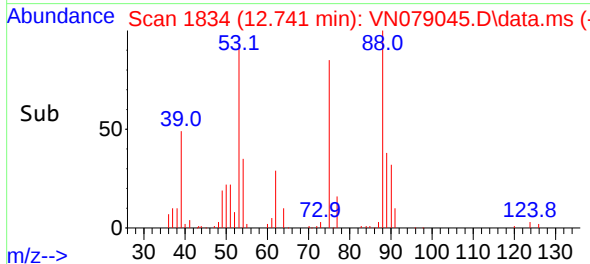
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



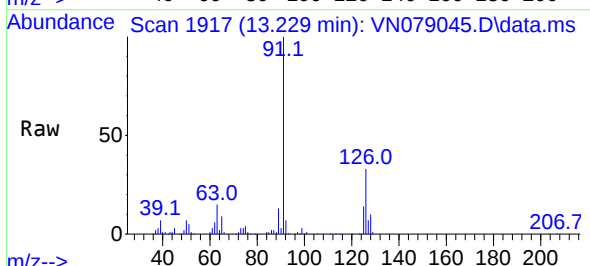
Tgt Ion: 75 Resp: 73348
Ion Ratio Lower Upper
75 100
53 99.4 67.4 101.2
89 45.4 38.8 58.2

Manual Integrations
APPROVED

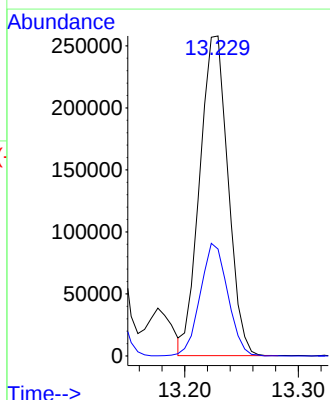
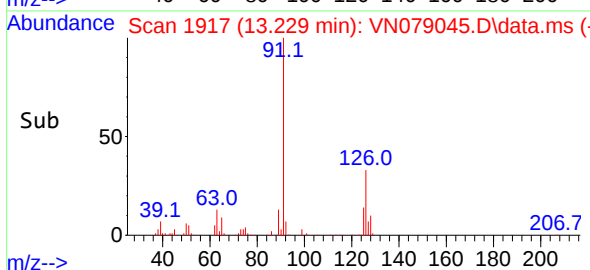
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

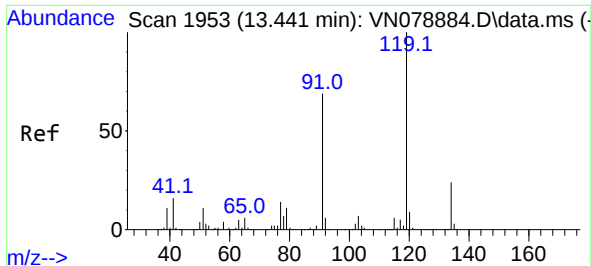


#82
4-Chlorotoluene
Concen: 49.615 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



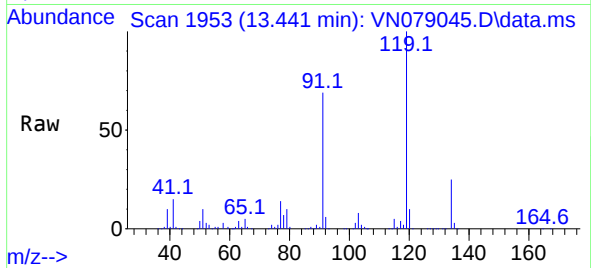
Tgt Ion: 91 Resp: 446628
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 53.487 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

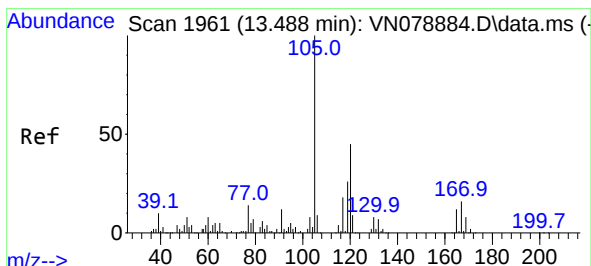
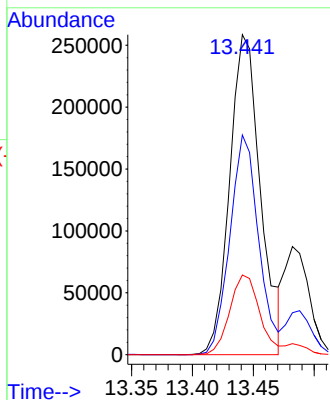
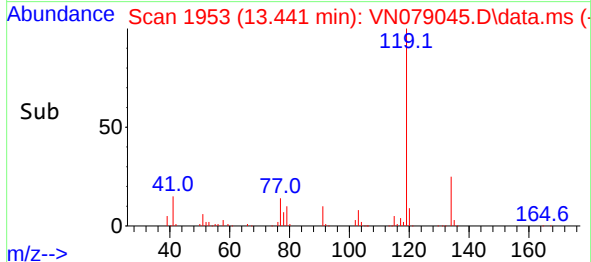
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



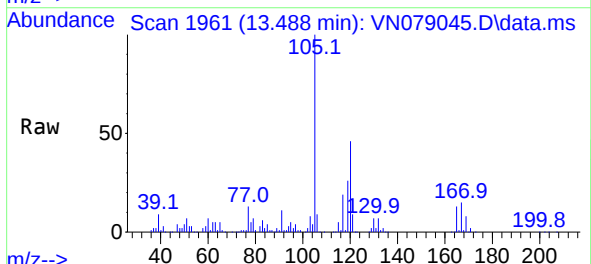
Tgt Ion:119 Resp: 455491
Ion Ratio Lower Upper
119 100
91 64.0 33.9 101.7
134 24.7 13.2 39.6

Manual Integrations
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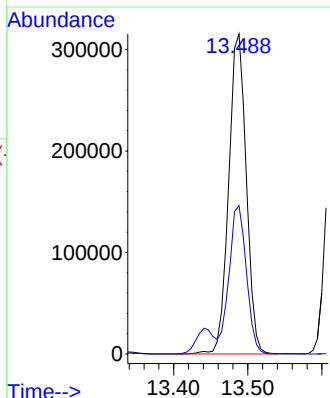
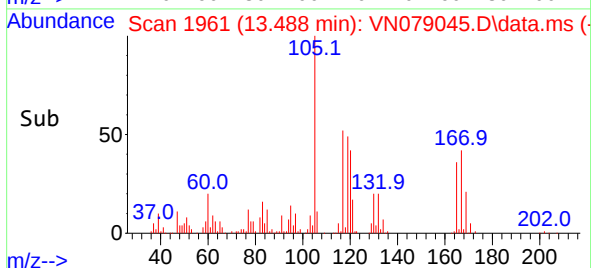
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

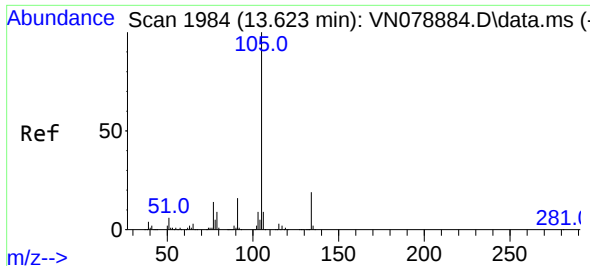


#84
1,2,4-Trimethylbenzene
Concen: 51.666 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



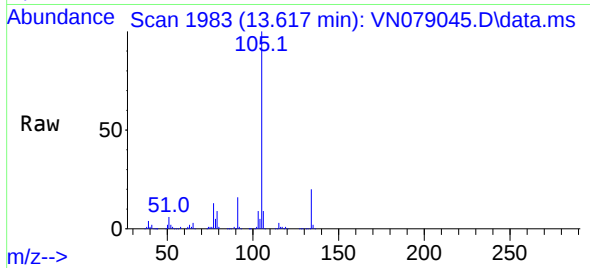
Tgt Ion:105 Resp: 518516
Ion Ratio Lower Upper
105 100
120 45.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 51.803 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079045.D
 Acq: 25 Aug 2023 10:30

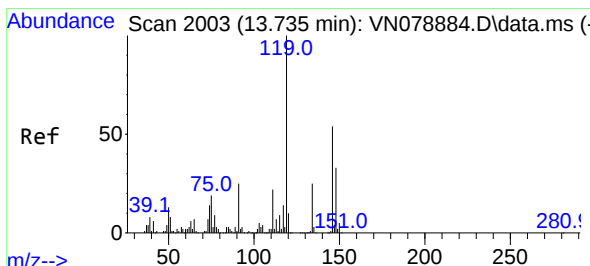
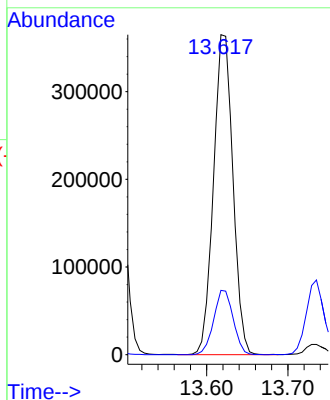
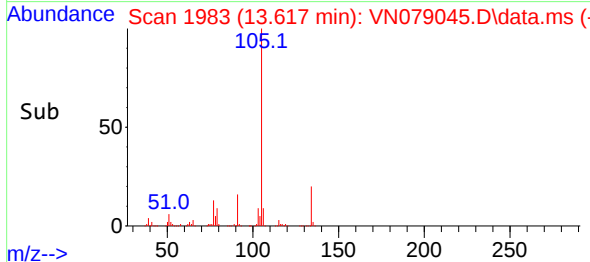
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



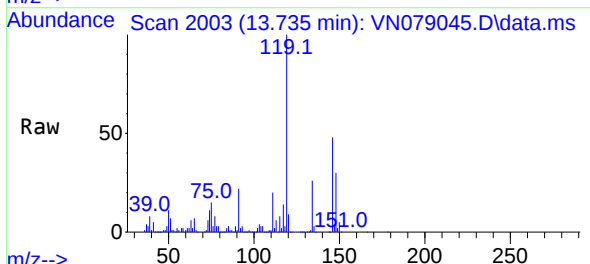
Tgt Ion:105 Resp: 60710
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

Manual Integrations
 APPROVED

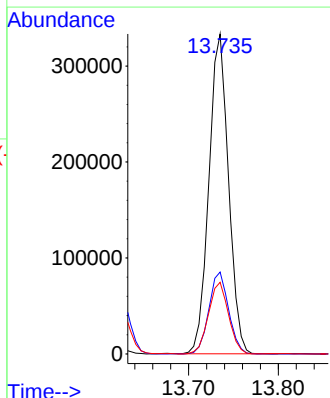
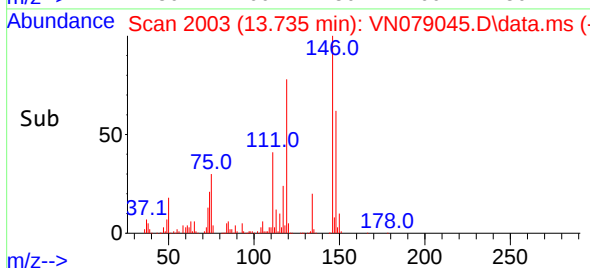
Reviewed By :John Carlone 08/28/2023
 Supervised By :Mahesh Dadoda 08/28/2023

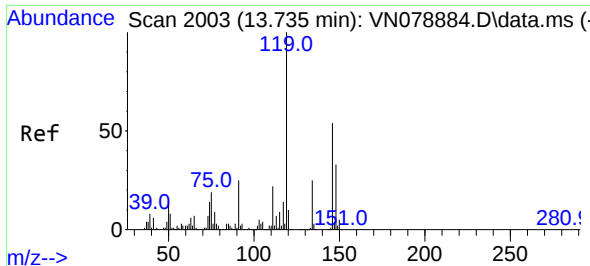


#86
 p-Isopropyltoluene
 Concen: 53.934 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079045.D
 Acq: 25 Aug 2023 10:30



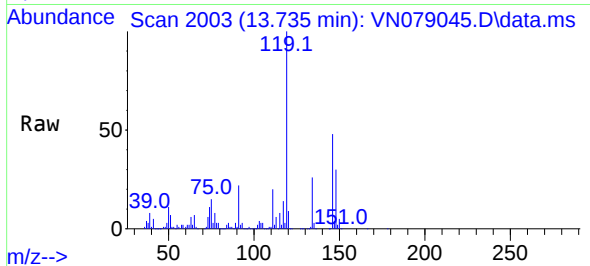
Tgt Ion:119 Resp: 505004
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 23.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 51.831 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

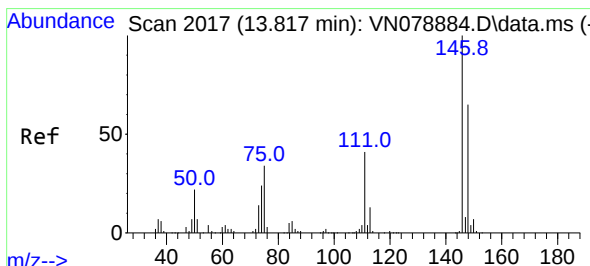
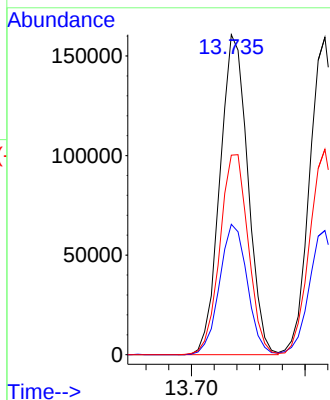
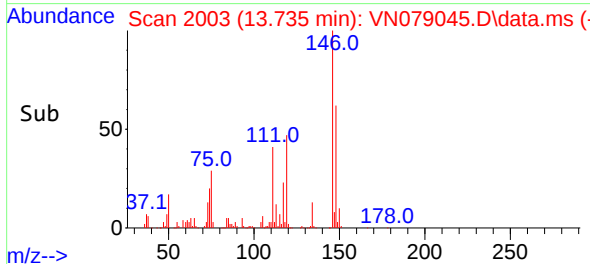
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 274188
Ion Ratio Lower Upper
146 100
111 40.6 22.1 66.3
148 63.7 32.0 96.0

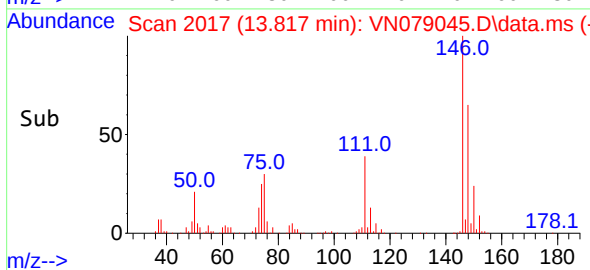
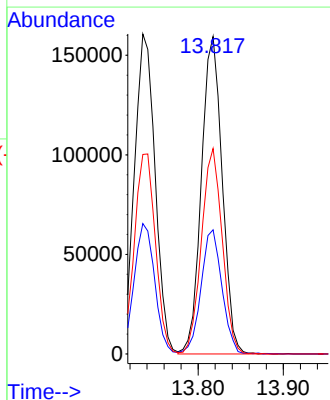
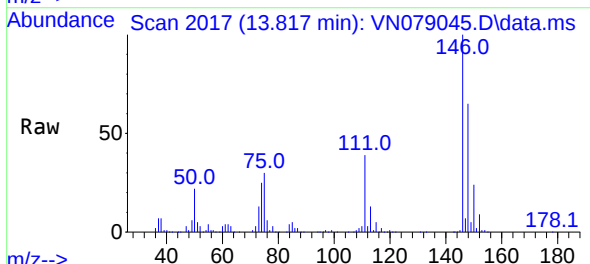
Manual Integrations
APPROVED

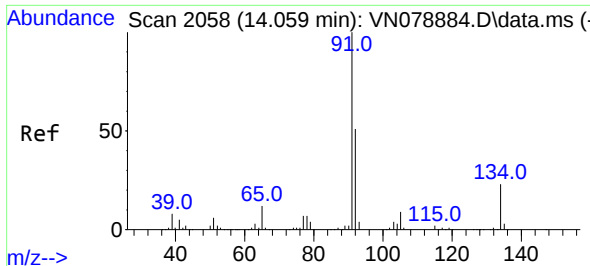
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#88
1,4-Dichlorobenzene
Concen: 51.025 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

Tgt Ion:146 Resp: 270168
Ion Ratio Lower Upper
146 100
111 39.4 20.6 61.8
148 64.7 31.6 94.8





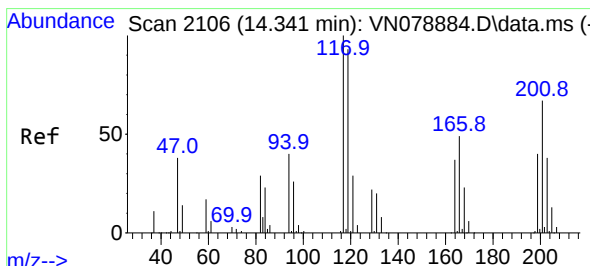
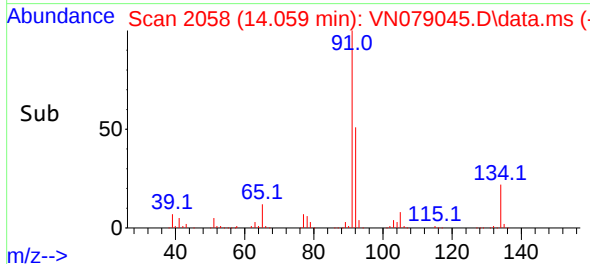
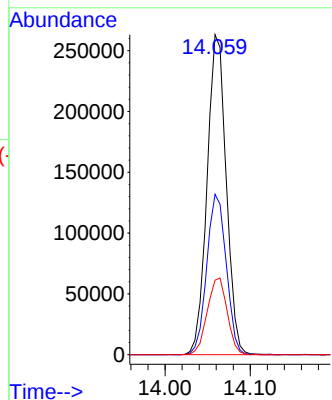
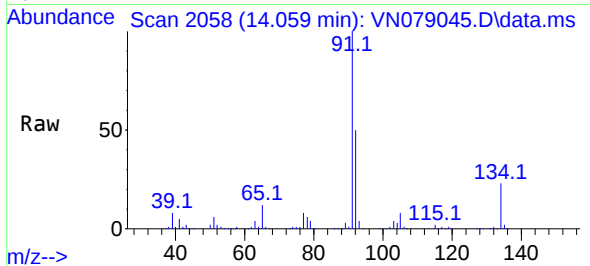
#89
n-Butylbenzene
Concen: 53.279 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 41054
Ion Ratio Lower Upper
91 100
92 51.1 26.4 79.0
134 24.9 12.6 37.6

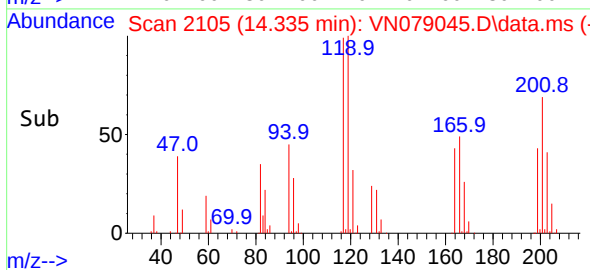
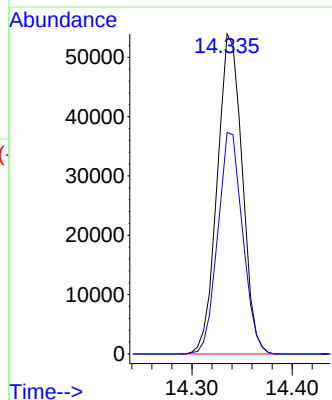
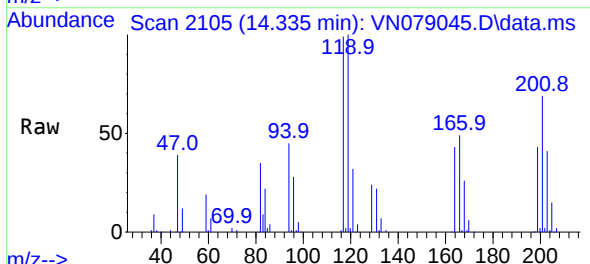
Manual Integrations
APPROVED

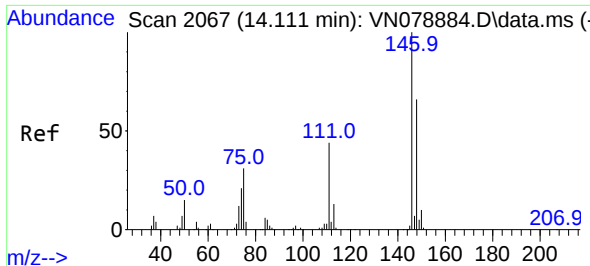
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#90
Hexachloroethane
Concen: 49.760 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

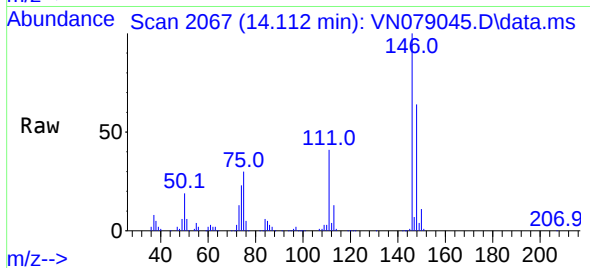
Tgt Ion:117 Resp: 93397
Ion Ratio Lower Upper
117 100
201 68.9 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 52.389 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

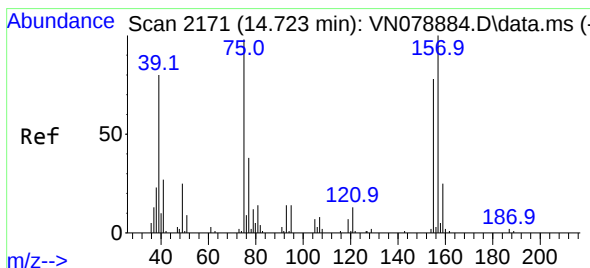
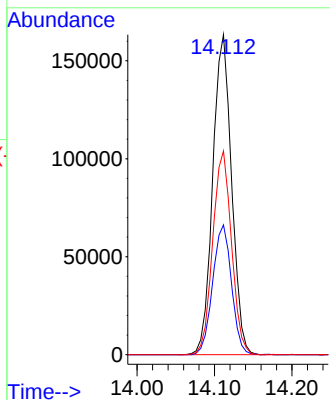
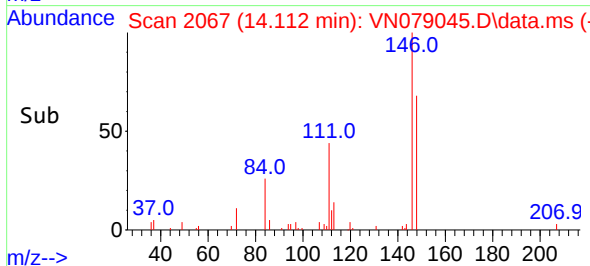
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



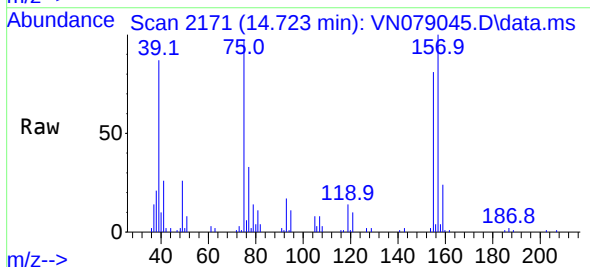
Tgt Ion:146 Resp: 275608
Ion Ratio Lower Upper
146 100
111 40.5 22.0 66.0
148 63.5 31.8 95.3

Manual Integrations
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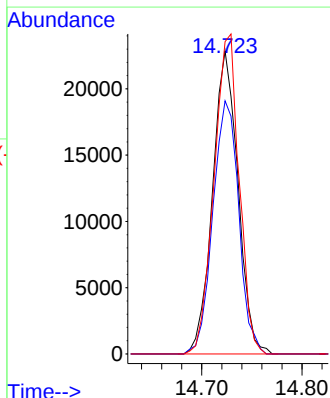
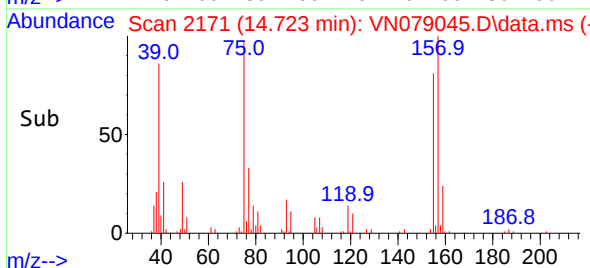
Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

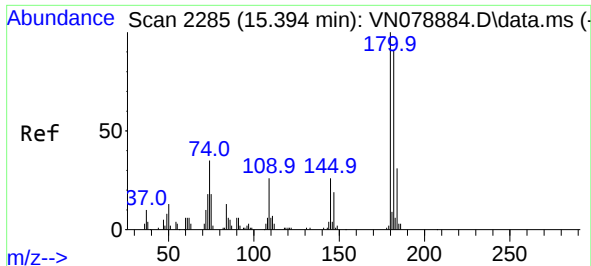


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.945 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



Tgt Ion: 75 Resp: 40238
Ion Ratio Lower Upper
75 100
155 84.9 39.1 117.2
157 104.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 59.754 ug/l

RT: 15.400 min Scan# 211439

Delta R.T. -0.000 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 111439

Ion Ratio Lower Upper

180 100

182 96.9 46.1 138.2

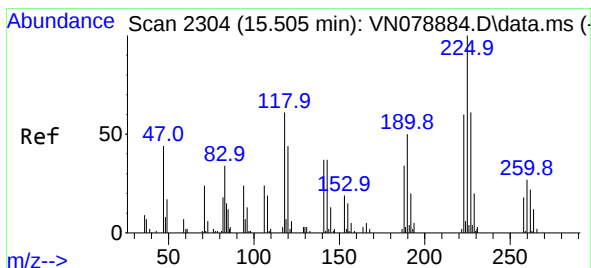
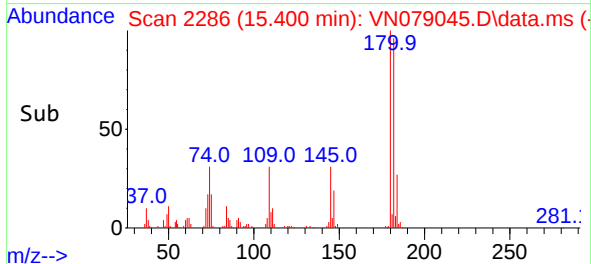
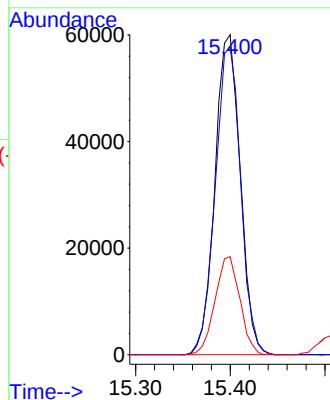
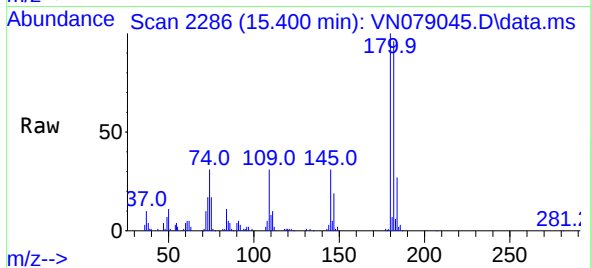
145 30.1 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/28/2023

Supervised By :Mahesh Dadoda 08/28/2023



#94

Hexachlorobutadiene

Concen: 58.072 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079045.D

Acq: 25 Aug 2023 10:30

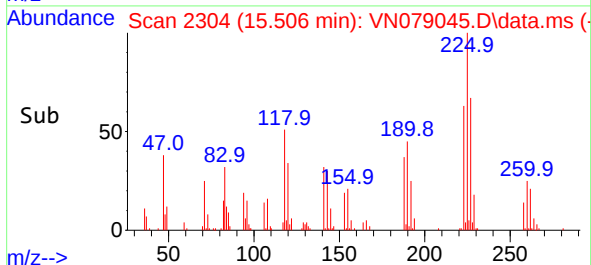
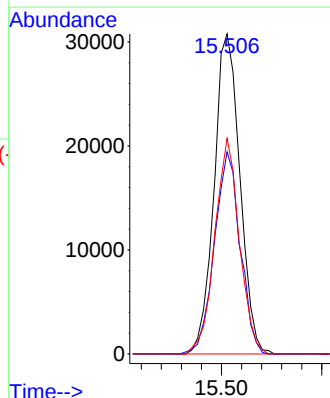
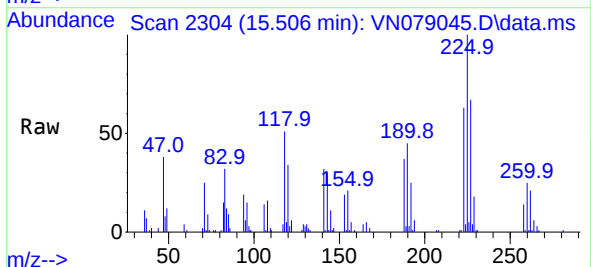
Tgt Ion:225 Resp: 54807

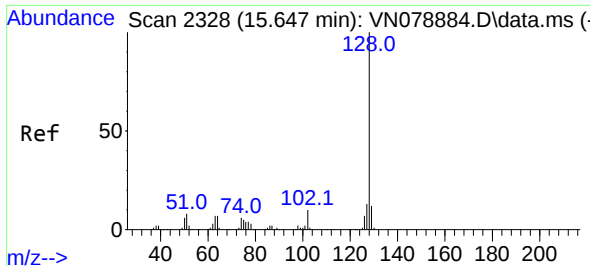
Ion Ratio Lower Upper

225 100

223 62.8 31.3 93.8

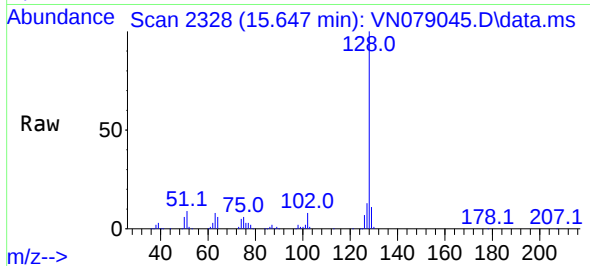
227 64.3 31.9 95.9





#95
Naphthalene
Concen: 48.943 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30

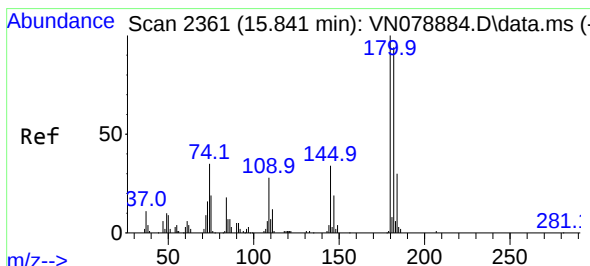
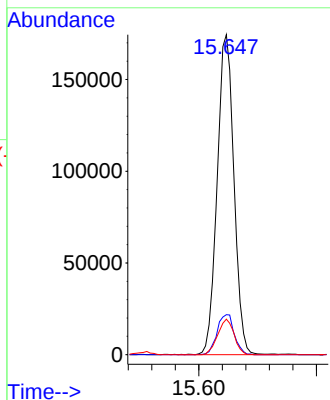
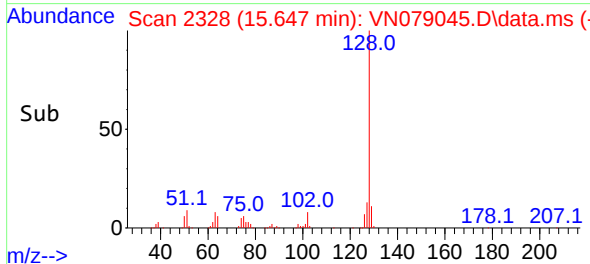
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



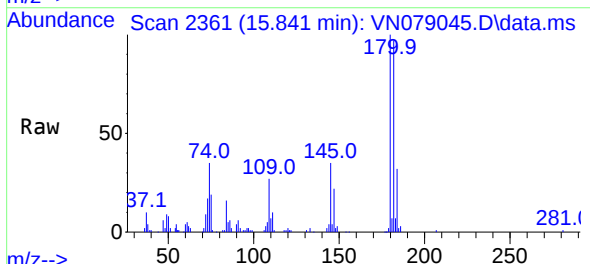
Tgt Ion:128 Resp: 34555
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 55.671 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079045.D
Acq: 25 Aug 2023 10:30



Tgt Ion:180 Resp: 113715
Ion Ratio Lower Upper
180 100
182 95.2 46.2 138.6
145 31.6 17.5 52.6

