

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
 Data File : VN079245.D
 Acq On : 12 Sep 2023 19:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/13/2023
 Supervised By : Mahesh Dadoda 09/13/2023

Quant Time: Sep 13 01:36:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	103033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	161789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	143896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	68522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	73300	52.702	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.400%			
35) Dibromofluoromethane	8.171	113	56099	52.127	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.260%			
50) Toluene-d8	10.571	98	202158	51.158	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.320%			
62) 4-Bromofluorobenzene	12.853	95	73903	58.631	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	49024	48.088	ug/l	97
3) Chloromethane	2.365	50	74271	55.497	ug/l	99
4) Vinyl Chloride	2.512	62	93517	64.132	ug/l	100
5) Bromomethane	2.936	94	49794	59.407	ug/l	100
6) Chloroethane	3.112	64	59479	64.047	ug/l	98
7) Trichlorofluoromethane	3.489	101	99714	46.698	ug/l	97
8) Diethyl Ether	3.965	74	32838	44.308	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	46563	41.004	ug/l	89
10) Methyl Iodide	4.594	142	54914	59.117	ug/l	95
11) Tert butyl alcohol	5.536	59	54243	211.243	ug/l	99
12) 1,1-Dichloroethene	4.336	96	46031	41.888	ug/l	86
13) Acrolein	4.183	56	48698	198.815	ug/l	99
14) Allyl chloride	5.024	41	61178	34.899	ug/l	97
15) Acrylonitrile	5.724	53	129415	194.369	ug/l	99
16) Acetone	4.436	43	103670	175.503	ug/l	97
17) Carbon Disulfide	4.712	76	120979	35.225	ug/l	99
18) Methyl Acetate	5.030	43	86413	35.594	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	178216	47.288	ug/l	97
20) Methylene Chloride	5.283	84	55651	38.714	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	53209	41.740	ug/l	89
22) Diisopropyl ether	6.683	45	142030	36.927	ug/l	94
23) Vinyl Acetate	6.612	43	444328	187.816	ug/l	94
24) 1,1-Dichloroethane	6.577	63	94986	40.061	ug/l	99
25) 2-Butanone	7.488	43	157382	183.630	ug/l	92
26) 2,2-Dichloropropane	7.494	77	85355	43.868	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	62020	42.549	ug/l	92
28) Bromochloromethane	7.818	49	42173	39.339	ug/l	94
29) Tetrahydrofuran	7.847	42	102646	188.198	ug/l	89
30) Chloroform	7.971	83	109520	44.364	ug/l	94
31) Cyclohexane	8.259	56	72946	35.919	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	105662	50.211	ug/l	99
36) 1,1-Dichloropropene	8.377	75	75762	45.672	ug/l	98
37) Ethyl Acetate	7.565	43	64009	38.687	ug/l	97
38) Carbon Tetrachloride	8.365	117	99637	58.043	ug/l	97
39) Methylcyclohexane	9.606	83	78225	47.807	ug/l	93
40) Benzene	8.612	78	222910	43.897	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	34590	41.464	ug/l	93
42) 1,2-Dichloroethane	8.677	62	88559	50.658	ug/l	97
43) Isopropyl Acetate	8.694	43	105021	38.901	ug/l	99
44) Trichloroethene	9.359	130	58558	46.811	ug/l	94
45) 1,2-Dichloropropane	9.624	63	53973	42.827	ug/l	94
46) Dibromomethane	9.712	93	40870	47.772	ug/l #	85
47) Bromodichloromethane	9.894	83	87600	49.991	ug/l	95
48) Methyl methacrylate	9.688	41	51547	42.627	ug/l	88
49) 1,4-Dioxane	9.700	88	24269	975.756	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	316977	202.263	ug/l	99
52) Toluene	10.635	92	144677	46.360	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	91628	49.591	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	93835	47.482	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	56050	45.773	ug/l	96
56) Ethyl methacrylate	10.882	69	87525	50.634	ug/l	93
57) 1,3-Dichloropropane	11.170	76	96541	45.607	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	152619	213.536	ug/l	98
59) 2-Hexanone	11.200	43	236533	208.386	ug/l	98
60) Dibromochloromethane	11.365	129	70905	54.407	ug/l	99
61) 1,2-Dibromoethane	11.476	107	58067	47.517	ug/l	97
64) Tetrachloroethene	11.112	164	54238	51.692	ug/l	95
65) Chlorobenzene	11.894	112	155184	47.605	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	63796	52.190	ug/l	94
67) Ethyl Benzene	11.970	91	278891	50.018	ug/l	95
68) m/p-Xylenes	12.076	106	210107	101.096	ug/l	91
69) o-Xylene	12.400	106	103988	52.171	ug/l	93
70) Styrene	12.417	104	172457	53.796	ug/l	96
71) Bromoform	12.582	173	51626	57.209	ug/l #	98
73) Isopropylbenzene	12.700	105	273503	43.871	ug/l	99
74) N-amyl acetate	12.500	43	85976	36.350	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	77971	33.586	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	69787m	37.789	ug/l	
77) Bromobenzene	12.982	156	66411	42.070	ug/l	95
78) n-propylbenzene	13.041	91	304991	43.550	ug/l	100
79) 2-Chlorotoluene	13.129	91	192541	42.035	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	236737	45.573	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	25059	37.305	ug/l	86
82) 4-Chlorotoluene	13.223	91	188123	43.709	ug/l	99
83) tert-Butylbenzene	13.441	119	205055	47.716	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	231661	46.827	ug/l	100
85) sec-Butylbenzene	13.623	105	265570	44.889	ug/l	98
86) p-Isopropyltoluene	13.735	119	231481	48.974	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	117847	45.515	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	115209	44.035	ug/l	99
89) n-Butylbenzene	14.064	91	171573	46.161	ug/l	99
90) Hexachloroethane	14.341	117	43597	45.421	ug/l	67
91) 1,2-Dichlorobenzene	14.111	146	115547	45.206	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17619	49.925	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	52181	56.810	ug/l	98
94) Hexachlorobutadiene	15.506	225	34466	47.700	ug/l	99
95) Naphthalene	15.647	128	134432	49.278	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	55815	51.515	ug/l	97

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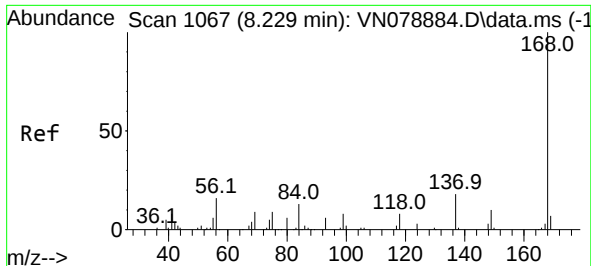
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APPROVED

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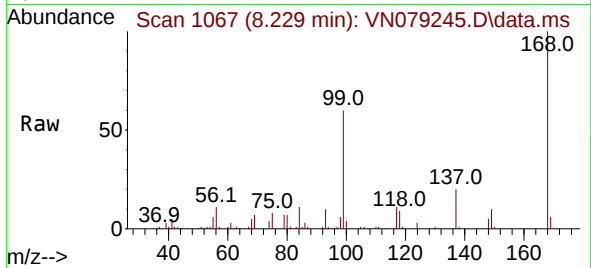
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
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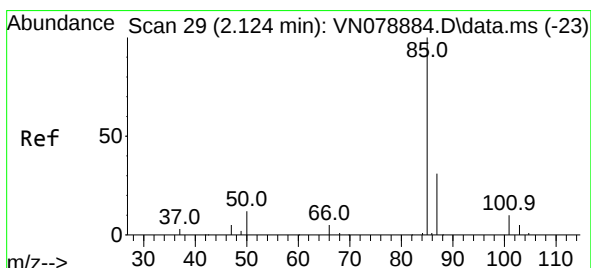
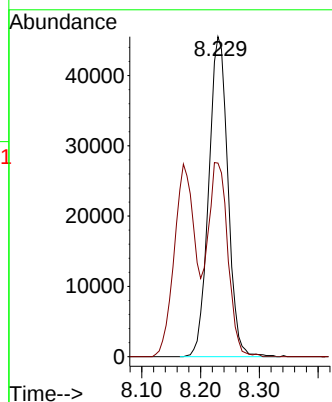
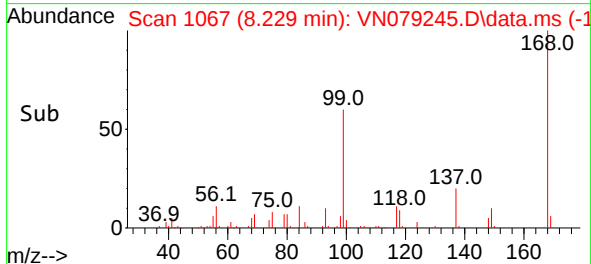
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 10303
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6

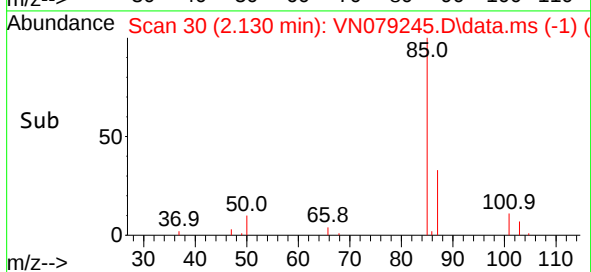
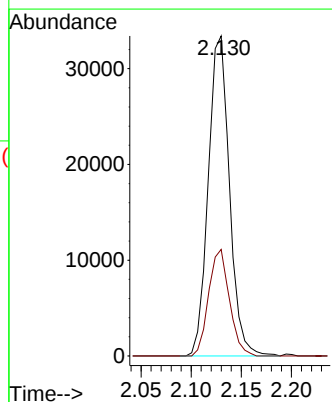
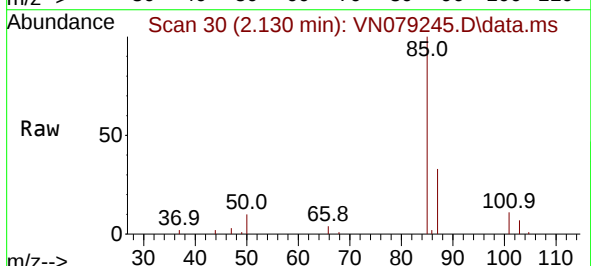
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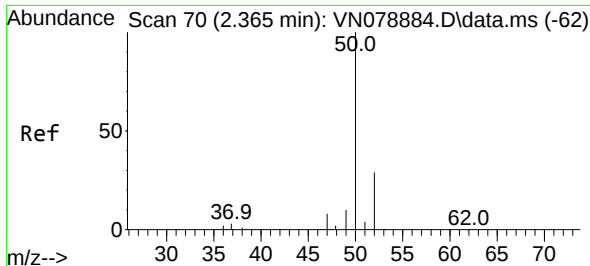
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#2
Dichlorodifluoromethane
Concen: 48.088 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

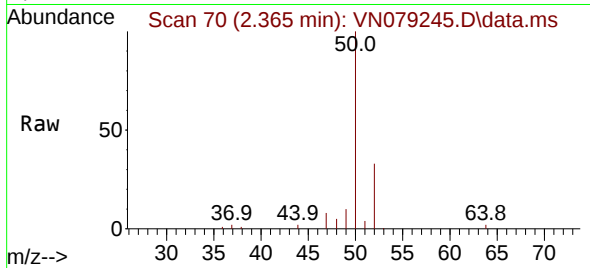
Tgt Ion: 85 Resp: 49024
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





#3
Chloromethane
Concen: 55.497 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

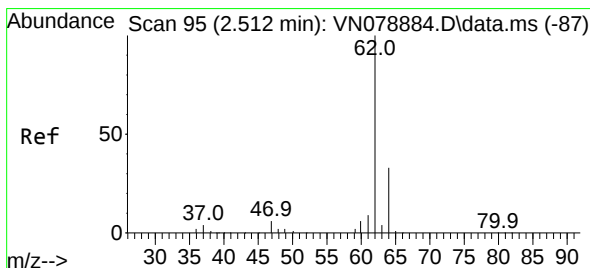
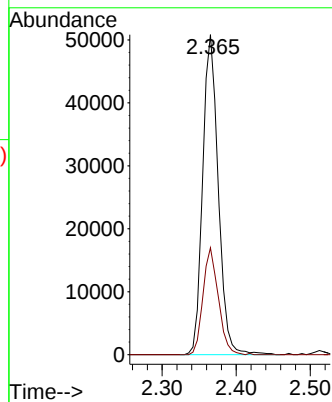
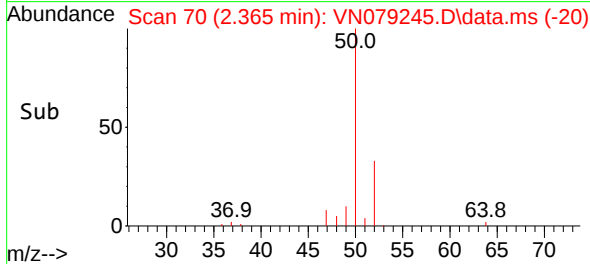
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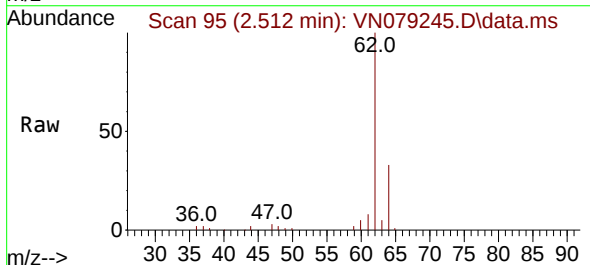
Tgt Ion: 50 Resp: 7427
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7

Manual Integrations
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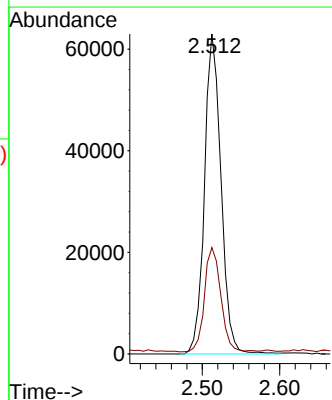
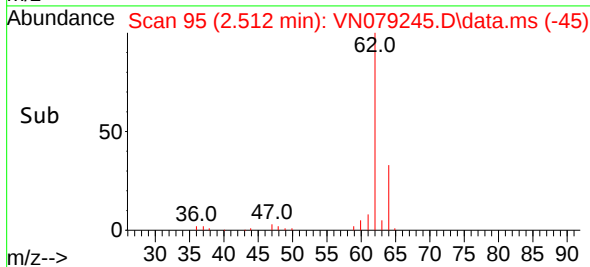
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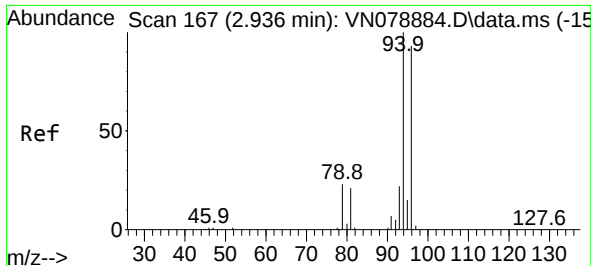


#4
Vinyl Chloride
Concen: 64.132 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12



Tgt Ion: 62 Resp: 93517
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.2





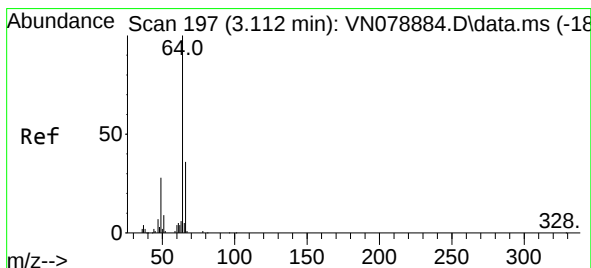
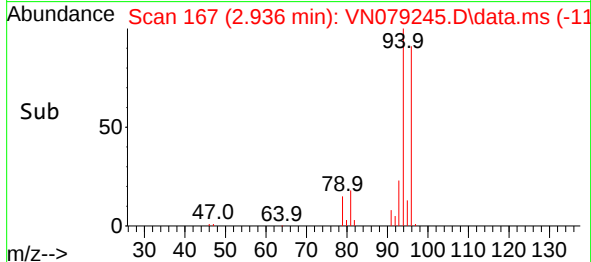
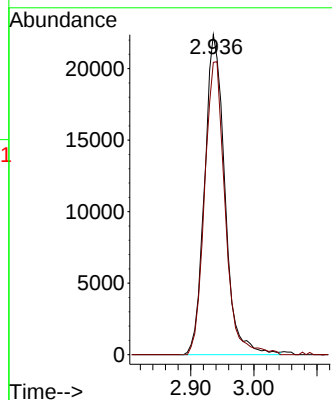
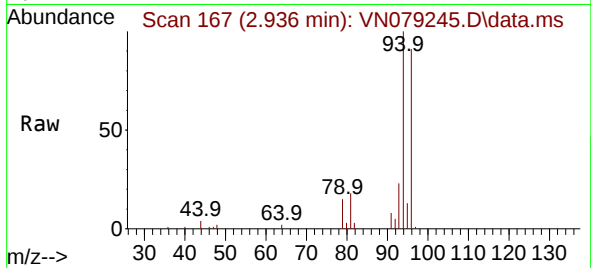
#5
Bromomethane
Concen: 59.407 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN079245.D
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Tgt Ion: 94 Resp: 49794
Ion Ratio Lower Upper
94 100
96 91.3 73.1 109.7

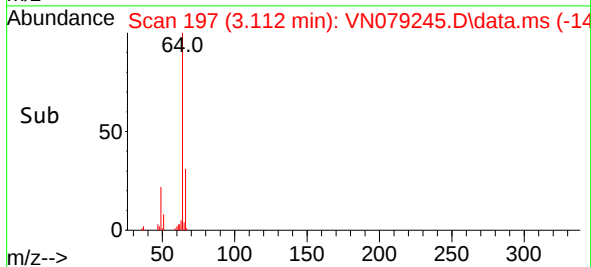
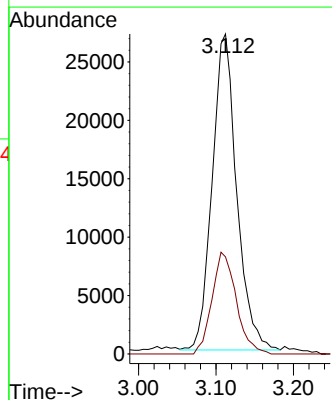
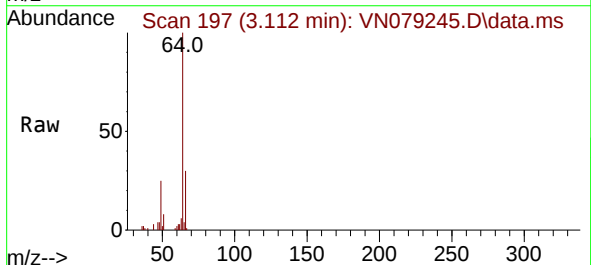
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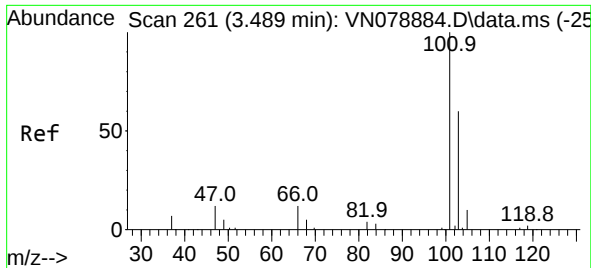
Reviewed By :John Carlone 09/13/2023
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#6
Chloroethane
Concen: 64.047 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
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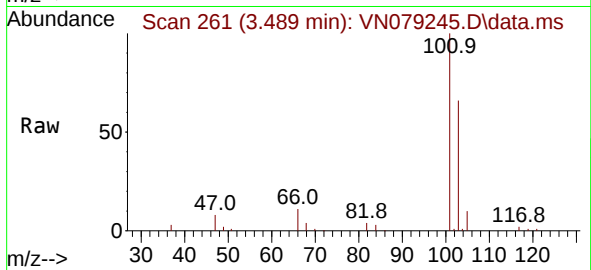
Tgt Ion: 64 Resp: 59479
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.2





#7
Trichlorofluoromethane
Concen: 46.698 ug/l
RT: 3.489 min Scan# 20
Delta R.T. -0.012 min
Lab File: VN079245.D
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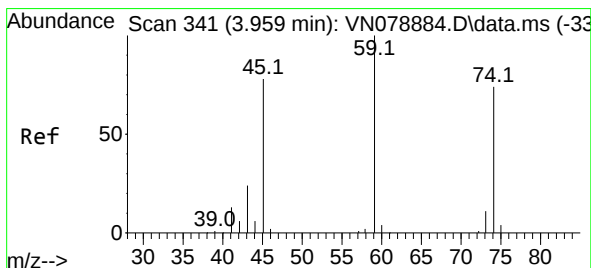
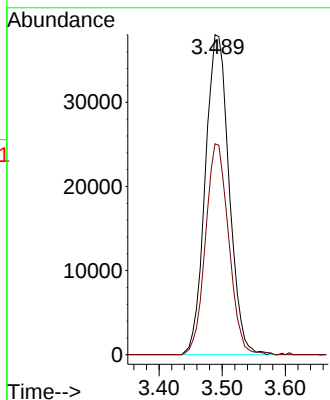
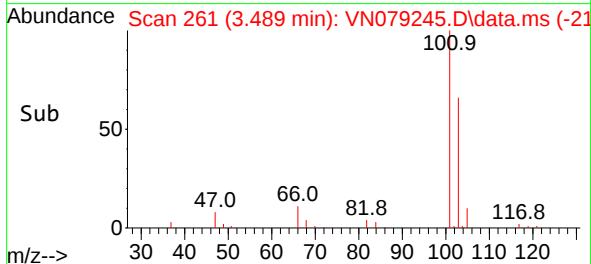
Instrument :
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Tgt Ion:101 Resp: 99714
Ion Ratio Lower Upper
101 100
103 65.9 50.7 76.1

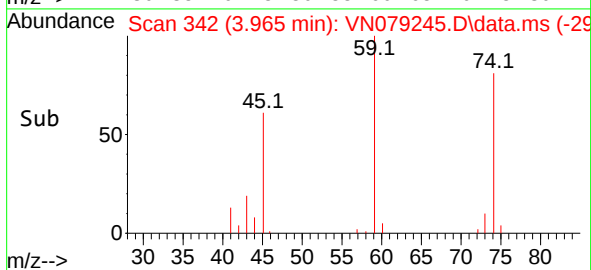
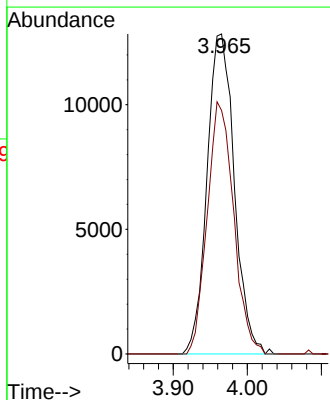
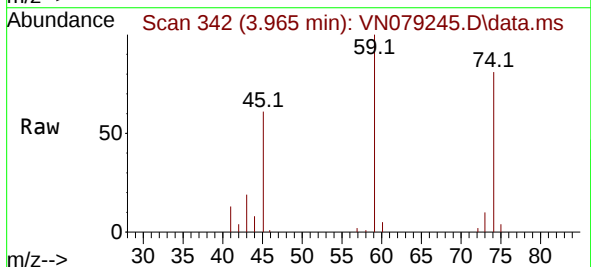
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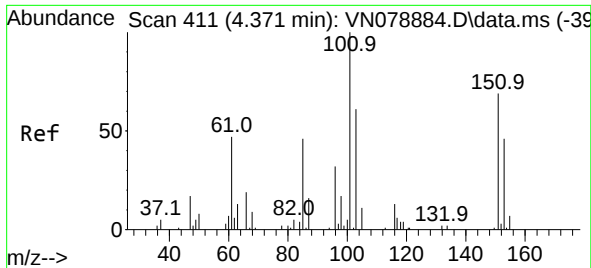
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#8
Diethyl Ether
Concen: 44.308 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 32838
Ion Ratio Lower Upper
74 100
45 76.3 34.4 103.3





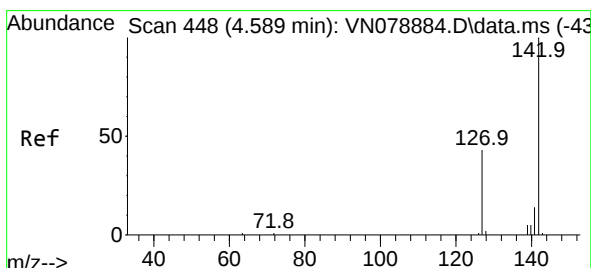
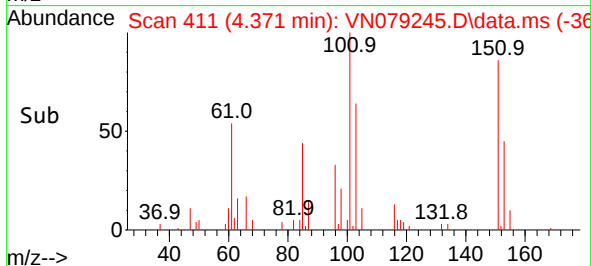
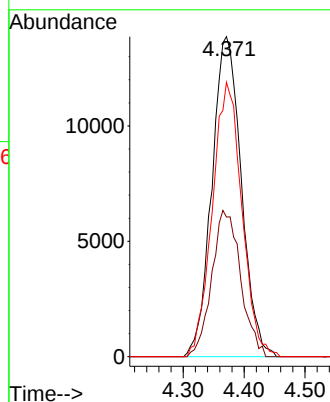
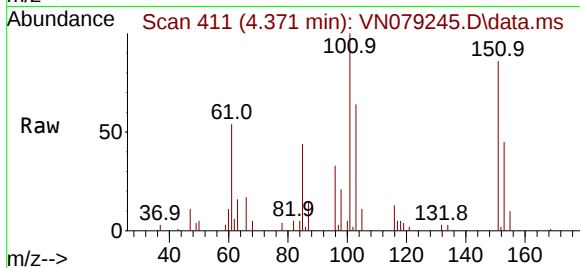
#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.004 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 4656
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 85.9 57.6 86.4

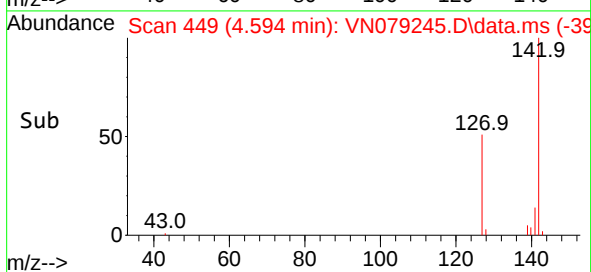
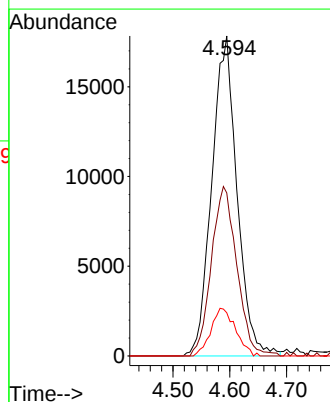
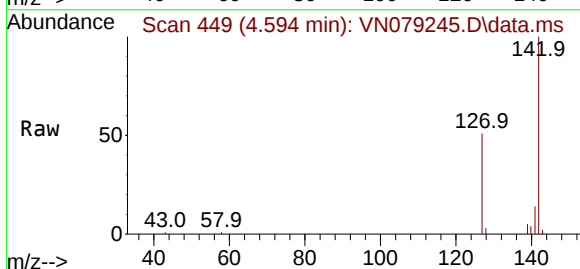
Manual Integrations
APPROVED

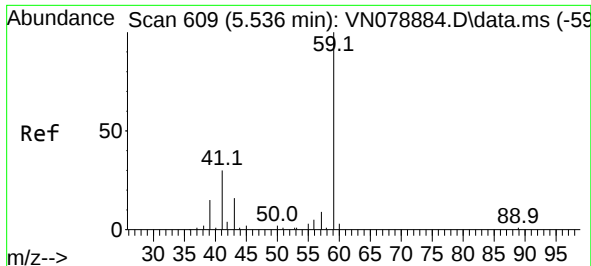
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#10
Methyl Iodide
Concen: 59.117 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

Tgt Ion:142 Resp: 54914
Ion Ratio Lower Upper
142 100
127 51.0 37.6 56.4
141 13.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 211.243 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

Instrument :

MSVOA_N

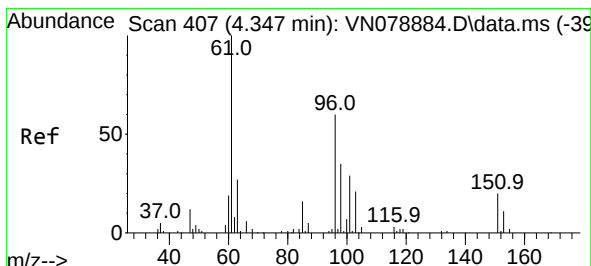
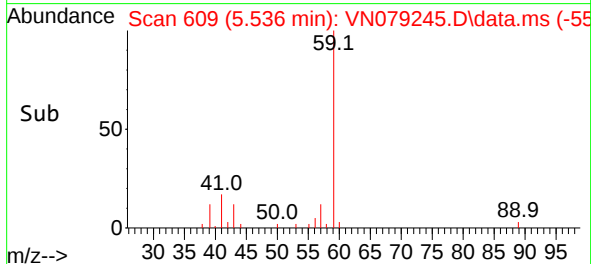
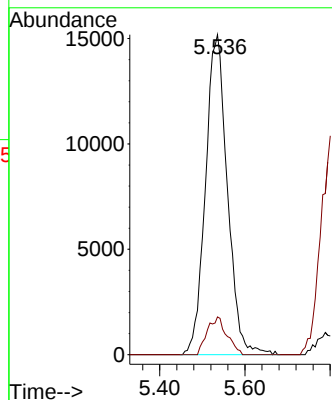
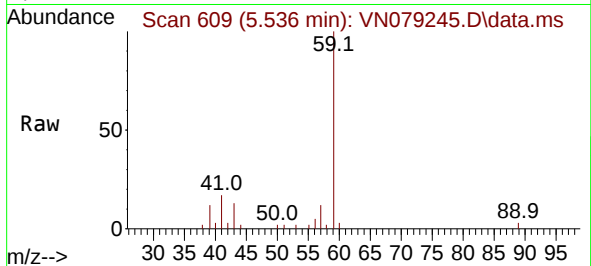
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 5424
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

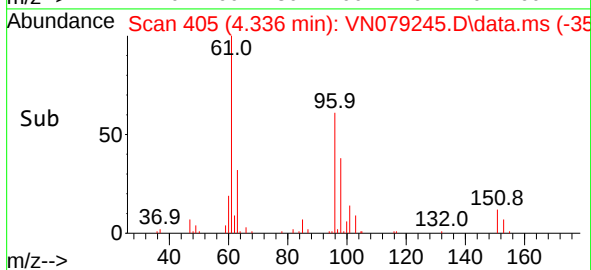
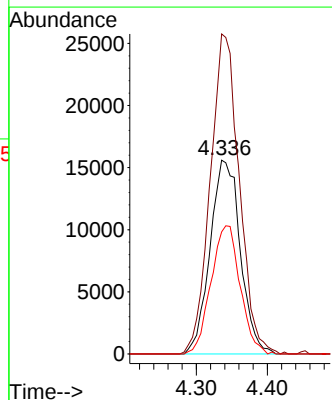
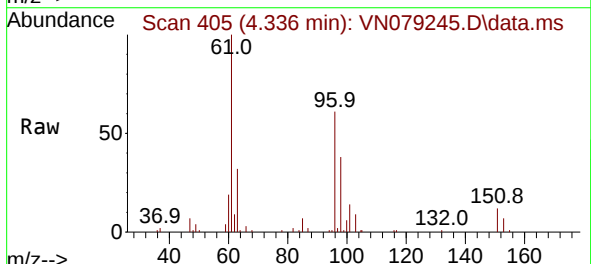
Manual Integrations
APPROVED

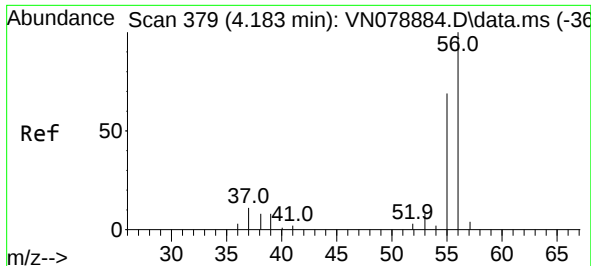
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#12
1,1-Dichloroethene
Concen: 41.888 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

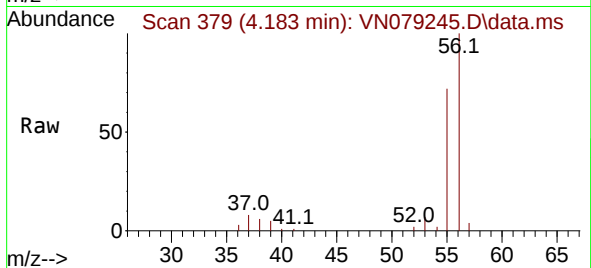
Tgt Ion: 96 Resp: 46031
Ion Ratio Lower Upper
96 100
61 165.1 112.7 169.1
98 63.0 51.2 76.8





#13
Acrolein
Concen: 198.815 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.012 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

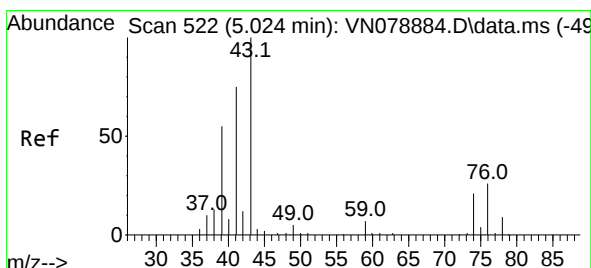
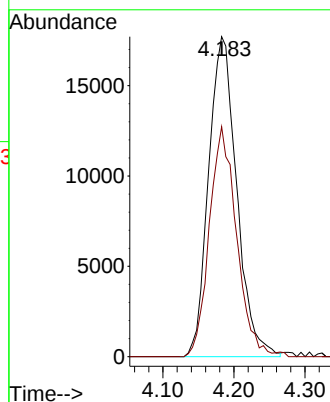
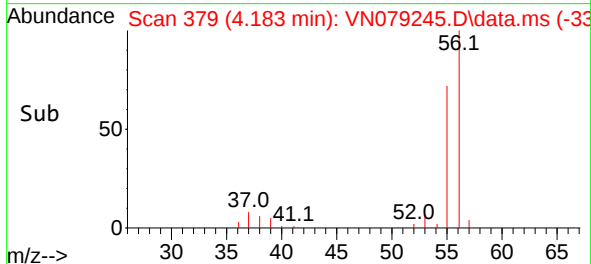
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



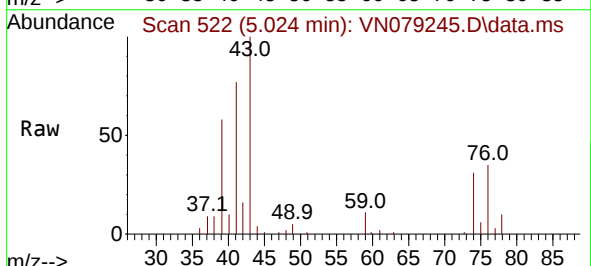
Tgt Ion: 56 Resp: 48698
Ion Ratio Lower Upper
56 100
55 69.2 54.5 81.7

Manual Integrations
APPROVED

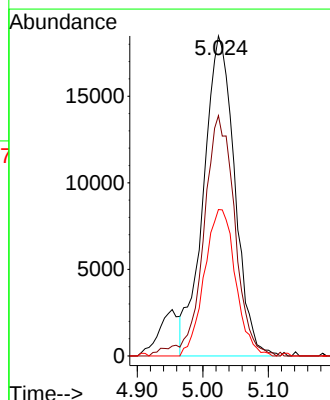
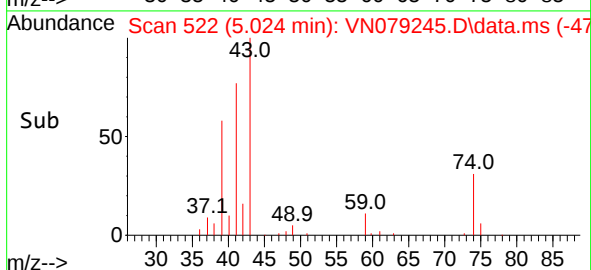
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

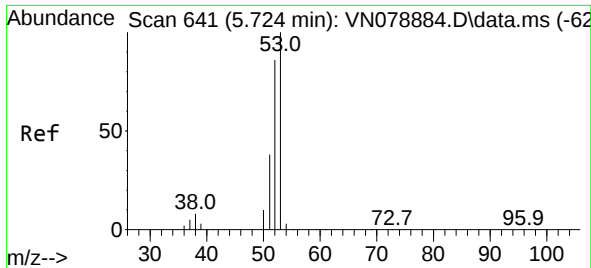


#14
Allyl chloride
Concen: 34.899 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12



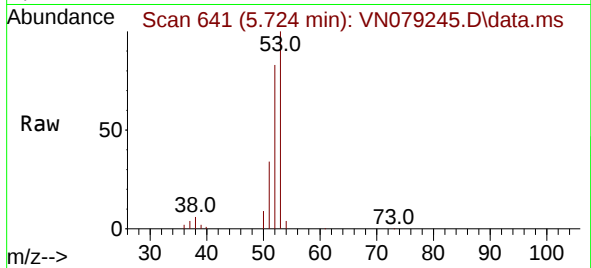
Tgt Ion: 41 Resp: 61178
Ion Ratio Lower Upper
41 100
39 75.0 58.8 88.2
76 45.5 39.1 58.7





#15
Acrylonitrile
Concen: 194.369 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

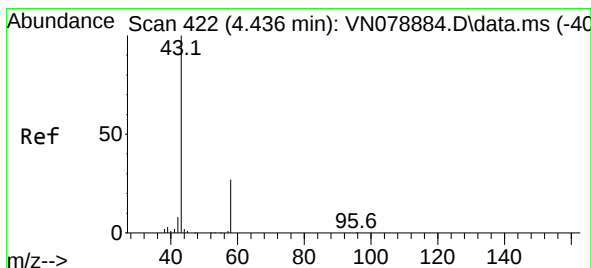
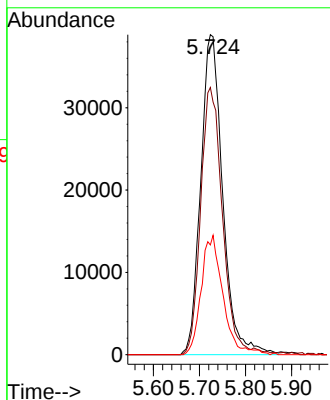
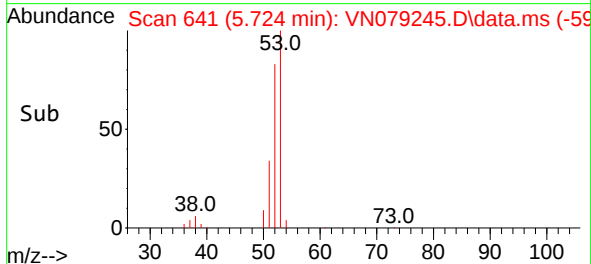
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



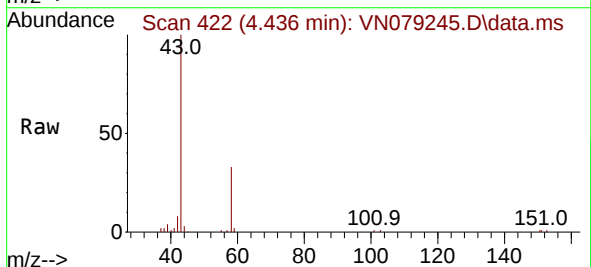
Tgt Ion: 53 Resp: 129415
Ion Ratio Lower Upper
53 100
52 81.8 65.3 97.9
51 36.9 28.9 43.3

Manual Integrations
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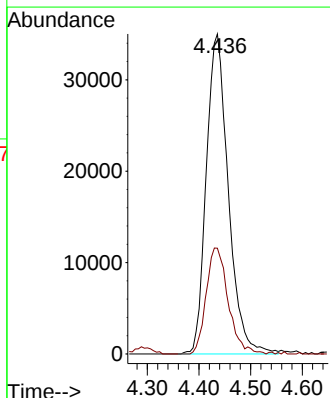
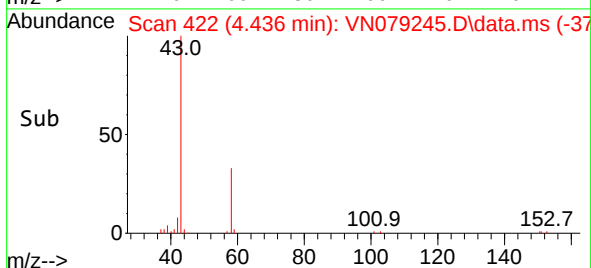
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

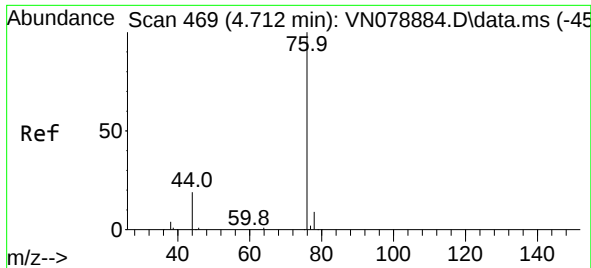


#16
Acetone
Concen: 175.503 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12



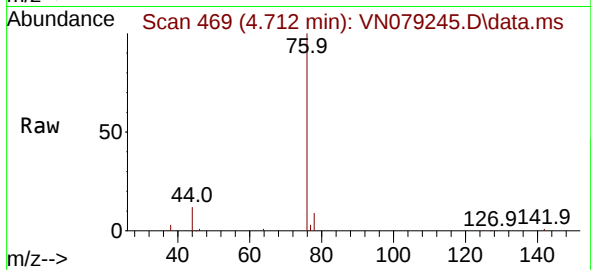
Tgt Ion: 43 Resp: 103670
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0





#17
Carbon Disulfide
Concen: 35.225 ug/l
RT: 4.712 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

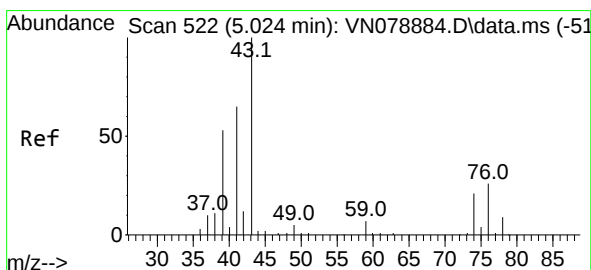
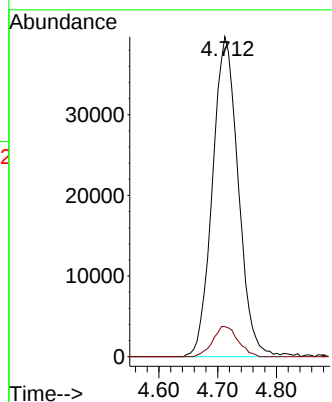
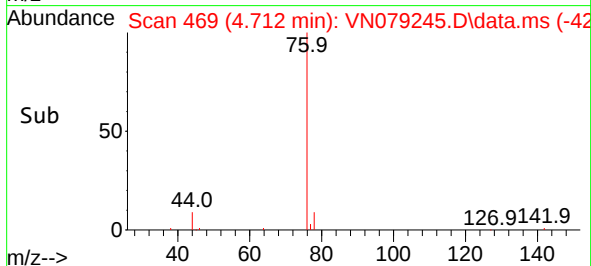
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



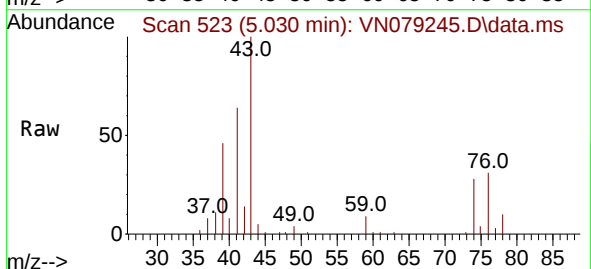
Tgt Ion: 76 Resp: 120979
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

Manual Integrations
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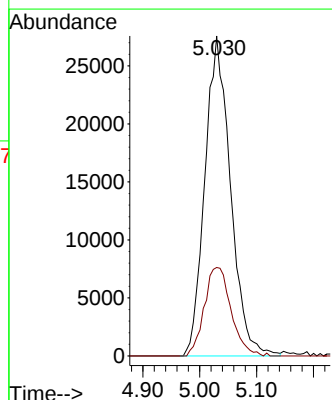
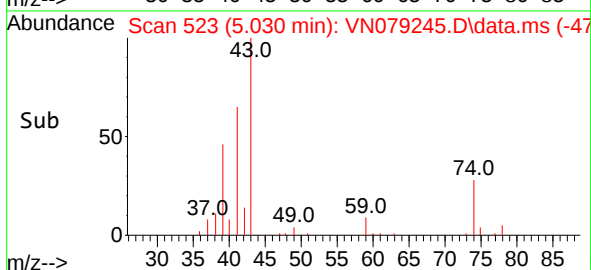
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

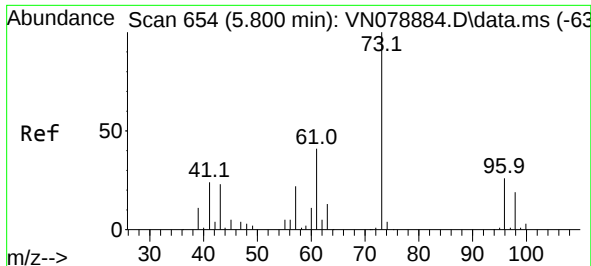


#18
Methyl Acetate
Concen: 35.594 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12



Tgt Ion: 43 Resp: 86413
Ion Ratio Lower Upper
43 100
74 28.8 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 47.288 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

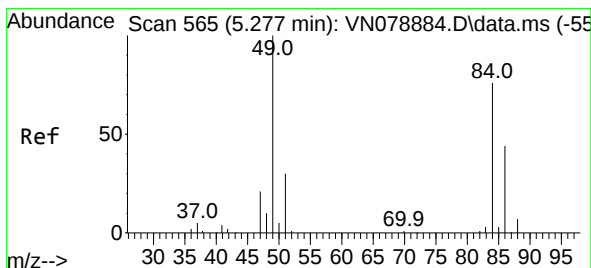
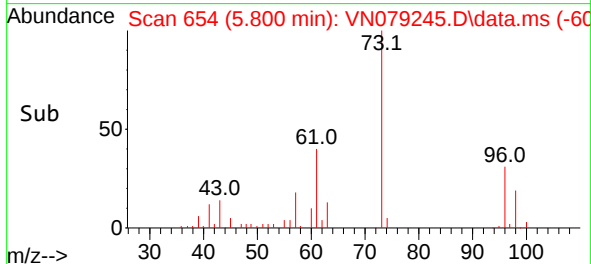
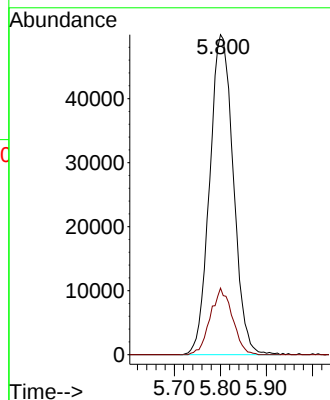
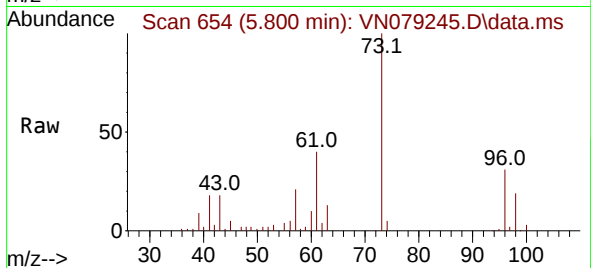
VSTDCCC050EC

Tgt Ion: 73 Resp: 178210
Ion Ratio Lower Upper
73 100
57 20.8 15.6 23.4

Manual Integrations

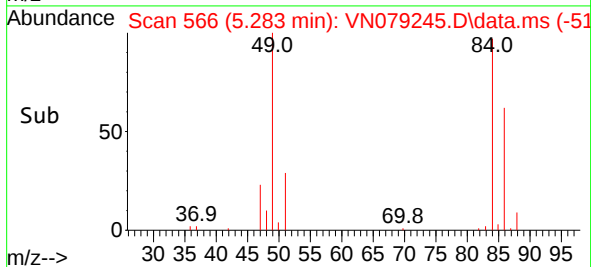
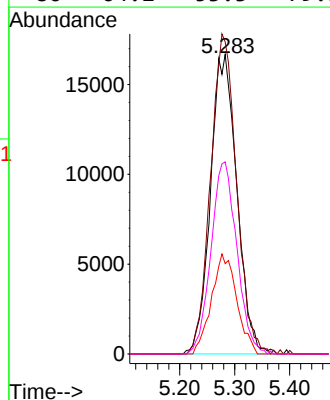
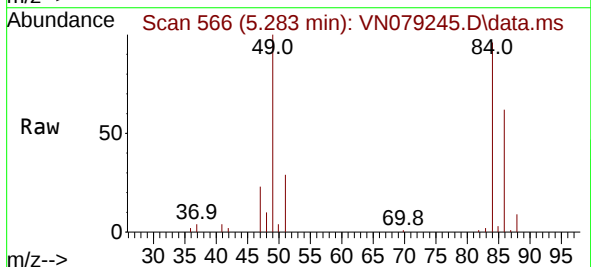
APPROVED

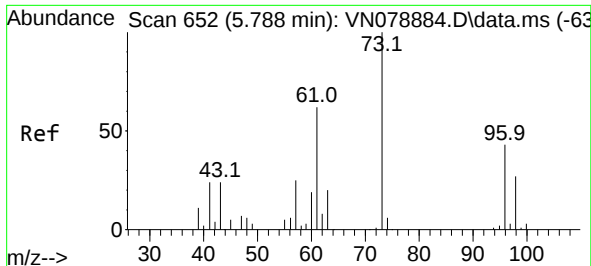
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#20
Methylene Chloride
Concen: 38.714 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

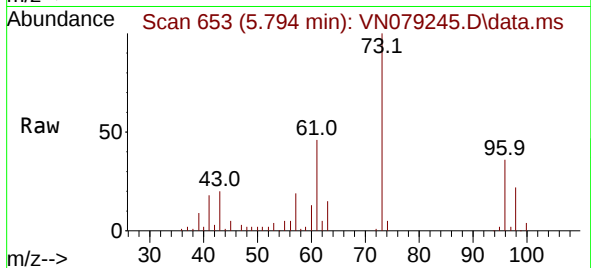
Tgt Ion: 84 Resp: 55651
Ion Ratio Lower Upper
84 100
49 104.3 79.7 119.5
51 30.2 25.2 37.8
86 64.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 41.740 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

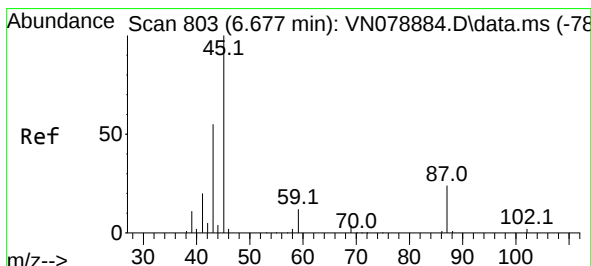
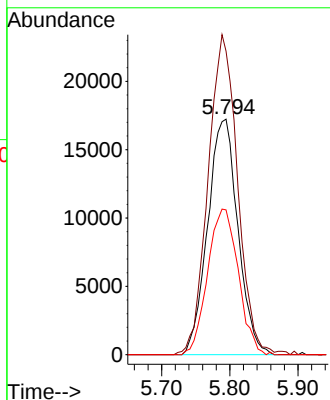
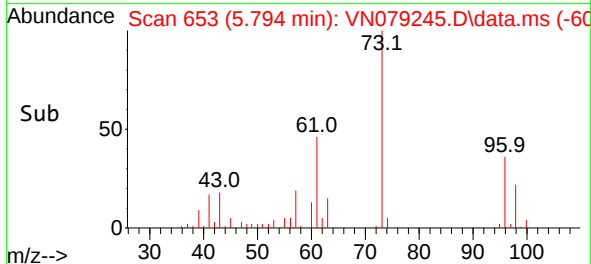
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



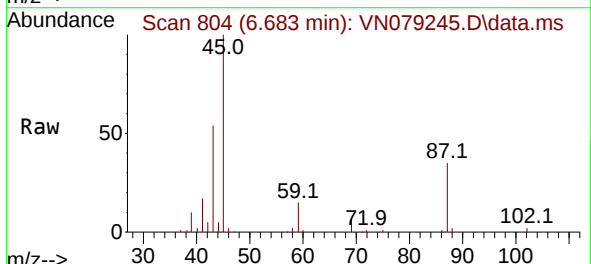
Tgt Ion: 96 Resp: 53209
Ion Ratio Lower Upper
96 100
61 128.0 90.1 135.1
98 61.5 46.4 69.6

Manual Integrations
APPROVED

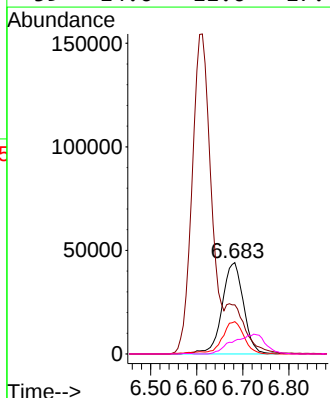
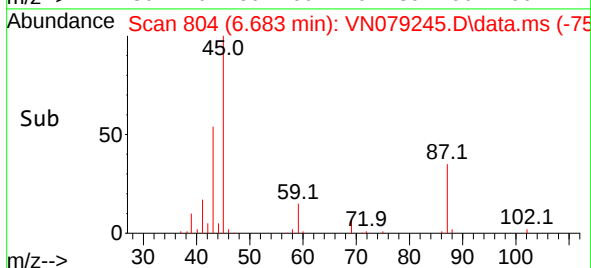
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

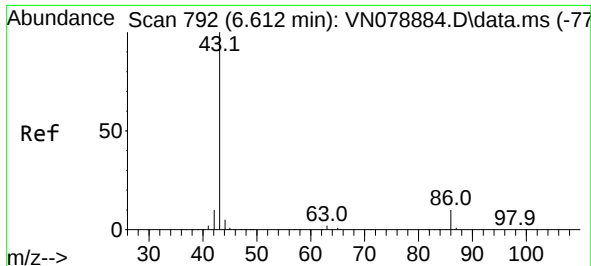


#22
Diisopropyl ether
Concen: 36.927 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12



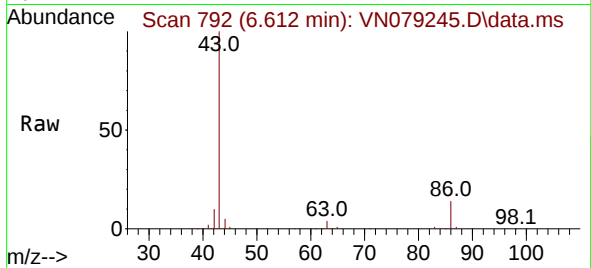
Tgt Ion: 45 Resp: 142030
Ion Ratio Lower Upper
45 100
43 52.3 45.5 68.3
87 35.4 31.8 47.8
59 14.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 187.816 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN079245.D
 Acq: 12 Sep 2023 19:12

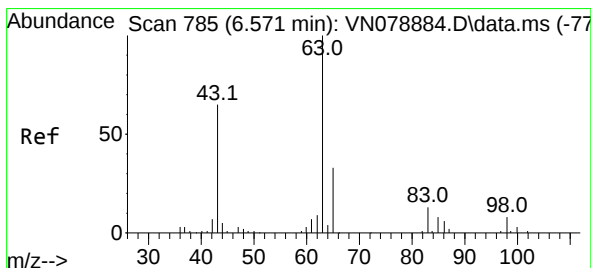
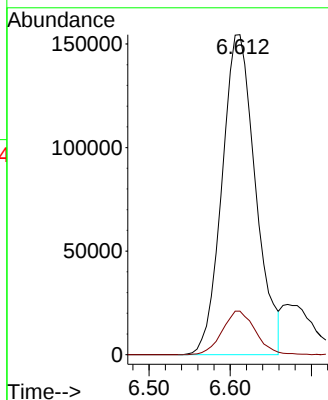
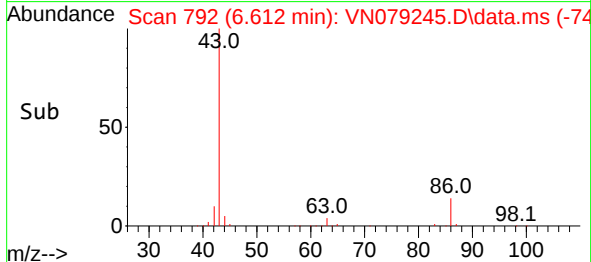
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



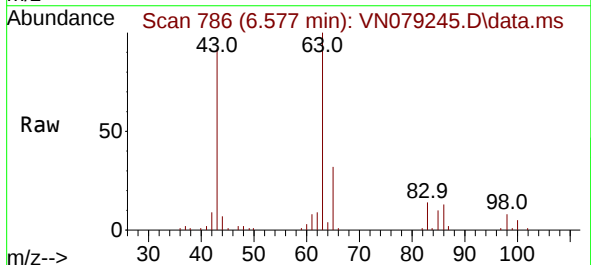
Tgt Ion: 43 Resp: 444328
 Ion Ratio Lower Upper
 43 100
 86 13.6 13.0 19.6

Manual Integrations
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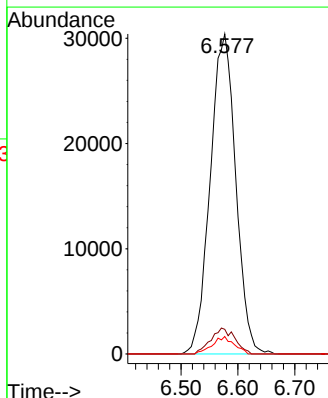
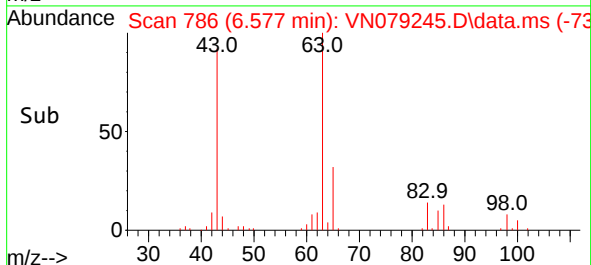
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023

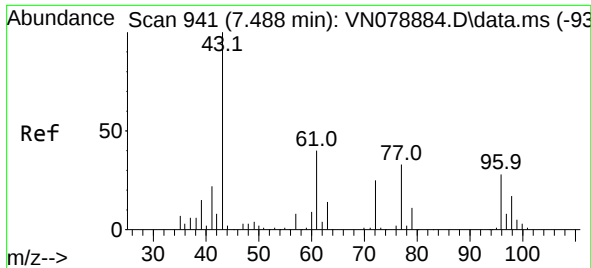


#24
 1,1-Dichloroethane
 Concen: 40.061 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079245.D
 Acq: 12 Sep 2023 19:12



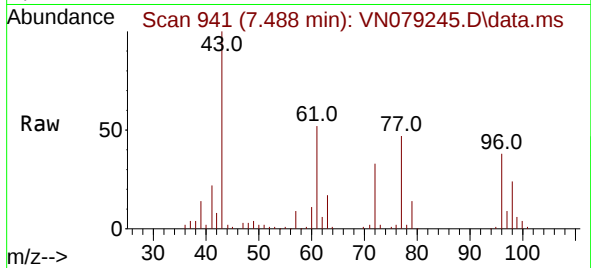
Tgt Ion: 63 Resp: 94986
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 5.4 2.5 7.4





#25
2-Butanone
Concen: 183.630 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

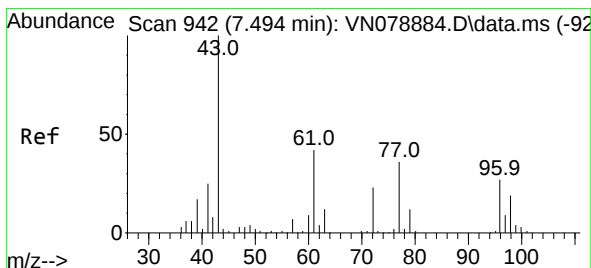
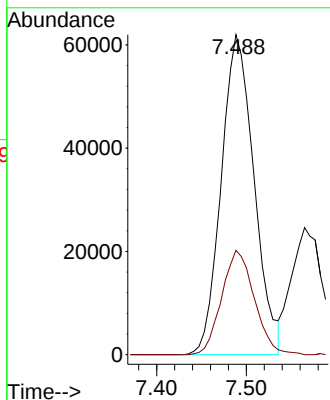
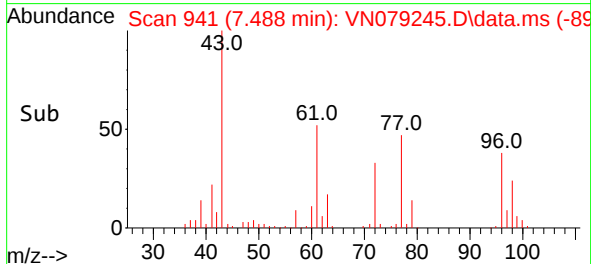
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



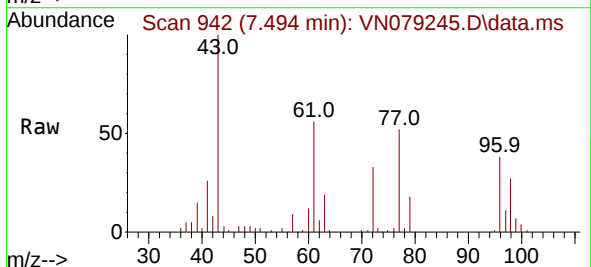
Tgt Ion: 43 Resp: 157382
Ion Ratio Lower Upper
43 100
72 32.6 30.2 45.2

Manual Integrations
APPROVED

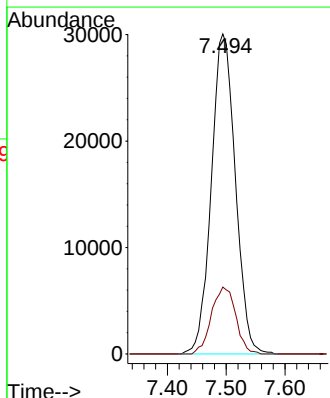
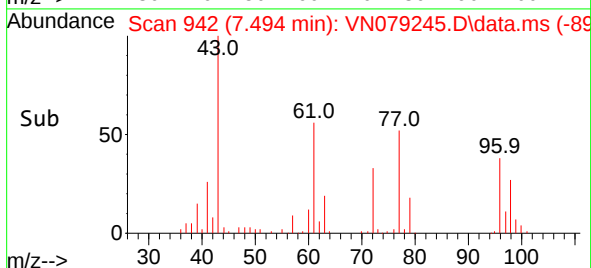
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

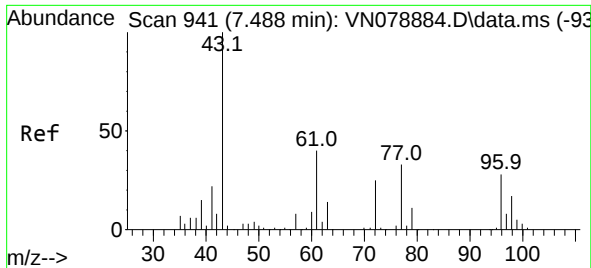


#26
2,2-Dichloropropane
Concen: 43.868 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12



Tgt Ion: 77 Resp: 85355
Ion Ratio Lower Upper
77 100
97 21.1 11.2 33.6





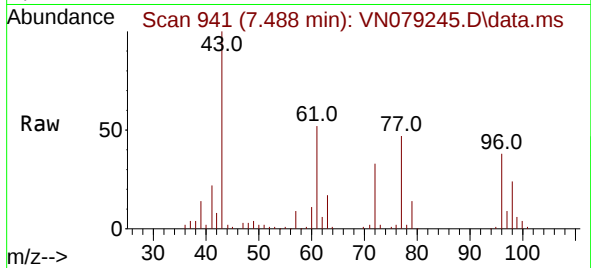
#27
 cis-1,2-Dichloroethene
 Concen: 42.549 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: VN079245.D
 Acq: 12 Sep 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



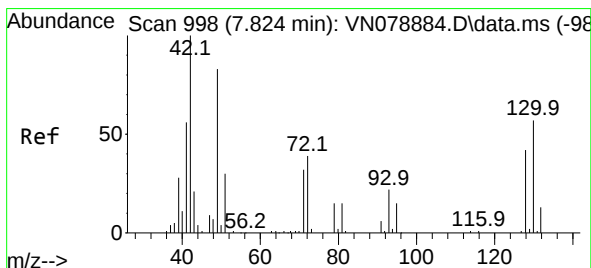
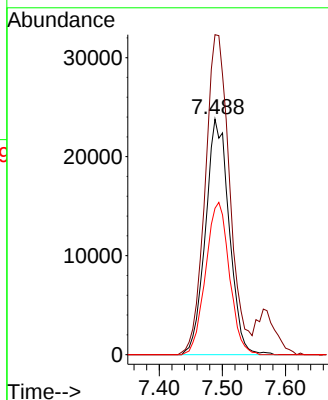
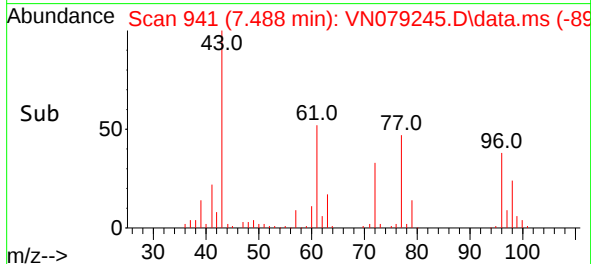
Tgt Ion: 96 Resp: 62020
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 255.2
 98 64.8 0.0 128.8

Manual Integrations

APPROVED

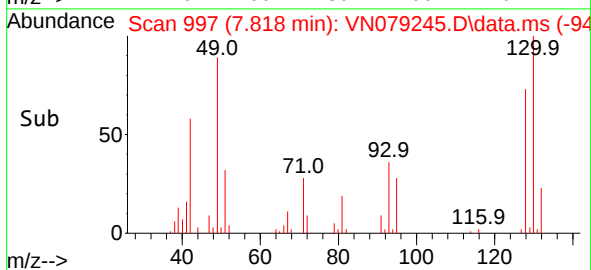
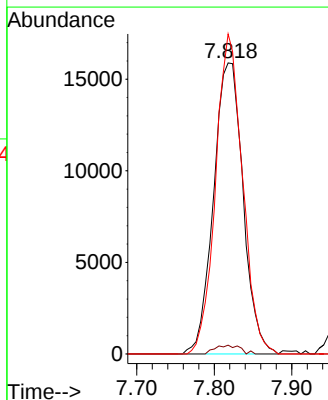
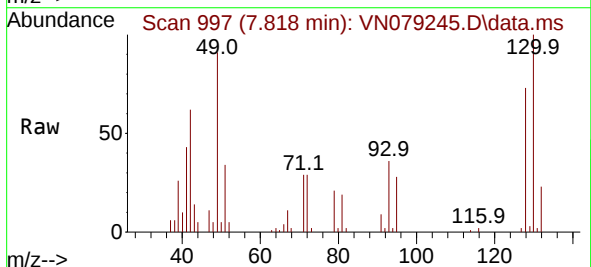
Reviewed By :John Carlone 09/13/2023

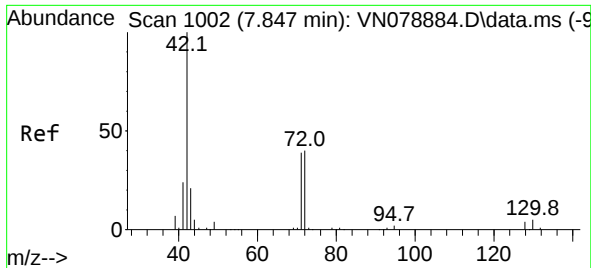
Supervised By :Mahesh Dadoda 09/13/2023



#28
 Bromochloromethane
 Concen: 39.339 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079245.D
 Acq: 12 Sep 2023 19:12

Tgt Ion: 49 Resp: 42173
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 100.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 188.198 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN079245.D

Acq: 12 Sep 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 102640

Ion Ratio Lower Upper

42 100

72 54.2 49.8 74.6

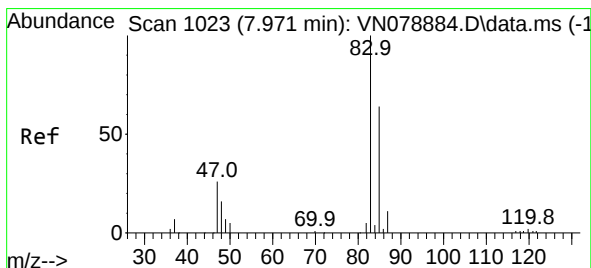
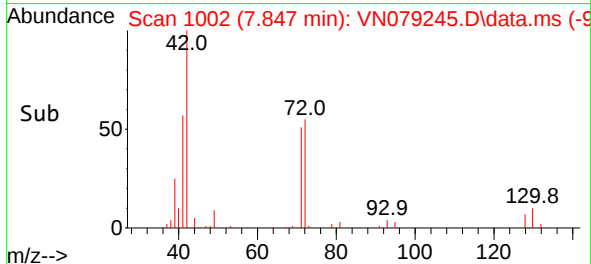
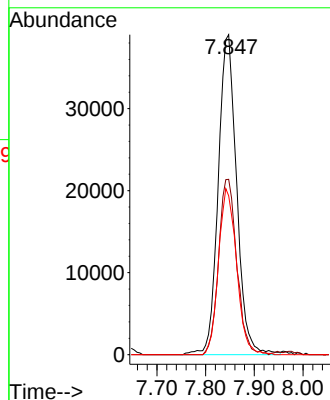
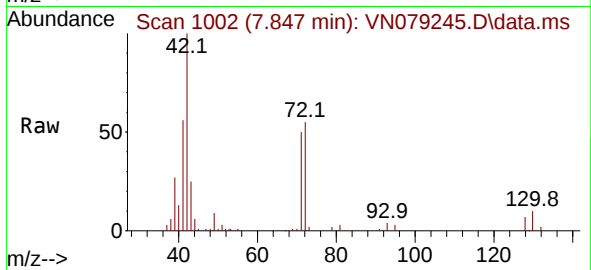
71 50.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#30

Chloroform

Concen: 44.364 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079245.D

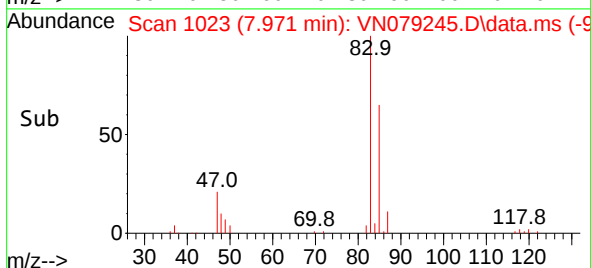
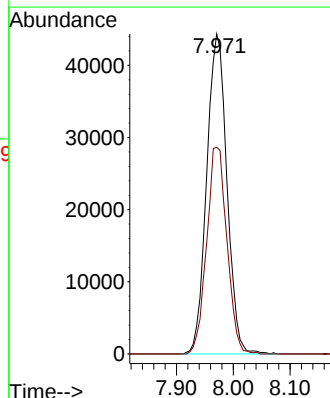
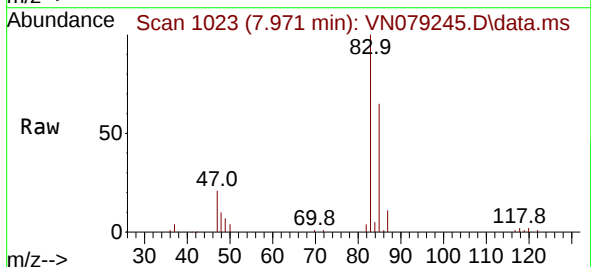
Acq: 12 Sep 2023 19:12

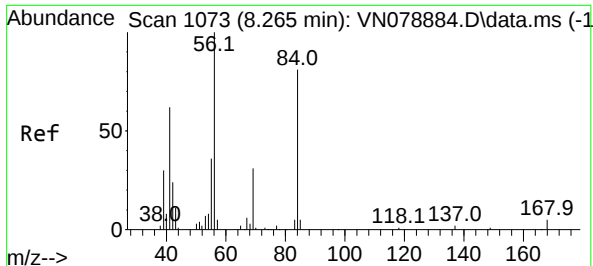
Tgt Ion: 83 Resp: 109520

Ion Ratio Lower Upper

83 100

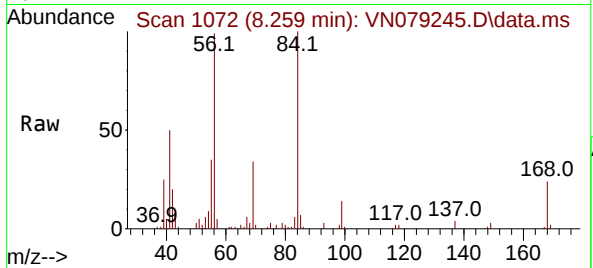
85 64.6 55.4 83.0





#31
Cyclohexane
Concen: 35.919 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

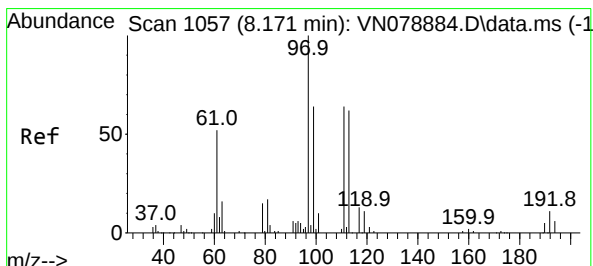
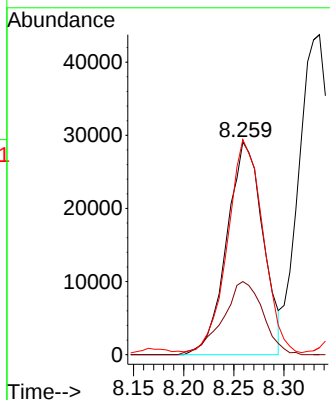
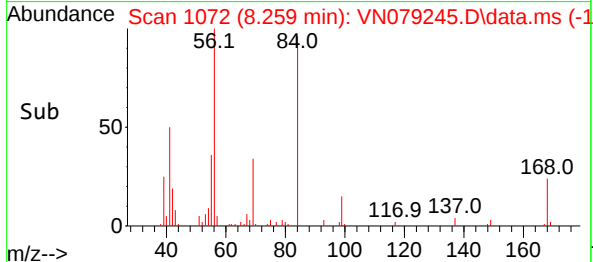
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



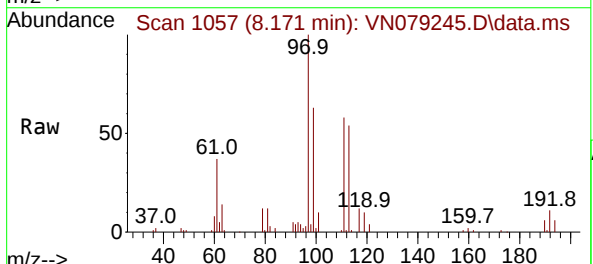
Tgt Ion: 56 Resp: 72940
Ion Ratio Lower Upper
56 100
69 33.9 26.8 40.2
84 99.6 81.8 122.6

Manual Integrations
APPROVED

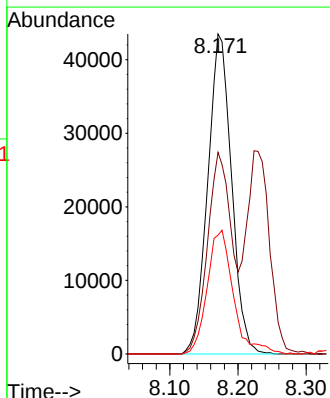
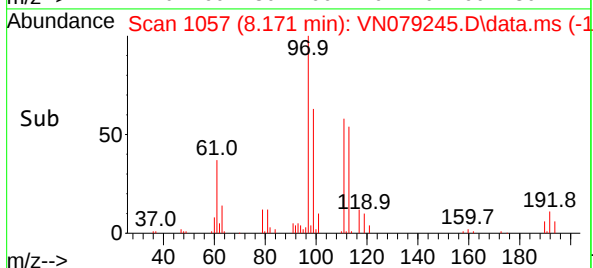
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

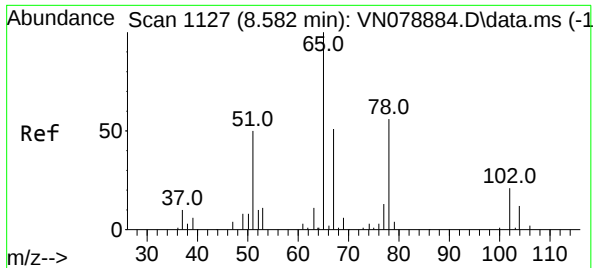


#32
1,1,1-Trichloroethane
Concen: 50.211 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12



Tgt Ion: 97 Resp: 105662
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 42.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.702 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079245.D

Acq: 12 Sep 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 73300

Ion Ratio Lower Upper

65 100

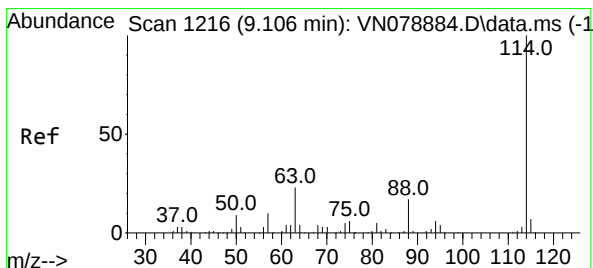
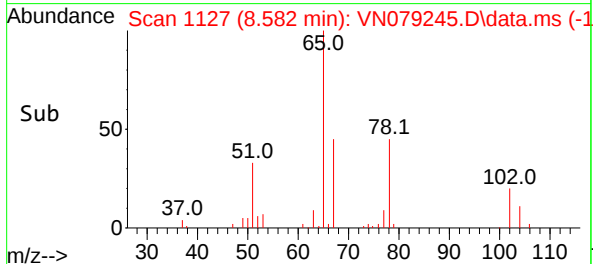
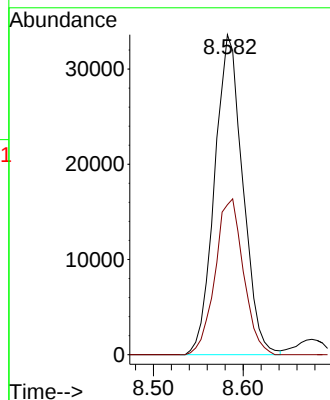
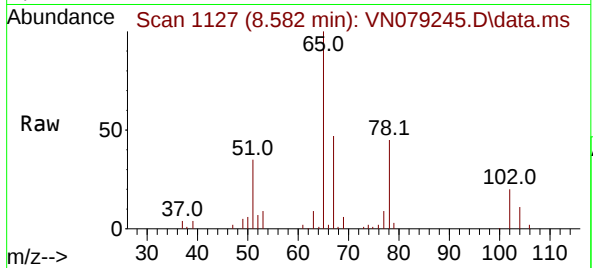
67 48.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079245.D

Acq: 12 Sep 2023 19:12

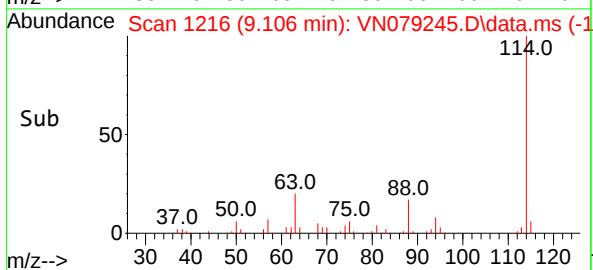
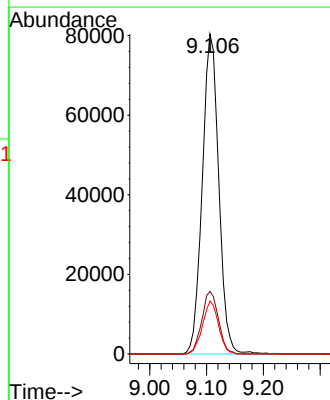
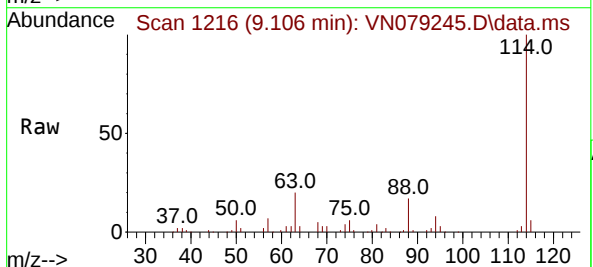
Tgt Ion:114 Resp: 161789

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.127 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079245.D

Acq: 12 Sep 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

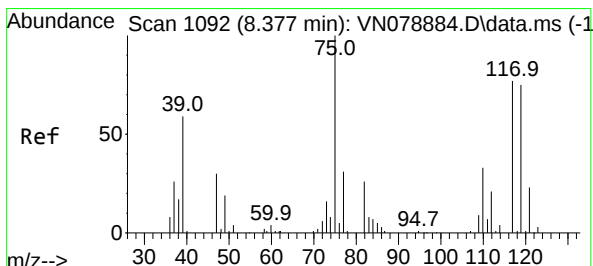
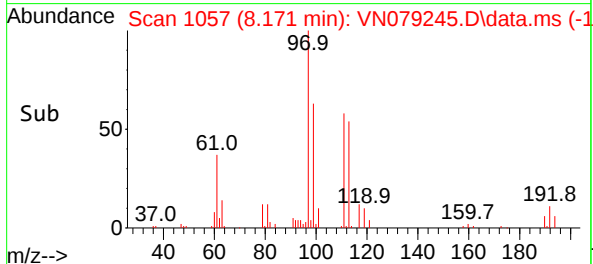
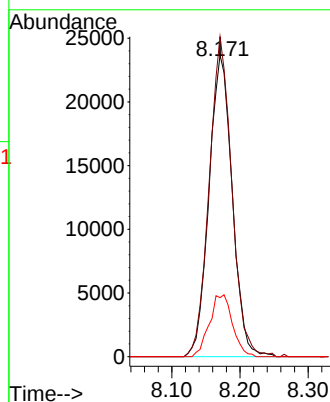
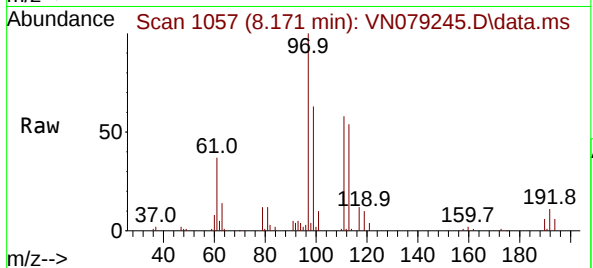
Tgt Ion:	113	Resp:	5609
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.6	123.8
192	20.4	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#36

1,1-Dichloropropene

Concen: 45.672 ug/l

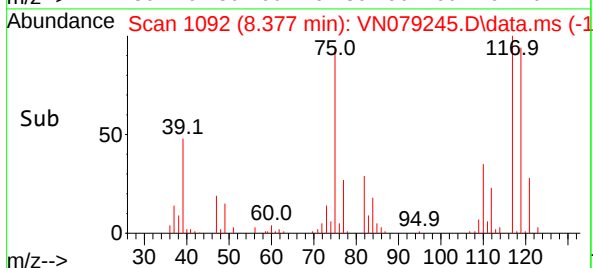
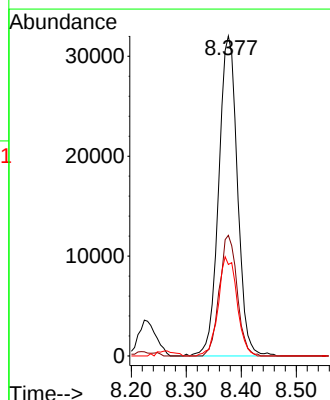
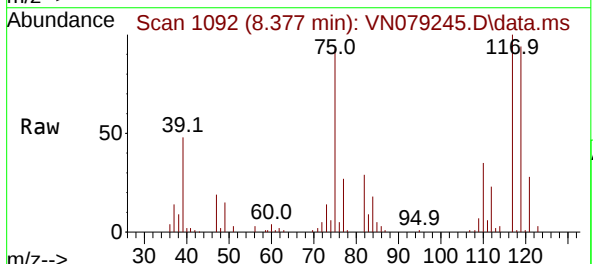
RT: 8.377 min Scan# 1092

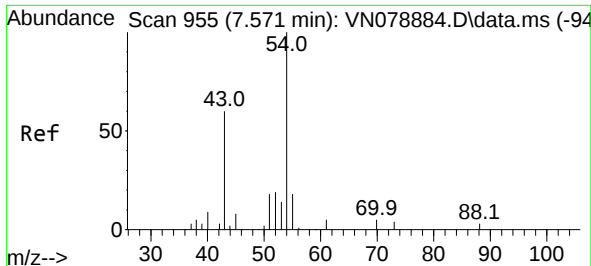
Delta R.T. -0.000 min

Lab File: VN079245.D

Acq: 12 Sep 2023 19:12

Tgt Ion:	75	Resp:	75762
Ion Ratio	Lower	Upper	
75	100		
110	35.8	19.1	57.3
77	31.0	25.0	37.4





#37

Ethyl Acetate

Concen: 38.687 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079245.D

Acq: 12 Sep 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

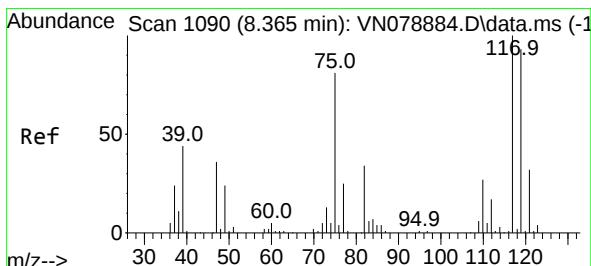
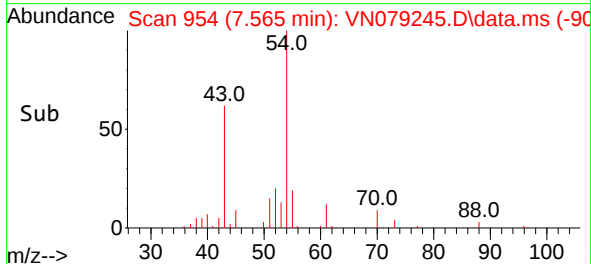
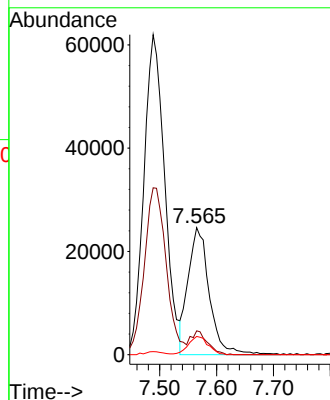
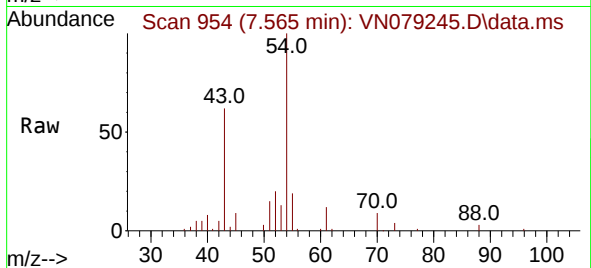
Tgt Ion: 43	Resp: 64009
Ion Ratio	Lower Upper
43 100	
61 14.6	13.2 19.8
70 13.4	11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#38

Carbon Tetrachloride

Concen: 58.043 ug/l

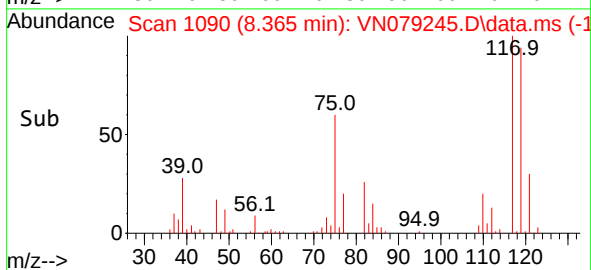
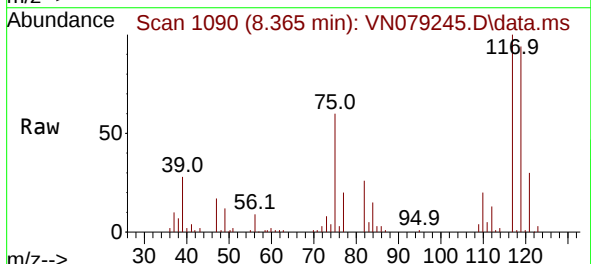
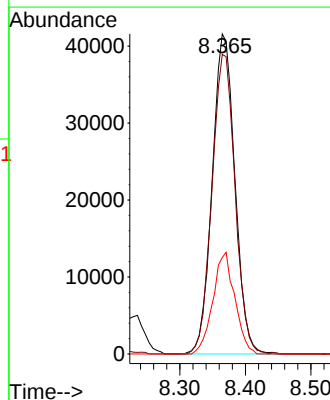
RT: 8.365 min Scan# 1090

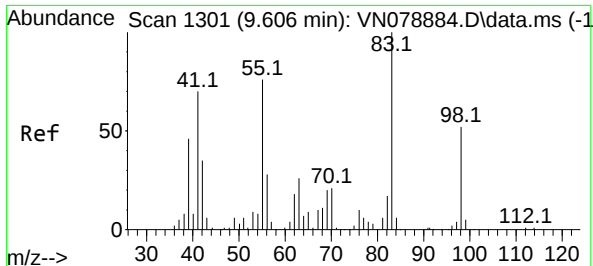
Delta R.T. -0.006 min

Lab File: VN079245.D

Acq: 12 Sep 2023 19:12

Tgt Ion: 117	Resp: 99637
Ion Ratio	Lower Upper
117 100	
119 93.6	77.3 115.9
121 30.1	23.3 34.9





#39

Methylcyclohexane

Concen: 47.807 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079245.D

Acq: 12 Sep 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

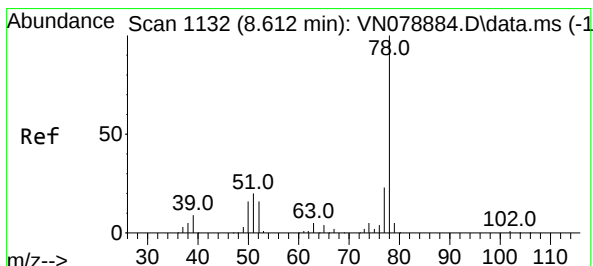
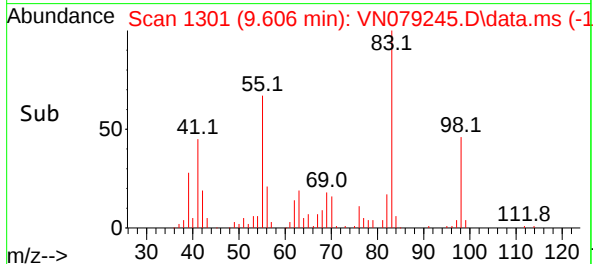
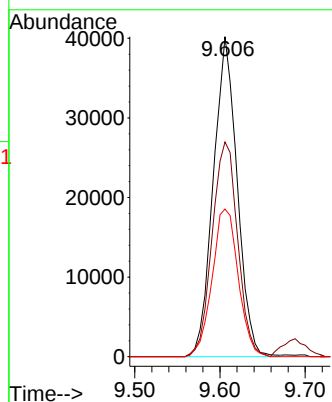
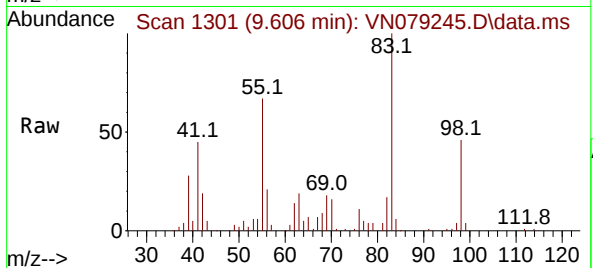
Tgt Ion: 83	Resp: 78225
Ion Ratio	Lower Upper
83	100
55	67.1 49.1 73.7
98	46.2 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#40

Benzene

Concen: 43.897 ug/l

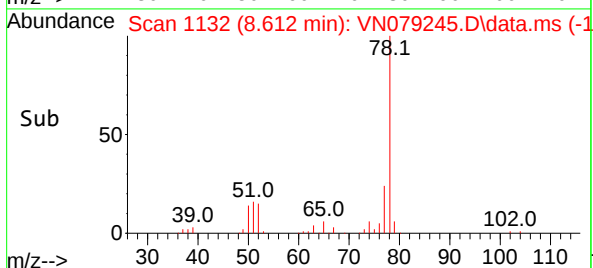
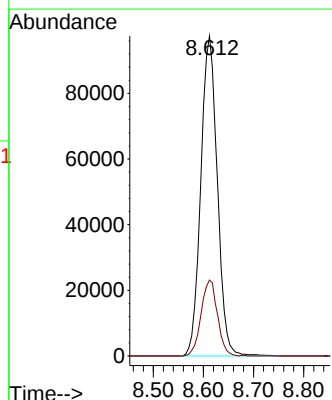
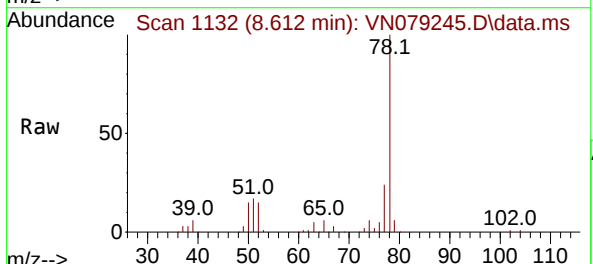
RT: 8.612 min Scan# 1132

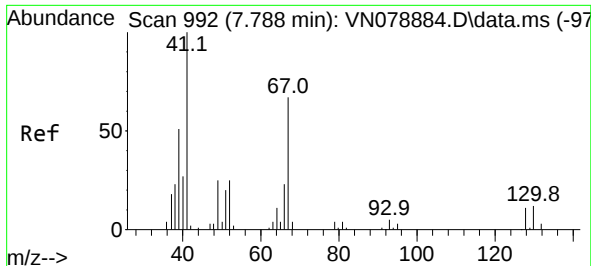
Delta R.T. -0.000 min

Lab File: VN079245.D

Acq: 12 Sep 2023 19:12

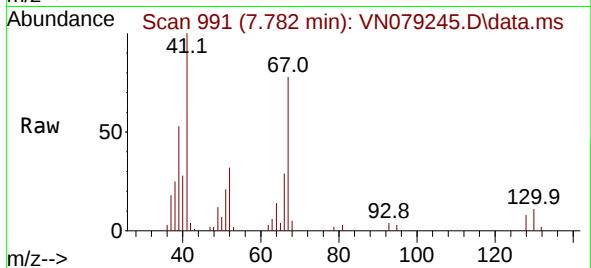
Tgt Ion: 78	Resp: 222910
Ion Ratio	Lower Upper
78	100
77	23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 41.464 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.012 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

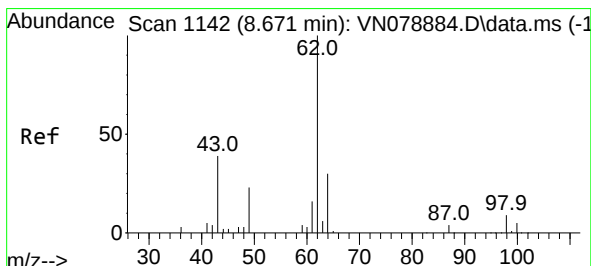
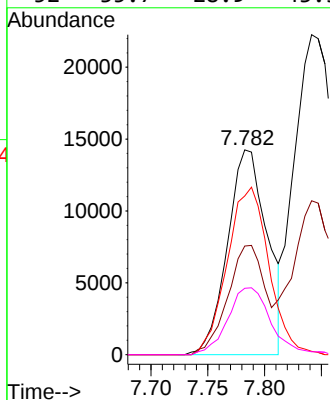
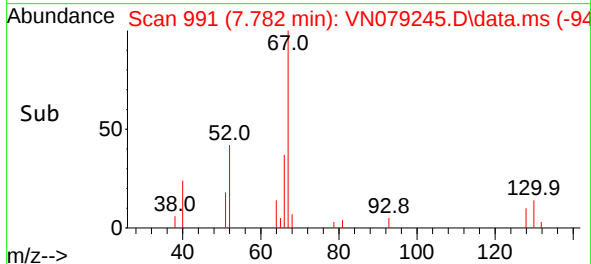
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	34590
Ion Ratio	100	Lower	Upper
39	49.6	42.6	64.0
67	86.1	77.5	116.3
52	35.7	28.9	43.3

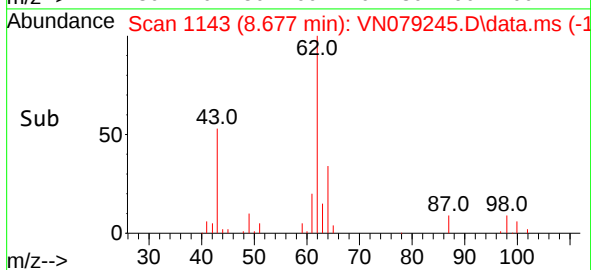
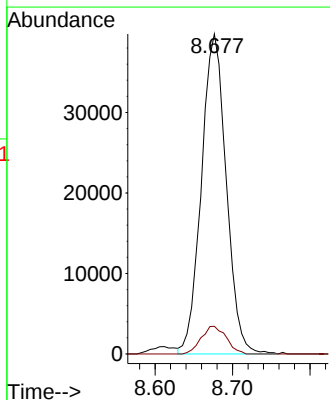
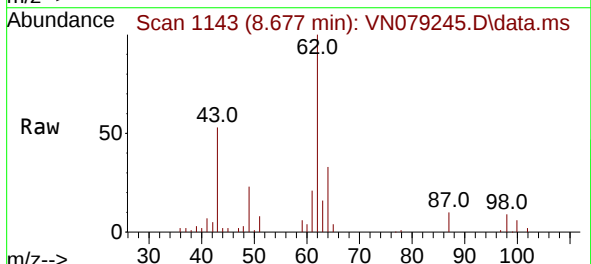
Manual Integrations
APPROVED

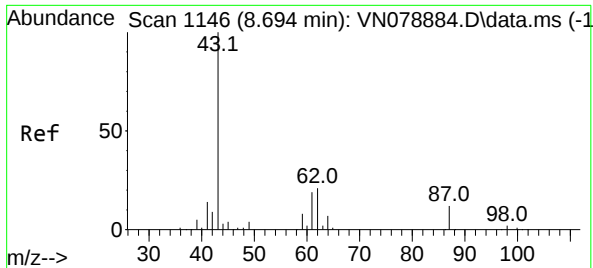
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#42
1,2-Dichloroethane
Concen: 50.658 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

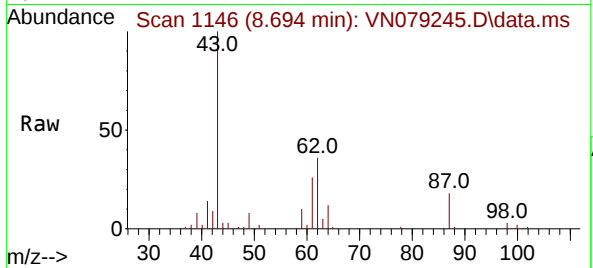
Tgt Ion:	62	Resp:	88559
Ion Ratio	100	Lower	Upper
98	8.7	0.0	19.8





#43
Isopropyl Acetate
Concen: 38.901 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

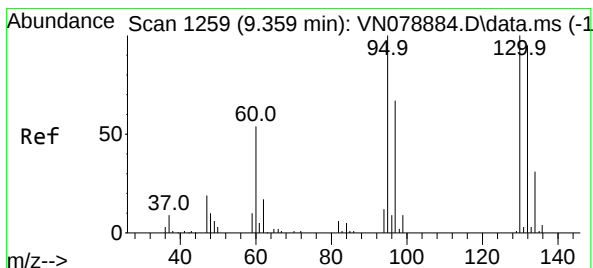
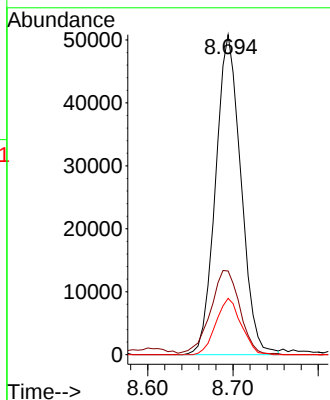
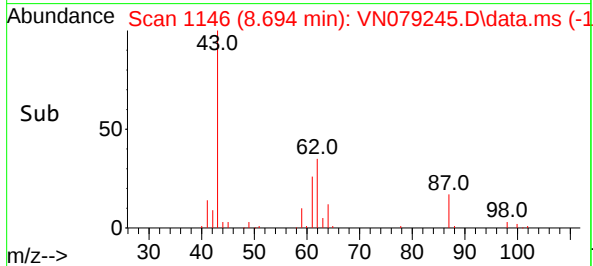
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 10502
Ion Ratio Lower Upper
43 100
61 30.7 24.7 37.1
87 17.5 14.6 21.8

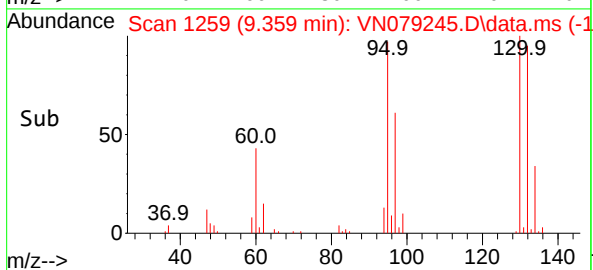
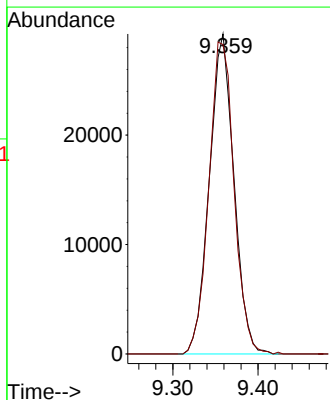
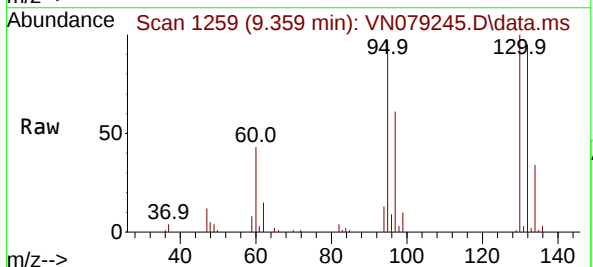
Manual Integrations
APPROVED

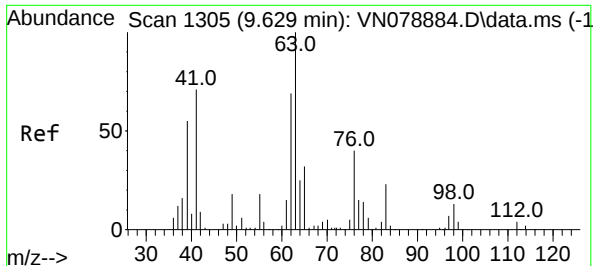
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#44
Trichloroethene
Concen: 46.811 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

Tgt Ion:130 Resp: 58558
Ion Ratio Lower Upper
130 100
95 96.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 42.827 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079245.D

Acq: 12 Sep 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 5397

Ion Ratio Lower Upper

63 100

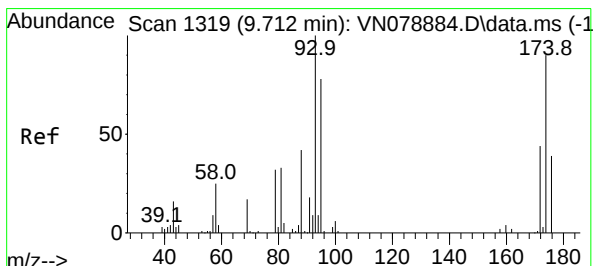
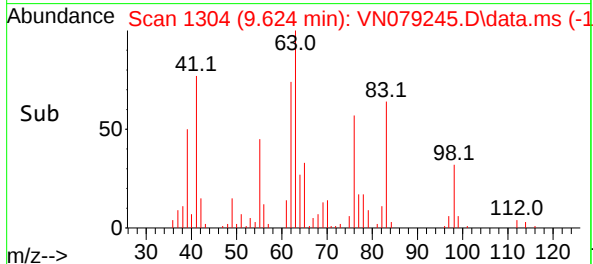
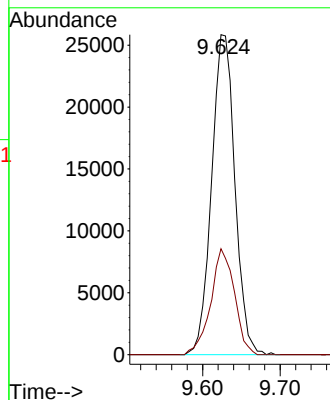
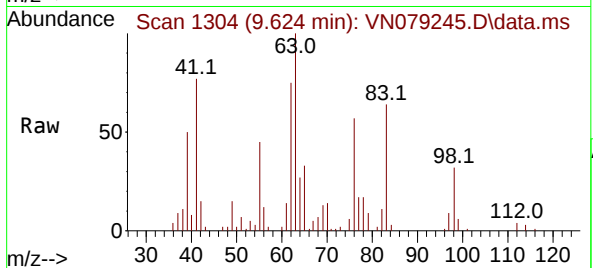
65 33.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#46

Dibromomethane

Concen: 47.772 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079245.D

Acq: 12 Sep 2023 19:12

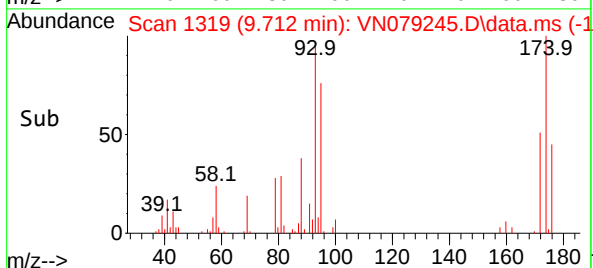
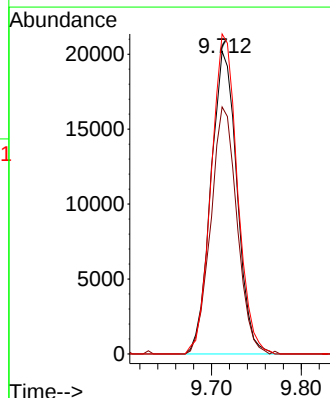
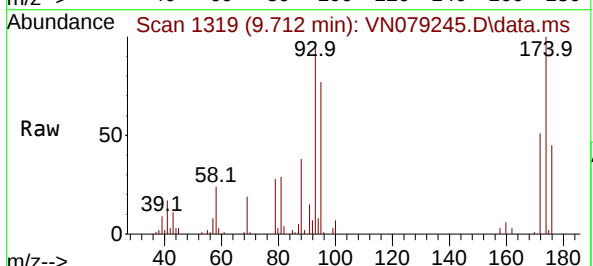
Tgt Ion: 93 Resp: 40870

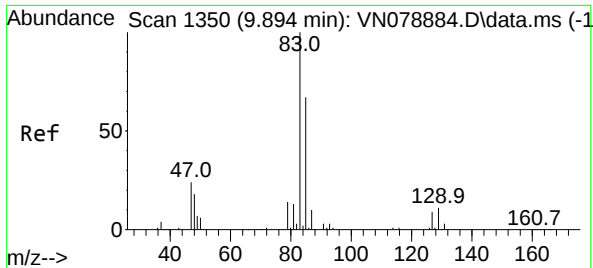
Ion Ratio Lower Upper

93 100

95 82.0 63.8 95.8

174 105.6 65.6 98.4#





#47
Bromodichloromethane
Concen: 49.991 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

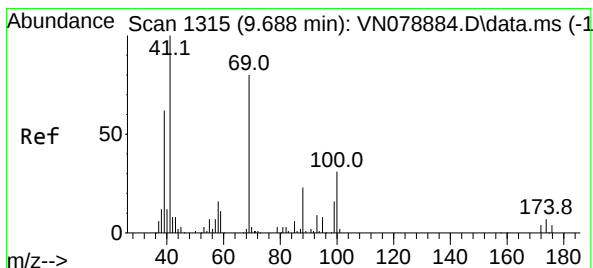
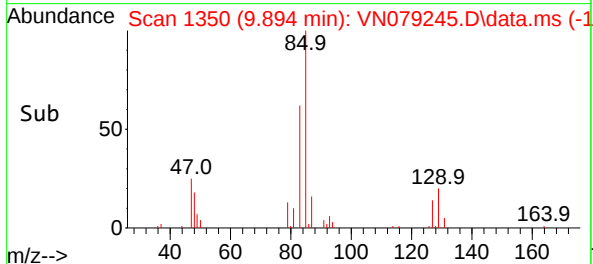
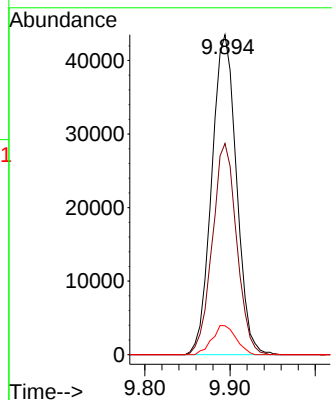
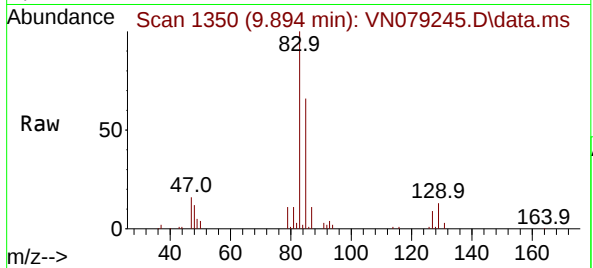
VSTDCCC050EC

Tgt Ion: 83 Resp: 87600
Ion Ratio Lower Upper
83 100
85 66.0 49.6 74.4
127 9.1 7.0 10.6

Manual Integrations

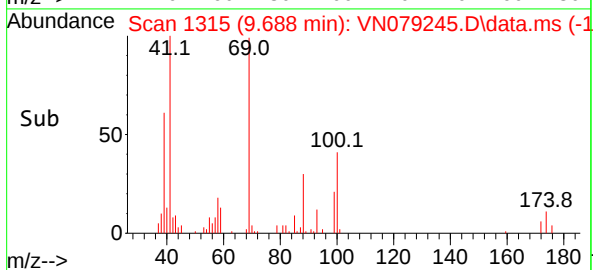
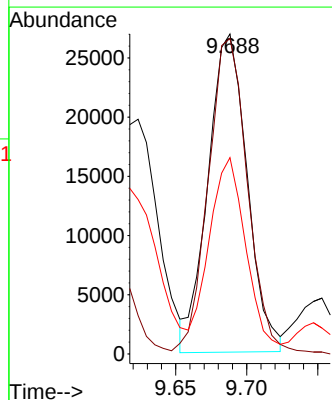
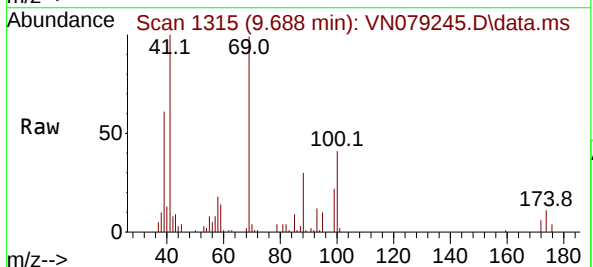
APPROVED

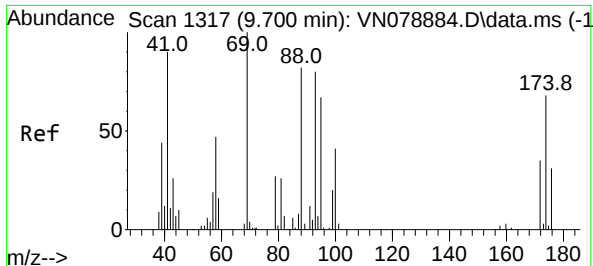
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#48
Methyl methacrylate
Concen: 42.627 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

Tgt Ion: 41 Resp: 51547
Ion Ratio Lower Upper
41 100
69 99.8 90.4 135.6
39 57.9 54.6 81.8





#49

1,4-Dioxane

Concen: 975.756 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079245.D

Acq: 12 Sep 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 24269

Ion Ratio Lower Upper

88 100

43 25.9 17.0 25.6

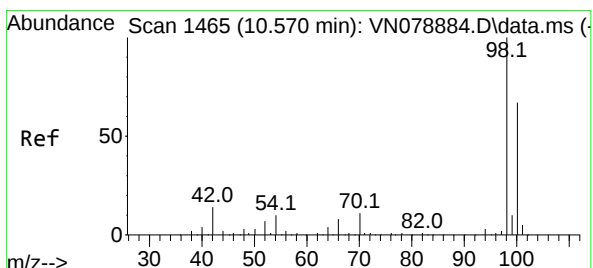
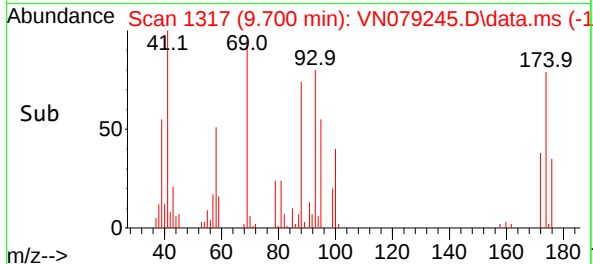
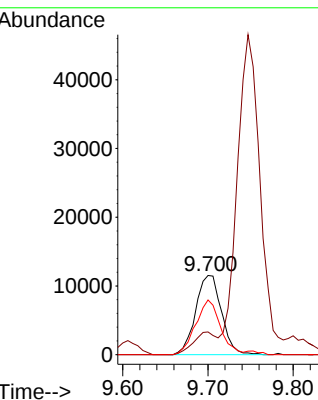
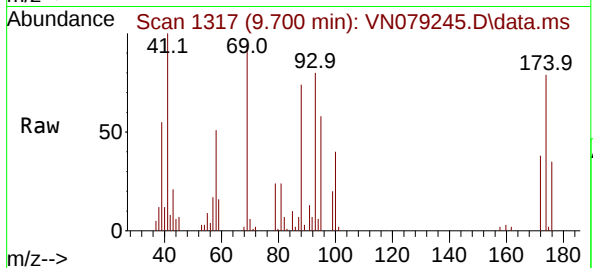
58 66.0 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#50

Toluene-d8

Concen: 51.158 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079245.D

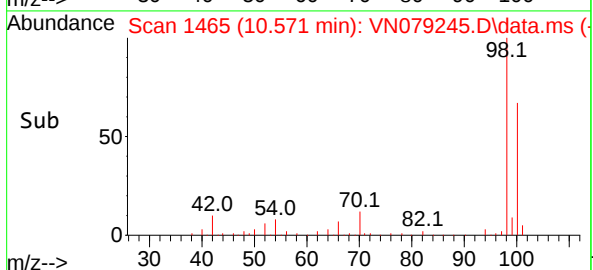
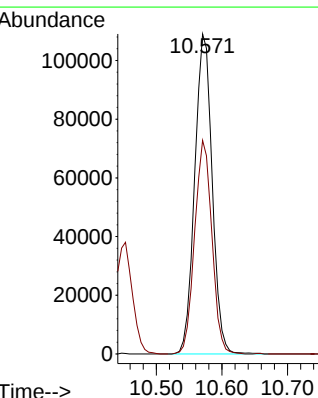
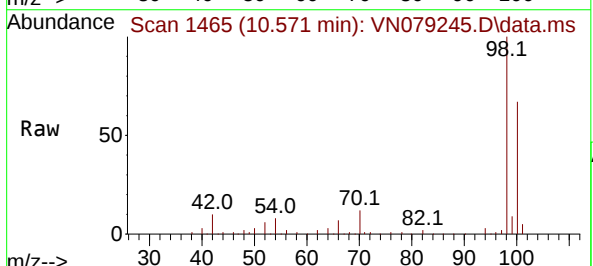
Acq: 12 Sep 2023 19:12

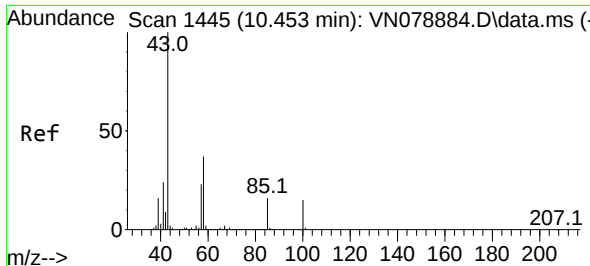
Tgt Ion: 98 Resp: 202158

Ion Ratio Lower Upper

98 100

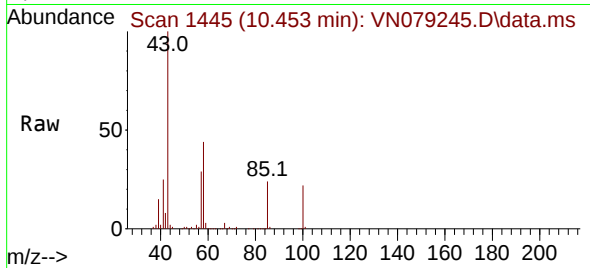
100 66.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 202.263 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

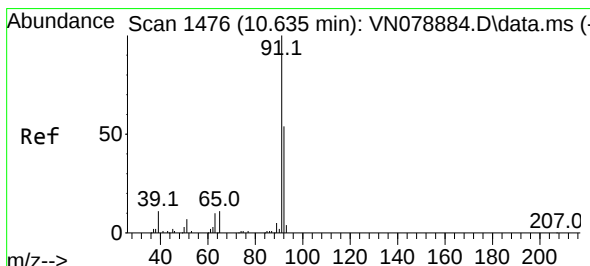
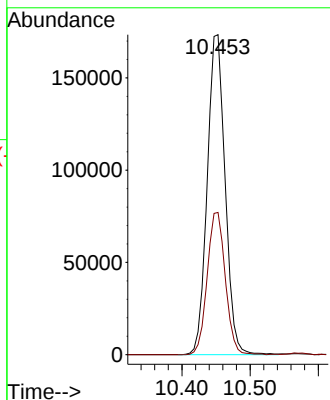
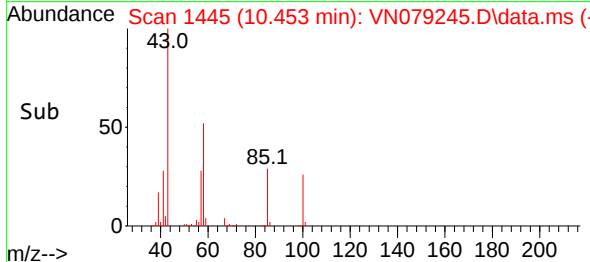
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



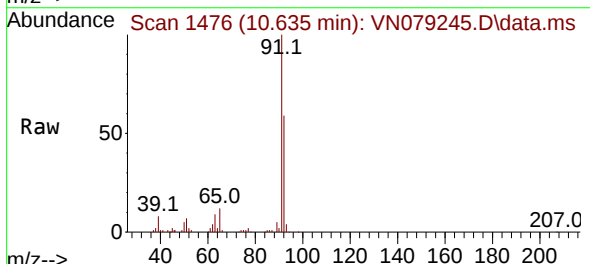
Tgt Ion: 43 Resp: 316977
Ion Ratio Lower Upper
43 100
58 45.0 36.6 54.8

Manual Integrations
APPROVED

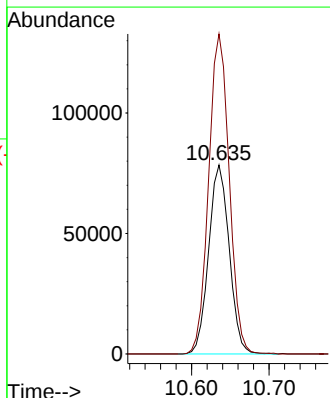
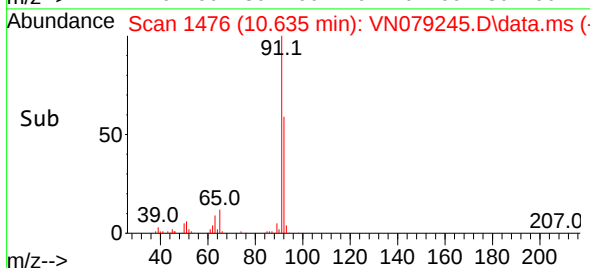
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

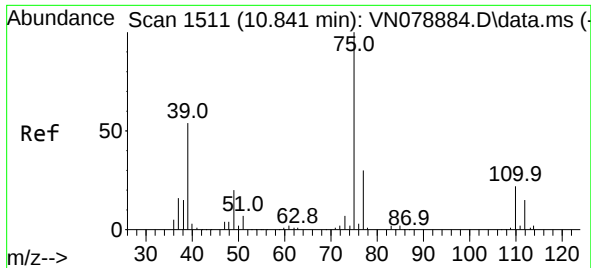


#52
Toluene
Concen: 46.360 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12



Tgt Ion: 92 Resp: 144677
Ion Ratio Lower Upper
92 100
91 169.1 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 49.591 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

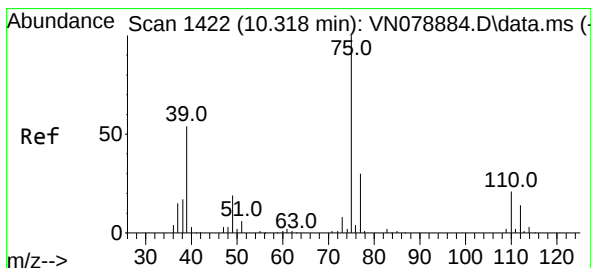
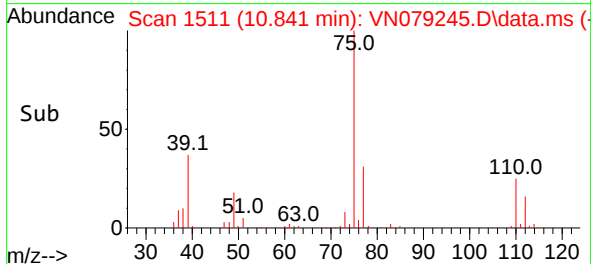
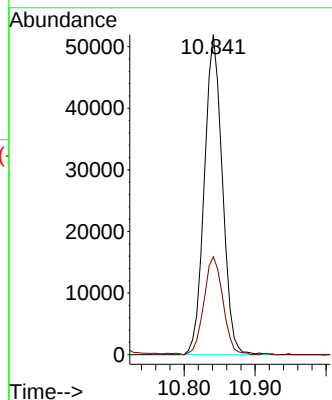
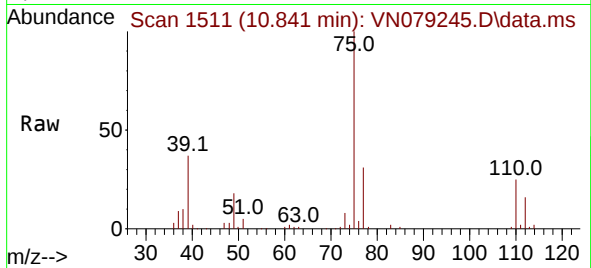
VSTDCCC050EC

Tgt Ion: 75 Resp: 91628
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0

Manual Integrations

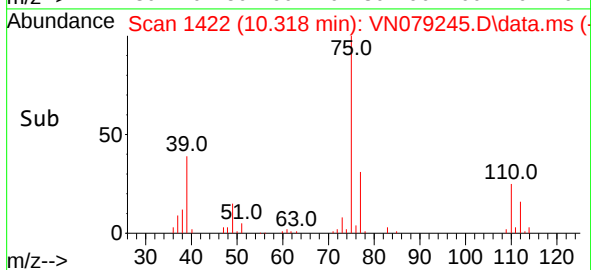
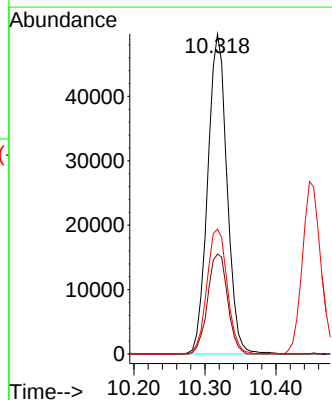
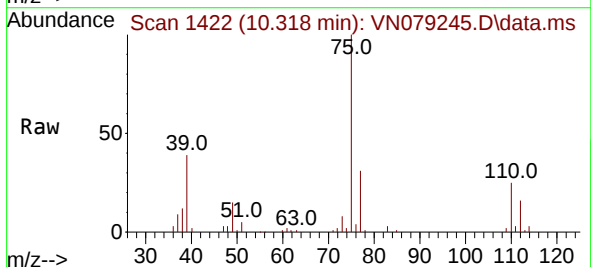
APPROVED

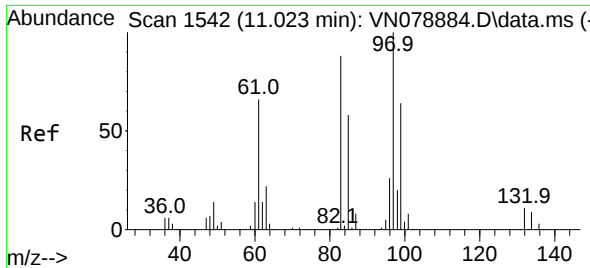
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#54
cis-1,3-Dichloropropene
Concen: 47.482 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

Tgt Ion: 75 Resp: 93835
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 39.0 31.6 47.4





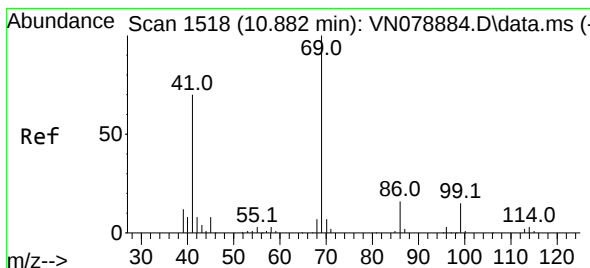
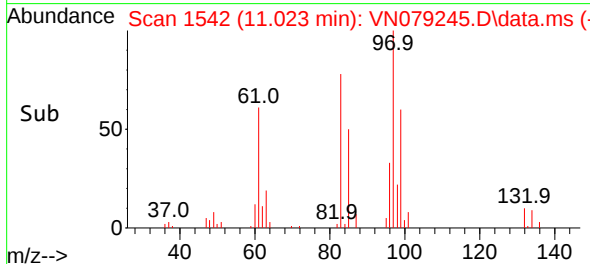
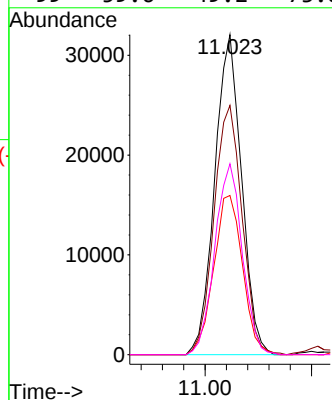
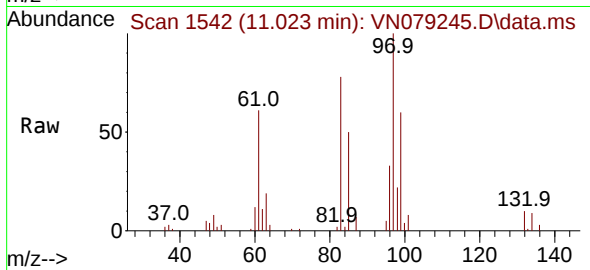
#55
1,1,2-Trichloroethane
Concen: 45.773 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.001 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.9	65.1	97.7
85	49.8	43.4	65.2
99	59.6	49.2	73.8

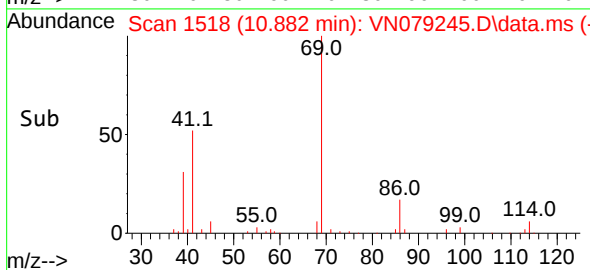
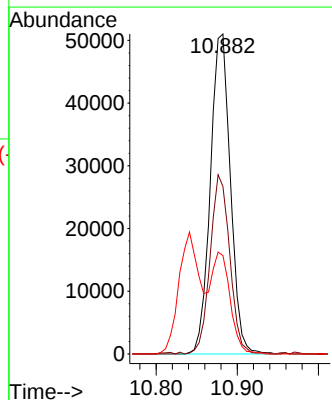
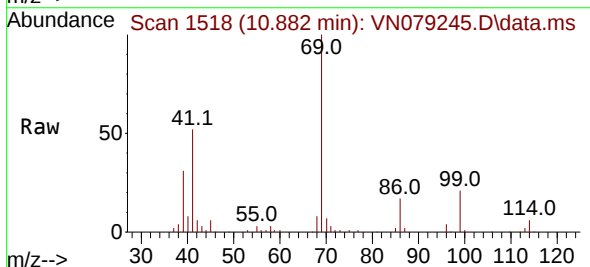
Manual Integrations
APPROVED

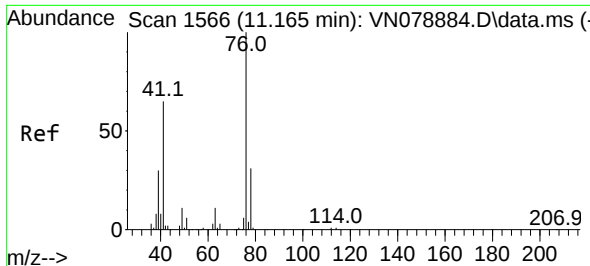
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#56
Ethyl methacrylate
Concen: 50.634 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.9	39.6	59.4
39	31.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 45.607 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. 0.005 min

Lab File: VN079245.D

Acq: 12 Sep 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 9654

Ion Ratio Lower Upper

76 100

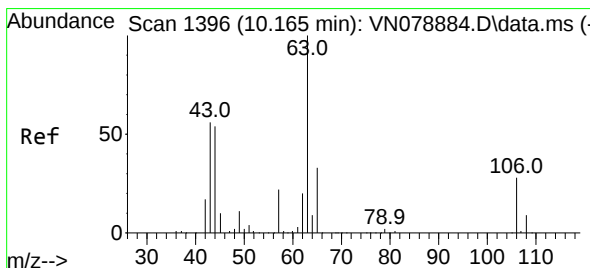
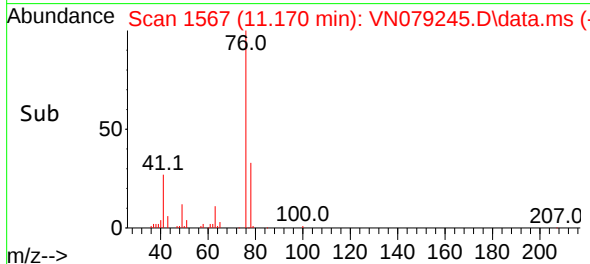
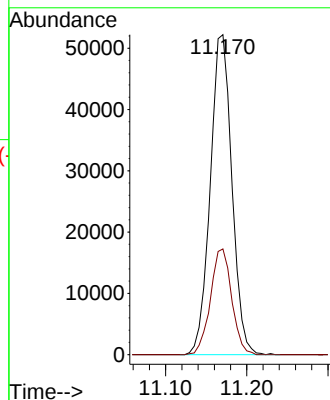
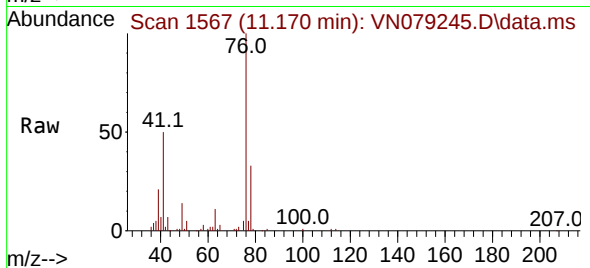
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 213.536 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079245.D

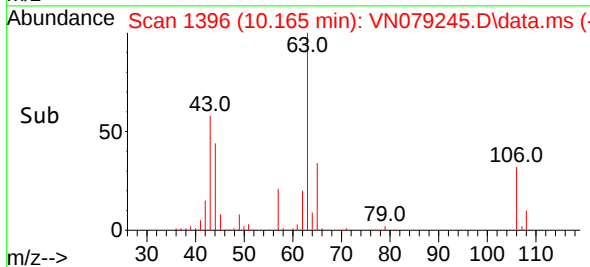
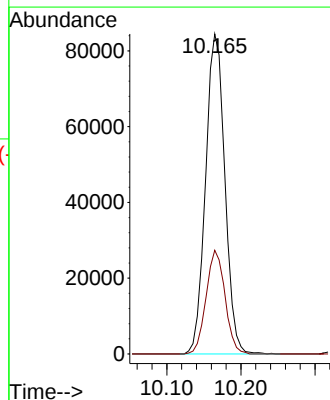
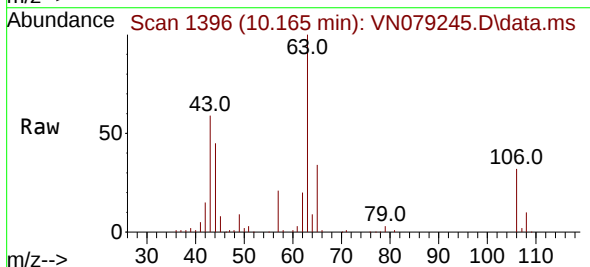
Acq: 12 Sep 2023 19:12

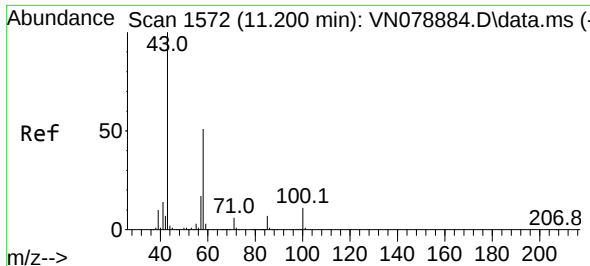
Tgt Ion: 63 Resp: 152619

Ion Ratio Lower Upper

63 100

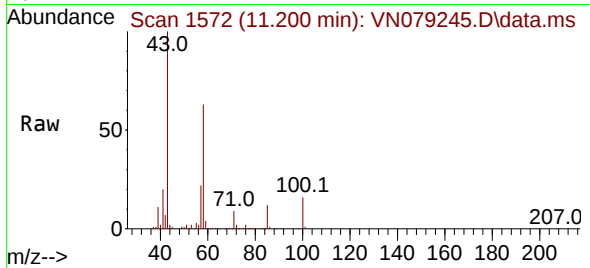
106 31.8 26.2 39.4





#59
2-Hexanone
Concen: 208.386 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

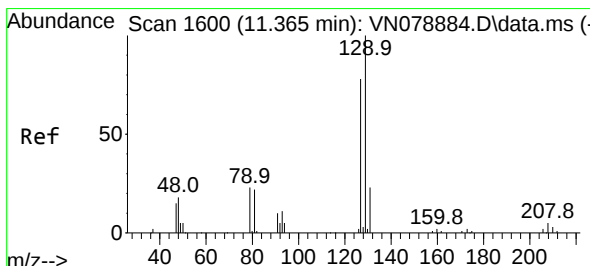
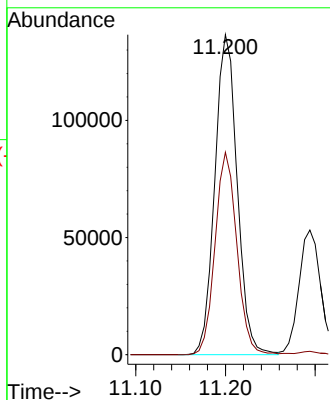
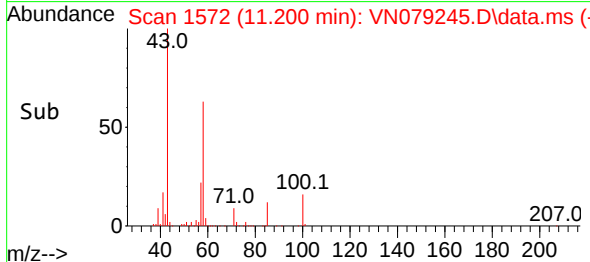
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 23653
Ion Ratio Lower Upper
43 100
58 61.7 31.7 95.1

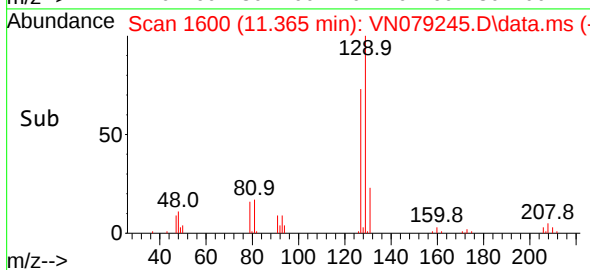
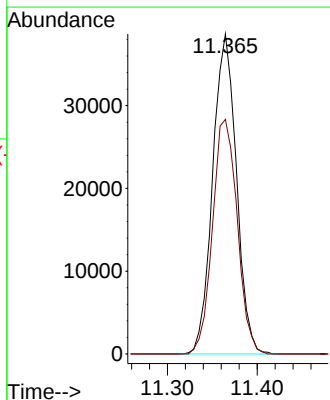
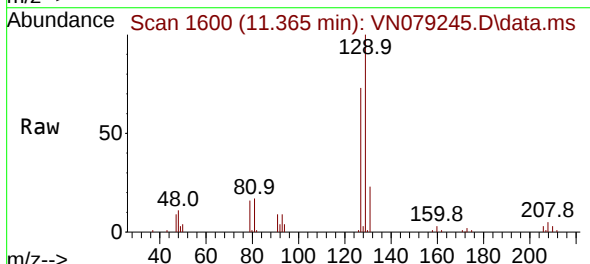
Manual Integrations
APPROVED

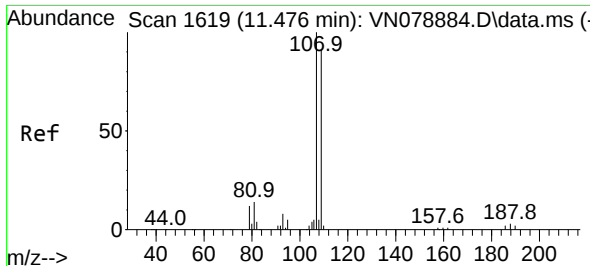
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#60
Dibromochloromethane
Concen: 54.407 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

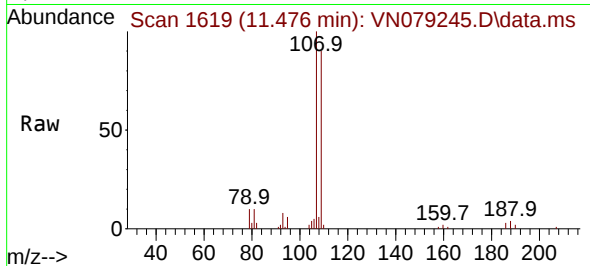
Tgt Ion:129 Resp: 70905
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 47.517 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

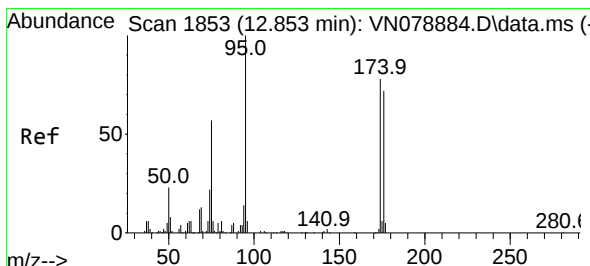
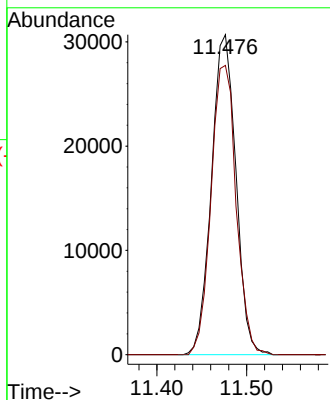
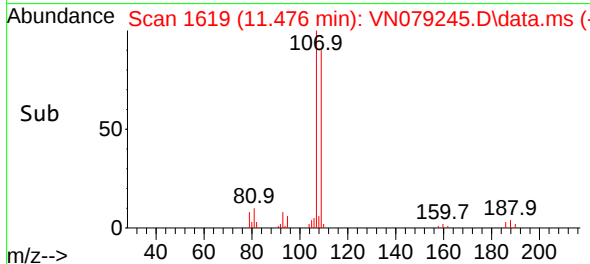
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 5806
Ion Ratio Lower Upper
107 100
109 92.8 76.6 114.8

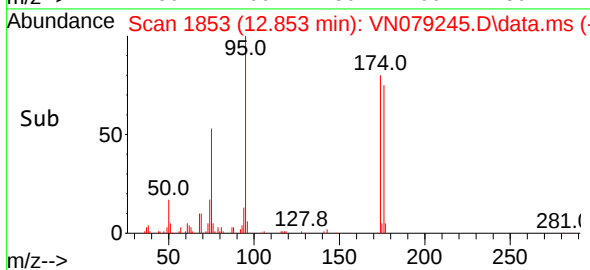
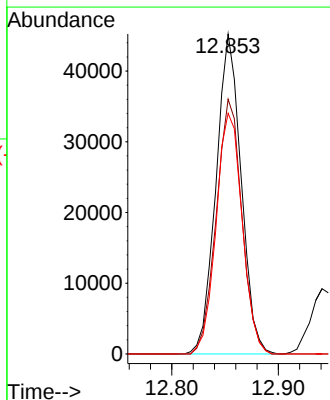
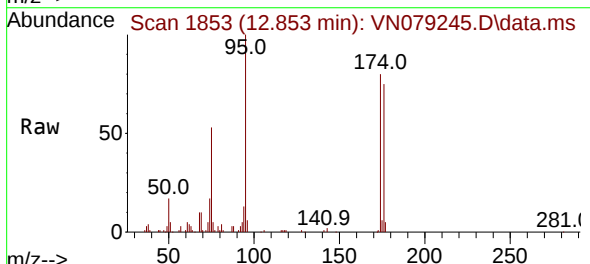
Manual Integrations
APPROVED

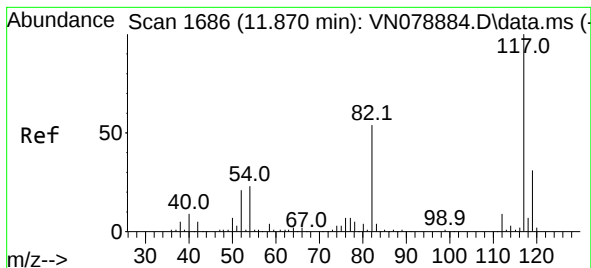
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#62
4-Bromofluorobenzene
Concen: 58.631 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

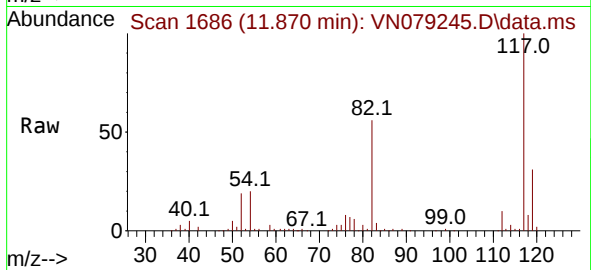
Tgt Ion: 95 Resp: 73903
Ion Ratio Lower Upper
95 100
174 81.2 0.0 143.8
176 78.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

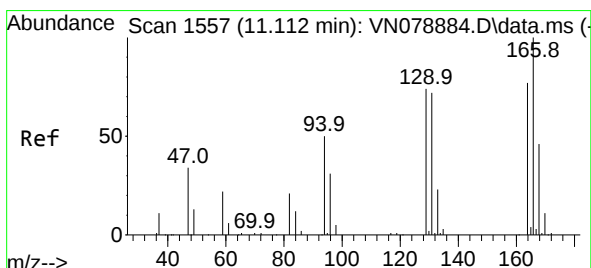
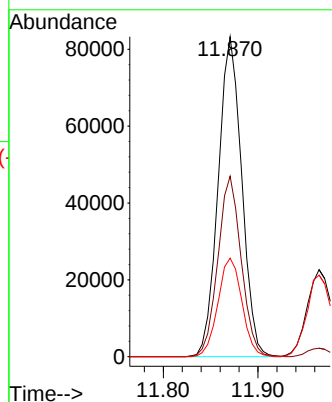
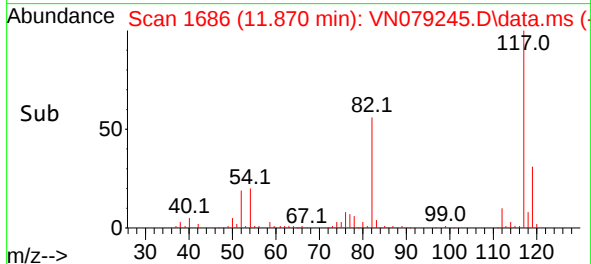
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 143890
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 30.8 25.6 38.4

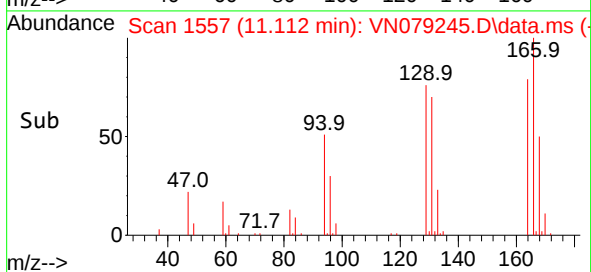
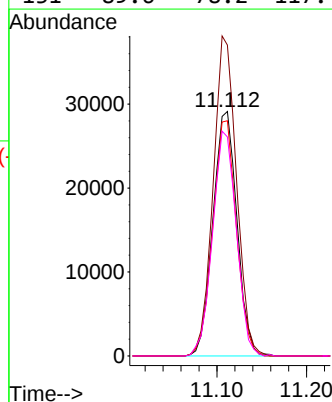
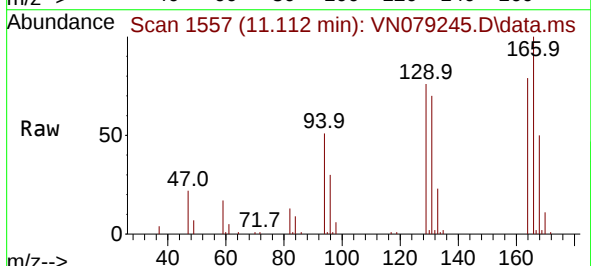
Manual Integrations
APPROVED

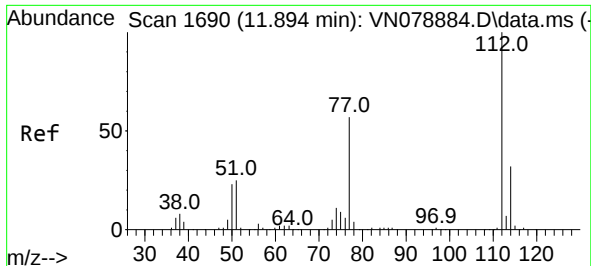
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#64
Tetrachloroethene
Concen: 51.692 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

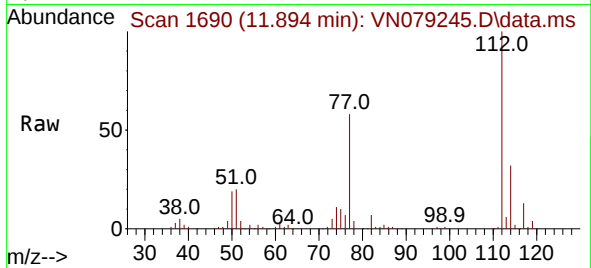
Tgt Ion:164 Resp: 54238
Ion Ratio Lower Upper
164 100
166 127.2 101.4 152.0
129 96.2 82.4 123.6
131 89.6 78.2 117.4





#65
Chlorobenzene
Concen: 47.605 ug/l
RT: 11.894 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

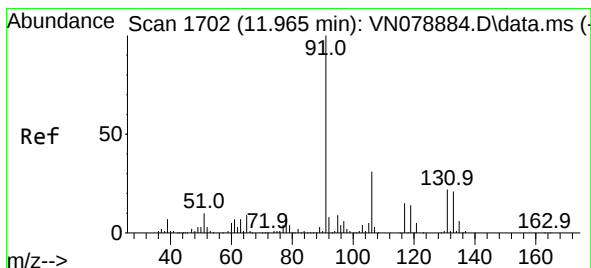
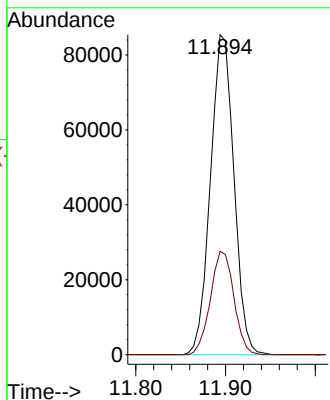
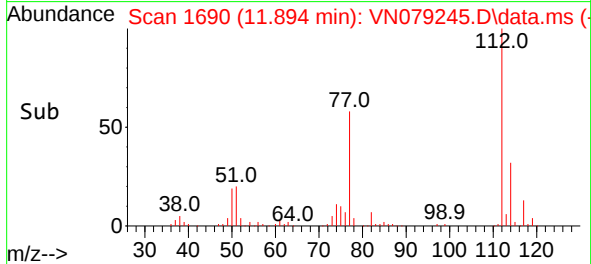
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 155184
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4

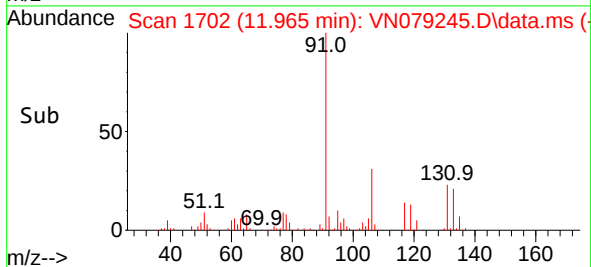
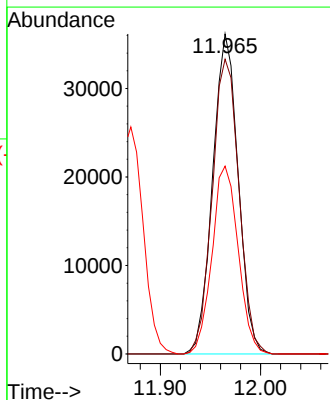
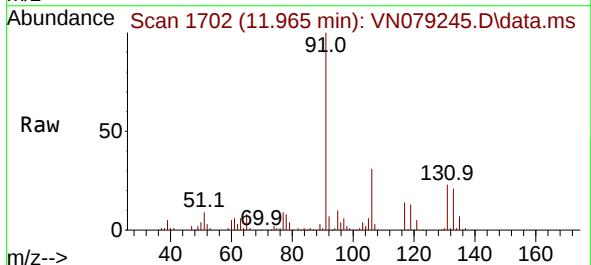
Manual Integrations
APPROVED

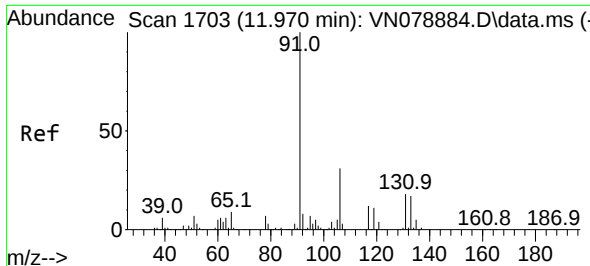
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.190 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

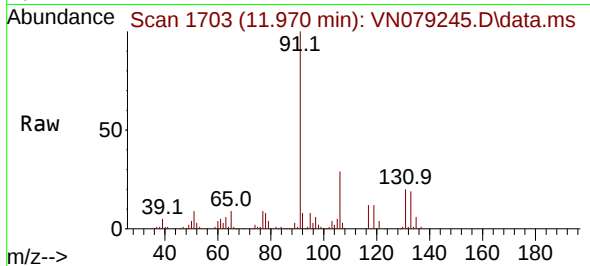
Tgt Ion:131 Resp: 63796
Ion Ratio Lower Upper
131 100
133 96.7 46.4 139.1
119 60.3 34.1 102.2





#67
Ethyl Benzene
Concen: 50.018 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

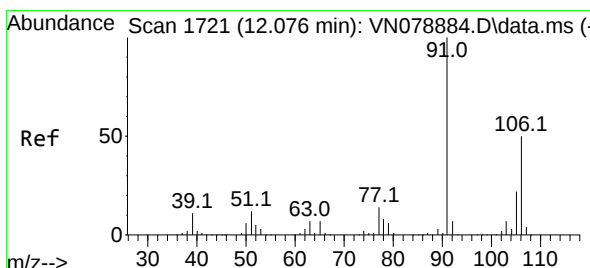
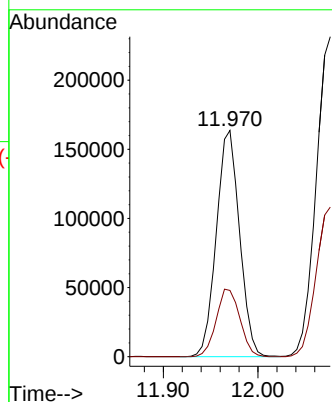
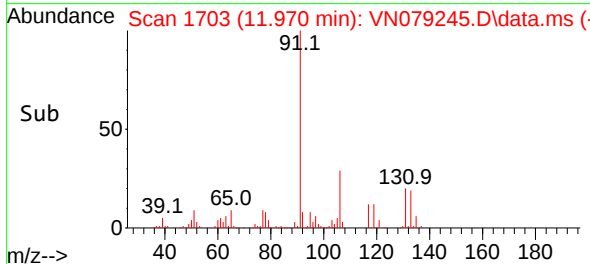
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



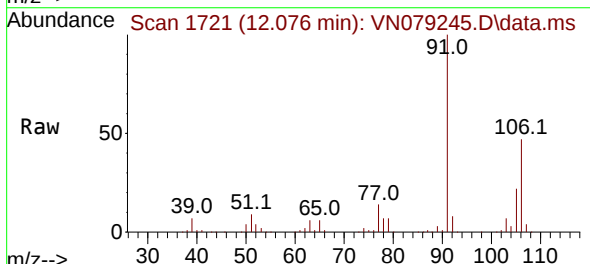
Tgt Ion: 91 Resp: 27889
Ion Ratio Lower Upper
91 100
106 29.3 25.6 38.4

Manual Integrations
APPROVED

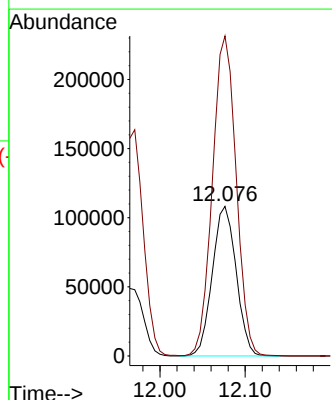
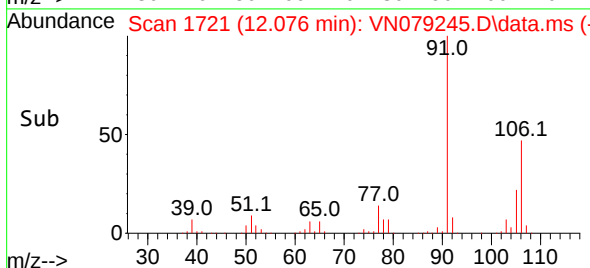
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

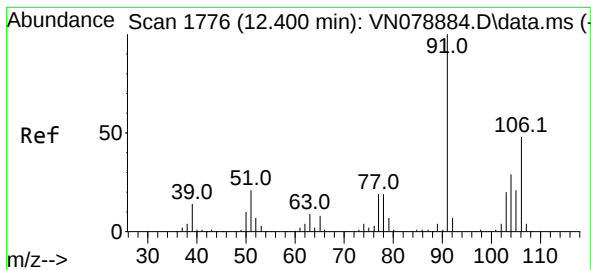


#68
m/p-Xylenes
Concen: 101.096 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12



Tgt Ion:106 Resp: 210107
Ion Ratio Lower Upper
106 100
91 213.2 159.6 239.4





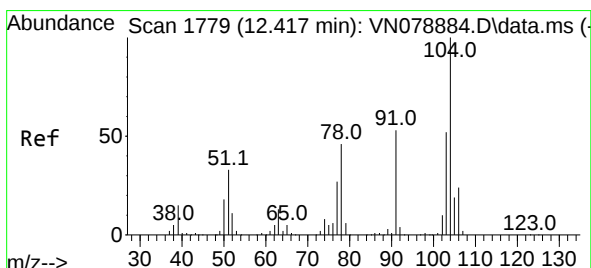
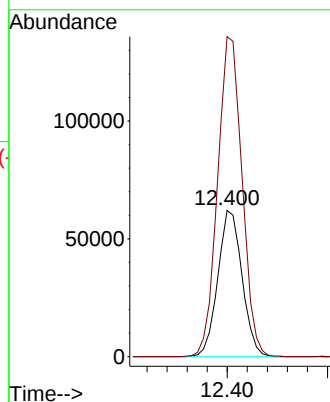
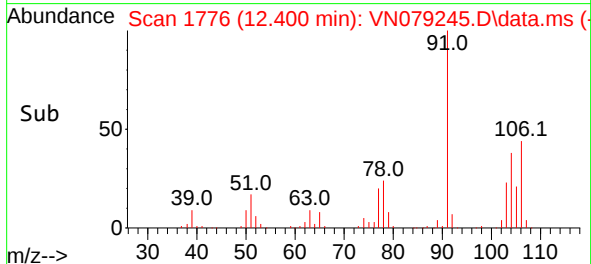
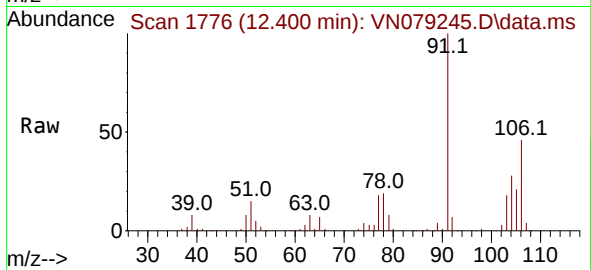
#69
o-Xylene
Concen: 52.171 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 10398
Ion Ratio Lower Upper
106 100
91 221.5 105.2 315.5

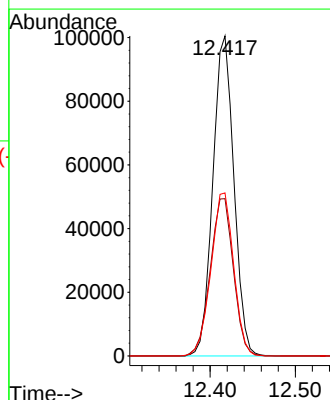
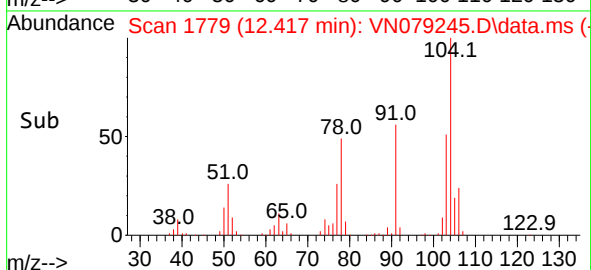
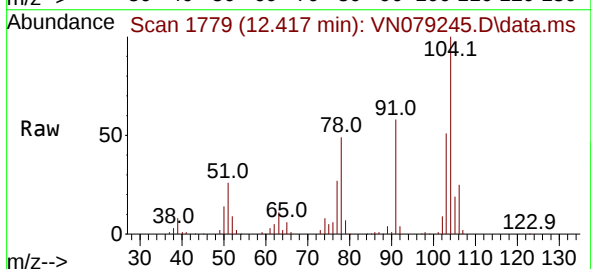
Manual Integrations
APPROVED

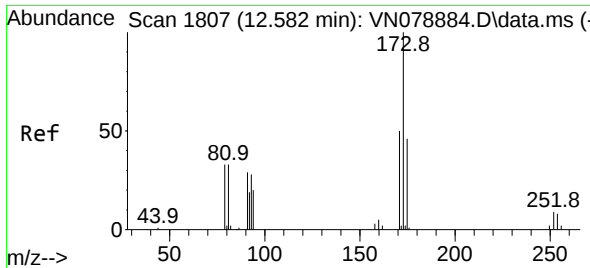
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#70
Styrene
Concen: 53.796 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

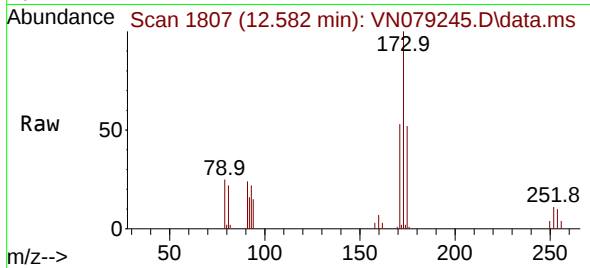
Tgt Ion:104 Resp: 172457
Ion Ratio Lower Upper
104 100
78 54.1 39.5 59.3
103 54.9 43.2 64.8





#71
Bromoform
Concen: 57.209 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

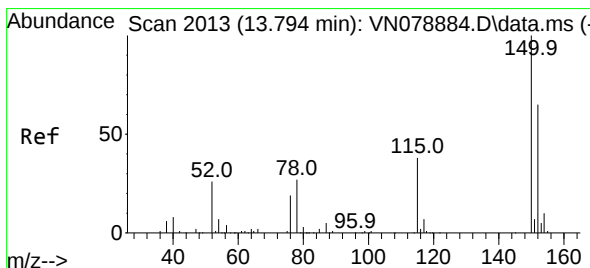
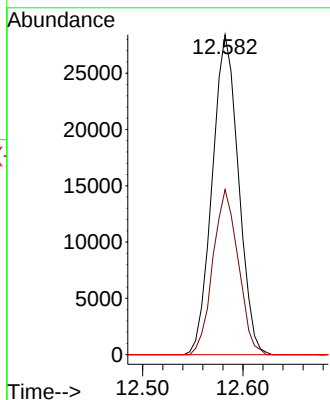
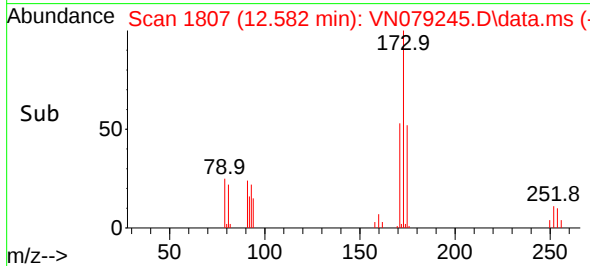
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



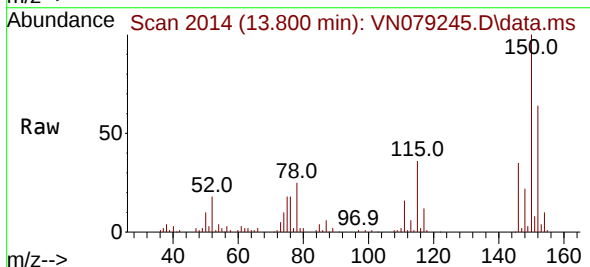
Tgt Ion:173 Resp: 51620
Ion Ratio Lower Upper
173 100
175 49.8 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

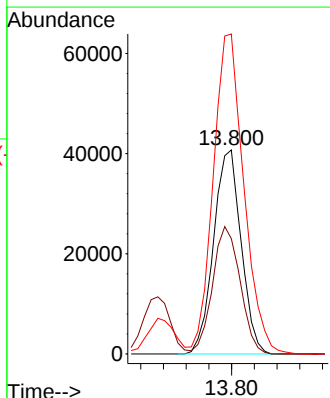
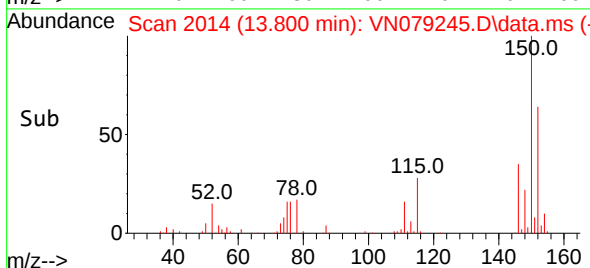
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

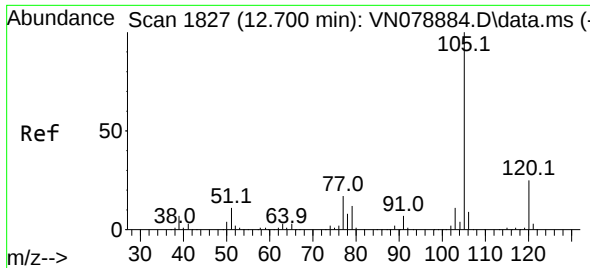


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12



Tgt Ion:152 Resp: 68522
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 174.7 0.0 355.8





#73
Isopropylbenzene
Concen: 43.871 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

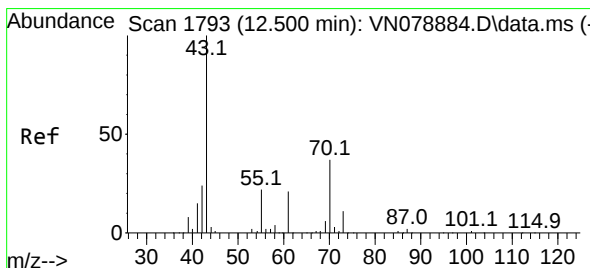
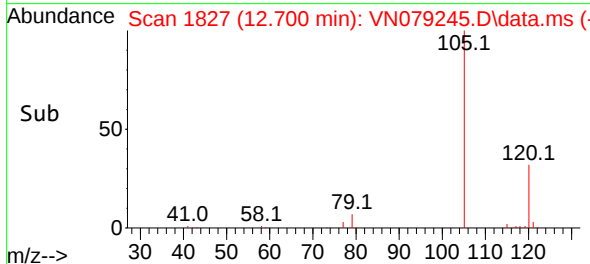
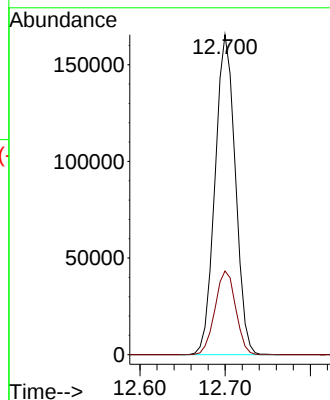
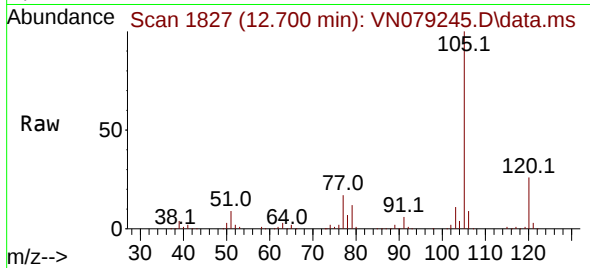
VSTDCCC050EC

Tgt Ion:105 Resp: 27350
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

Manual Integrations

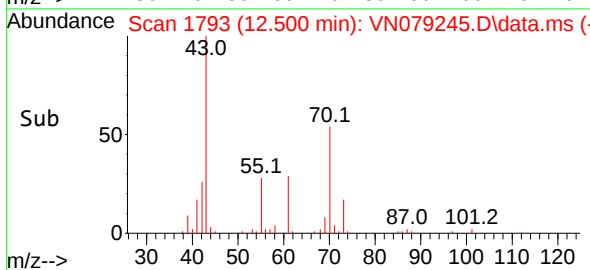
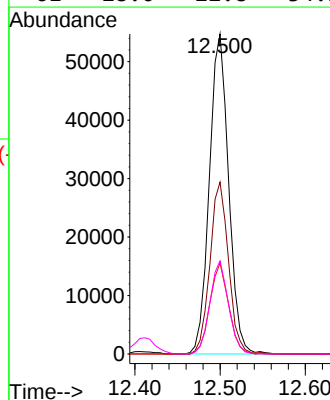
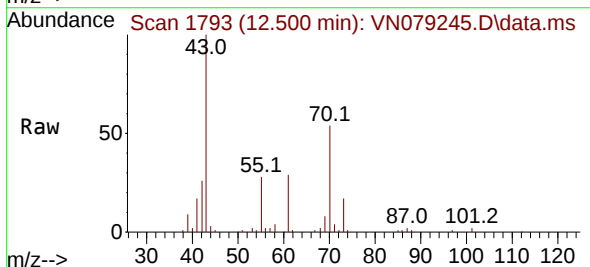
APPROVED

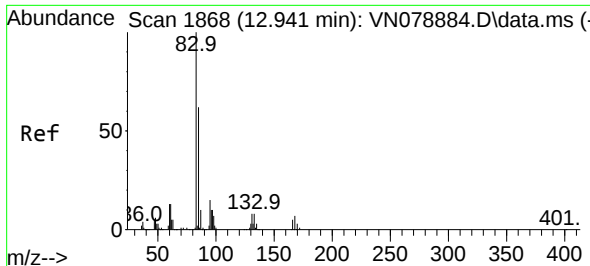
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#74
N-ethyl acetate
Concen: 36.350 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

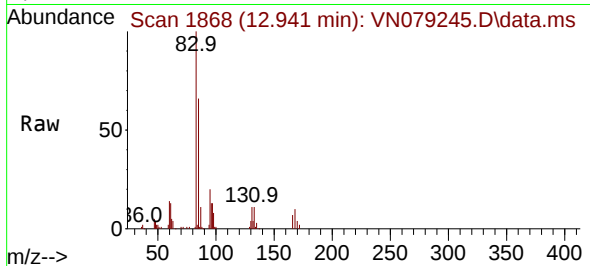
Tgt Ion: 43 Resp: 85976
Ion Ratio Lower Upper
43 100
70 51.5 43.4 65.2
55 27.7 21.4 32.0
61 28.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 33.586 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

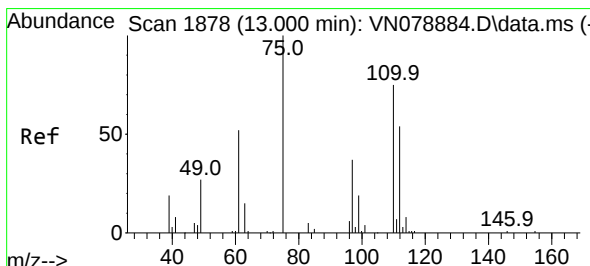
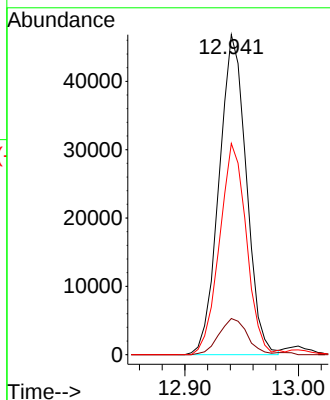
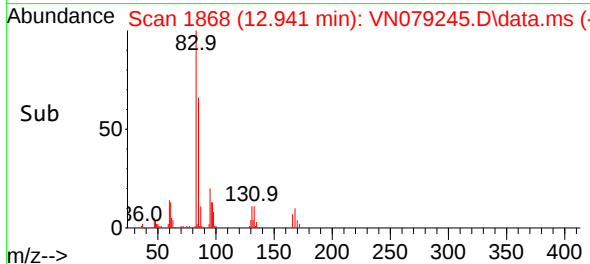
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 7797
Ion Ratio Lower Upper
83 100
131 11.8 5.0 15.0
85 65.4 31.9 95.7

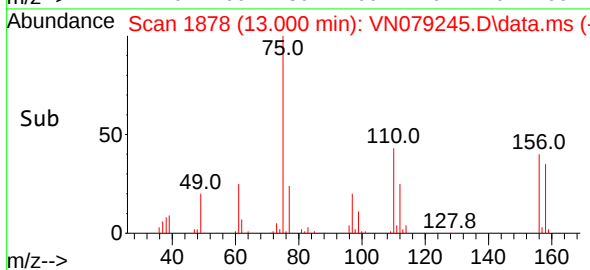
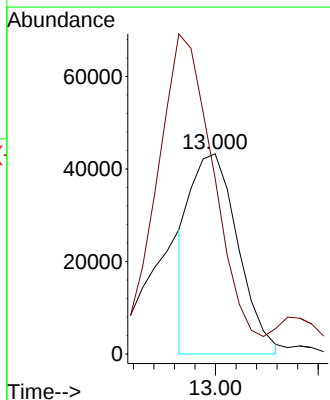
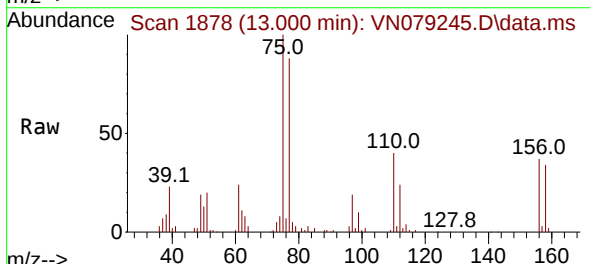
Manual Integrations
APPROVED

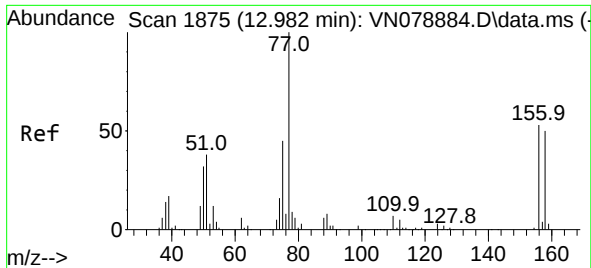
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#76
1,2,3-Trichloropropane
Concen: 37.789 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

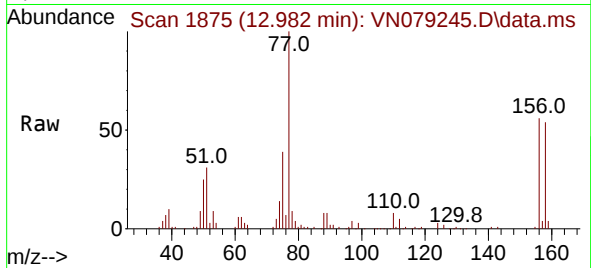
Tgt Ion: 75 Resp: 69787
Ion Ratio Lower Upper
75 100
77 194.8 84.5 253.5





#77
Bromobenzene
Concen: 42.070 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

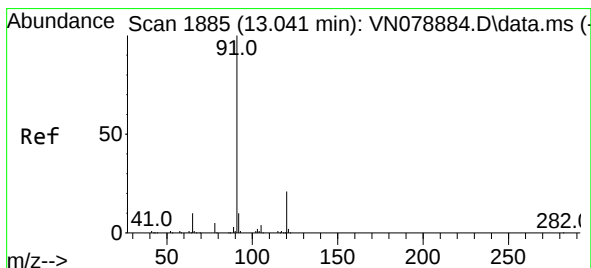
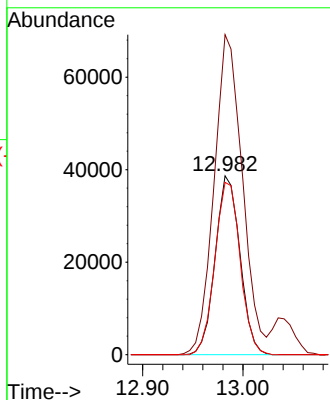
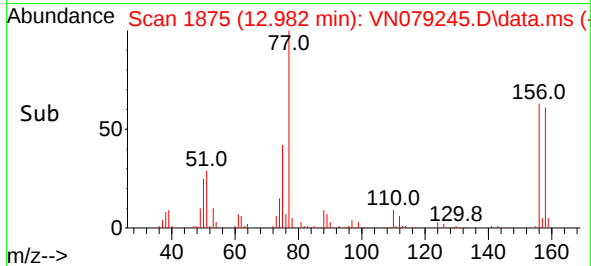
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



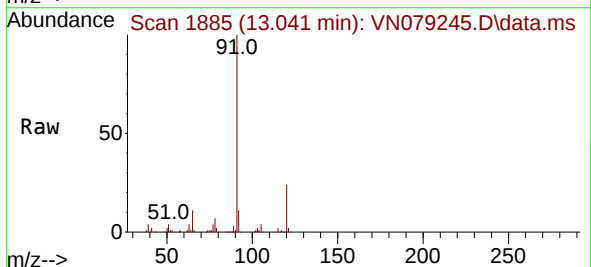
Tgt Ion:156 Resp: 6641
Ion Ratio Lower Upper
156 100
77 204.7 107.7 323.3
158 98.4 48.4 145.3

Manual Integrations
APPROVED

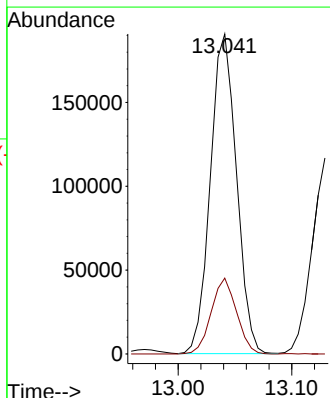
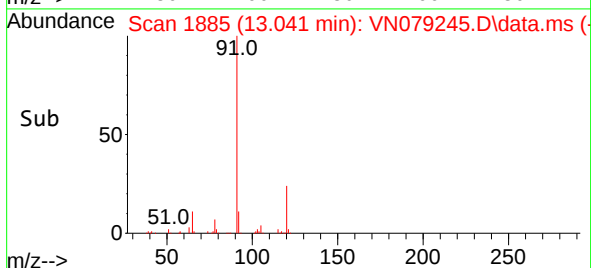
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

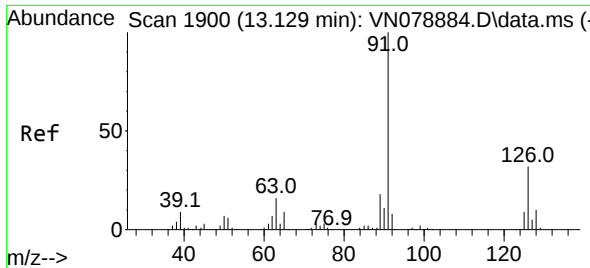


#78
n-propylbenzene
Concen: 43.550 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12



Tgt Ion: 91 Resp: 304991
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





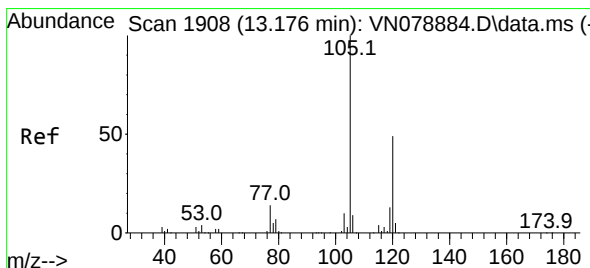
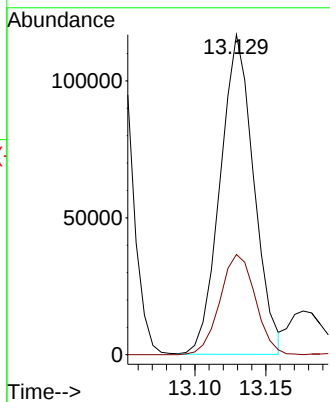
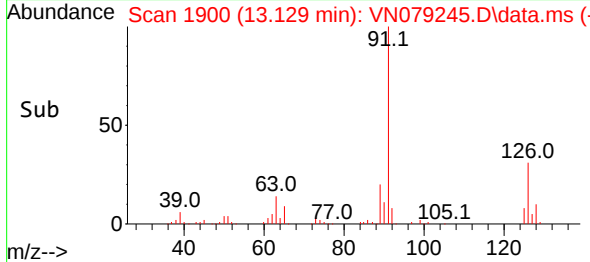
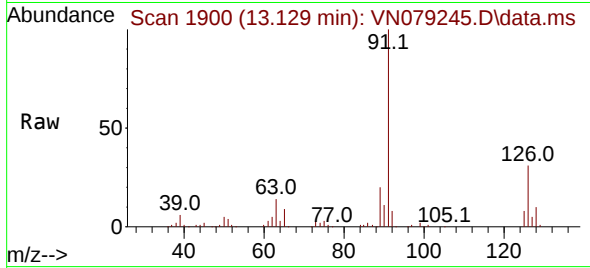
#79
2-Chlorotoluene
Concen: 42.035 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 19254
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8

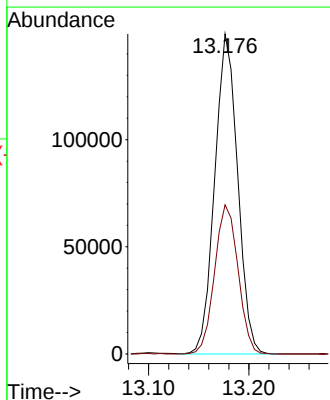
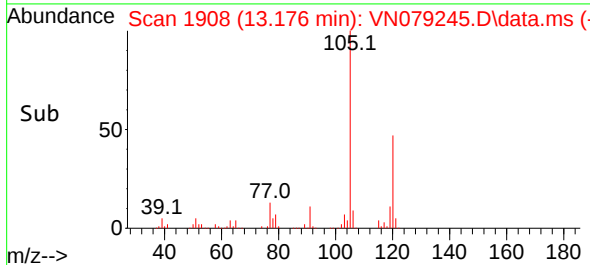
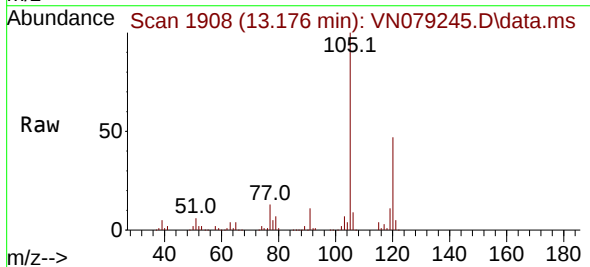
Manual Integrations
APPROVED

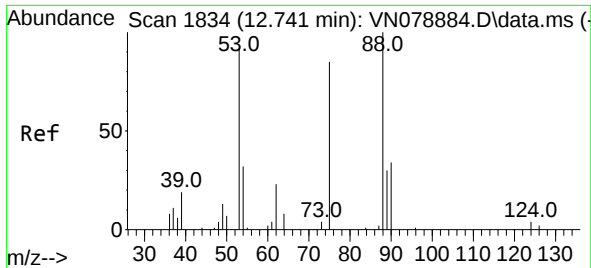
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.573 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

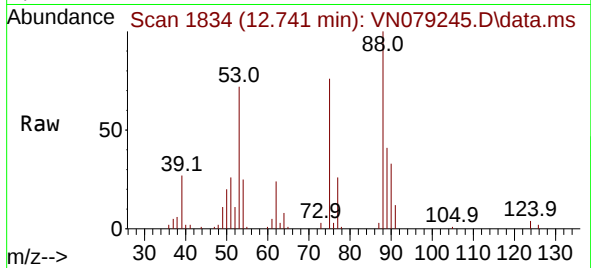
Tgt Ion:105 Resp: 236737
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 37.305 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

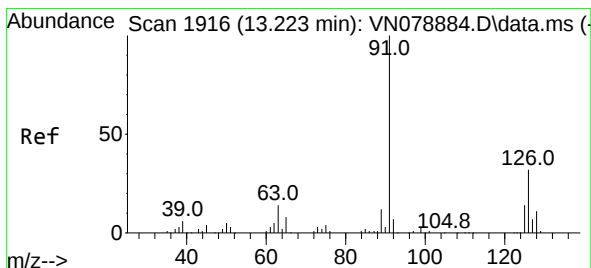
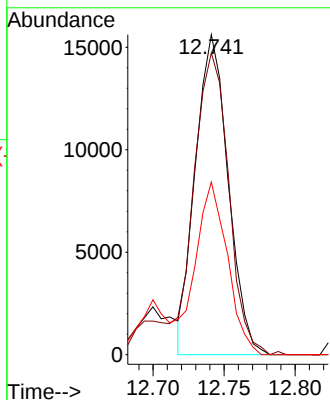
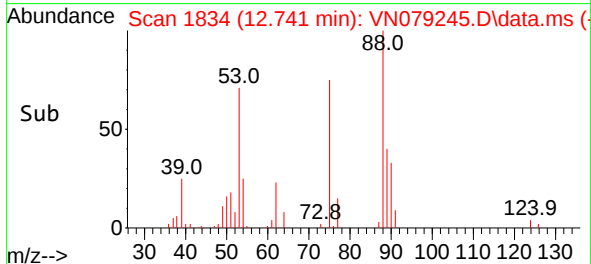
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 25059
Ion Ratio Lower Upper
75 100
53 100.4 67.4 101.2
89 54.0 38.8 58.2

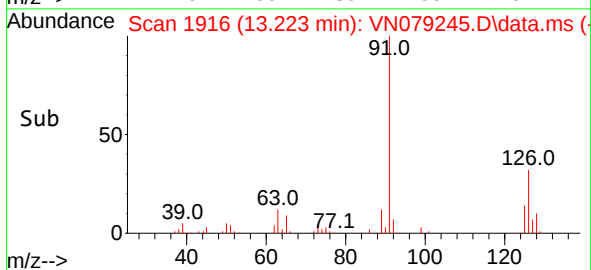
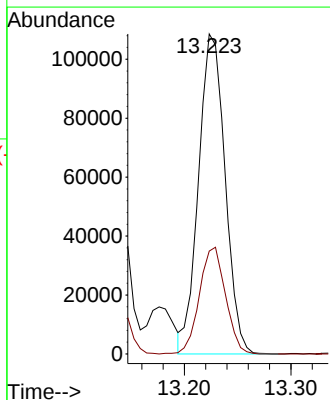
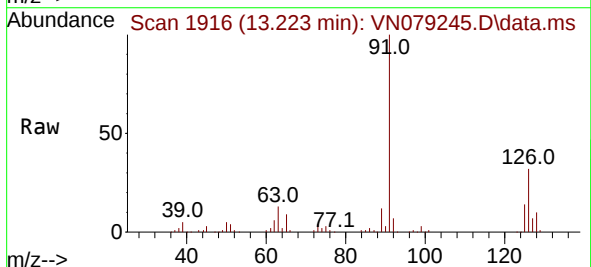
Manual Integrations
APPROVED

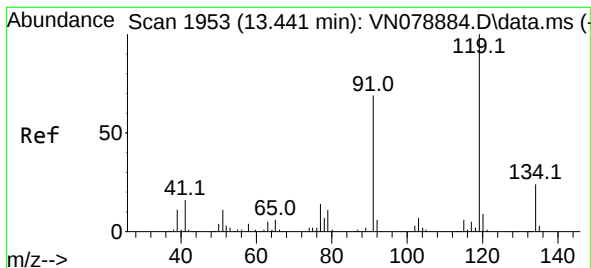
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#82
4-Chlorotoluene
Concen: 43.709 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

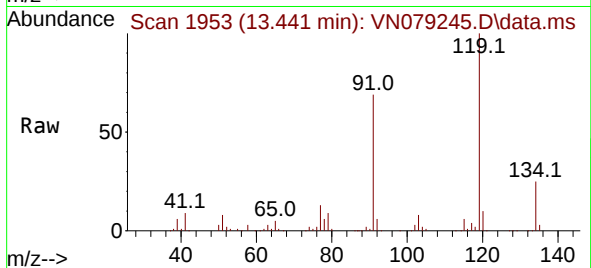
Tgt Ion: 91 Resp: 188123
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 47.716 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

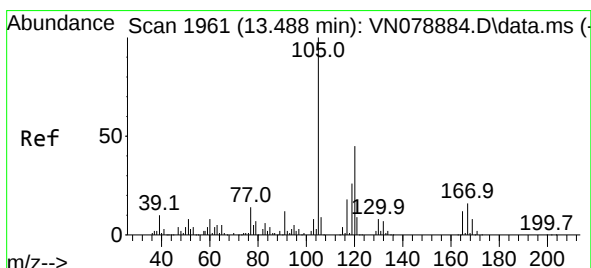
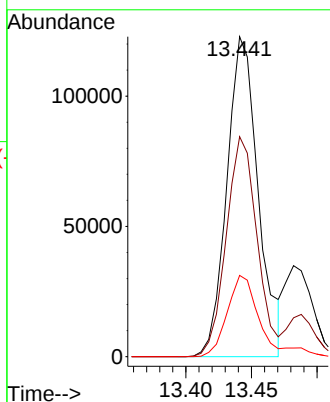
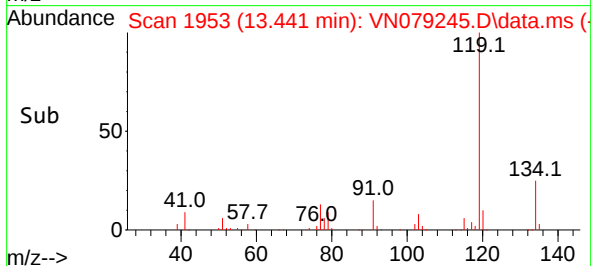
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



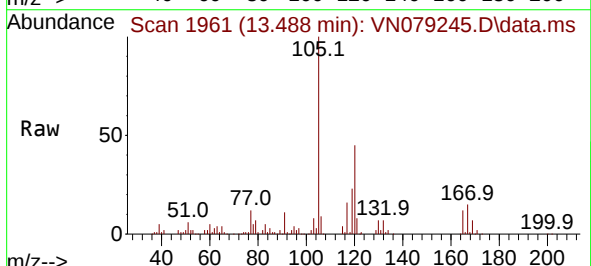
Tgt Ion:119 Resp: 205058
Ion Ratio Lower Upper
119 100
91 67.5 33.9 101.7
134 26.6 13.2 39.6

Manual Integrations
APPROVED

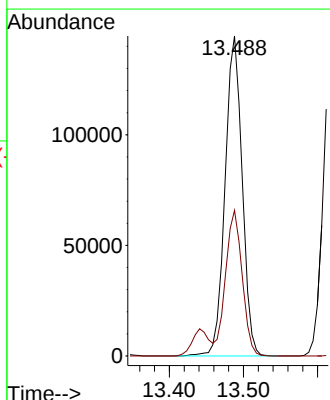
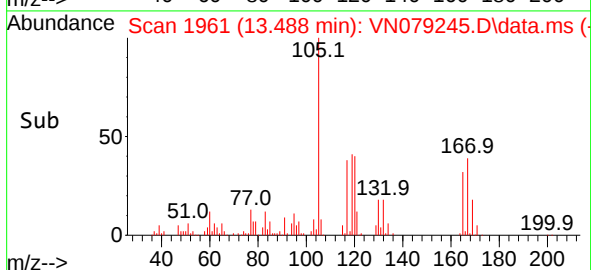
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

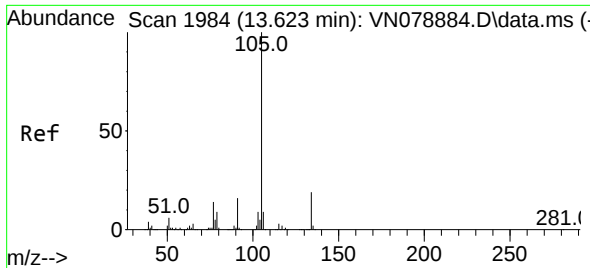


#84
1,2,4-Trimethylbenzene
Concen: 46.827 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12



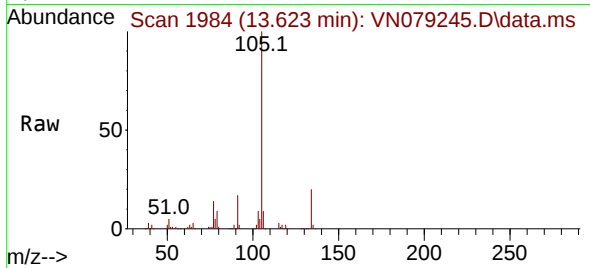
Tgt Ion:105 Resp: 231661
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 44.889 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079245.D
 Acq: 12 Sep 2023 19:12

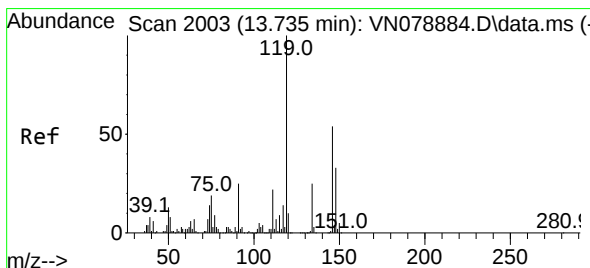
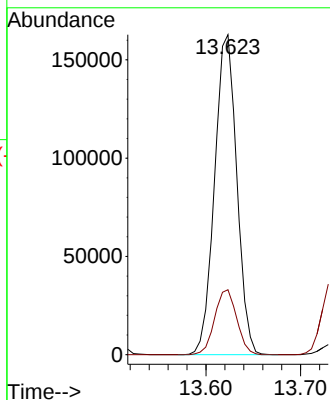
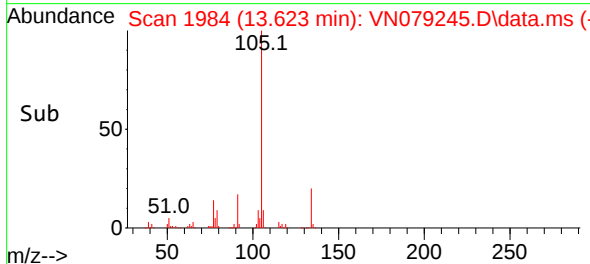
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



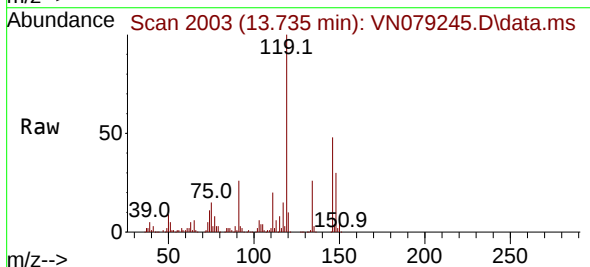
Tgt Ion:105 Resp: 265570
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

Manual Integrations
 APPROVED

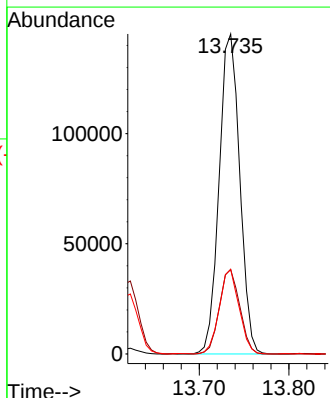
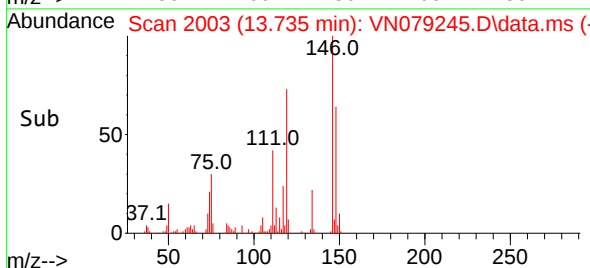
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023



#86
 p-Isopropyltoluene
 Concen: 48.974 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079245.D
 Acq: 12 Sep 2023 19:12



Tgt Ion:119 Resp: 231481
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 25.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 45.515 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079245.D

Acq: 12 Sep 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

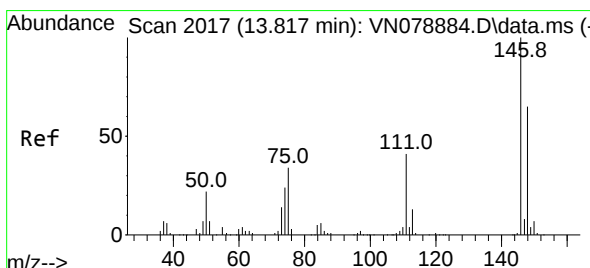
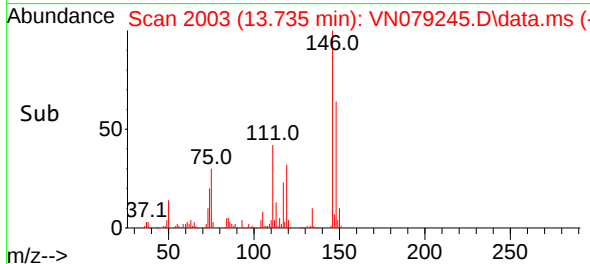
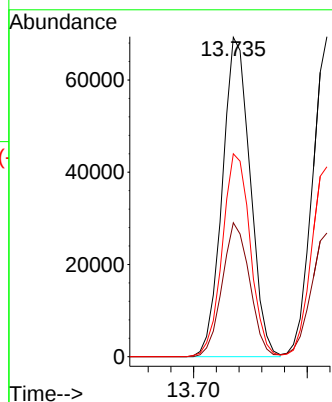
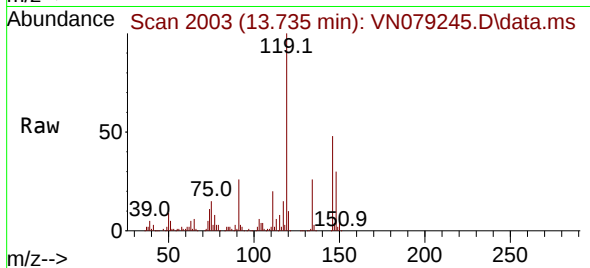
Tgt Ion:146 Resp: 11784
 Ion Ratio Lower Upper
 146 100
 111 41.5 22.1 66.3
 148 63.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#88

1,4-Dichlorobenzene

Concen: 44.035 ug/l

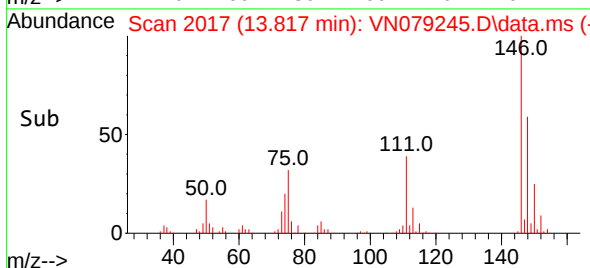
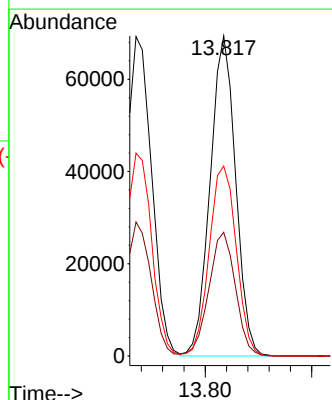
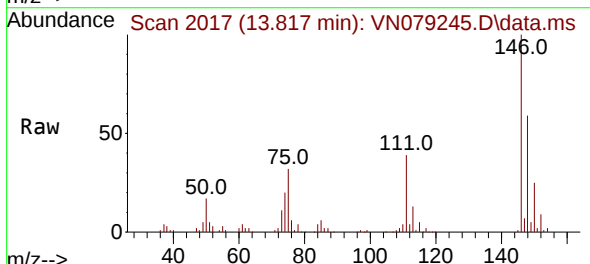
RT: 13.817 min Scan# 2017

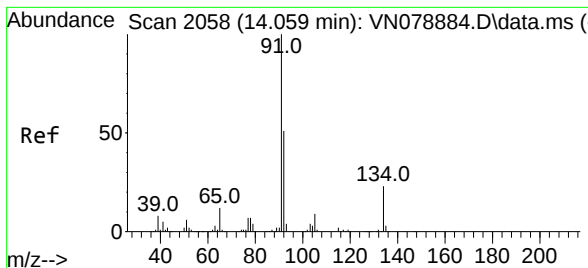
Delta R.T. -0.001 min

Lab File: VN079245.D

Acq: 12 Sep 2023 19:12

Tgt Ion:146 Resp: 115209
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.6 61.8
 148 63.1 31.6 94.8





#89

n-Butylbenzene

Concen: 46.161 ug/l

RT: 14.064 min Scan# 2058

Delta R.T. 0.005 min

Lab File: VN079245.D

Acq: 12 Sep 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

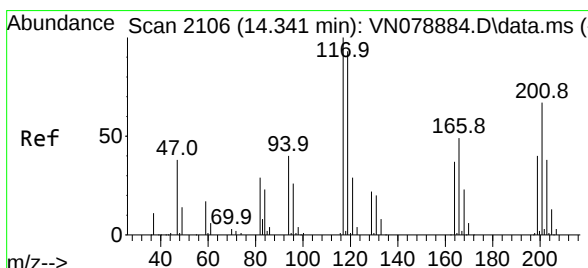
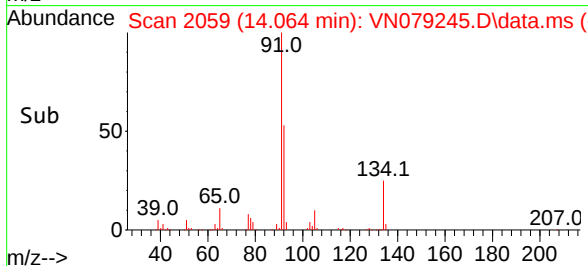
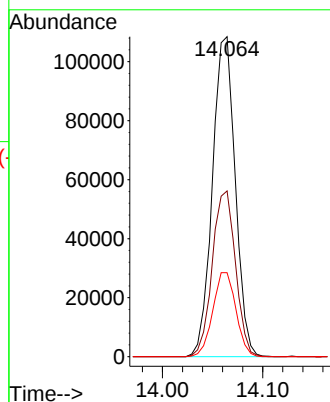
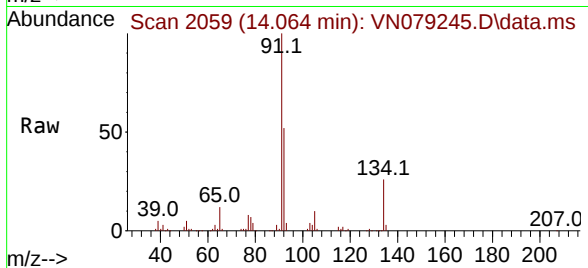
Tgt Ion:	91	Resp:	17157
Ion Ratio	Lower	Upper	
91	100		
92	52.7	26.4	79.0
134	26.6	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#90

Hexachloroethane

Concen: 45.421 ug/l

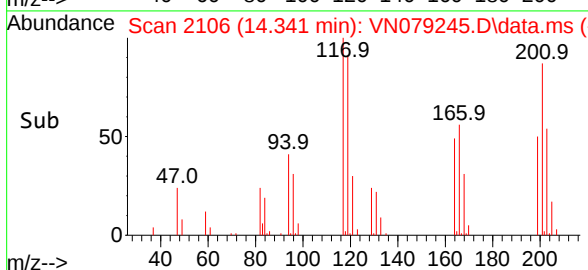
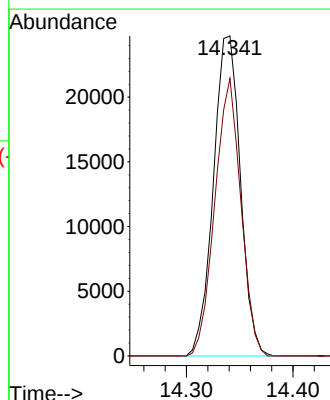
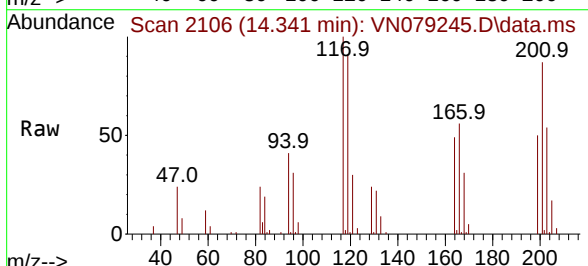
RT: 14.341 min Scan# 2106

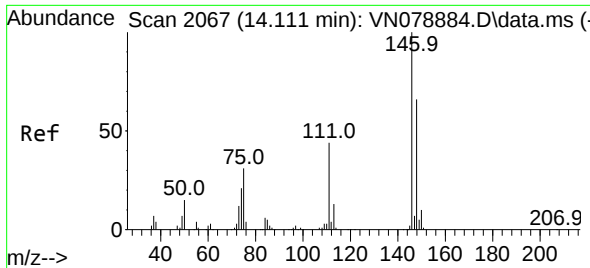
Delta R.T. 0.006 min

Lab File: VN079245.D

Acq: 12 Sep 2023 19:12

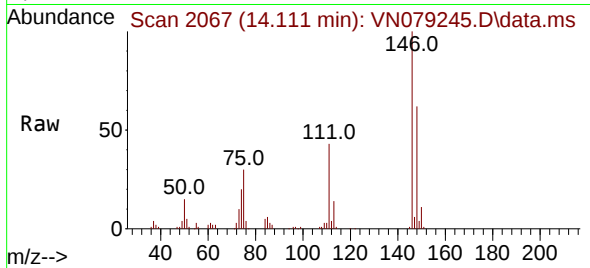
Tgt Ion:	117	Resp:	43597
Ion Ratio	Lower	Upper	
117	100		
201	83.3	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 45.206 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

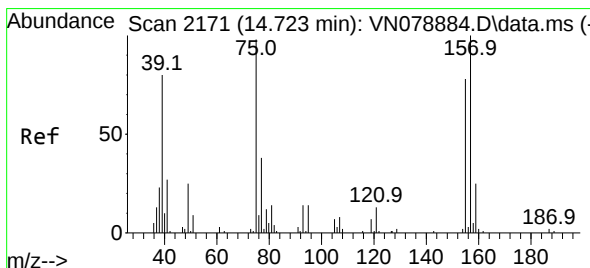
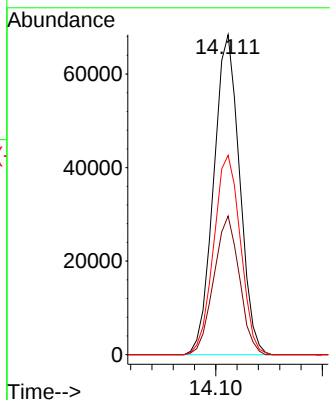
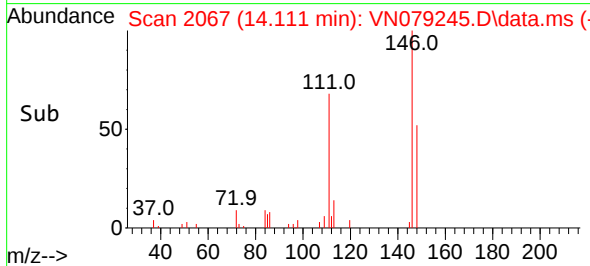
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 11554
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 64.4 31.8 95.3

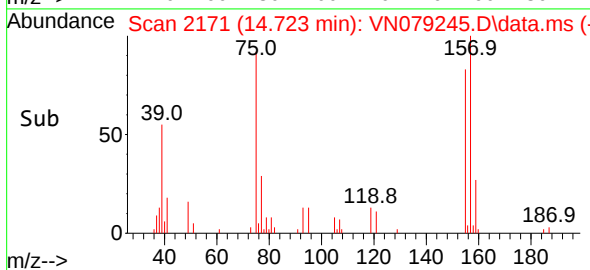
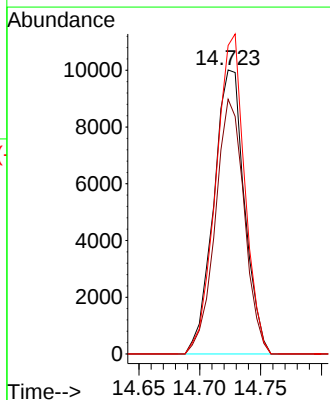
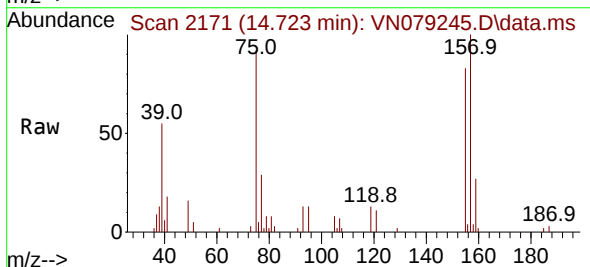
Manual Integrations
APPROVED

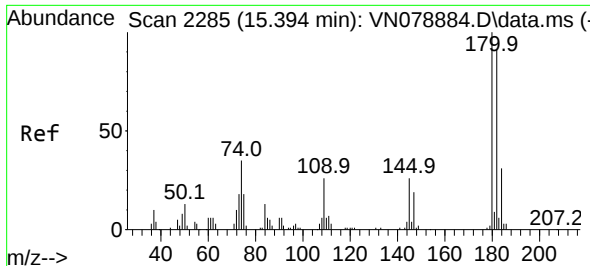
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.925 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

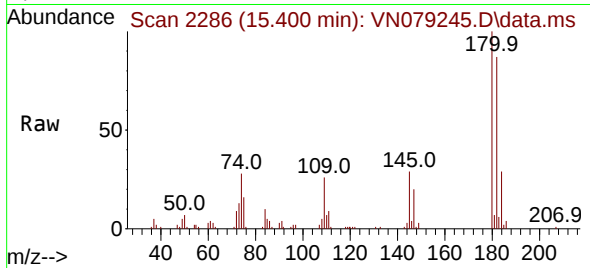
Tgt Ion: 75 Resp: 17619
Ion Ratio Lower Upper
75 100
155 84.5 39.1 117.2
157 105.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 56.810 ug/l
RT: 15.400 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

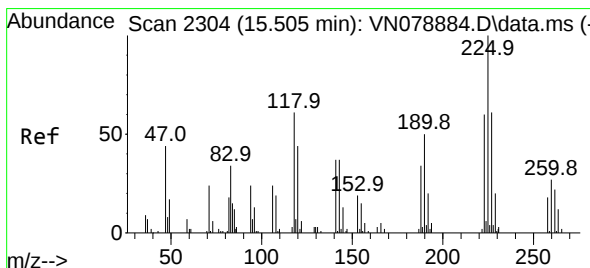
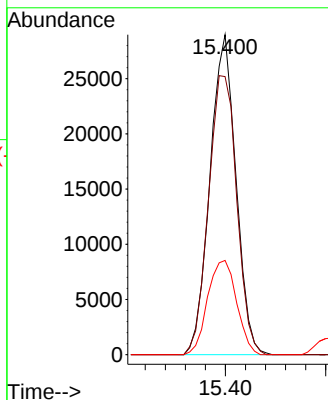
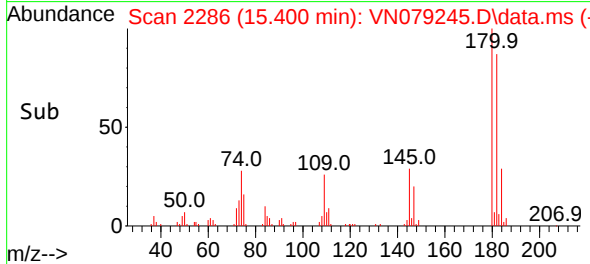
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



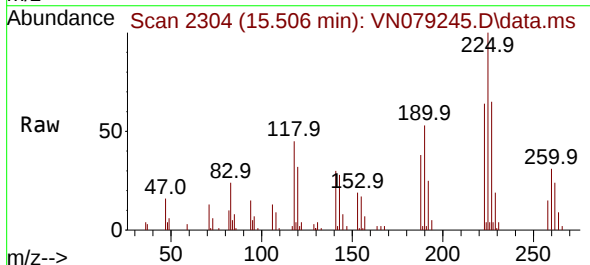
Tgt Ion:180 Resp: 5218
Ion Ratio Lower Upper
180 100
182 94.7 46.1 138.2
145 32.8 16.6 49.8

Manual Integrations
APPROVED

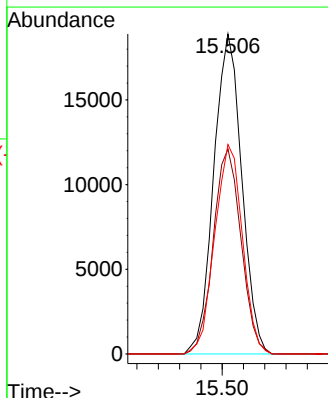
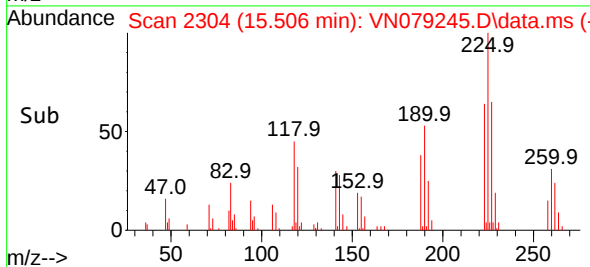
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

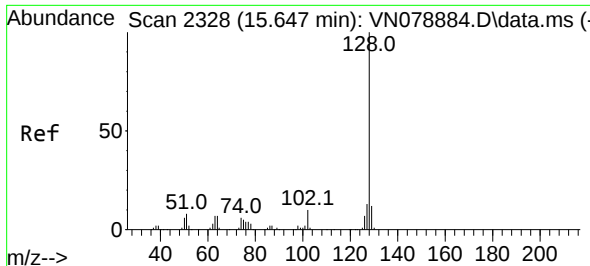


#94
Hexachlorobutadiene
Concen: 47.700 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12



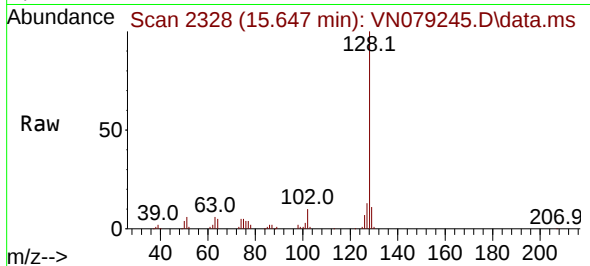
Tgt Ion:225 Resp: 34466
Ion Ratio Lower Upper
225 100
223 63.6 31.3 93.8
227 64.7 31.9 95.9





#95
Naphthalene
Concen: 49.278 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12

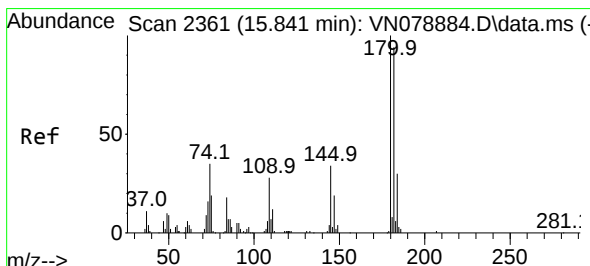
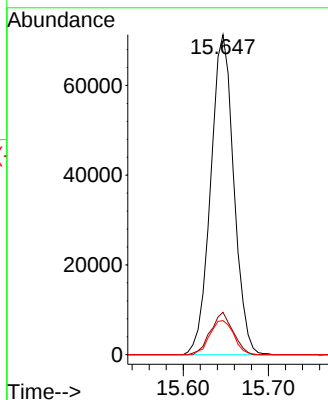
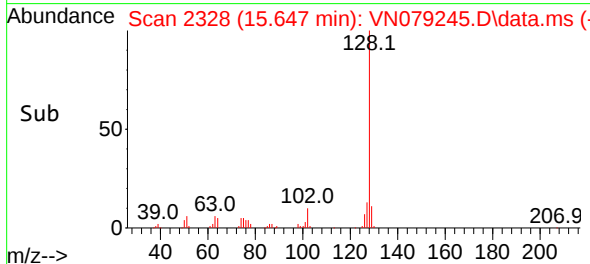
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



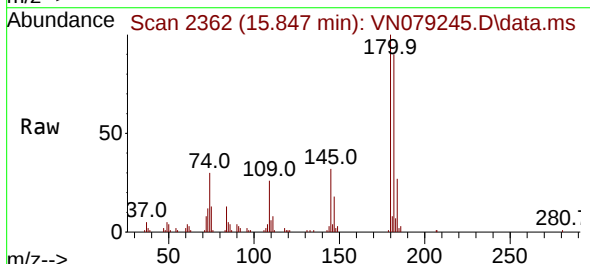
Tgt Ion:128 Resp: 134432
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.515 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079245.D
Acq: 12 Sep 2023 19:12



Tgt Ion:180 Resp: 55815
Ion Ratio Lower Upper
180 100
182 94.1 46.2 138.6
145 32.2 17.5 52.6

