

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079219.D
 Acq On : 11 Sep 2023 15:07
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 12 02:36:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 11 16:44:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	136419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	232037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	205249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	67647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	10263	5.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.140%#		
35) Dibromofluoromethane	8.177	113	8362	5.418	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.840%#		
50) Toluene-d8	10.571	98	30307	5.348	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.700%#		
62) 4-Bromofluorobenzene	12.853	95	8934	4.942	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.880%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	6445	4.775	ug/l	91
3) Chloromethane	2.365	50	8579	4.842	ug/l	95
4) Vinyl Chloride	2.512	62	9559	4.951	ug/l	96
5) Bromomethane	2.936	94	6488	5.846	ug/l	93
6) Chloroethane	3.106	64	6734	4.591	ug/l	96
7) Trichlorofluoromethane	3.495	101	14673	5.190	ug/l	97
8) Diethyl Ether	3.971	74	5376	5.478	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.365	101	8047	5.352	ug/l	95
10) Methyl Iodide	4.583	142	5064	4.117	ug/l #	86
11) Tert butyl alcohol	5.524	59	10512	30.919	ug/l #	84
12) 1,1-Dichloroethene	4.347	96	7615	5.234	ug/l	95
13) Acrolein	4.189	56	8410	25.932	ug/l	94
14) Allyl chloride	5.030	41	12409	5.346	ug/l #	84
15) Acrylonitrile	5.730	53	22152	25.128	ug/l	99
16) Acetone	4.436	43	19673	25.154	ug/l	95
17) Carbon Disulfide	4.718	76	23411	5.148	ug/l #	93
18) Methyl Acetate	5.036	43	16877	5.250	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	24692	4.948	ug/l	95
20) Methylene Chloride	5.283	84	9826	5.163	ug/l #	81
21) trans-1,2-Dichloroethene	5.794	96	8762	5.191	ug/l #	75
22) Diisopropyl ether	6.683	45	25401	4.988	ug/l #	93
23) Vinyl Acetate	6.612	43	78106	23.217	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	16163	5.149	ug/l #	93
25) 2-Butanone	7.494	43	28195	24.846	ug/l	88
26) 2,2-Dichloropropane	7.500	77	11946	4.498	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	9200	4.767	ug/l	84
28) Bromochloromethane	7.824	49	6867	4.838	ug/l #	84
29) Tetrahydrofuran	7.847	42	17353	24.030	ug/l #	81
30) Chloroform	7.977	83	16893	5.168	ug/l	88
31) Cyclohexane	8.259	56	15333	5.702	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	14174	5.087	ug/l	96
36) 1,1-Dichloropropene	8.377	75	11468	4.820	ug/l	97
37) Ethyl Acetate	7.571	43	11400m	4.871	ug/l	
38) Carbon Tetrachloride	8.365	117	12123	4.924	ug/l #	95
39) Methylcyclohexane	9.606	83	11925	5.082	ug/l #	87
40) Benzene	8.612	78	36328	4.988	ug/l	98

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 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
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 VSTDICC005

Manual Integrations
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Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

Quant Time: Sep 12 02:36:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 11 16:44:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	5941	4.845	ug/l #	88
42) 1,2-Dichloroethane	8.682	62	12499	4.985	ug/l	98
43) Isopropyl Acetate	8.694	43	19243	4.970	ug/l #	91
44) Trichloroethene	9.359	130	9295	5.181	ug/l	99
45) 1,2-Dichloropropane	9.629	63	9205	5.093	ug/l	99
46) Dibromomethane	9.718	93	6132	4.998	ug/l #	87
47) Bromodichloromethane	9.894	83	12419	4.942	ug/l #	94
48) Methyl methacrylate	9.682	41	8498	4.900	ug/l	82
49) 1,4-Dioxane	9.700	88	3447	96.632	ug/l #	82
51) 4-Methyl-2-Pentanone	10.453	43	55325	24.615	ug/l	91
52) Toluene	10.635	92	22188	4.957	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	13108	4.947	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	13914	4.909	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	9046	5.151	ug/l	96
56) Ethyl methacrylate	10.882	69	11723	4.729	ug/l #	86
57) 1,3-Dichloropropane	11.171	76	15831	5.215	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	23663	24.737	ug/l	93
59) 2-Hexanone	11.200	43	40032	24.591	ug/l	88
60) Dibromochloromethane	11.365	129	9395	5.027	ug/l	100
61) 1,2-Dibromoethane	11.476	107	9380	5.352	ug/l	97
64) Tetrachloroethene	11.112	164	7610	5.085	ug/l	95
65) Chlorobenzene	11.900	112	23419	5.037	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	8991	5.157	ug/l	100
67) Ethyl Benzene	11.970	91	38202	4.803	ug/l	99
68) m/p-Xylenes	12.076	106	27729	9.354	ug/l	95
69) o-Xylene	12.400	106	13856	4.874	ug/l	96
70) Styrene	12.418	104	20205	4.419	ug/l	96
71) Bromoform	12.582	173	6123	4.757	ug/l #	99
73) Isopropylbenzene	12.700	105	33631	5.464	ug/l	100
74) N-amyl acetate	12.500	43	12449	5.331	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.947	83	13305	5.805	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	10231m	5.830	ug/l	
77) Bromobenzene	12.982	156	8401	5.391	ug/l	94
78) n-propylbenzene	13.041	91	35406	5.121	ug/l	98
79) 2-Chlorotoluene	13.129	91	24524	5.423	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	27009	5.267	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.747	75	3253	4.905	ug/l #	77
82) 4-Chlorotoluene	13.229	91	21843	5.141	ug/l	97
83) tert-Butylbenzene	13.441	119	22060	5.200	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	26014	5.326	ug/l	98
85) sec-Butylbenzene	13.623	105	30922	5.294	ug/l	100
86) p-Isopropyltoluene	13.735	119	24012	5.146	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	12963	5.071	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	13294	5.147	ug/l	97
89) n-Butylbenzene	14.059	91	18664	5.086	ug/l	96
90) Hexachloroethane	14.341	117	5262	5.553	ug/l	76
91) 1,2-Dichlorobenzene	14.112	146	13725	5.439	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1898	5.256	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	3789	4.178	ug/l	89
94) Hexachlorobutadiene	15.500	225	3670	5.145	ug/l	91
95) Naphthalene	15.647	128	10514	3.904	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	4653	4.350	ug/l	98

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

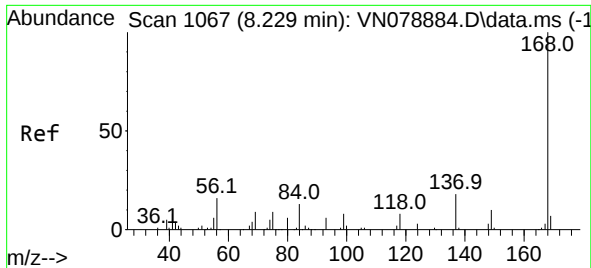
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/12/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

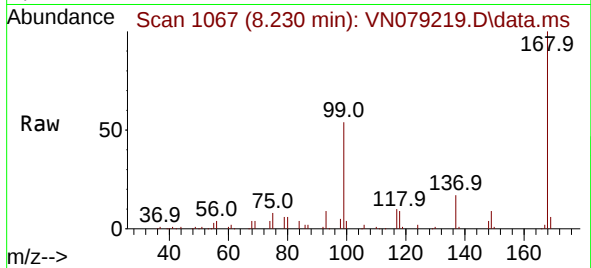
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079219.D
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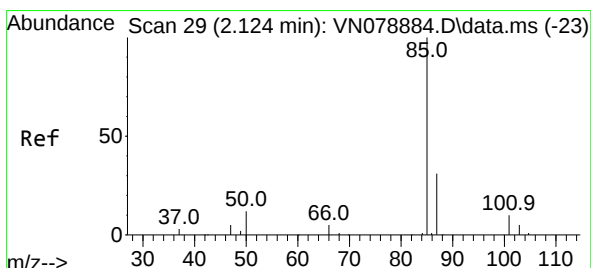
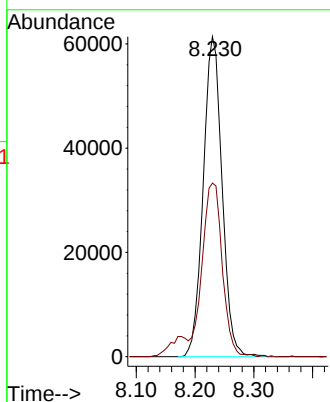
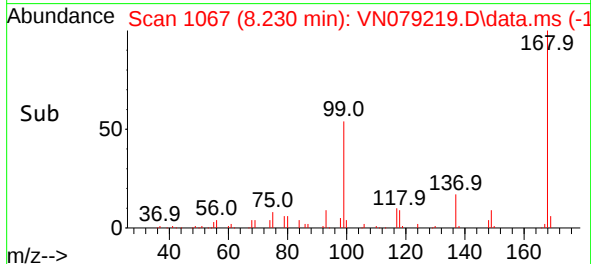
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 136419
Ion Ratio Lower Upper
168 100
99 54.3 53.0 79.6

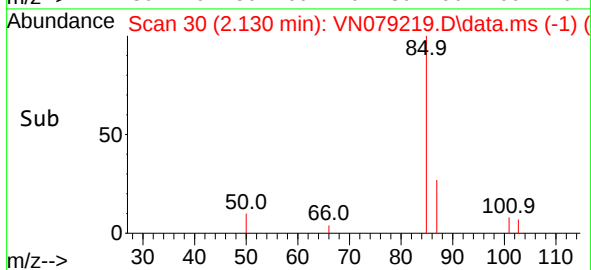
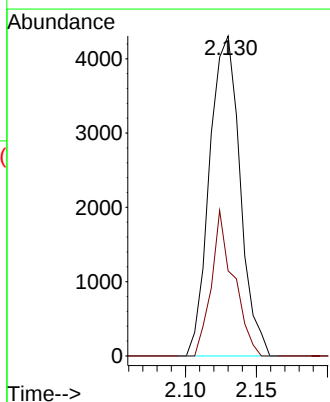
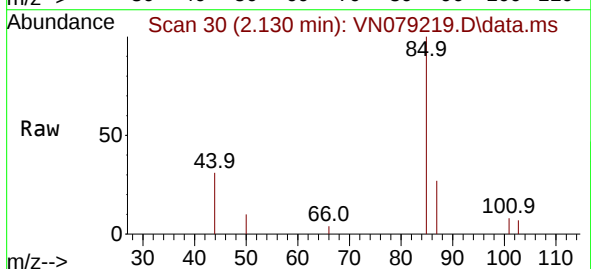
Manual Integrations
APPROVED

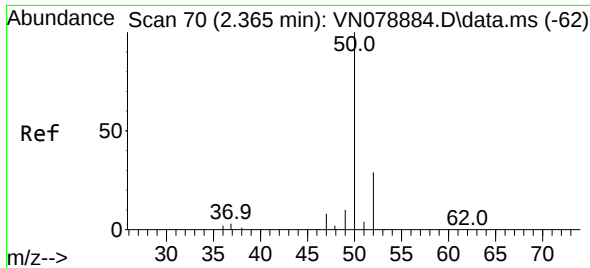
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#2
Dichlorodifluoromethane
Concen: 4.775 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

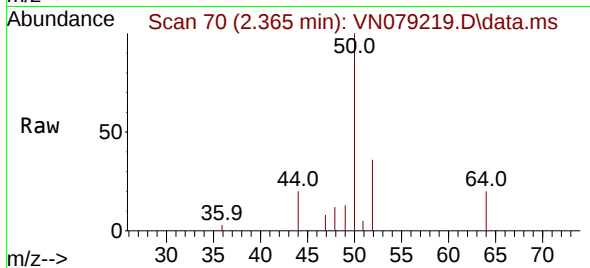
Tgt Ion: 85 Resp: 6445
Ion Ratio Lower Upper
85 100
87 26.6 15.8 47.4





#3
Chloromethane
Concen: 4.842 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

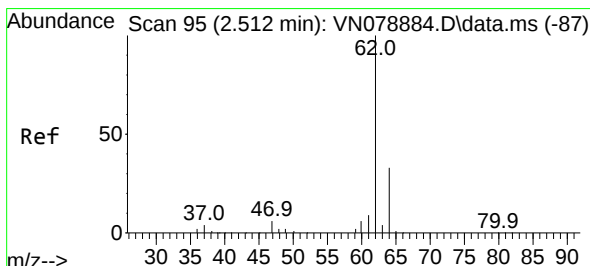
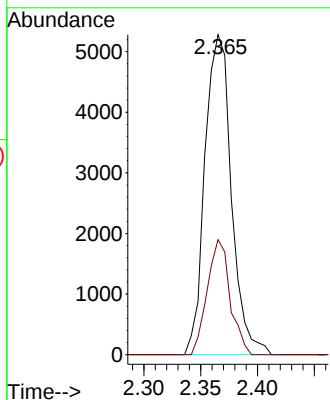
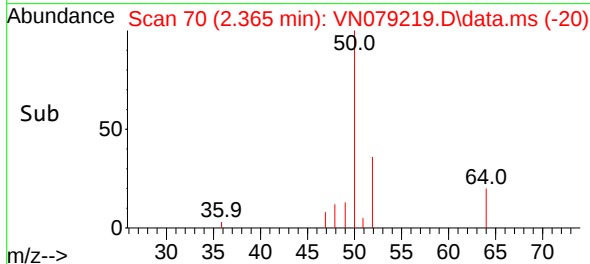
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



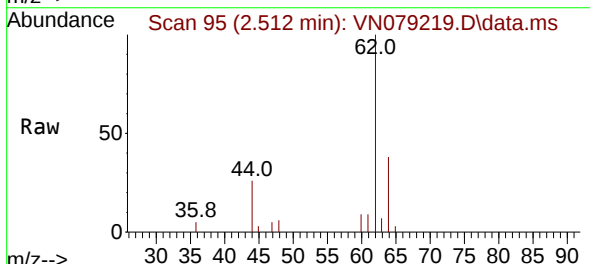
Tgt Ion: 50 Resp: 8579
Ion Ratio Lower Upper
50 100
52 36.0 26.5 39.7

Manual Integrations
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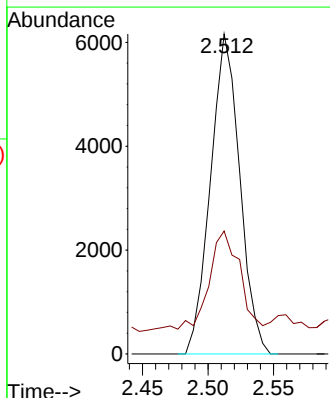
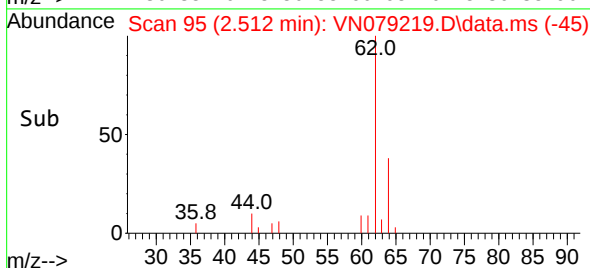
Reviewed By :John Carlone 09/12/2023
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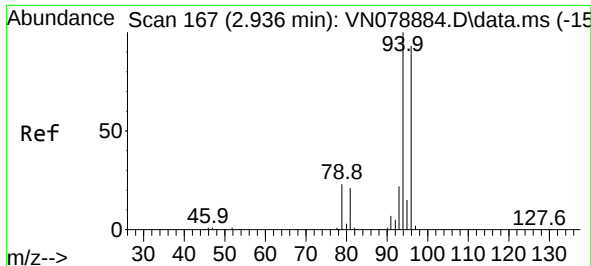


#4
Vinyl Chloride
Concen: 4.951 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07



Tgt Ion: 62 Resp: 9559
Ion Ratio Lower Upper
62 100
64 30.7 26.2 39.2





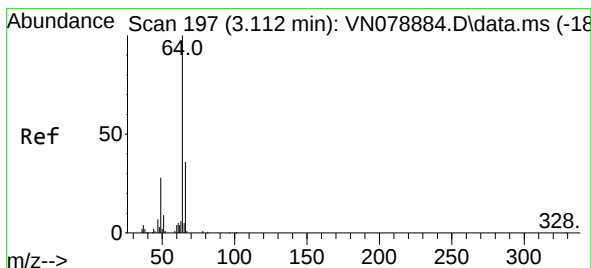
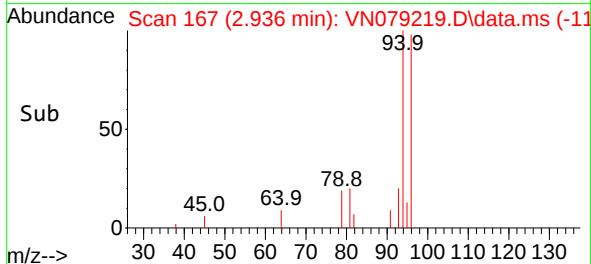
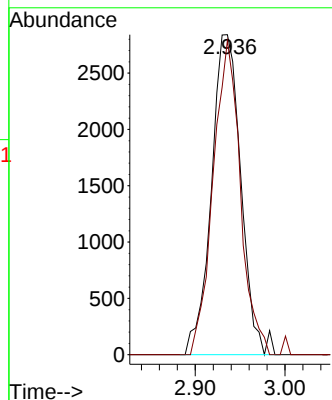
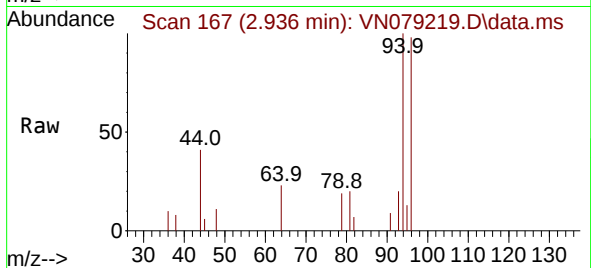
#5
Bromomethane
Concen: 5.846 ug/l
RT: 2.936 min Scan# 110
Delta R.T. -0.012 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 6488
Ion Ratio Lower Upper
94 100
96 98.1 73.1 109.7

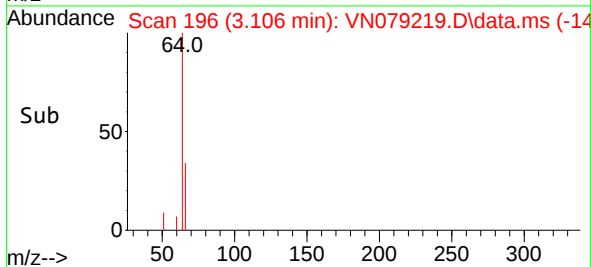
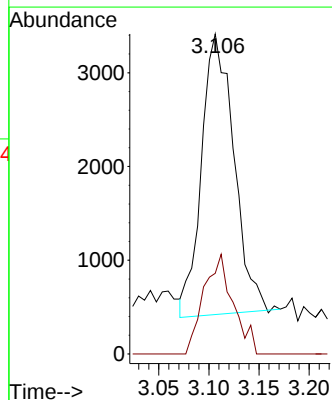
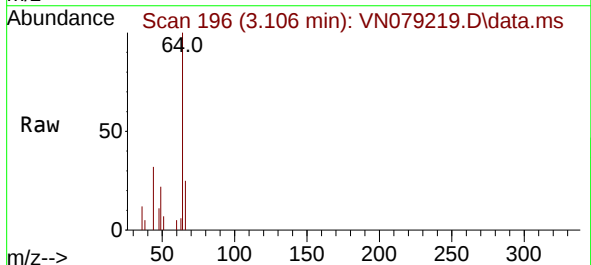
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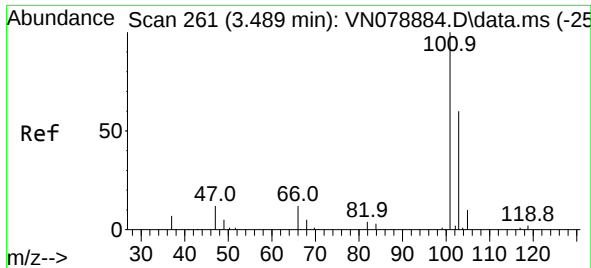
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#6
Chloroethane
Concen: 4.591 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

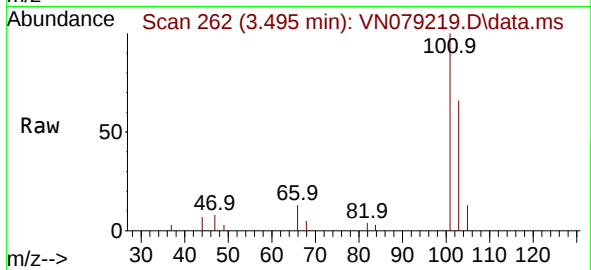
Tgt Ion: 64 Resp: 6734
Ion Ratio Lower Upper
64 100
66 29.3 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 5.190 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN079219.D
 Acq: 11 Sep 2023 15:07

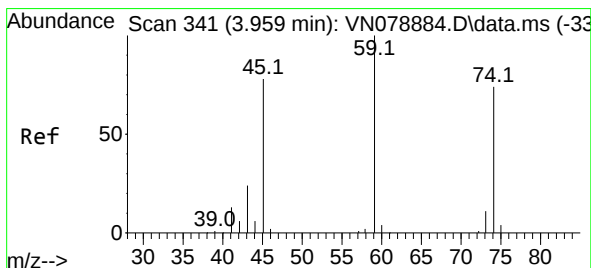
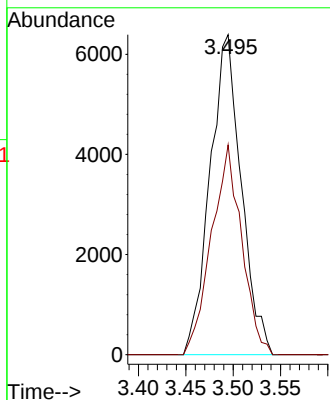
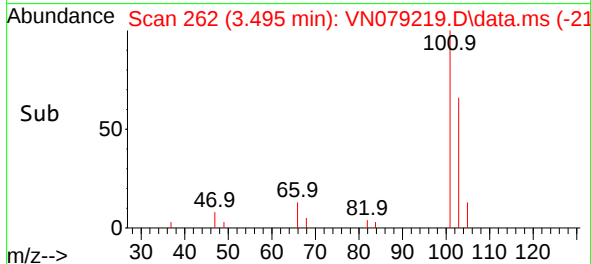
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 1467
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.7 76.1

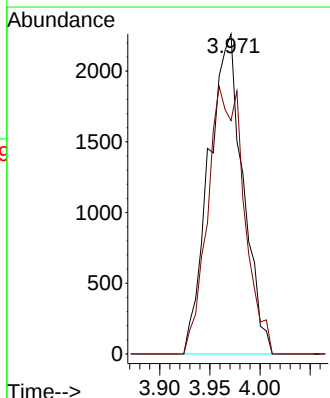
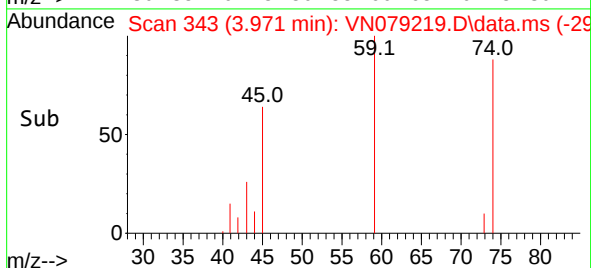
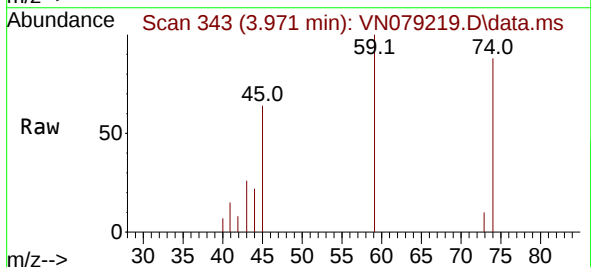
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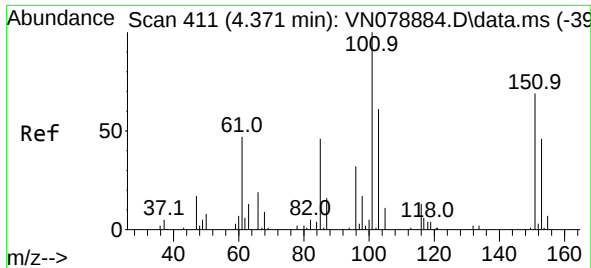
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#8
 Diethyl Ether
 Concen: 5.478 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN079219.D
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Tgt Ion: 74 Resp: 5376
 Ion Ratio Lower Upper
 74 100
 45 88.6 34.4 103.3





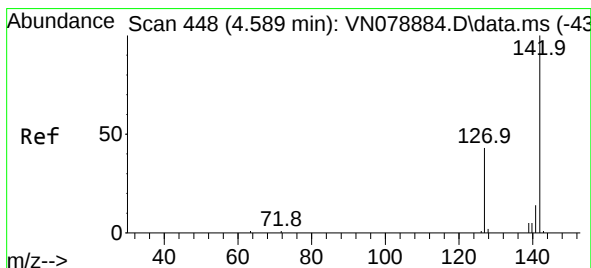
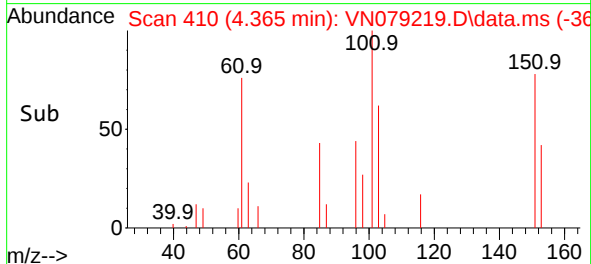
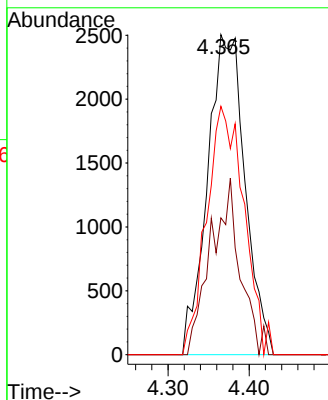
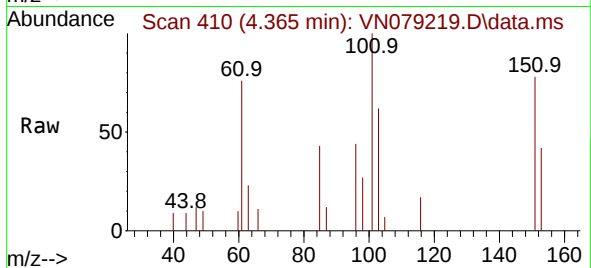
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.352 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

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MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 804
Ion Ratio Lower Upper
101 100
85 43.3 36.6 55.0
151 77.3 57.6 86.4

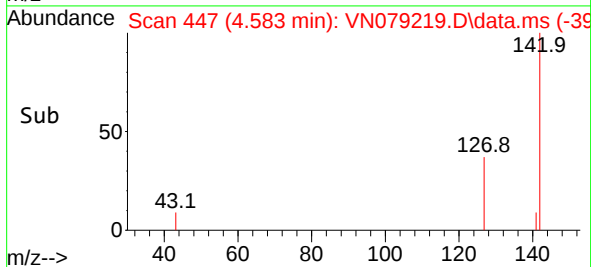
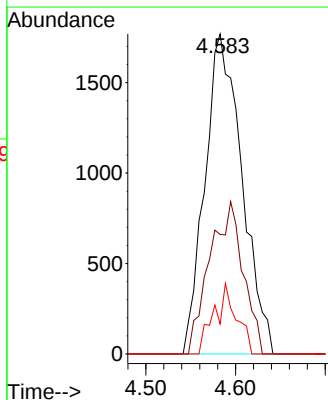
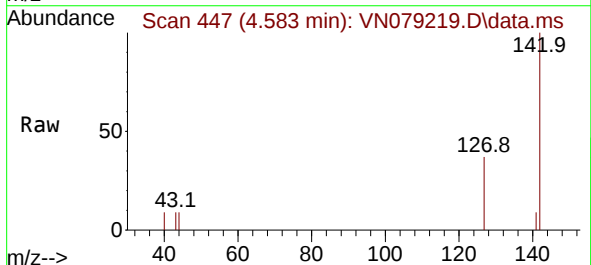
Manual Integrations
APPROVED

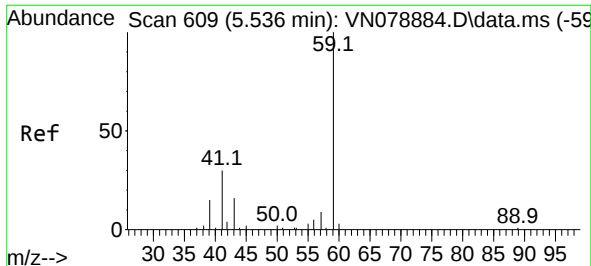
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#10
Methyl Iodide
Concen: 4.117 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.017 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

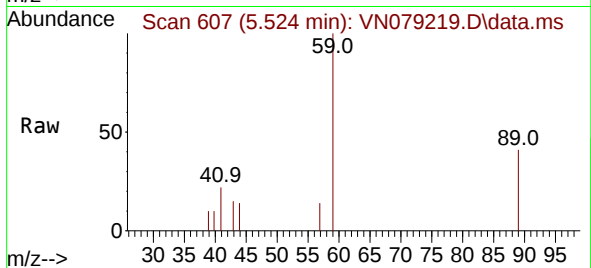
Tgt Ion:142 Resp: 5064
Ion Ratio Lower Upper
142 100
127 37.4 37.6 56.4#
141 9.4 11.4 17.0#





#11
Tert butyl alcohol
Concen: 30.919 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

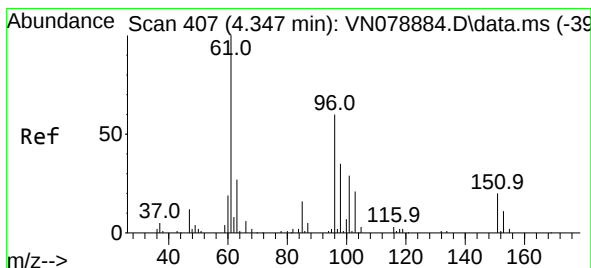
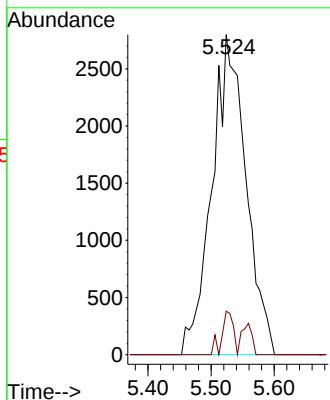
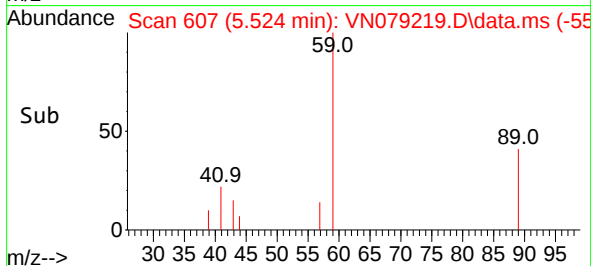
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



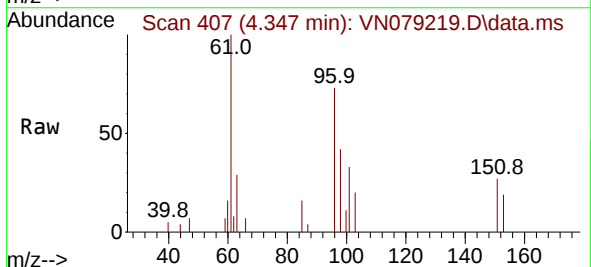
Tgt Ion: 59 Resp: 10512
Ion Ratio Lower Upper
59 100
57 4.5 8.2 12.4

Manual Integrations
APPROVED

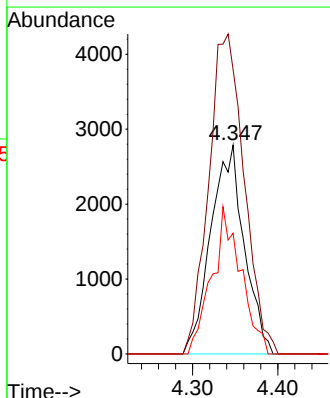
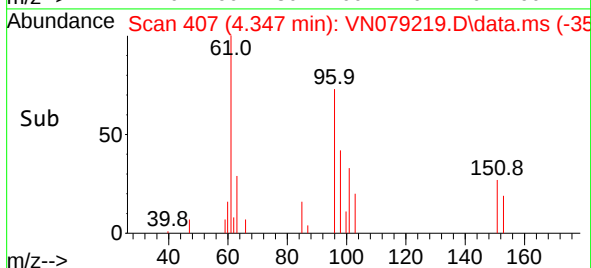
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

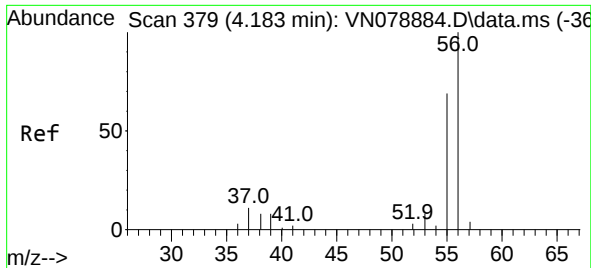


#12
1,1-Dichloroethene
Concen: 5.234 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07



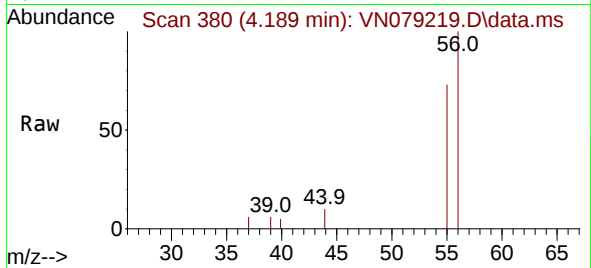
Tgt Ion: 96 Resp: 7615
Ion Ratio Lower Upper
96 100
61 136.2 112.7 169.1
98 57.8 51.2 76.8





#13
Acrolein
Concen: 25.932 ug/l
RT: 4.189 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

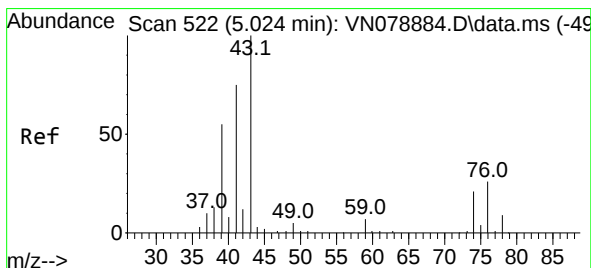
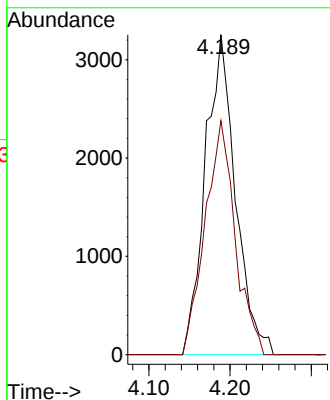
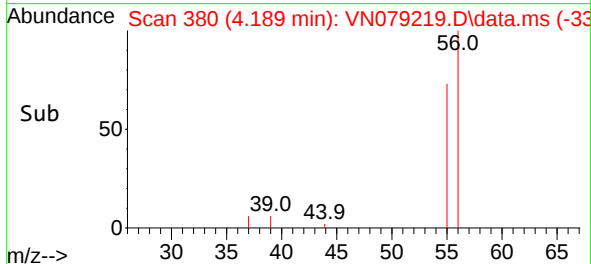
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



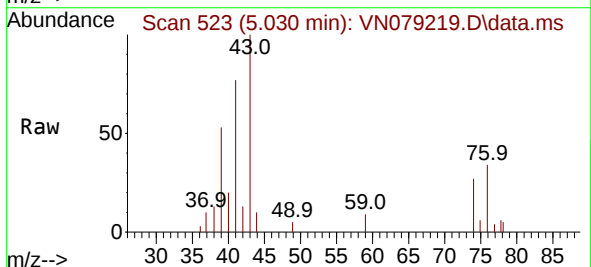
Tgt Ion: 56 Resp: 8410
Ion Ratio Lower Upper
56 100
55 72.8 54.5 81.7

Manual Integrations
APPROVED

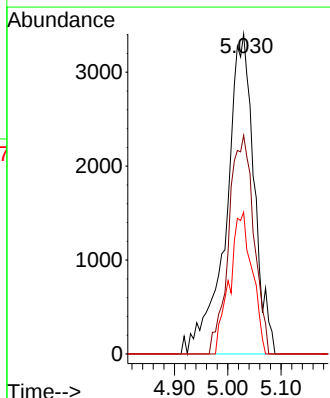
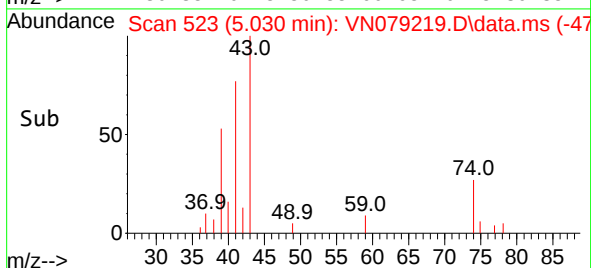
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

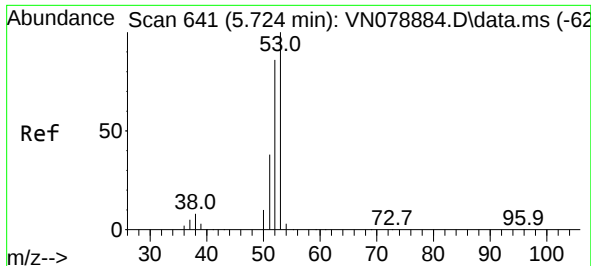


#14
Allyl chloride
Concen: 5.346 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07



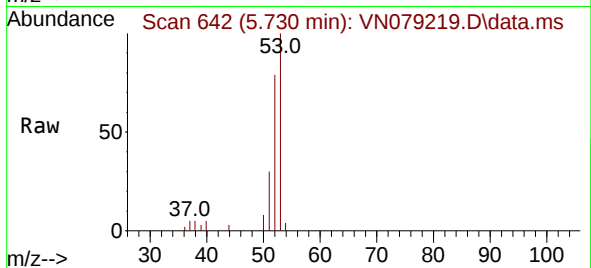
Tgt Ion: 41 Resp: 12409
Ion Ratio Lower Upper
41 100
39 61.4 58.8 88.2
76 35.8 39.1 58.7#





#15
Acrylonitrile
Concen: 25.128 ug/l
RT: 5.730 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

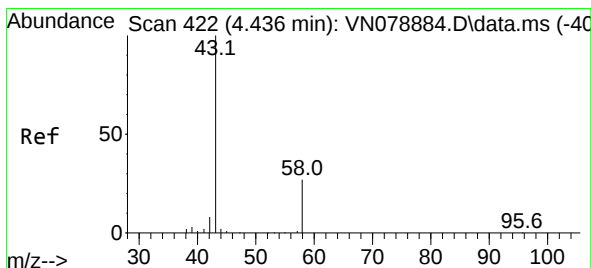
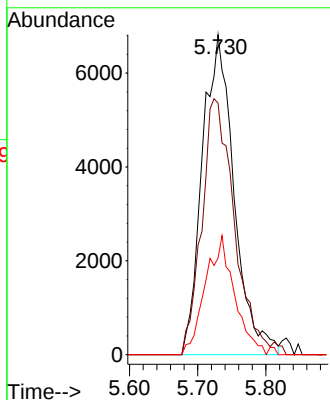
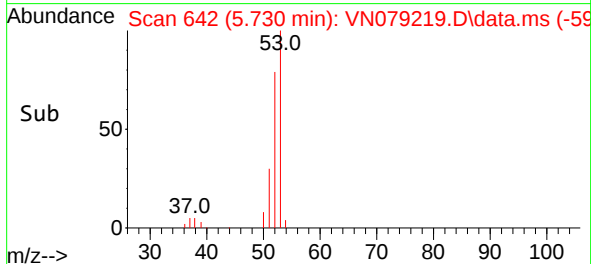
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 22152
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 33.9 28.9 43.3

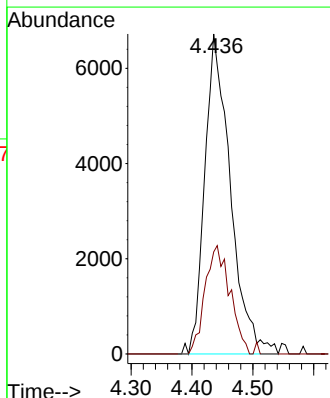
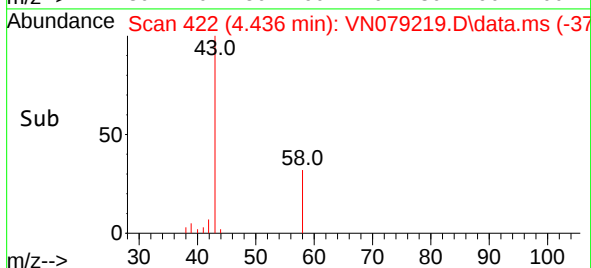
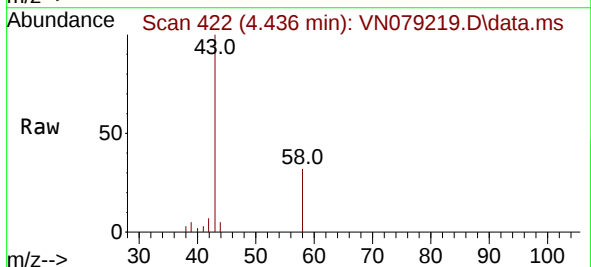
Manual Integrations
APPROVED

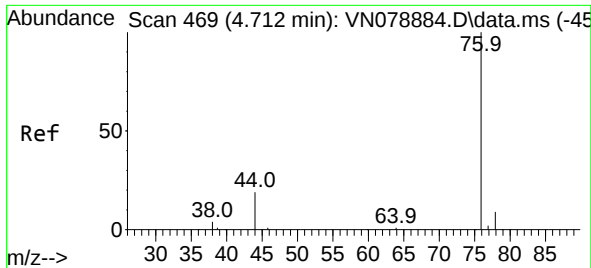
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#16
Acetone
Concen: 25.154 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Tgt Ion: 43 Resp: 19673
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0





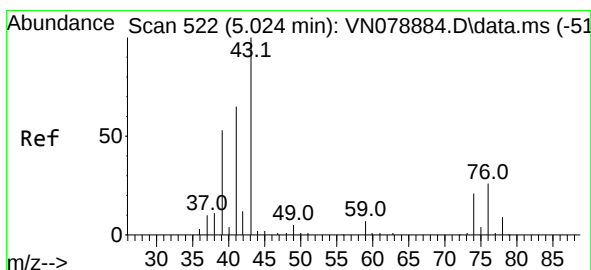
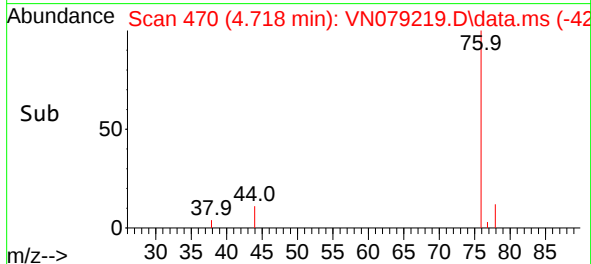
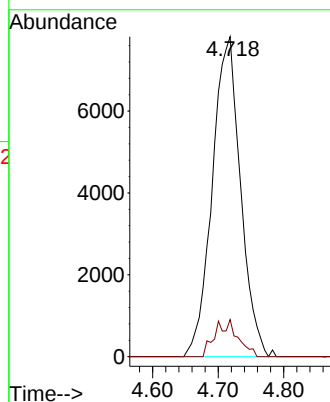
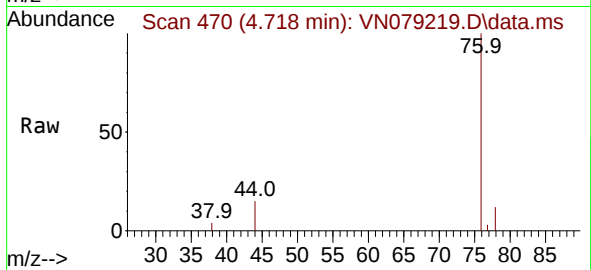
#17
Carbon Disulfide
Concen: 5.148 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 2341
Ion Ratio Lower Upper
76 100
78 11.6 7.4 11.0

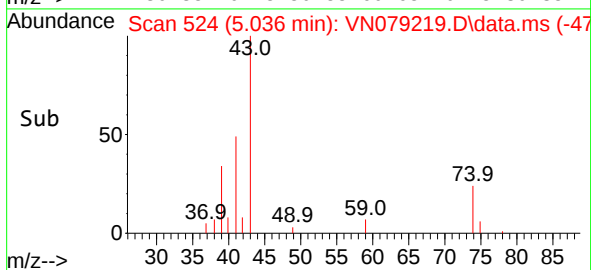
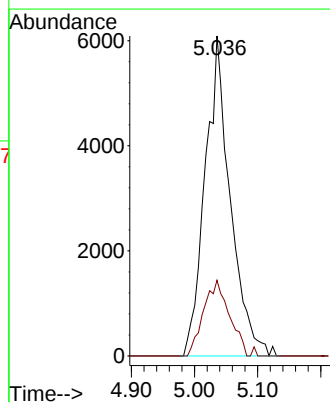
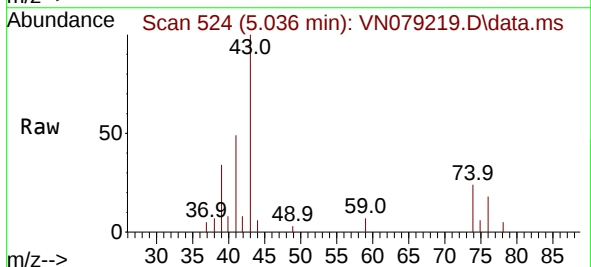
Manual Integrations
APPROVED

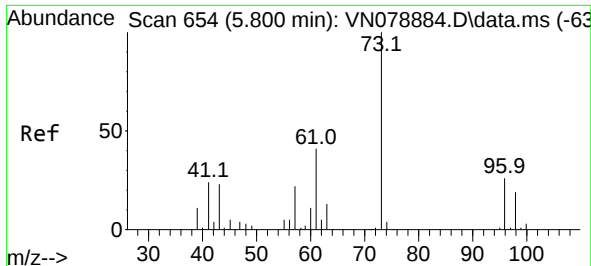
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#18
Methyl Acetate
Concen: 5.250 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Tgt Ion: 43 Resp: 16877
Ion Ratio Lower Upper
43 100
74 24.1 26.2 39.4





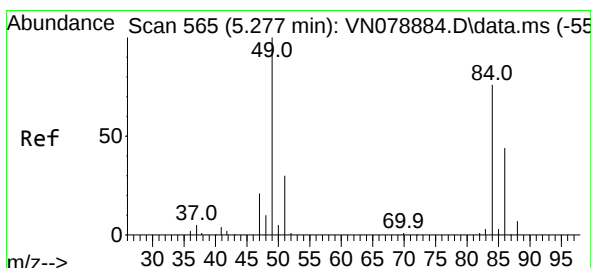
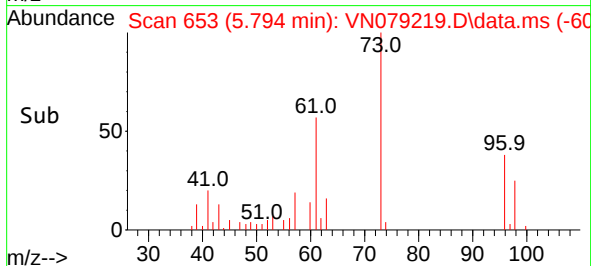
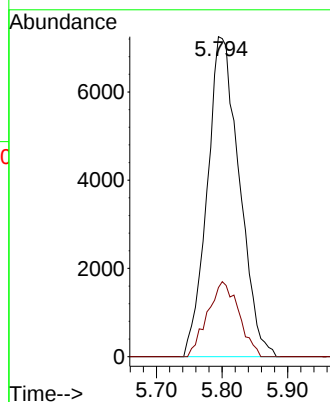
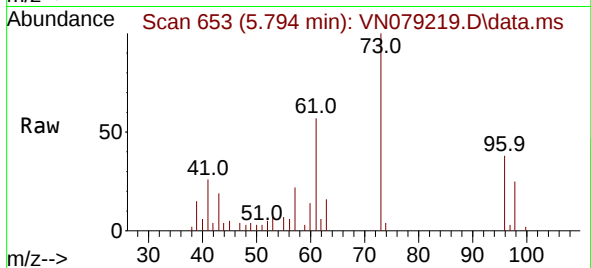
#19
Methyl tert-butyl Ether
Concen: 4.948 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.024 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 2469
Ion Ratio Lower Upper
73 100
57 21.6 15.6 23.4

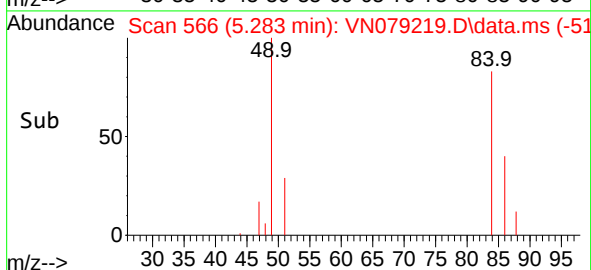
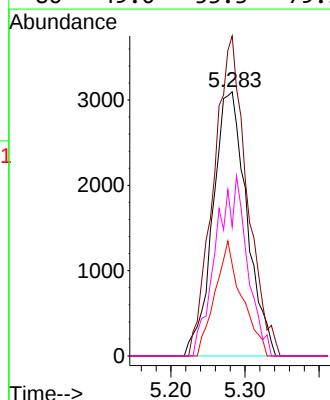
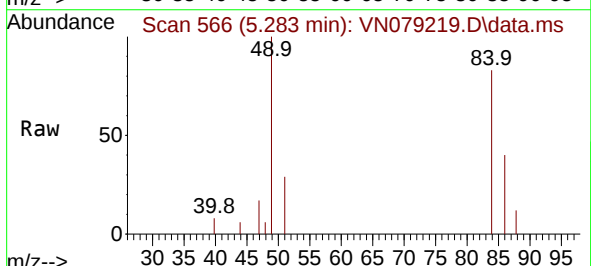
Manual Integrations
APPROVED

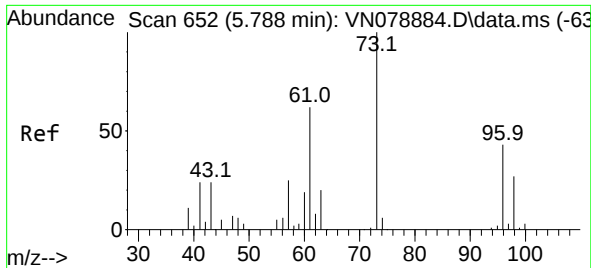
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#20
Methylene Chloride
Concen: 5.163 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Tgt Ion: 84 Resp: 9826
Ion Ratio Lower Upper
84 100
49 121.1 79.7 119.5#
51 34.6 25.2 37.8
86 49.0 53.3 79.9#





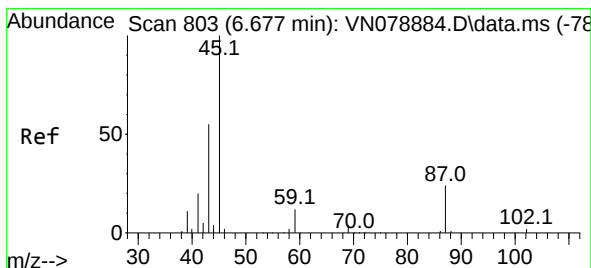
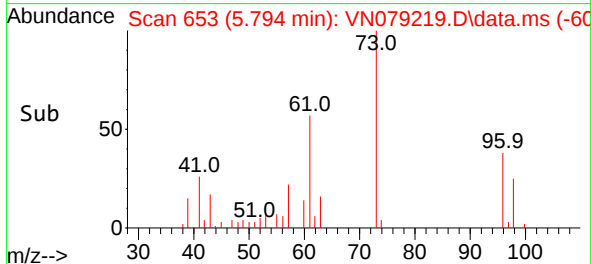
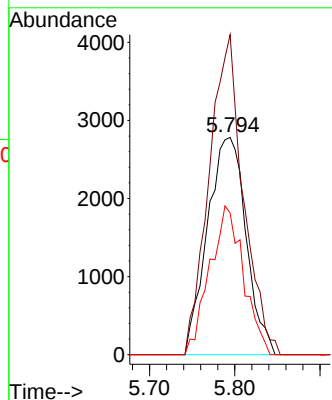
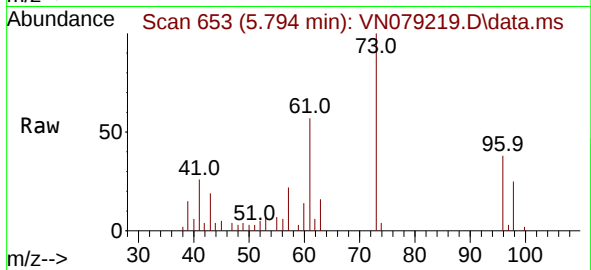
#21
trans-1,2-Dichloroethene
Concen: 5.191 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 8762
Ion Ratio Lower Upper
96 100
61 147.3 90.1 135.1
98 65.2 46.4 69.6

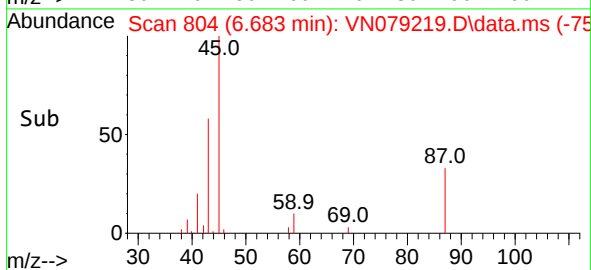
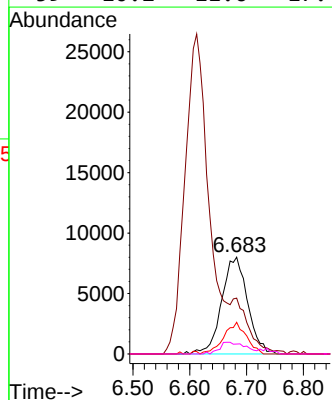
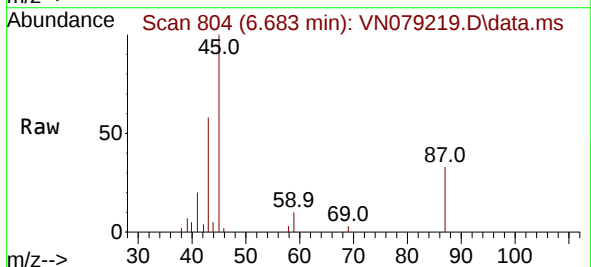
Manual Integrations
APPROVED

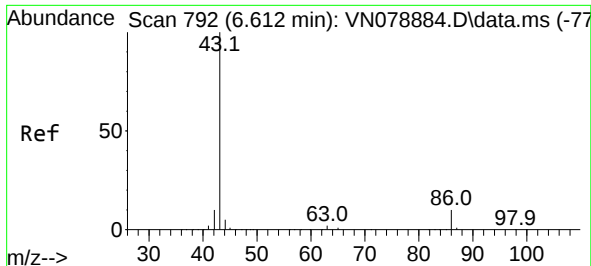
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#22
Diisopropyl ether
Concen: 4.988 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Tgt Ion: 45 Resp: 25401
Ion Ratio Lower Upper
45 100
43 54.4 45.5 68.3
87 32.7 31.8 47.8
59 10.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 23.217 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN079219.D
 Acq: 11 Sep 2023 15:07

Instrument :

MSVOA_N

Client Sample Id :

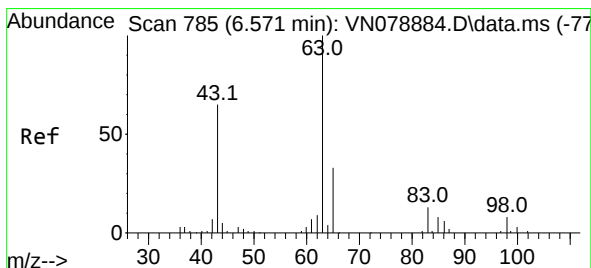
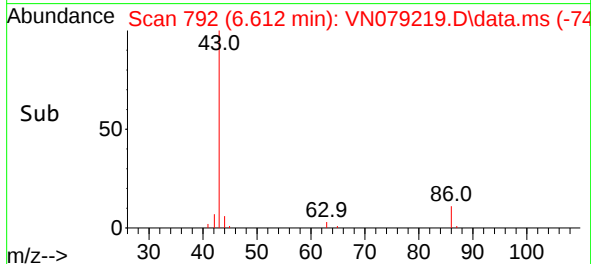
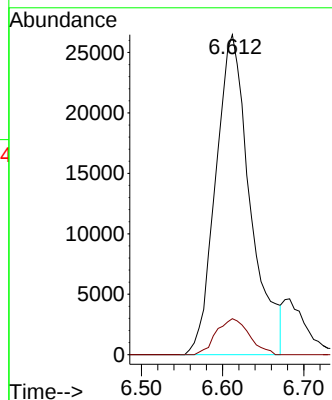
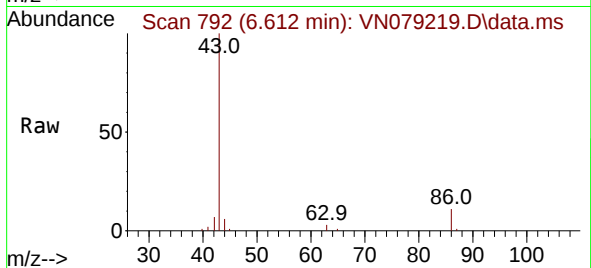
VSTDICC005

Tgt Ion: 43 Resp: 78100
 Ion Ratio Lower Upper
 43 100
 86 11.2 13.0 19.6

Manual Integrations

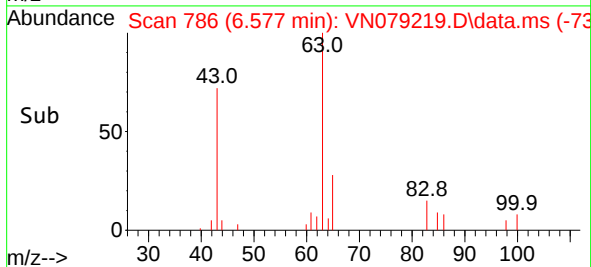
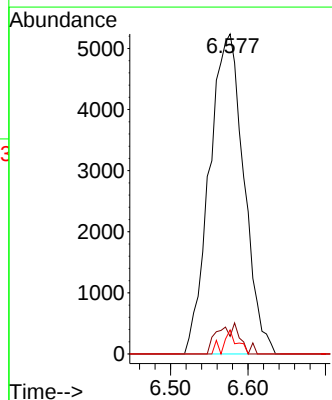
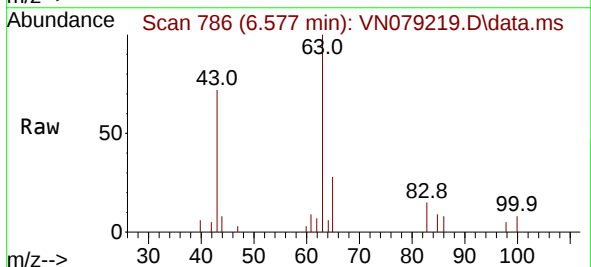
APPROVED

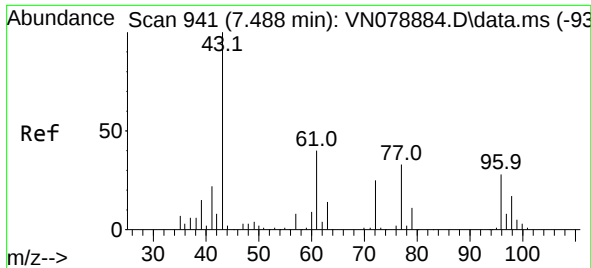
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#24
 1,1-Dichloroethane
 Concen: 5.149 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079219.D
 Acq: 11 Sep 2023 15:07

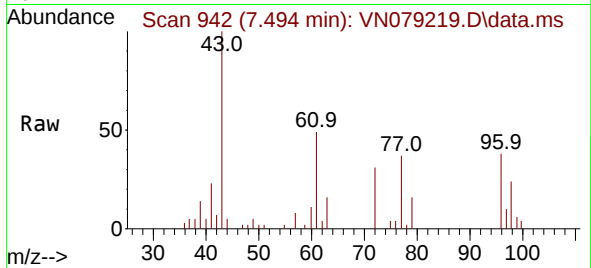
Tgt Ion: 63 Resp: 16163
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.9 11.7
 100 7.5 2.5 7.4





#25
2-Butanone
Concen: 24.846 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

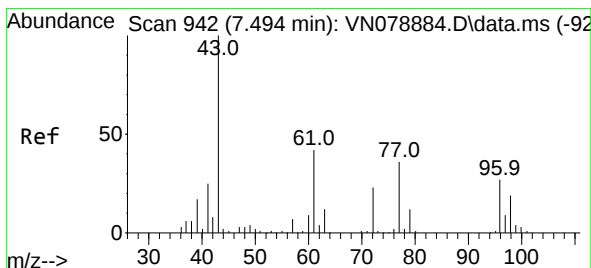
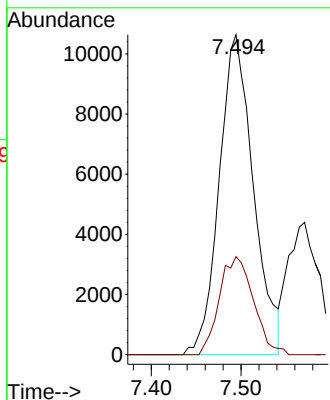
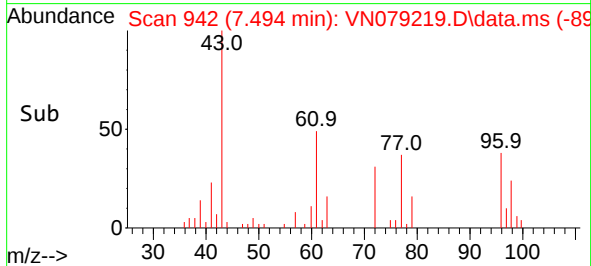
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



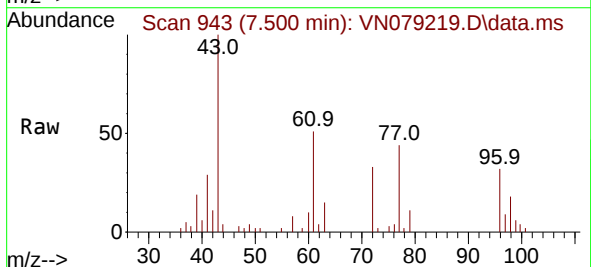
Tgt Ion: 43 Resp: 2819
Ion Ratio Lower Upper
43 100
72 30.7 30.2 45.2

Manual Integrations
APPROVED

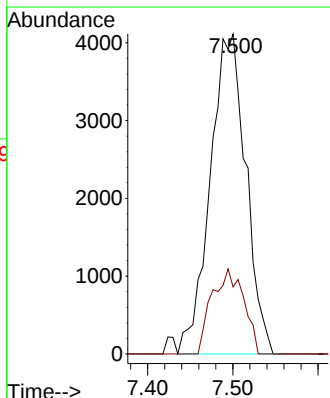
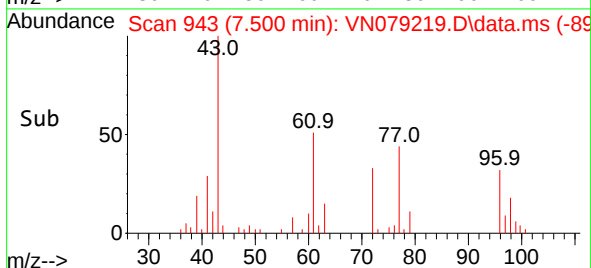
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#26
2,2-Dichloropropane
Concen: 4.498 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07



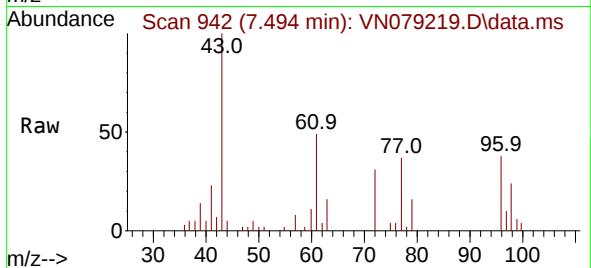
Tgt Ion: 77 Resp: 11946
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 4.767 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079219.D
 Acq: 11 Sep 2023 15:07

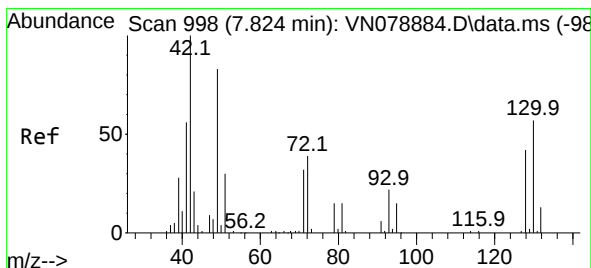
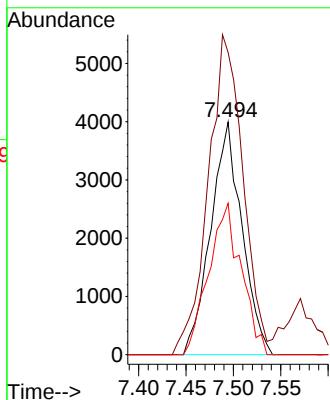
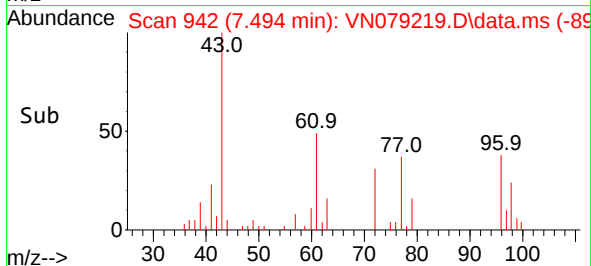
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 9200
 Ion Ratio Lower Upper
 96 100
 61 153.0 0.0 255.2
 98 67.7 0.0 128.8

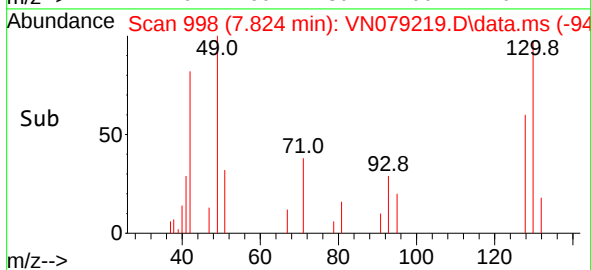
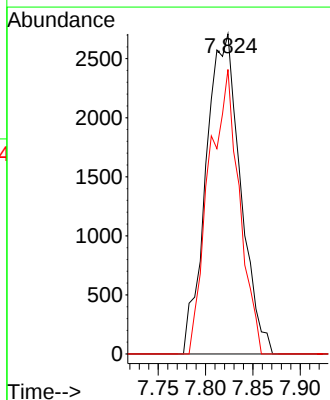
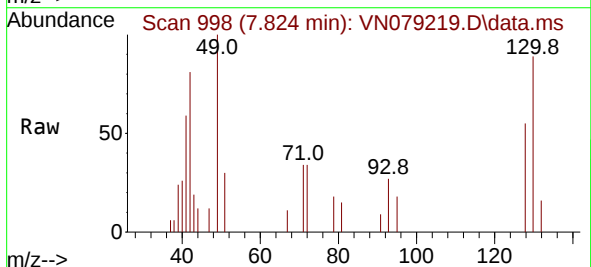
Manual Integrations
 APPROVED

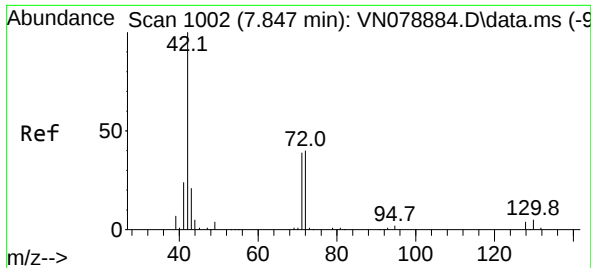
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#28
 Bromochloromethane
 Concen: 4.838 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN079219.D
 Acq: 11 Sep 2023 15:07

Tgt Ion: 49 Resp: 6867
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 78.3 75.3 112.9





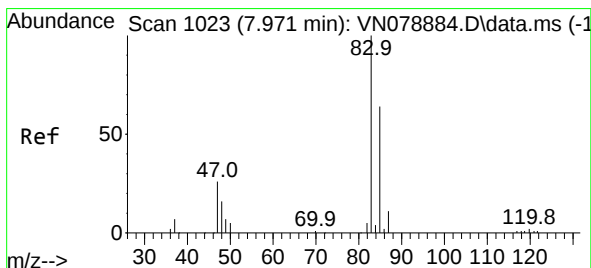
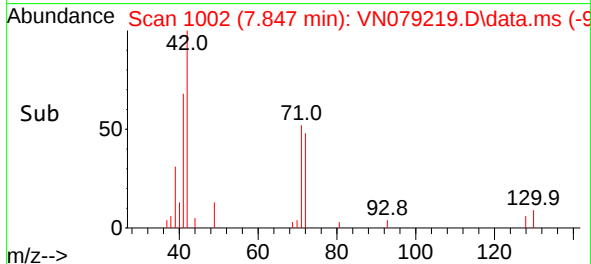
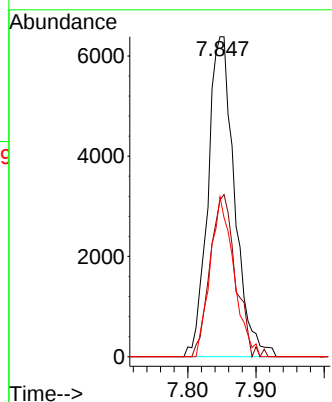
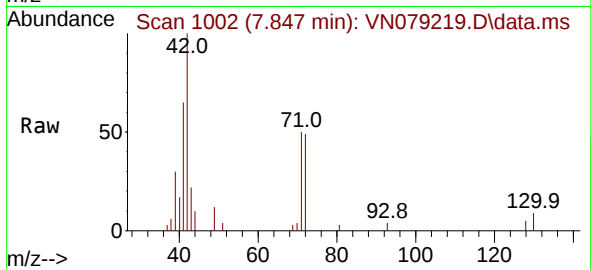
#29
Tetrahydrofuran
Concen: 24.030 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 1735
Ion Ratio Lower Upper
42 100
72 48.5 49.8 74.6
71 44.3 47.4 71.2

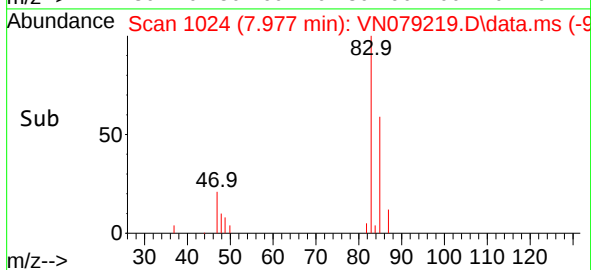
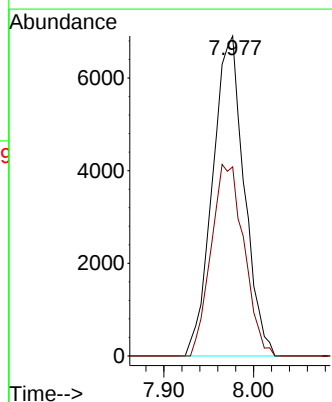
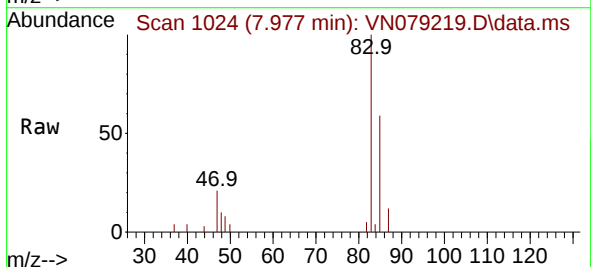
Manual Integrations
APPROVED

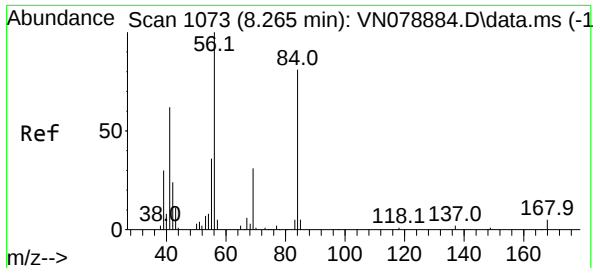
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#30
Chloroform
Concen: 5.168 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

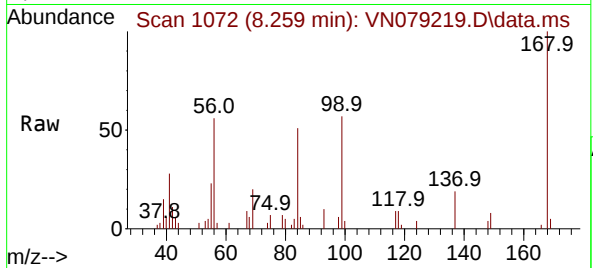
Tgt Ion: 83 Resp: 16893
Ion Ratio Lower Upper
83 100
85 59.1 55.4 83.0





#31
Cyclohexane
Concen: 5.702 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

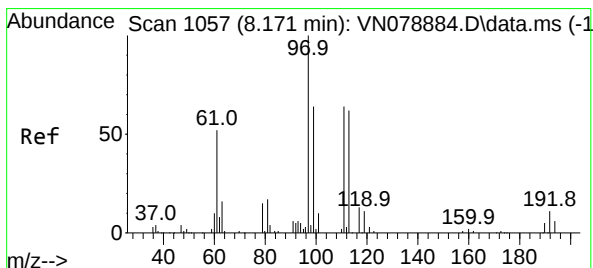
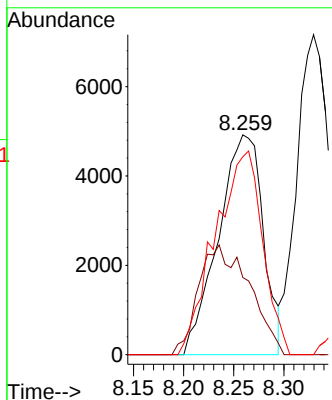
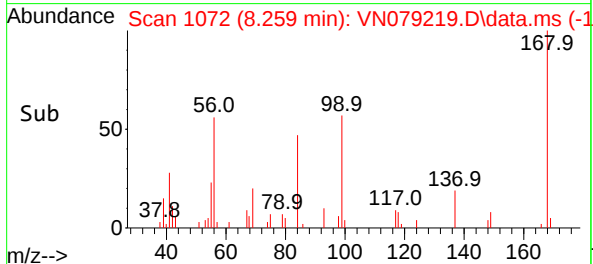
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



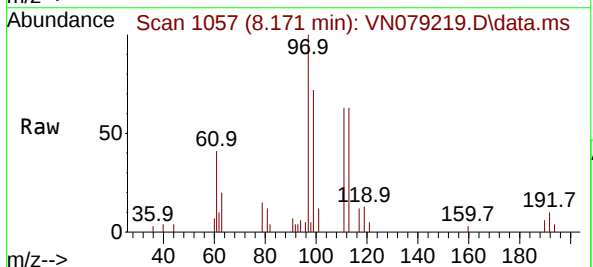
Tgt Ion: 56 Resp: 1533
Ion Ratio Lower Upper
56 100
69 30.3 26.8 40.2
84 90.0 81.8 122.6

Manual Integrations
APPROVED

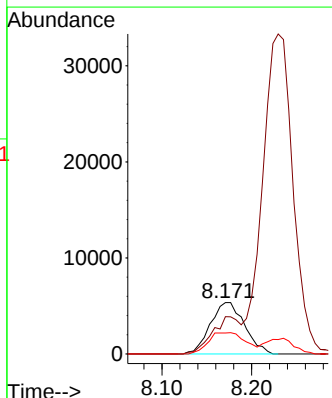
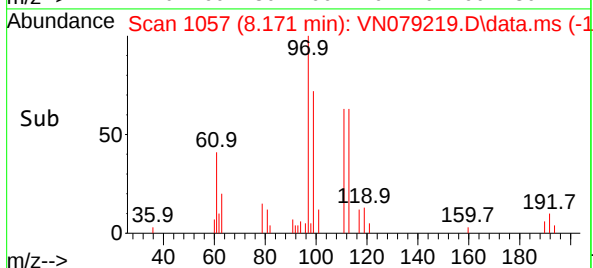
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

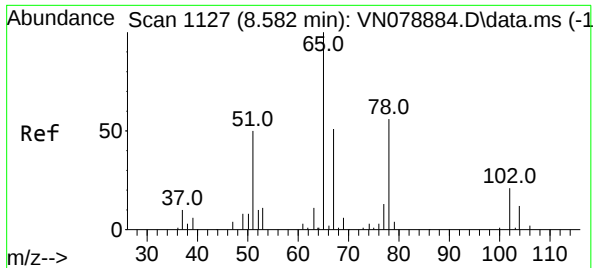


#32
1,1,1-Trichloroethane
Concen: 5.087 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07



Tgt Ion: 97 Resp: 14174
Ion Ratio Lower Upper
97 100
99 59.3 50.3 75.5
61 45.2 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 5.573 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Instrument :

MSVOA_N

ClientSampleId :

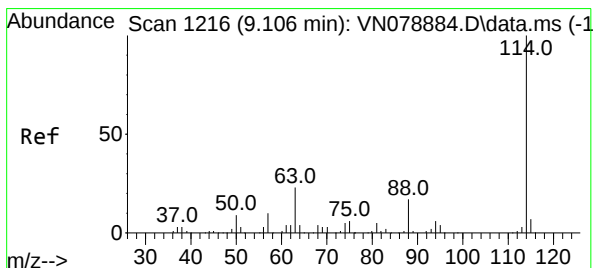
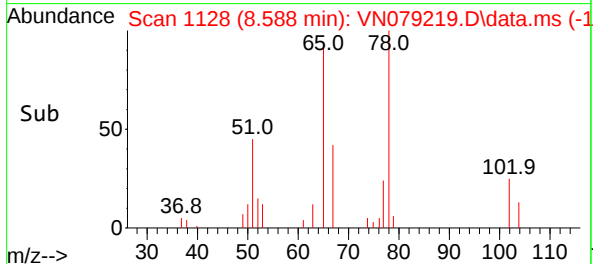
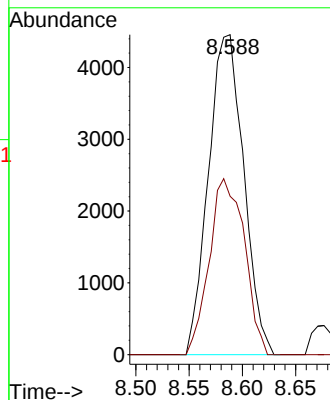
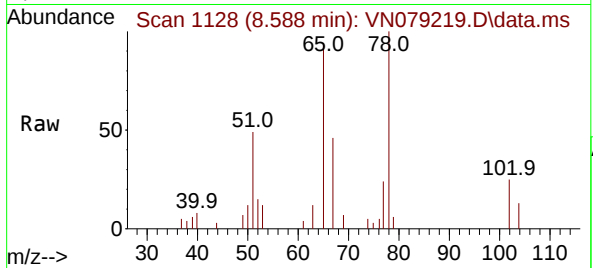
VSTDIC005

Tgt Ion: 65 Resp: 1026
Ion Ratio Lower Upper
65 100
67 54.8 0.0 106.6

Manual Integrations

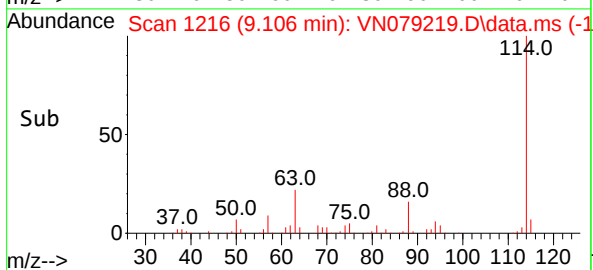
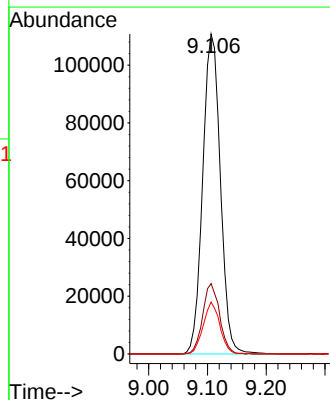
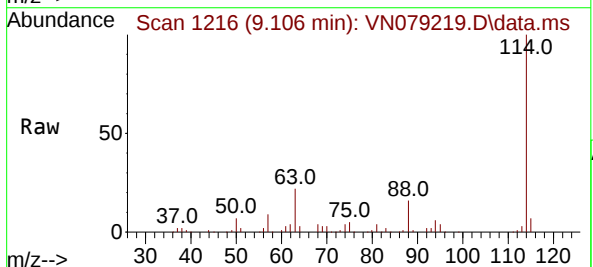
APPROVED

Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Tgt Ion:114 Resp: 232037
Ion Ratio Lower Upper
114 100
63 22.0 0.0 36.4
88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 5.418 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

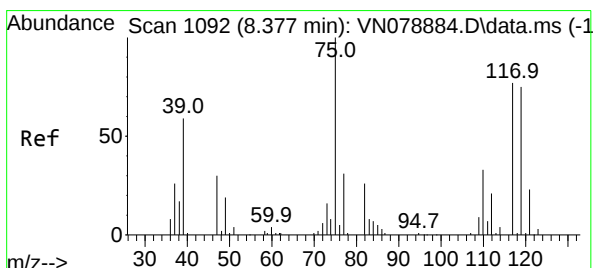
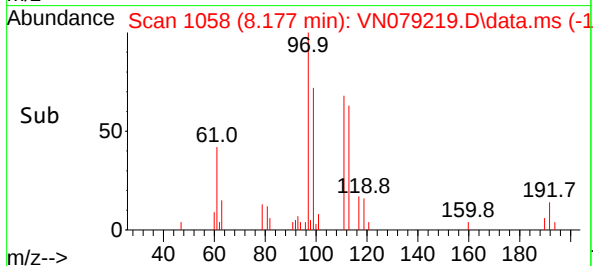
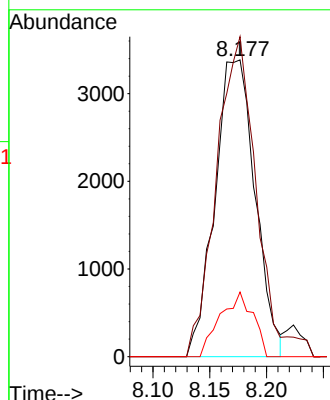
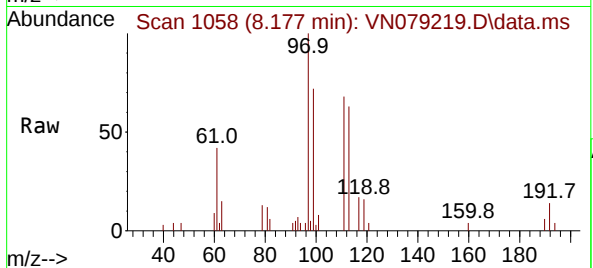
Tgt Ion:	113	Resp:	836
Ion Ratio	Lower	Upper	
113	100		
111	106.9	82.6	123.8
192	17.6	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#36

1,1-Dichloropropene

Concen: 4.820 ug/l

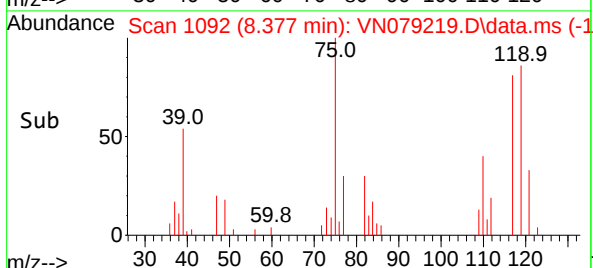
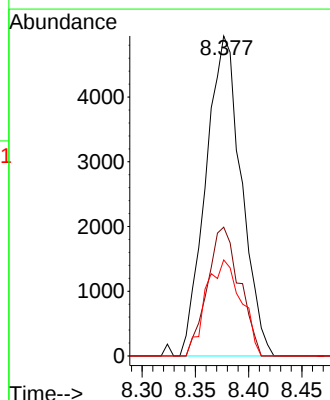
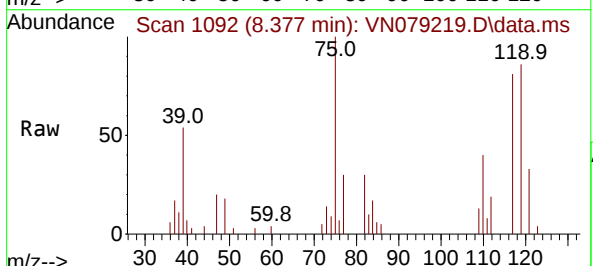
RT: 8.377 min Scan# 1092

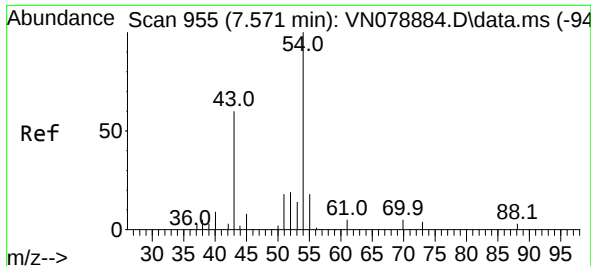
Delta R.T. -0.000 min

Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

Tgt Ion:	75	Resp:	11468
Ion Ratio	Lower	Upper	
75	100		
110	36.6	19.1	57.3
77	29.7	25.0	37.4





#37

Ethyl Acetate

Concen: 4.871 ug/l m

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

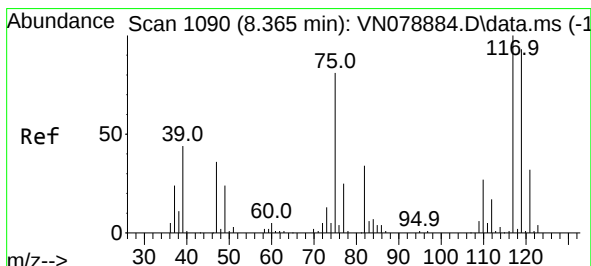
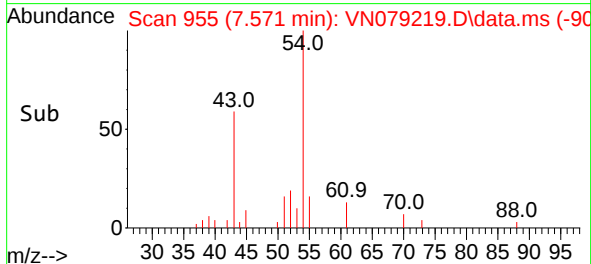
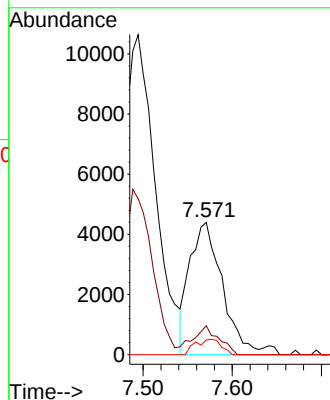
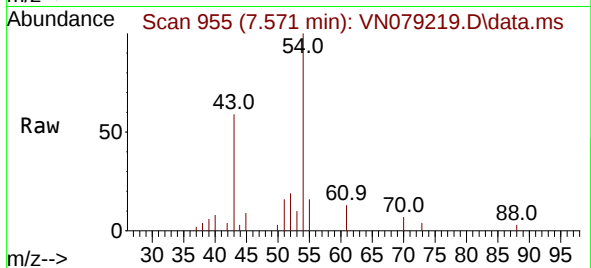
Tgt Ion: 43	Resp: 11400
Ion Ratio	Lower Upper
43 100	
61 16.8	13.2 19.8
70 9.0	11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#38

Carbon Tetrachloride

Concen: 4.924 ug/l

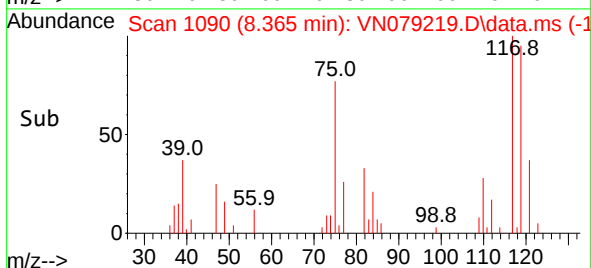
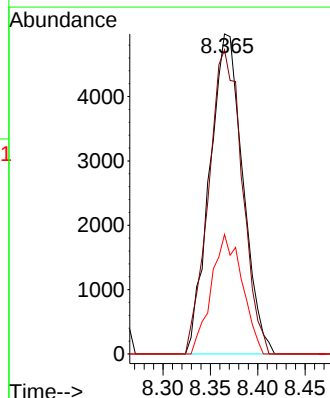
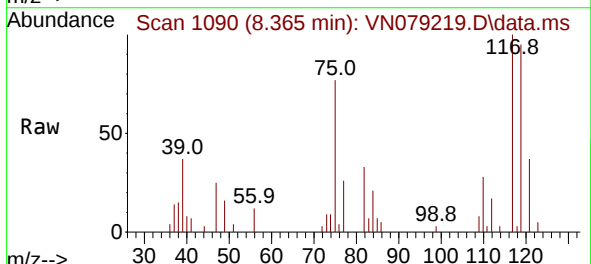
RT: 8.365 min Scan# 1090

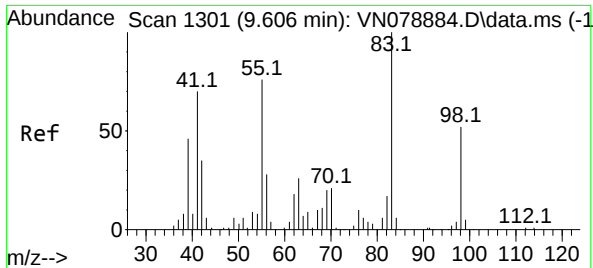
Delta R.T. -0.006 min

Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

Tgt Ion: 117	Resp: 12123
Ion Ratio	Lower Upper
117 100	
119 95.1	77.3 115.9
121 37.4	23.3 34.9





#39

Methylcyclohexane

Concen: 5.082 ug/l

RT: 9.606 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

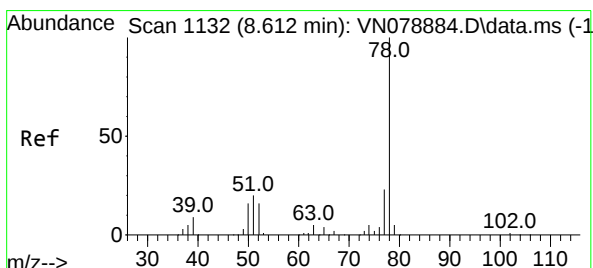
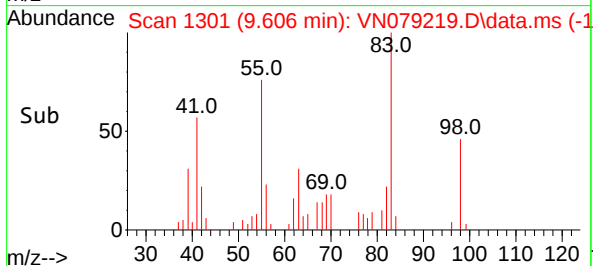
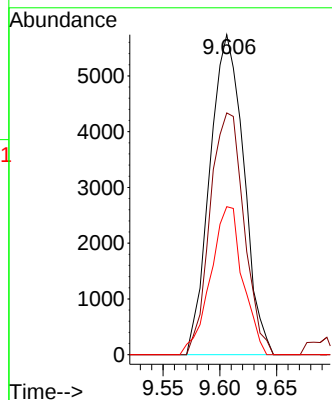
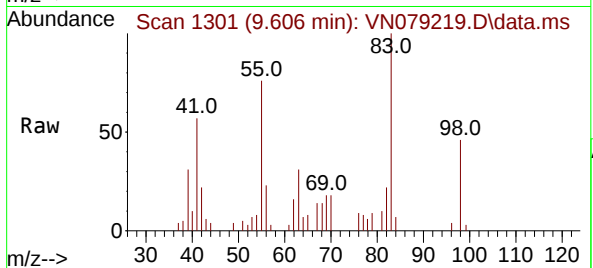
Tgt Ion:	83	Resp:	1192
Ion	Ratio	Lower	Upper
83	100		
55	75.5	49.1	73.7
98	46.2	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#40

Benzene

Concen: 4.988 ug/l

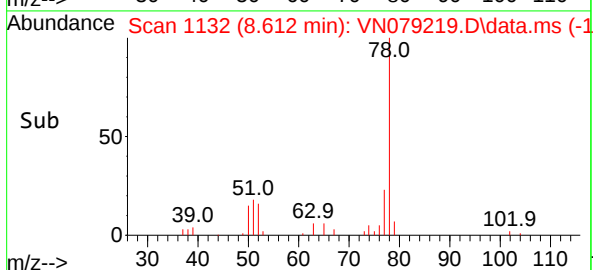
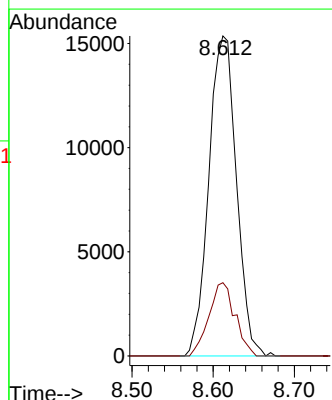
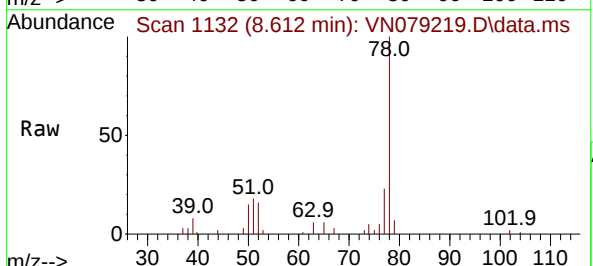
RT: 8.612 min Scan# 1132

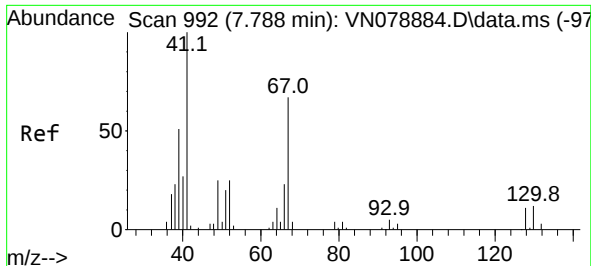
Delta R.T. -0.000 min

Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

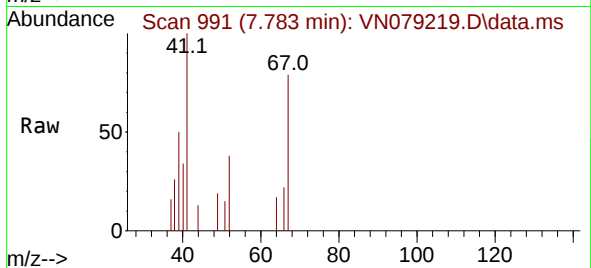
Tgt Ion:	78	Resp:	36328
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.6





#41
Methacrylonitrile
Concen: 4.845 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

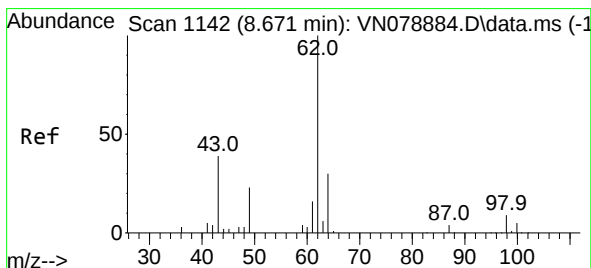
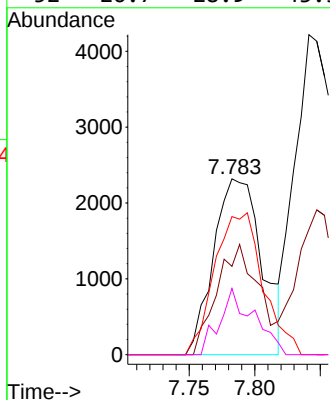
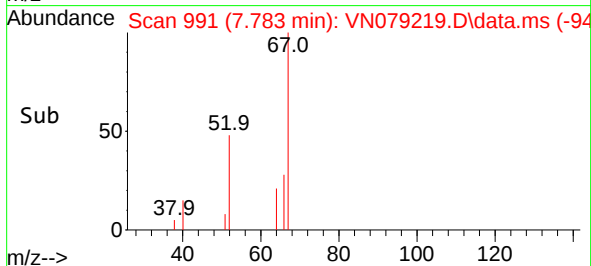
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:	41	Resp:	594
Ion Ratio	100	Lower	Upper
39	52.7	42.6	64.0
67	80.5	77.5	116.3
52	26.7	28.9	43.3

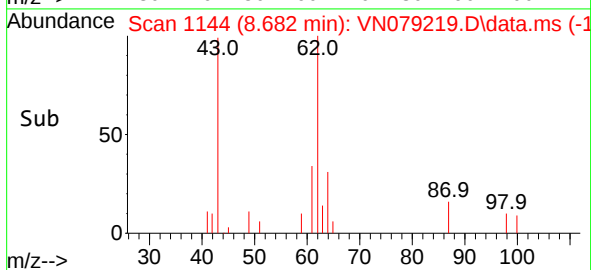
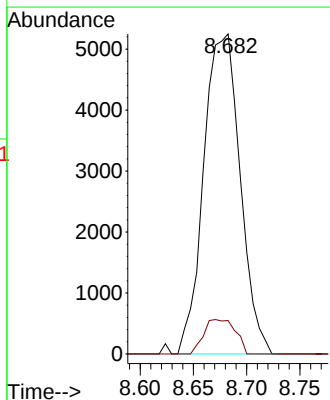
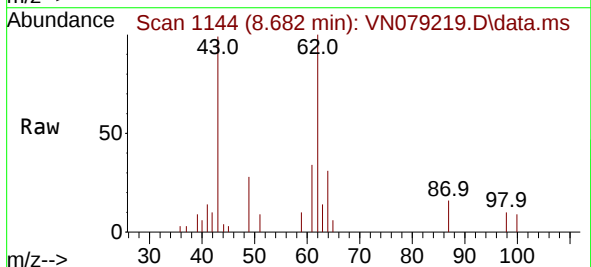
Manual Integrations
APPROVED

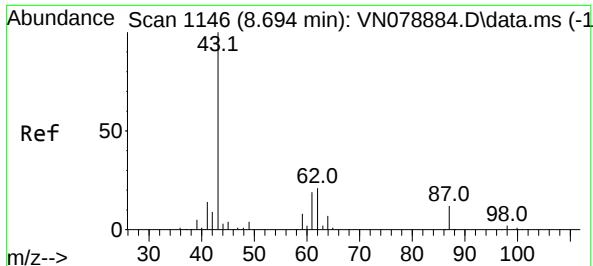
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#42
1,2-Dichloroethane
Concen: 4.985 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Tgt Ion:	62	Resp:	12499
Ion Ratio	100	Lower	Upper
98	9.3	0.0	19.8





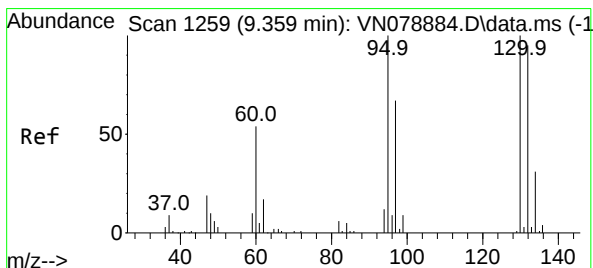
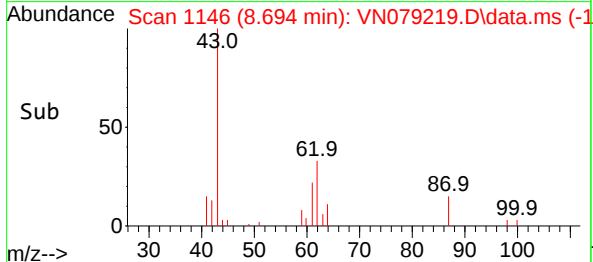
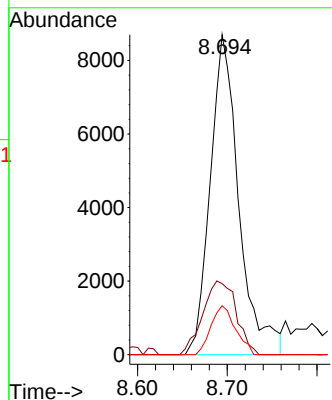
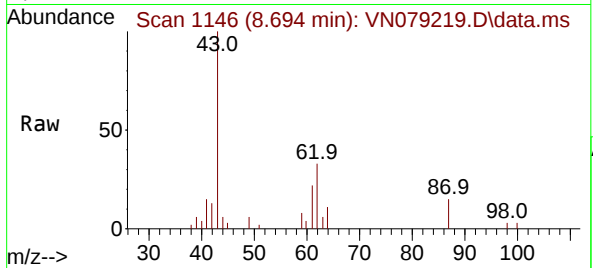
#43
Isopropyl Acetate
Concen: 4.970 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 1924
Ion Ratio Lower Upper
43 100
61 27.0 24.7 37.1
87 13.1 14.6 21.8

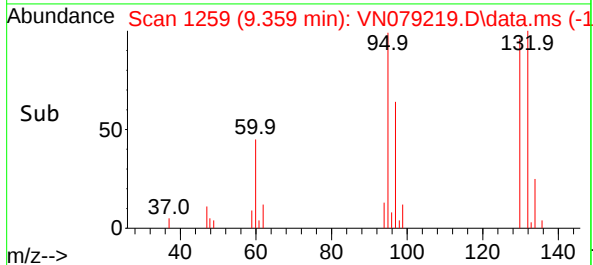
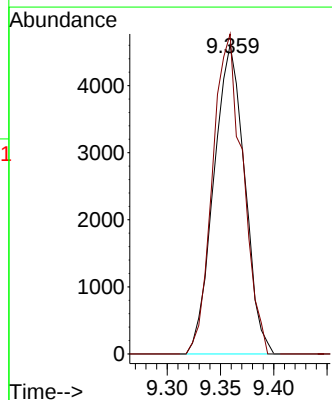
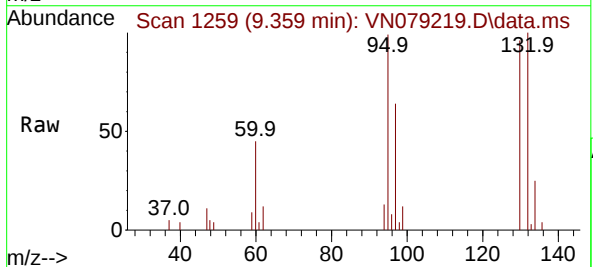
Manual Integrations
APPROVED

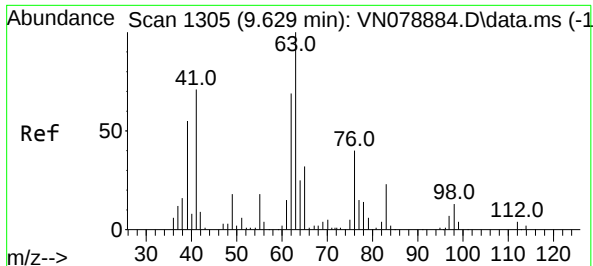
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#44
Trichloroethene
Concen: 5.181 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Tgt Ion:130 Resp: 9295
Ion Ratio Lower Upper
130 100
95 103.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 5.093 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 920

Ion Ratio Lower Upper

63 100

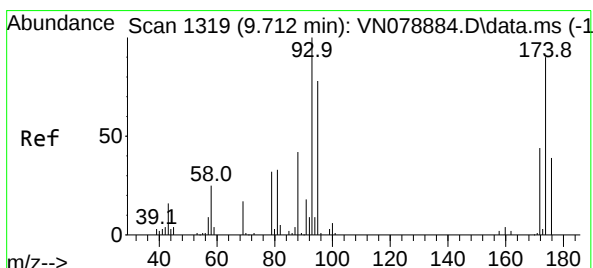
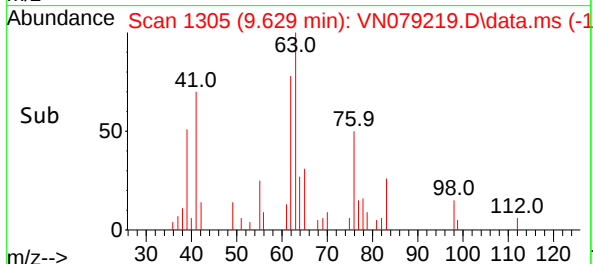
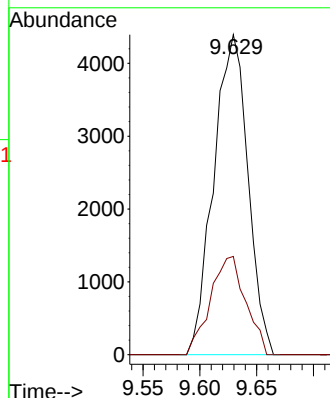
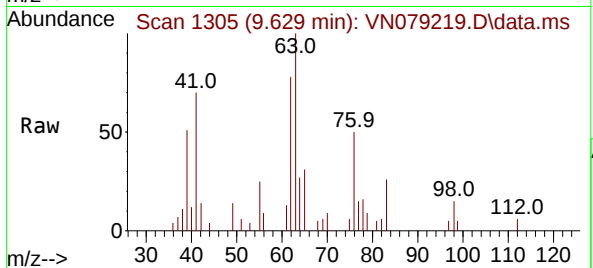
65 30.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#46

Dibromomethane

Concen: 4.998 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

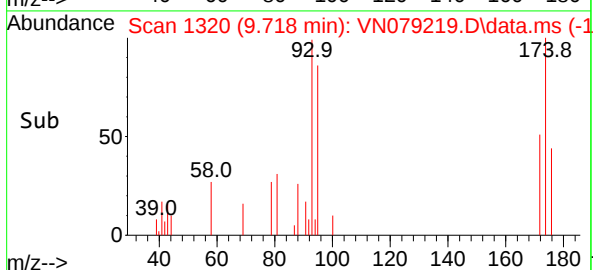
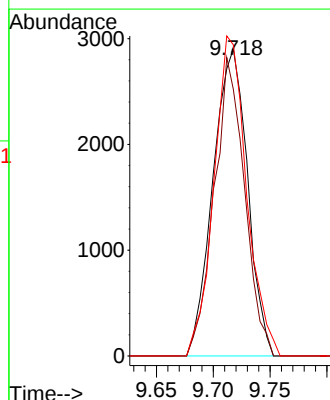
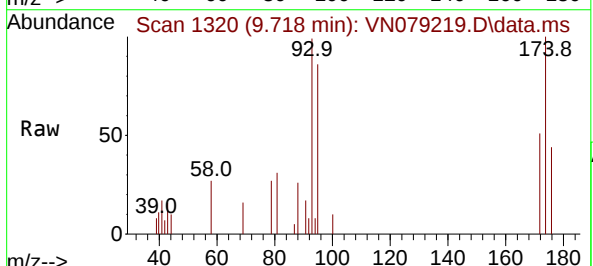
Tgt Ion: 93 Resp: 6132

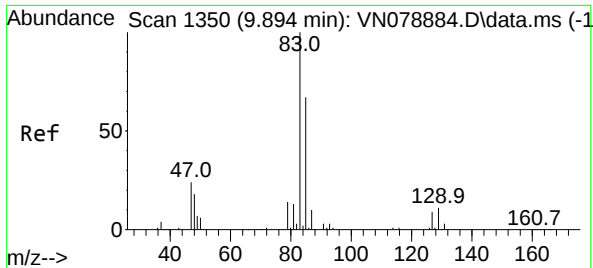
Ion Ratio Lower Upper

93 100

95 85.9 63.8 95.8

174 98.8 65.6 98.4





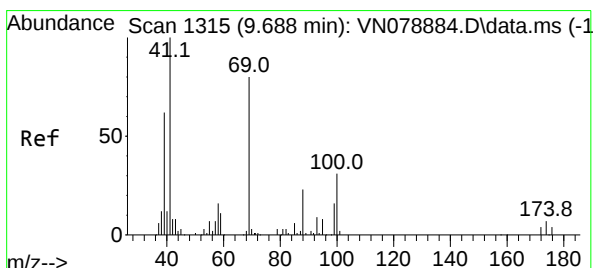
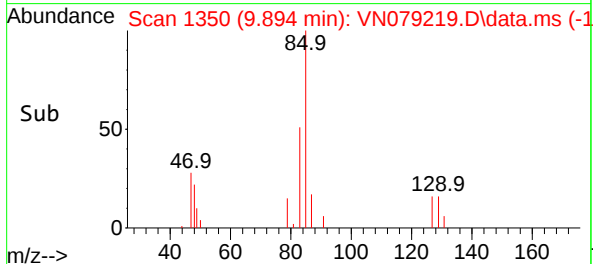
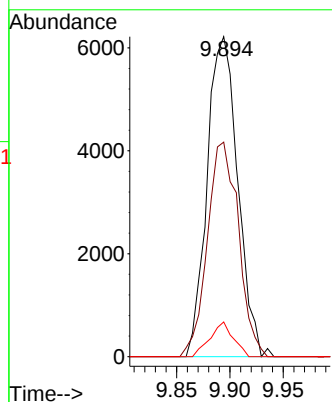
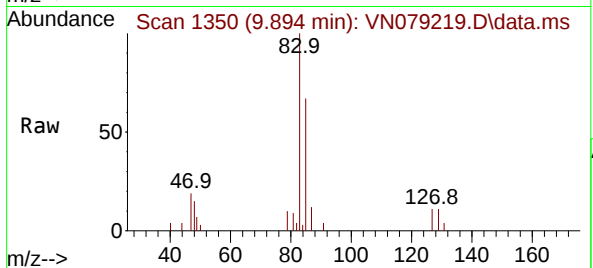
#47
Bromodichloromethane
Concen: 4.942 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 12419
Ion Ratio Lower Upper
83 100
85 67.1 49.6 74.4
127 10.8 7.0 10.6

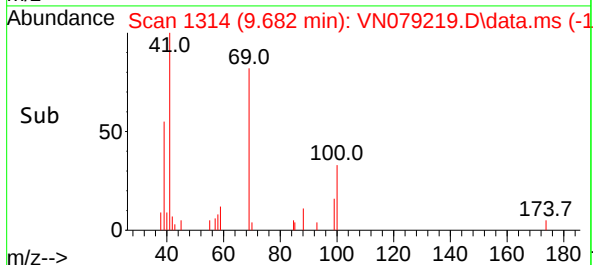
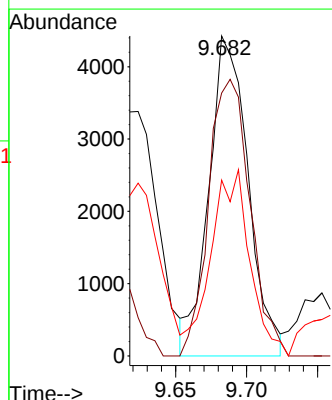
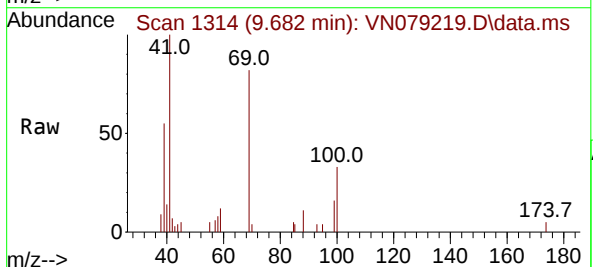
Manual Integrations
APPROVED

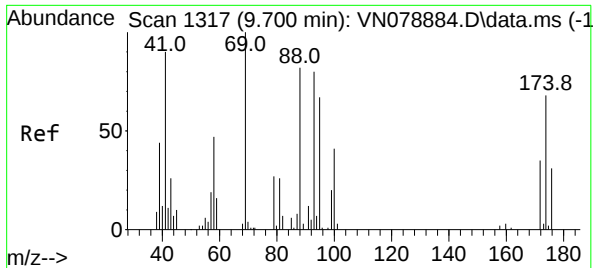
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#48
Methyl methacrylate
Concen: 4.900 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Tgt Ion: 41 Resp: 8498
Ion Ratio Lower Upper
41 100
69 91.2 90.4 135.6
39 57.7 54.6 81.8





#49

1,4-Dioxane

Concen: 96.632 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 344

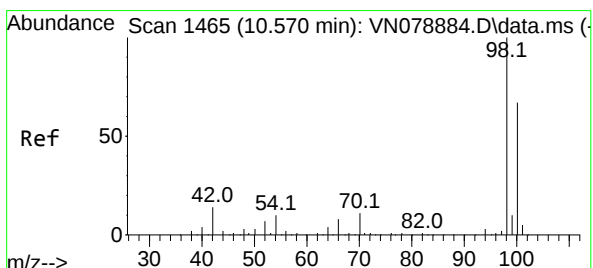
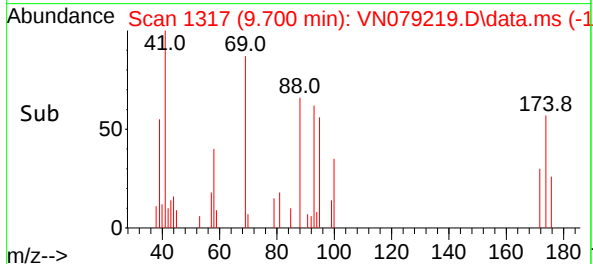
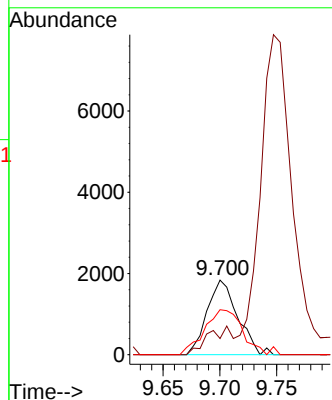
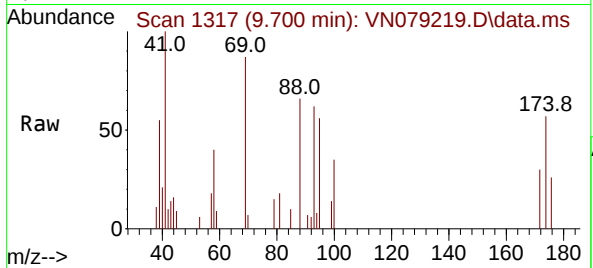
Ion	Ratio	Lower	Upper
88	100		
43	18.6	17.0	25.6
58	75.6	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#50

Toluene-d8

Concen: 5.348 ug/l

RT: 10.571 min Scan# 1465

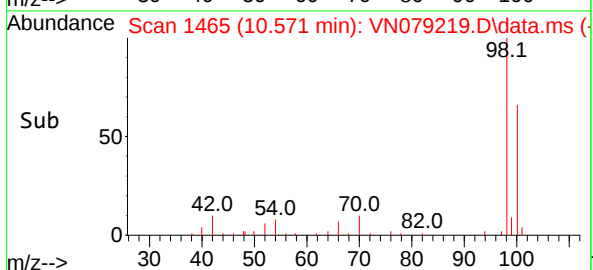
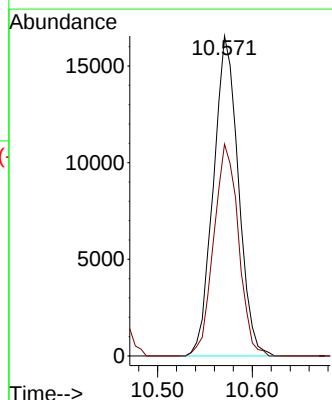
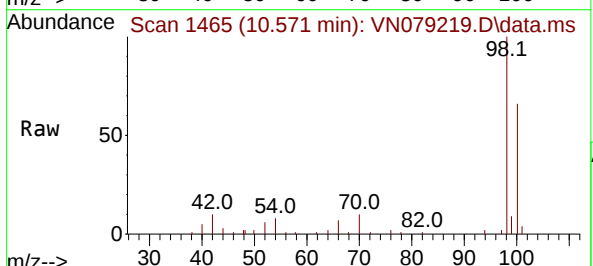
Delta R.T. -0.000 min

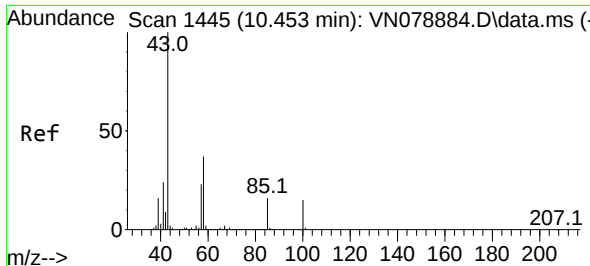
Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

Tgt Ion: 98 Resp: 30307

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.0	78.0





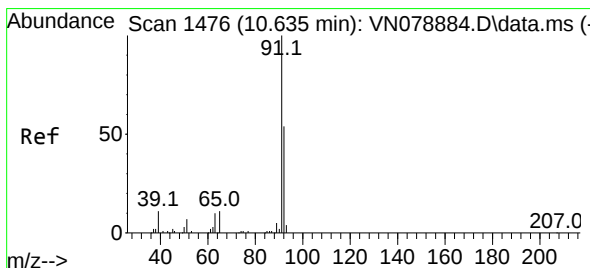
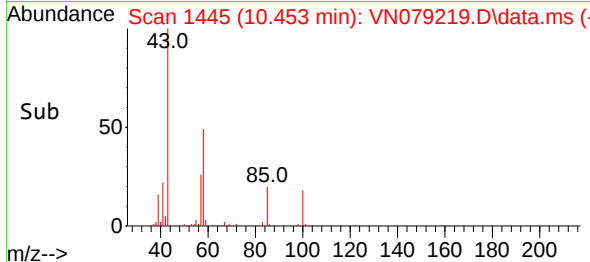
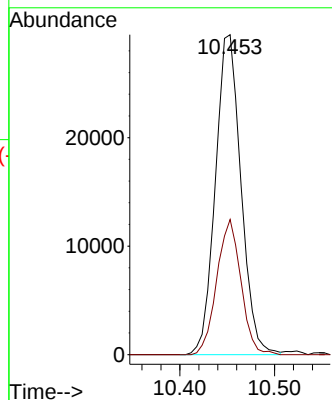
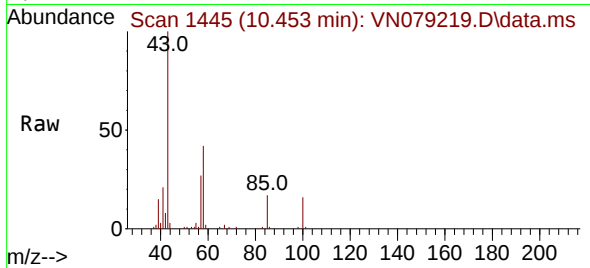
#51
4-Methyl-2-Pentanone
Concen: 24.615 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 55329
Ion Ratio Lower Upper
43 100
58 39.9 36.6 54.8

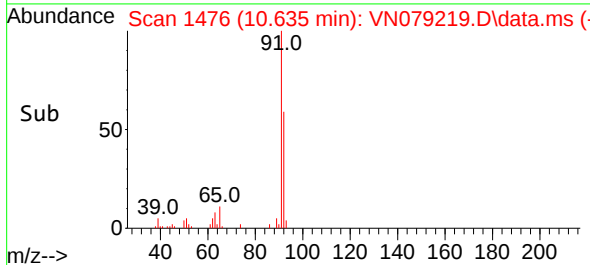
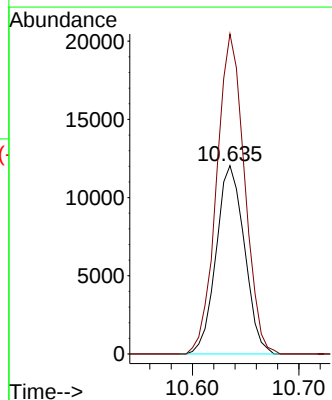
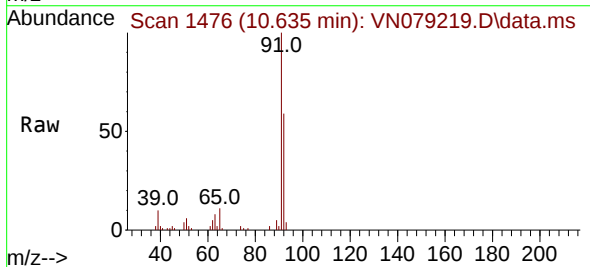
Manual Integrations
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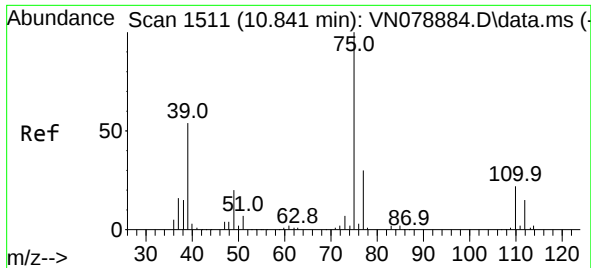
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#52
Toluene
Concen: 4.957 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

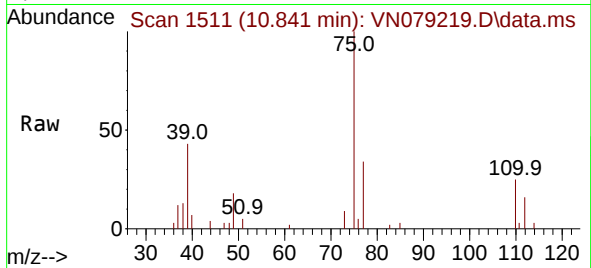
Tgt Ion: 92 Resp: 22188
Ion Ratio Lower Upper
92 100
91 168.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 4.947 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

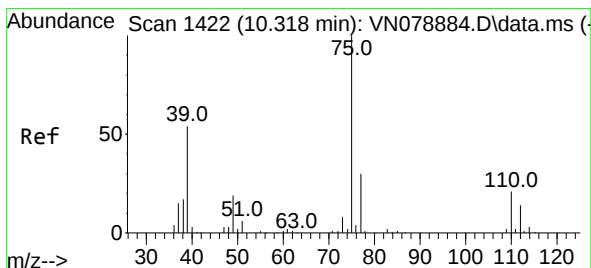
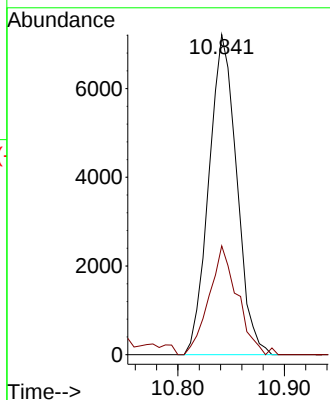
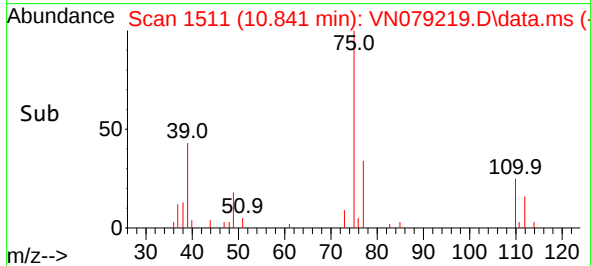
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 13108
Ion Ratio Lower Upper
75 100
77 34.0 25.4 38.0

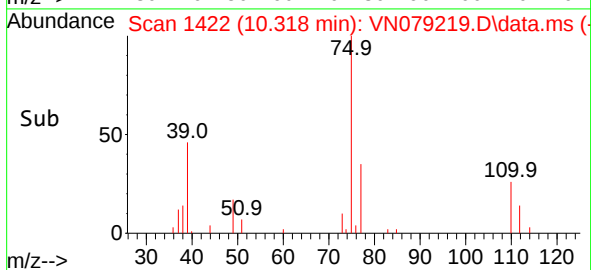
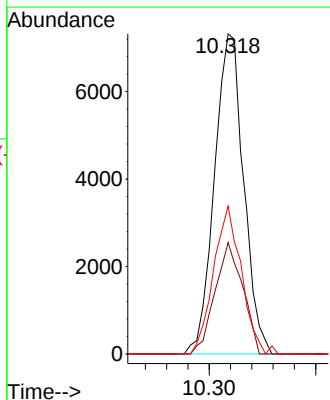
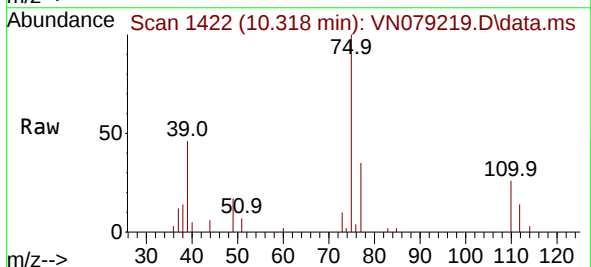
Manual Integrations
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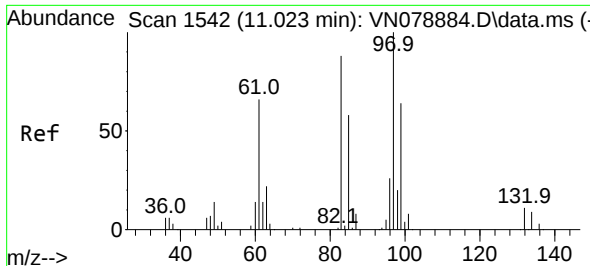
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#54
cis-1,3-Dichloropropene
Concen: 4.909 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Tgt Ion: 75 Resp: 13914
Ion Ratio Lower Upper
75 100
77 34.8 26.1 39.1
39 46.2 31.6 47.4





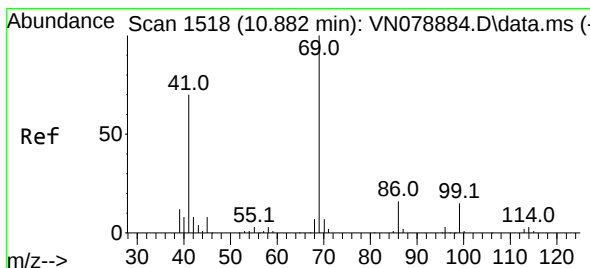
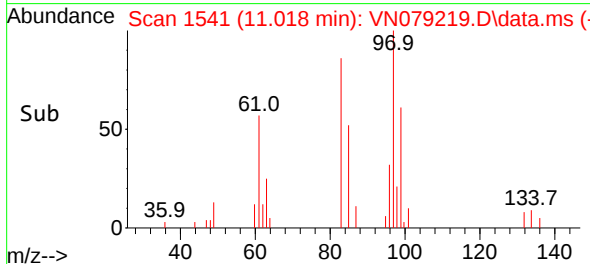
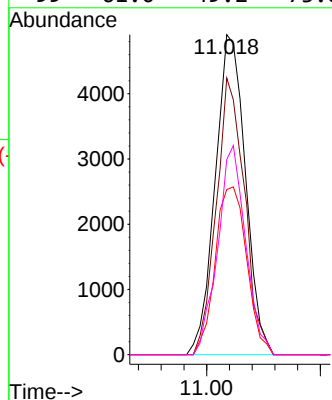
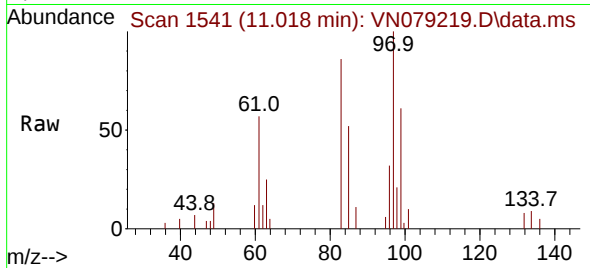
#55
1,1,2-Trichloroethane
Concen: 5.151 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.5	65.1	97.7
85	51.6	43.4	65.2
99	61.0	49.2	73.8

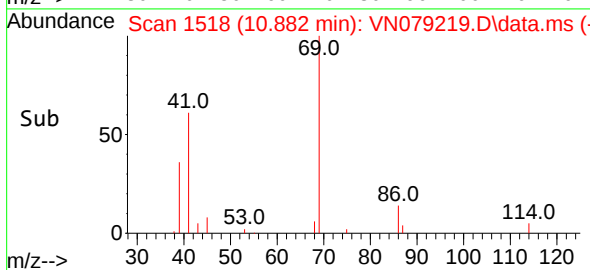
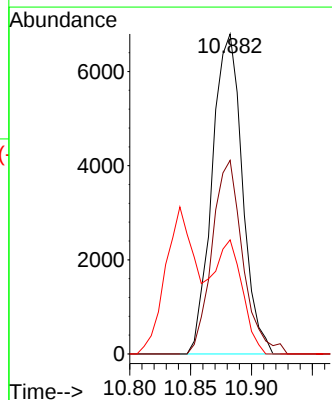
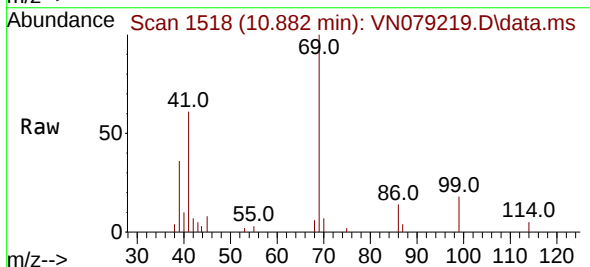
Manual Integrations
APPROVED

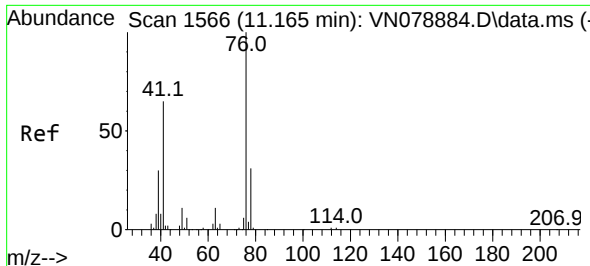
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#56
Ethyl methacrylate
Concen: 4.729 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.7	39.6	59.4#
39	30.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 5.215 ug/l

RT: 11.171 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 1583

Ion Ratio Lower Upper

76 100

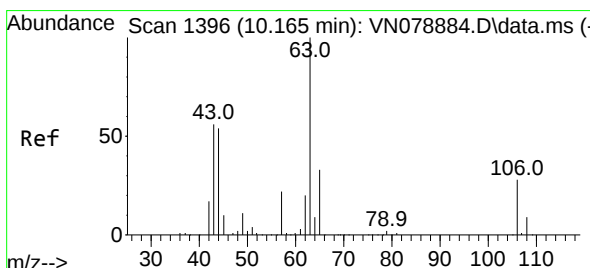
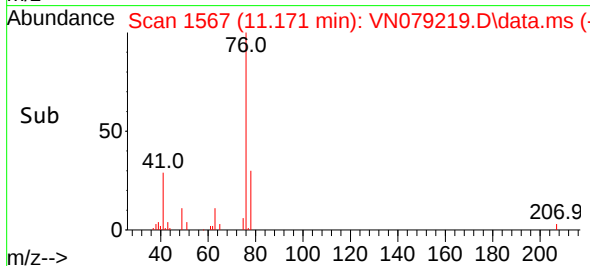
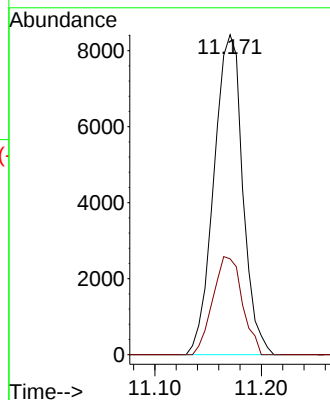
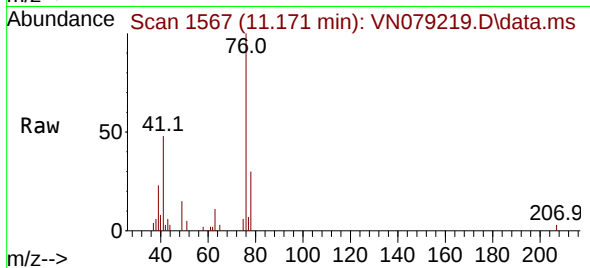
78 31.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 24.737 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079219.D

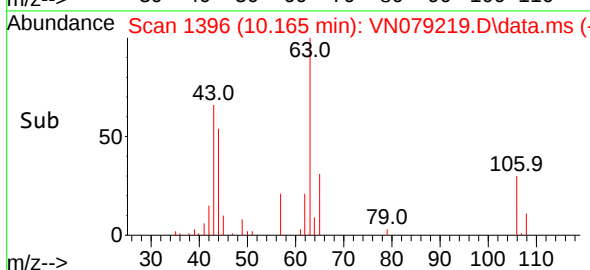
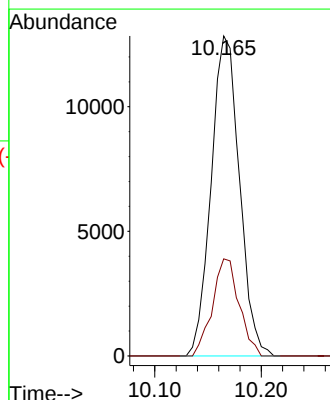
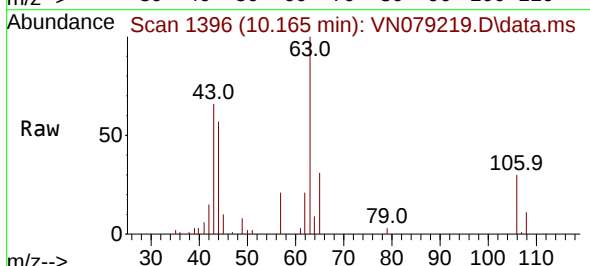
Acq: 11 Sep 2023 15:07

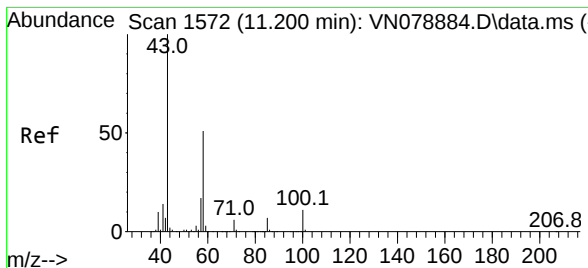
Tgt Ion: 63 Resp: 23663

Ion Ratio Lower Upper

63 100

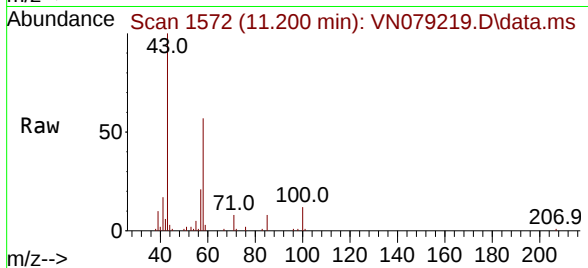
106 28.7 26.2 39.4





#59
2-Hexanone
Concen: 24.591 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

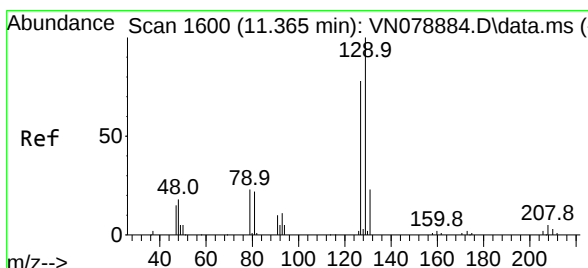
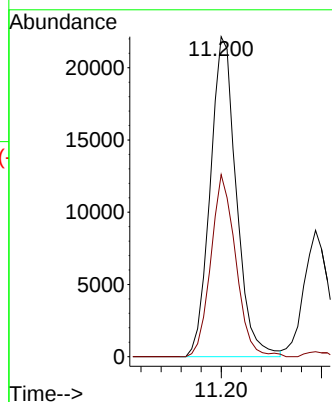
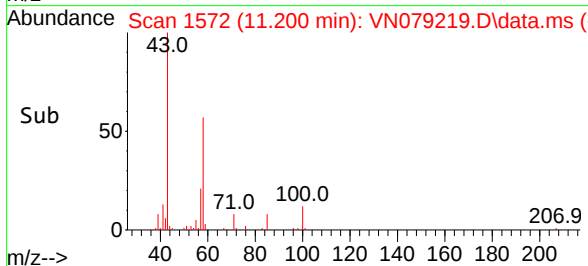
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 4003
Ion Ratio Lower Upper
43 100
58 54.1 31.7 95.1

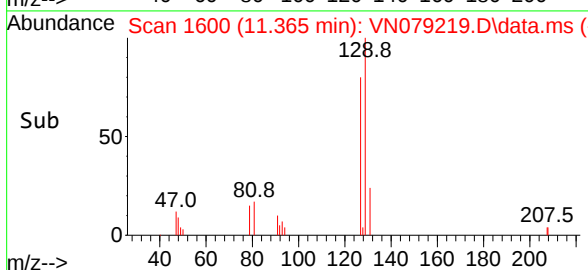
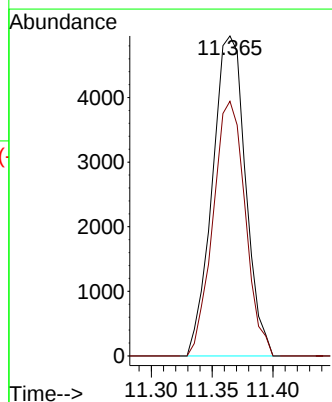
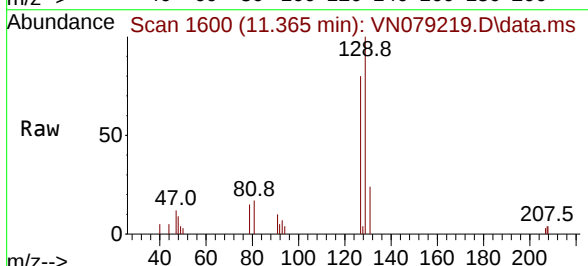
Manual Integrations
APPROVED

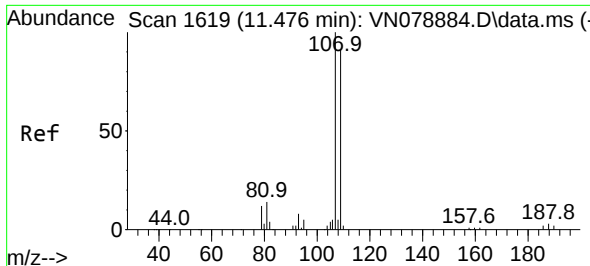
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#60
Dibromochloromethane
Concen: 5.027 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Tgt Ion:129 Resp: 9395
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





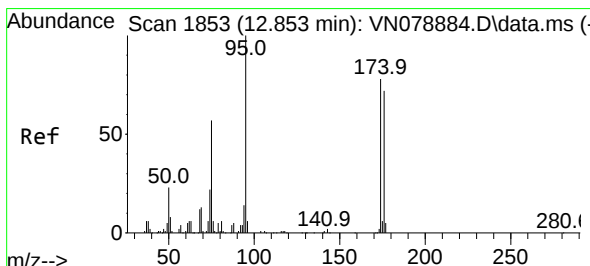
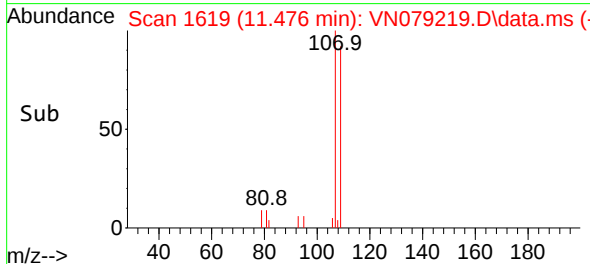
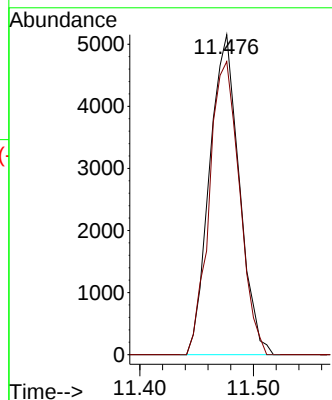
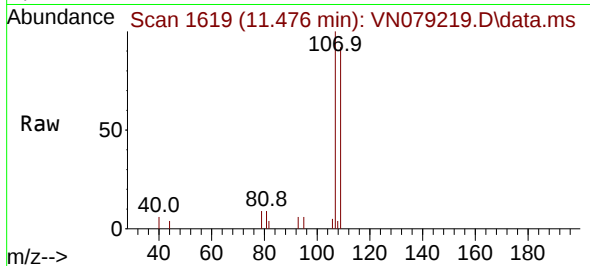
#61
1,2-Dibromoethane
Concen: 5.352 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 107 Resp: 9380
Ion Ratio Lower Upper
107 100
109 92.9 76.6 114.8

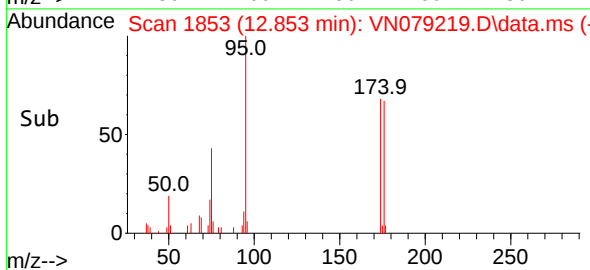
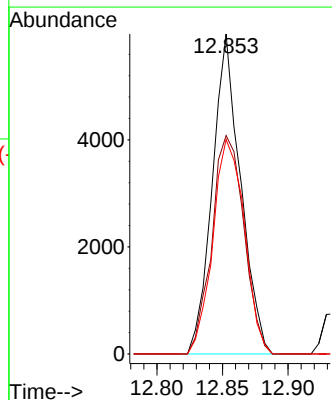
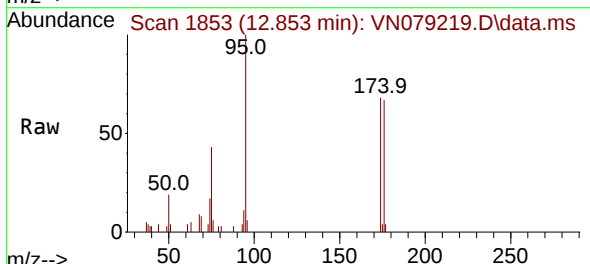
Manual Integrations
APPROVED

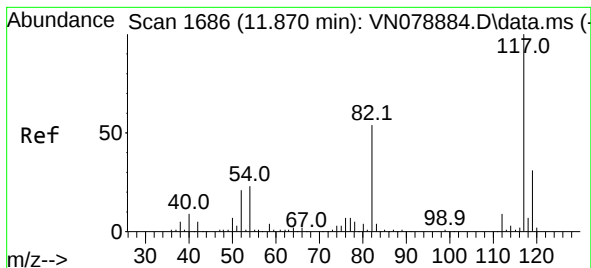
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#62
4-Bromofluorobenzene
Concen: 4.942 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Tgt Ion: 95 Resp: 8934
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 75.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. -0.001 min

Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:117 Resp: 205249

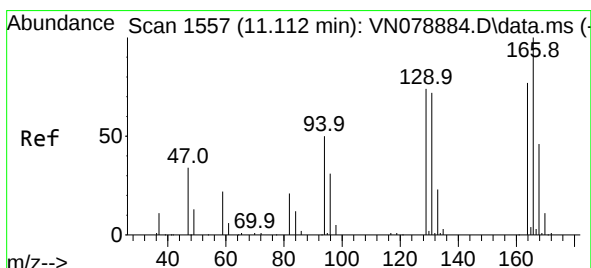
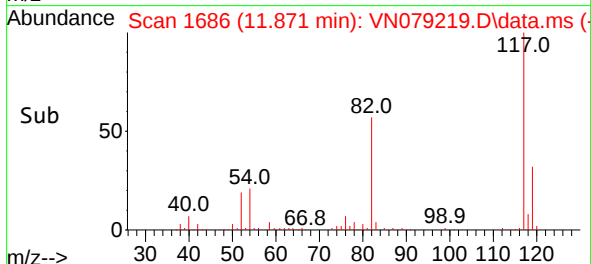
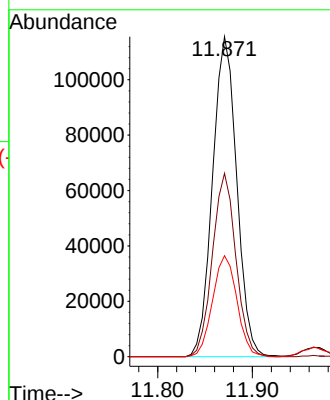
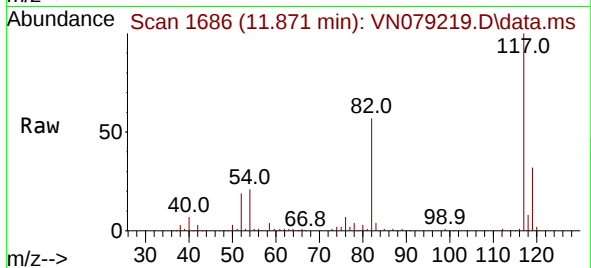
Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.0	66.0
119	31.6	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#64

Tetrachloroethene

Concen: 5.085 ug/l

RT: 11.112 min Scan# 1557

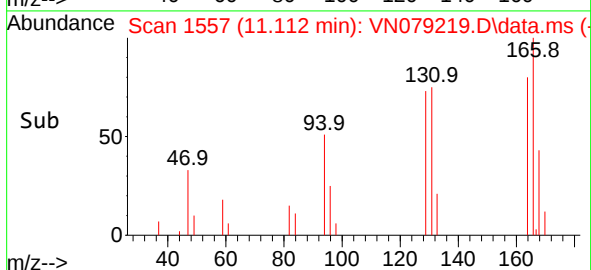
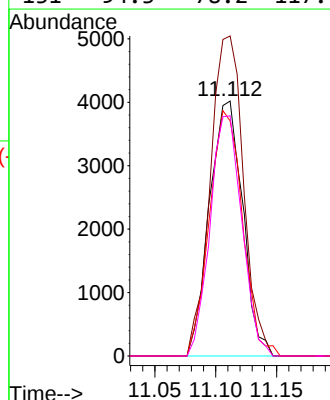
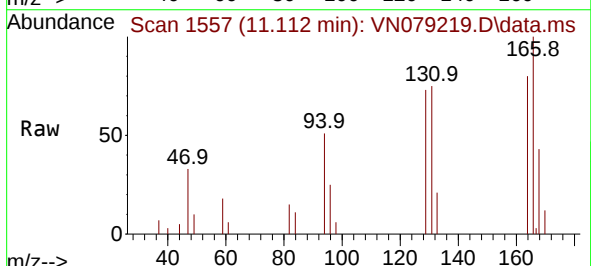
Delta R.T. -0.000 min

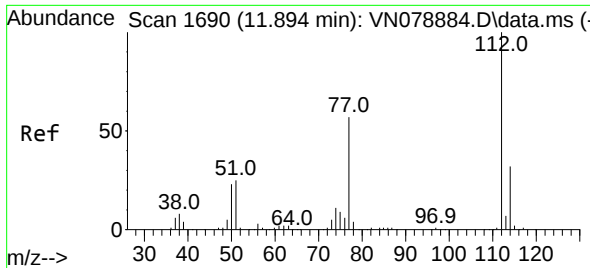
Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

Tgt Ion:164 Resp: 7610

Ion	Ratio	Lower	Upper
164	100		
166	125.6	101.4	152.0
129	92.2	82.4	123.6
131	94.3	78.2	117.4





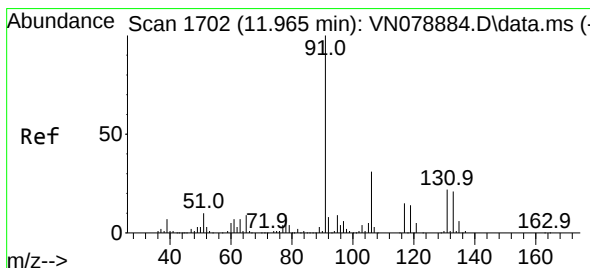
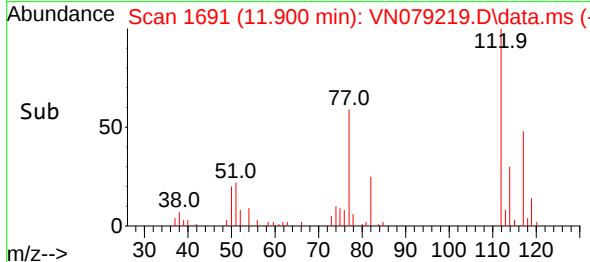
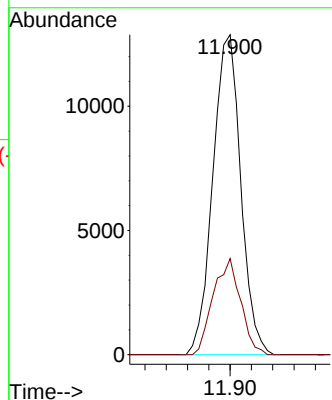
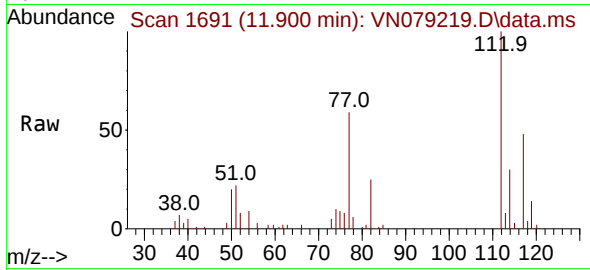
#65
Chlorobenzene
Concen: 5.037 ug/l
RT: 11.900 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 23419
Ion Ratio Lower Upper
112 100
114 30.1 25.0 37.4

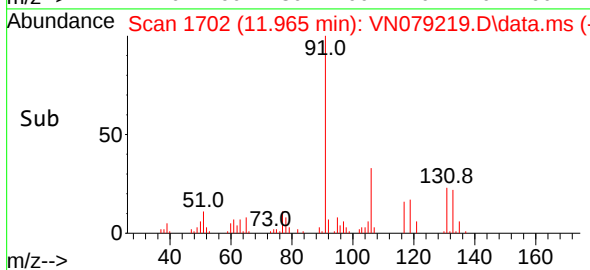
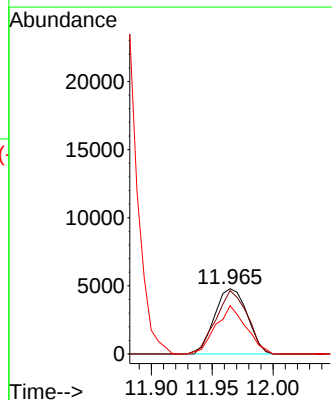
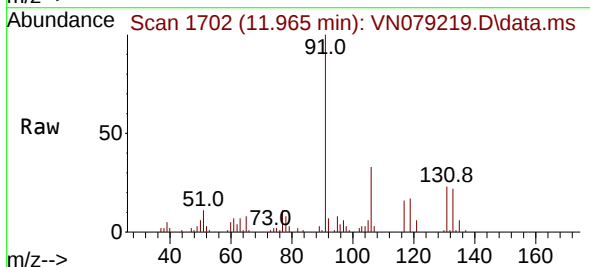
Manual Integrations
APPROVED

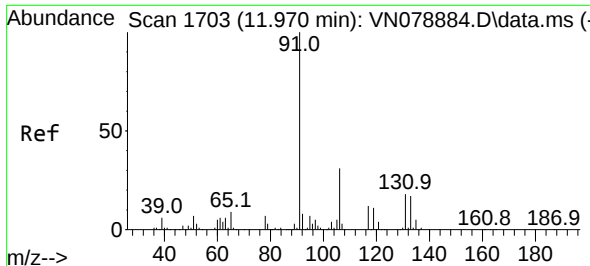
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 5.157 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

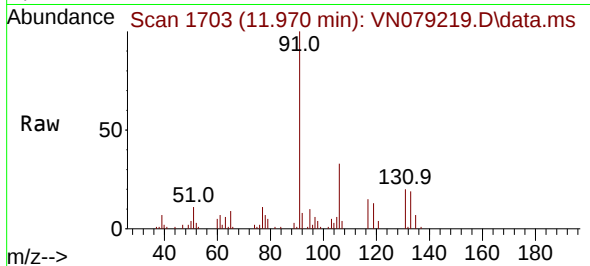
Tgt Ion:131 Resp: 8991
Ion Ratio Lower Upper
131 100
133 92.6 46.4 139.1
119 68.5 34.1 102.2





#67
Ethyl Benzene
Concen: 4.803 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

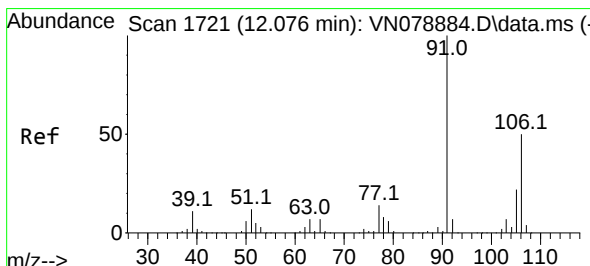
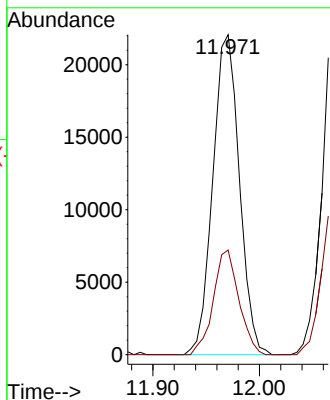
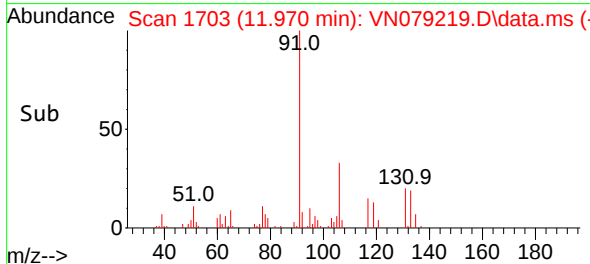
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



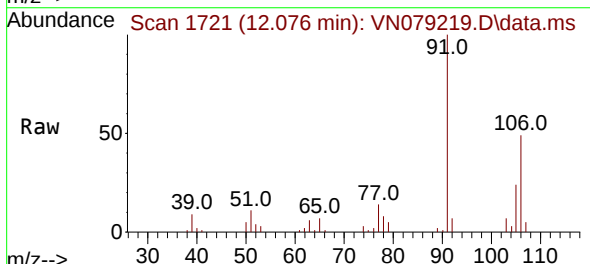
Tgt Ion: 91 Resp: 3820
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4

Manual Integrations
APPROVED

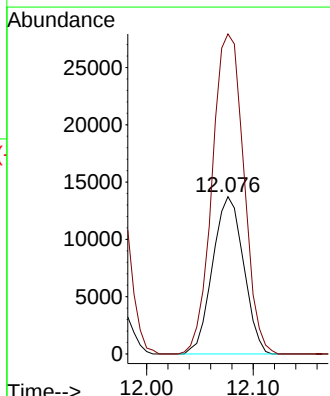
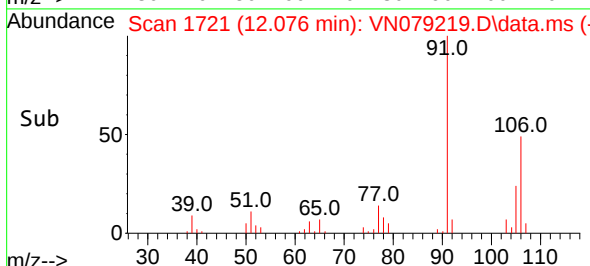
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

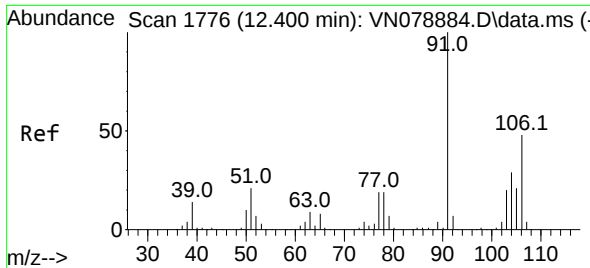


#68
m/p-Xylenes
Concen: 9.354 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07



Tgt Ion:106 Resp: 27729
Ion Ratio Lower Upper
106 100
91 207.4 159.6 239.4





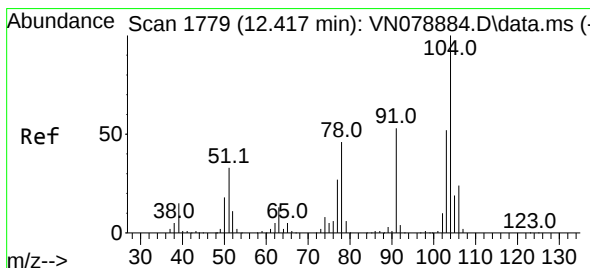
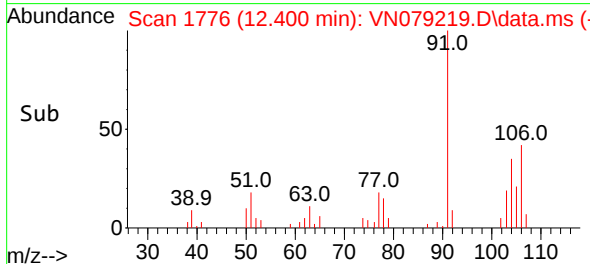
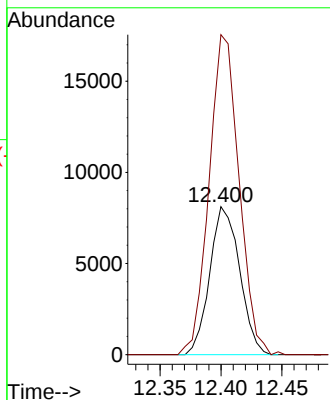
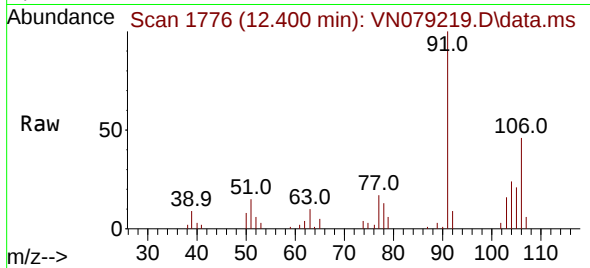
#69
o-Xylene
Concen: 4.874 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1385
Ion Ratio Lower Upper
106 100
91 216.6 105.2 315.5

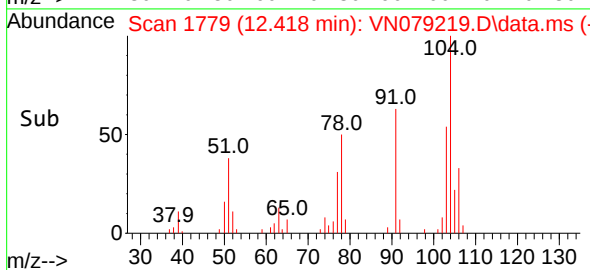
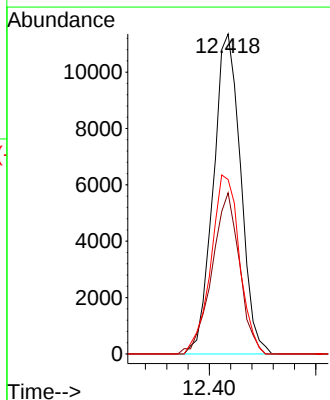
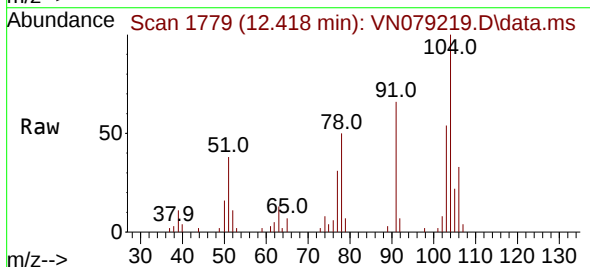
Manual Integrations
APPROVED

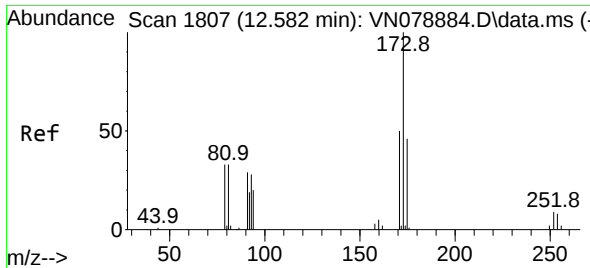
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#70
Styrene
Concen: 4.419 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

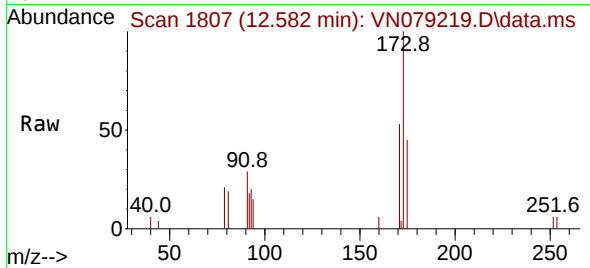
Tgt Ion:104 Resp: 20205
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 58.3 43.2 64.8





#71
Bromoform
Concen: 4.757 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

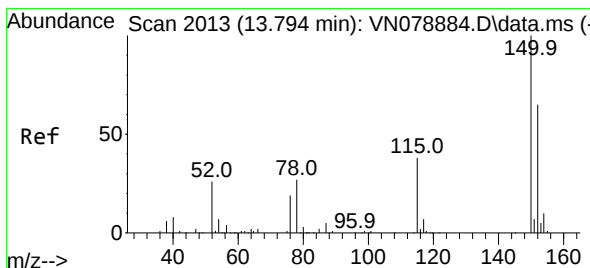
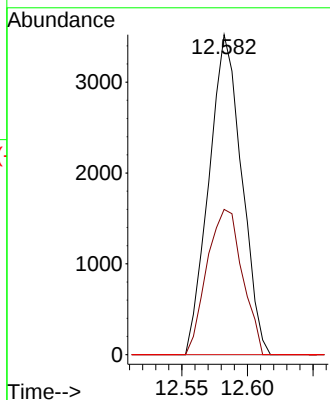
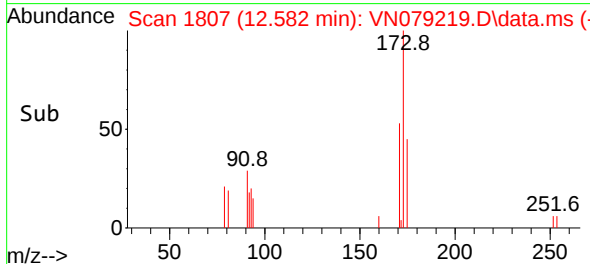
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



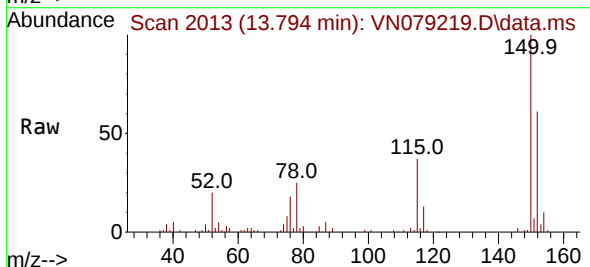
Tgt Ion:173 Resp: 612
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

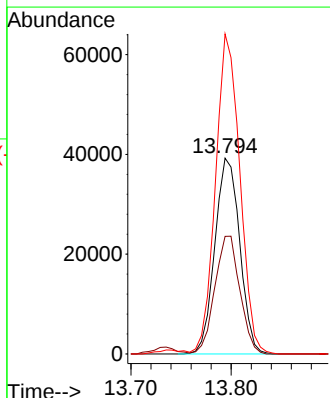
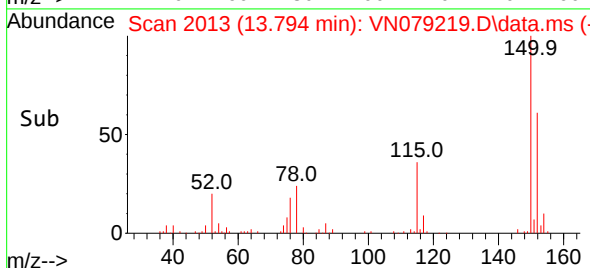
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

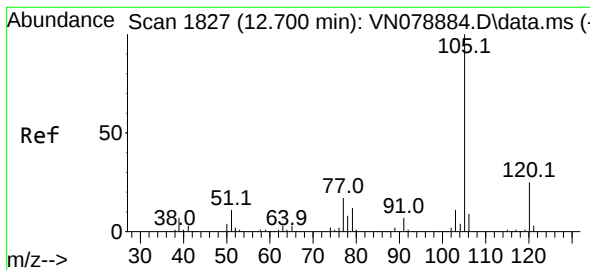


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07



Tgt Ion:152 Resp: 67647
Ion Ratio Lower Upper
152 100
115 60.4 32.3 96.8
150 159.7 0.0 355.8





#73

Isopropylbenzene

Concen: 5.464 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 3363

Ion Ratio Lower Upper

105 100

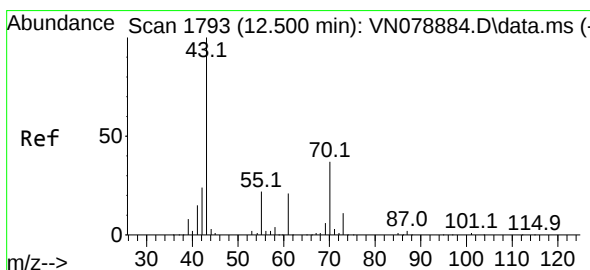
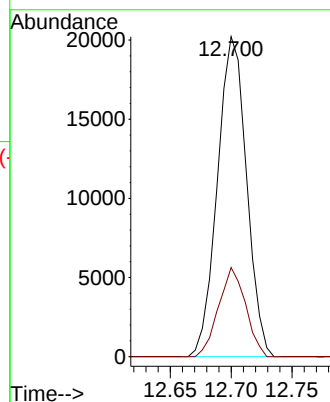
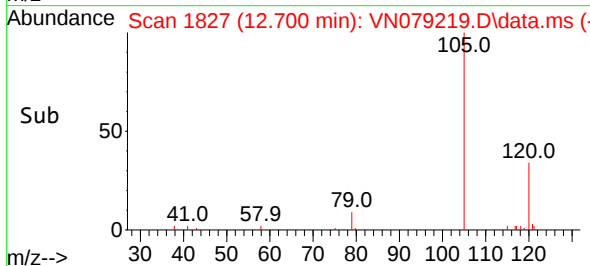
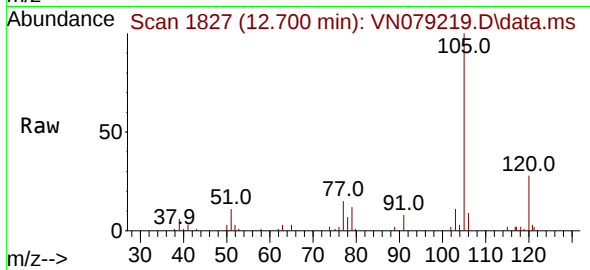
120 25.9 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#74

N-ethyl acetate

Concen: 5.331 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

Tgt Ion: 43 Resp: 12449

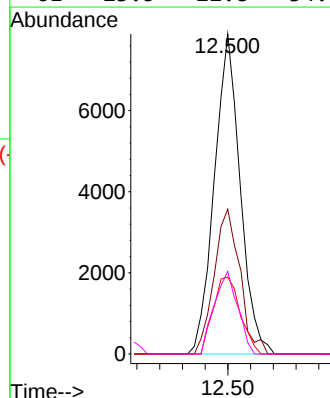
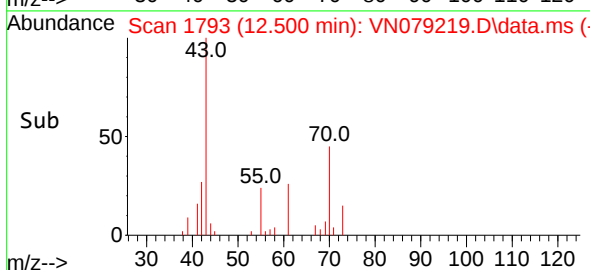
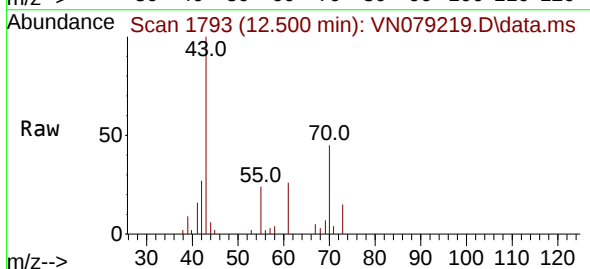
Ion Ratio Lower Upper

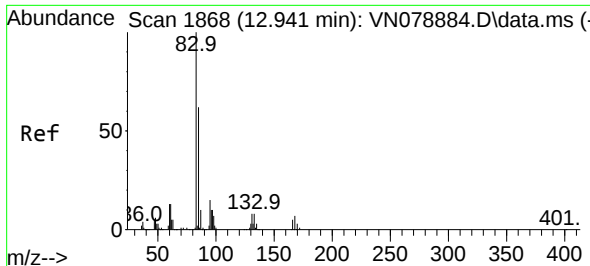
43 100

70 45.2 43.4 65.2

55 25.0 21.4 32.0

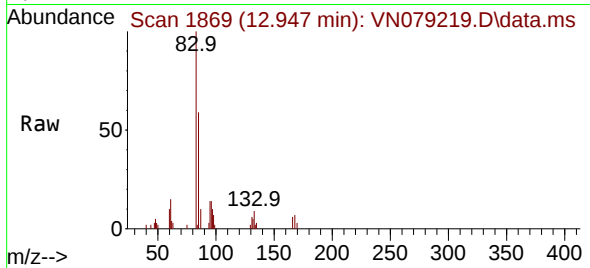
61 23.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 5.805 ug/l
RT: 12.947 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

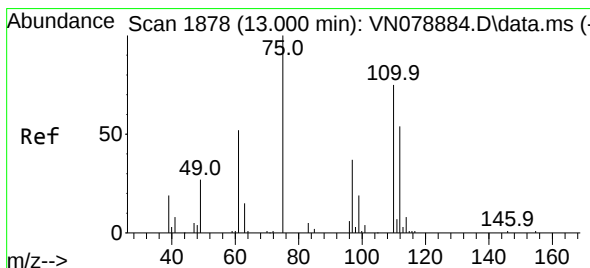
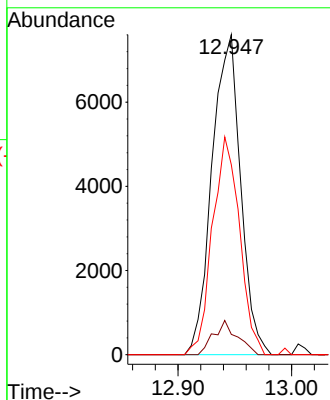
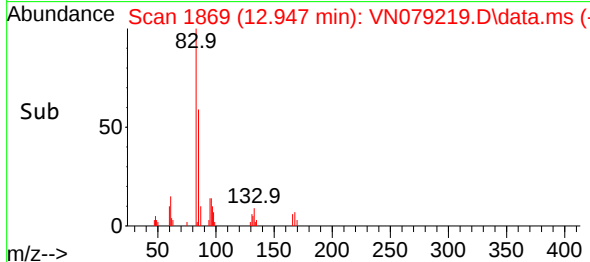
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 1330
Ion Ratio Lower Upper
83 100
131 8.8 5.0 15.0
85 64.6 31.9 95.7

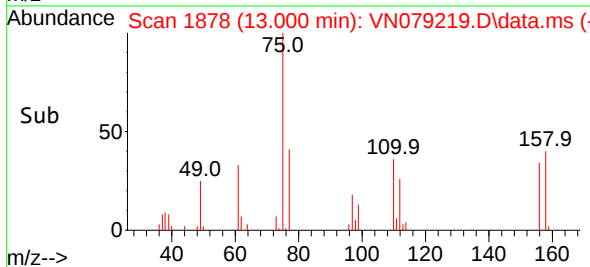
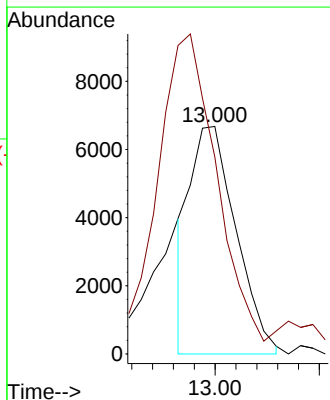
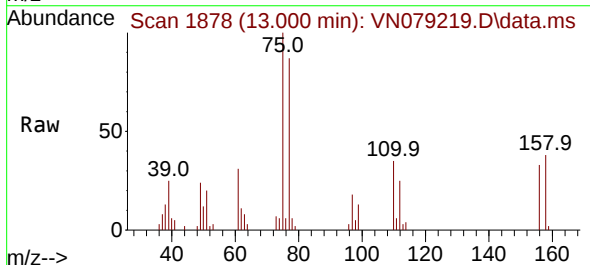
Manual Integrations
APPROVED

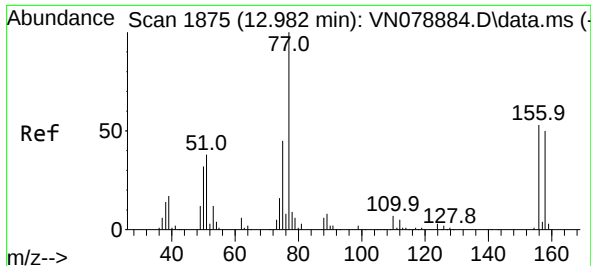
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#76
1,2,3-Trichloropropane
Concen: 5.830 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

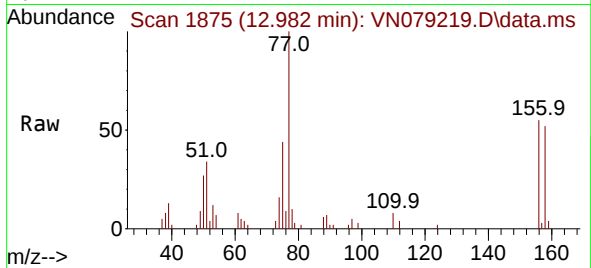
Tgt Ion: 75 Resp: 10231
Ion Ratio Lower Upper
75 100
77 185.2 84.5 253.5





#77
Bromobenzene
Concen: 5.391 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

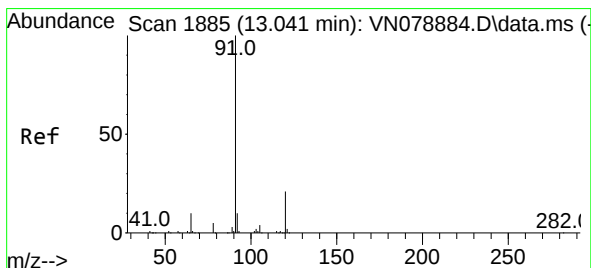
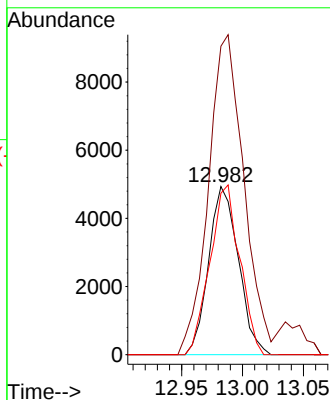
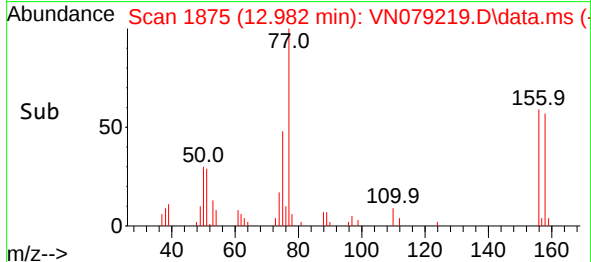
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



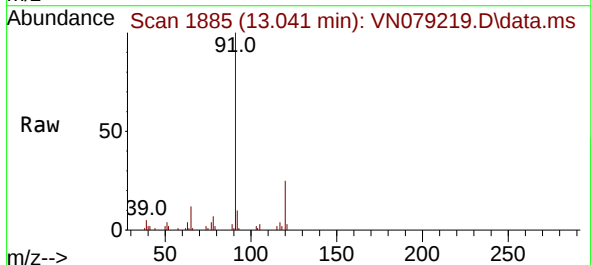
Tgt Ion:156 Resp: 840
Ion Ratio Lower Upper
156 100
77 225.6 107.7 323.3
158 101.3 48.4 145.3

Manual Integrations
APPROVED

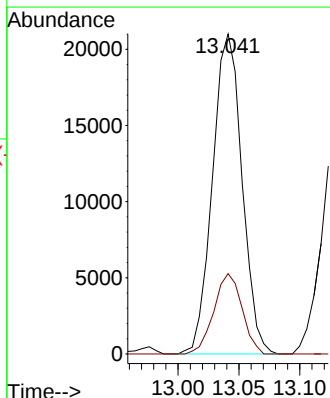
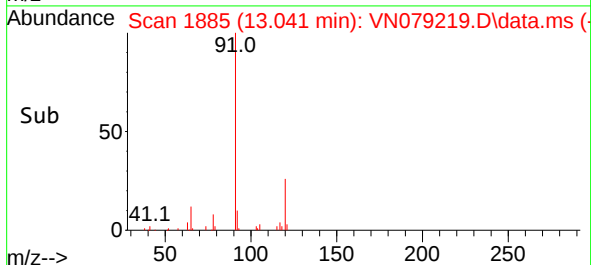
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

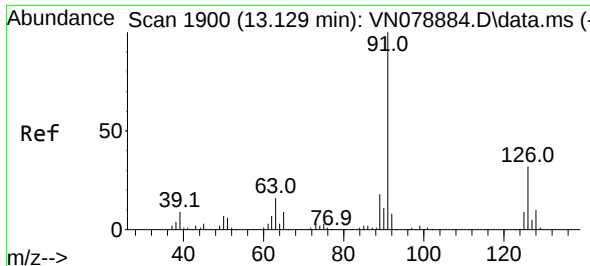


#78
n-propylbenzene
Concen: 5.121 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07



Tgt Ion: 91 Resp: 35406
Ion Ratio Lower Upper
91 100
120 23.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 5.423 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 24524

Ion Ratio Lower Upper

91 100

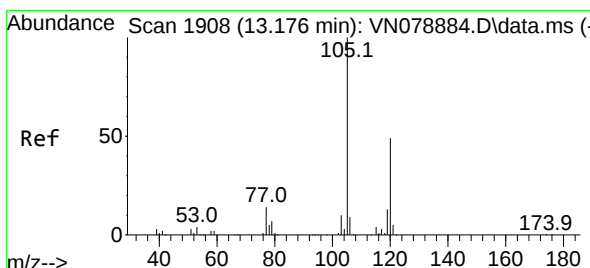
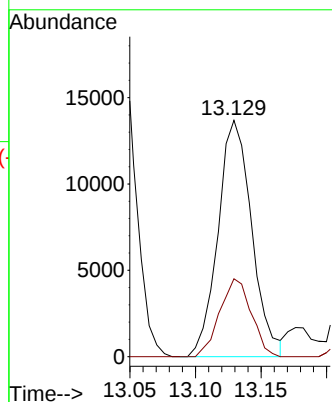
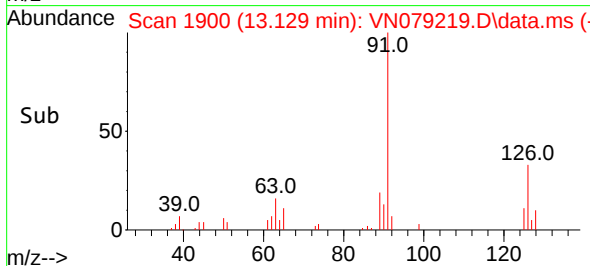
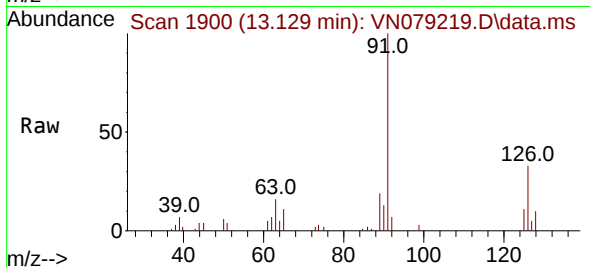
126 30.8 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#80

1,3,5-Trimethylbenzene

Concen: 5.267 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079219.D

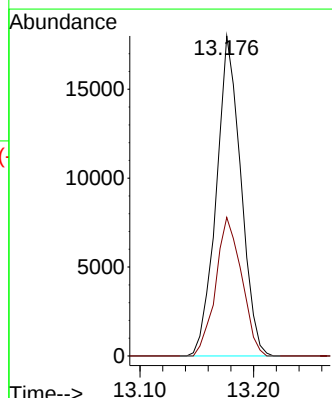
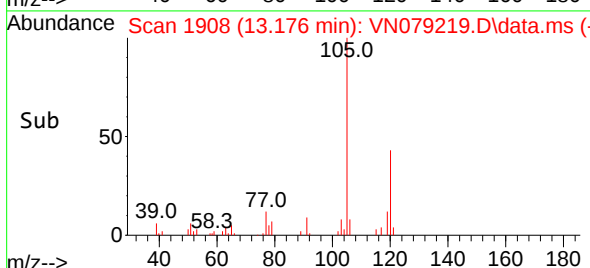
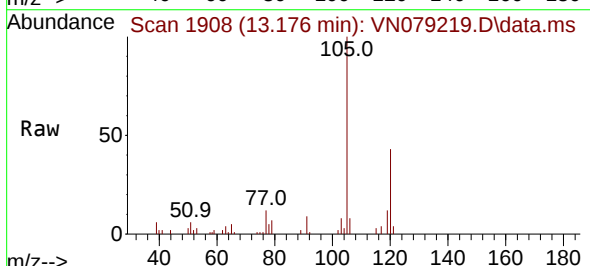
Acq: 11 Sep 2023 15:07

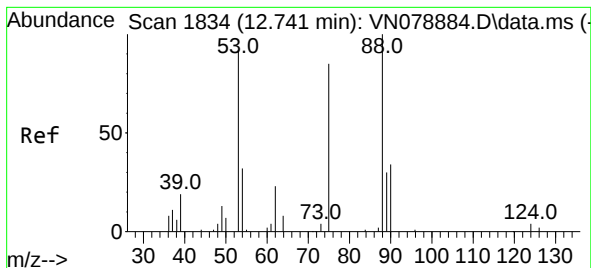
Tgt Ion:105 Resp: 27009

Ion Ratio Lower Upper

105 100

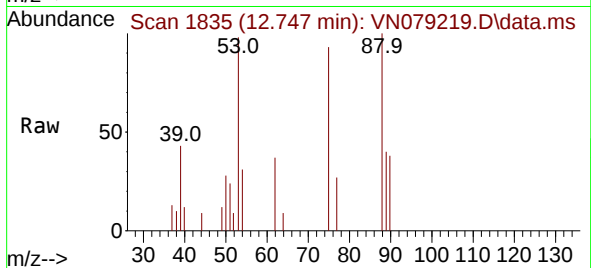
120 45.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 4.905 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

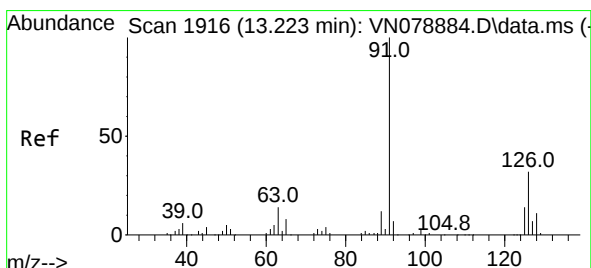
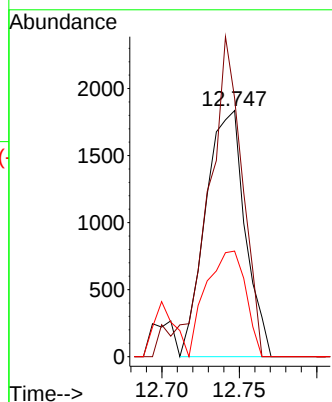
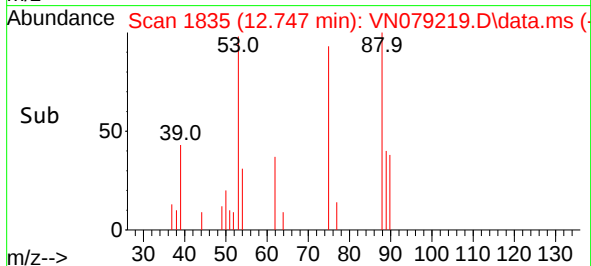
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



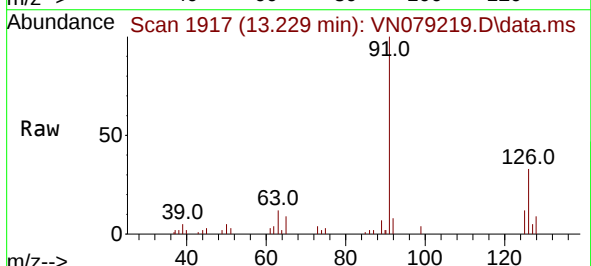
Tgt Ion: 75 Resp: 325
Ion Ratio Lower Upper
75 100
53 112.8 67.4 101.2
89 42.9 38.8 58.2

Manual Integrations
APPROVED

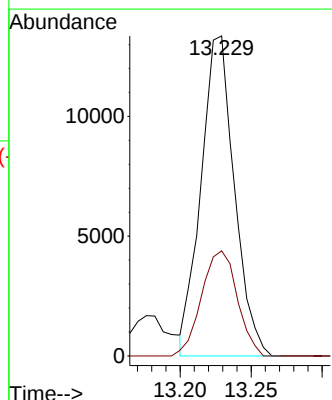
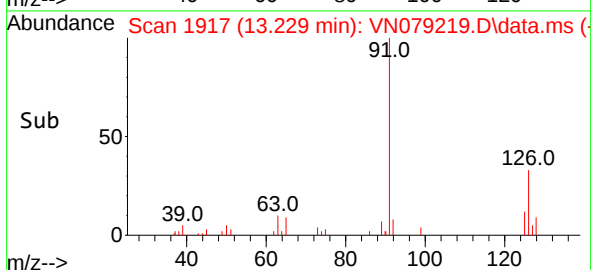
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

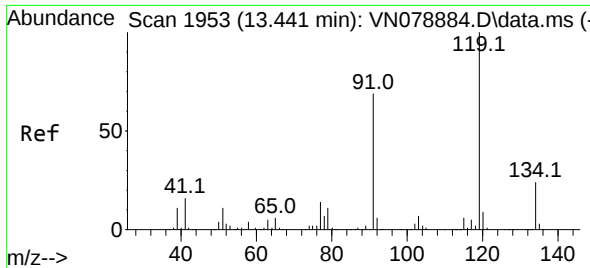


#82
4-Chlorotoluene
Concen: 5.141 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07



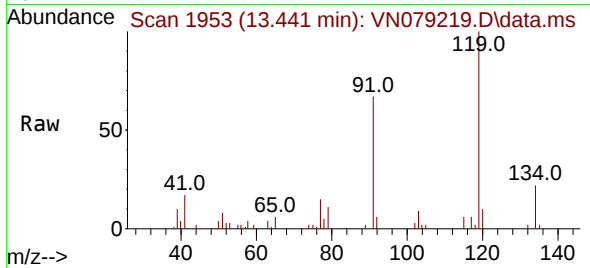
Tgt Ion: 91 Resp: 21843
Ion Ratio Lower Upper
91 100
126 35.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 5.200 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

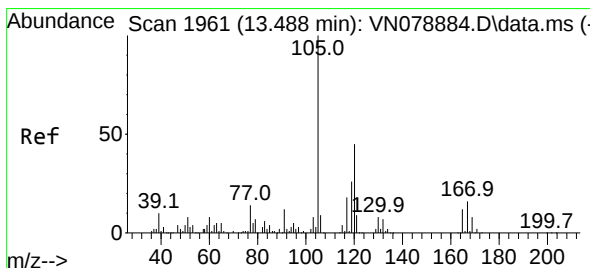
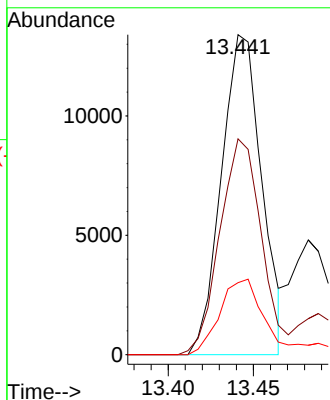
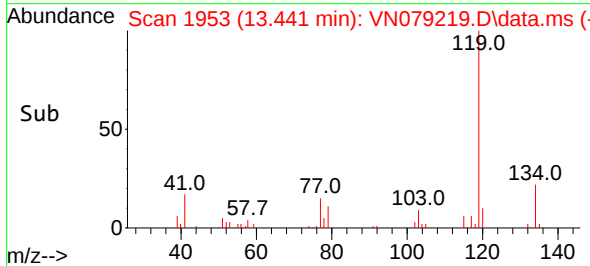
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



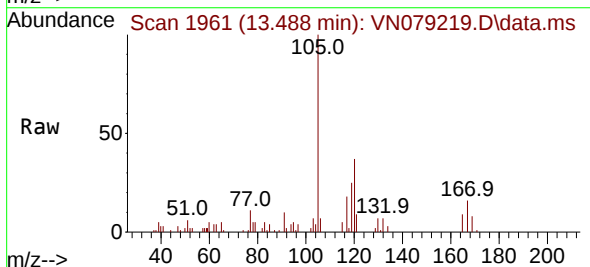
Tgt Ion:119 Resp: 22060
Ion Ratio Lower Upper
119 100
91 69.7 33.9 101.7
134 27.7 13.2 39.6

Manual Integrations
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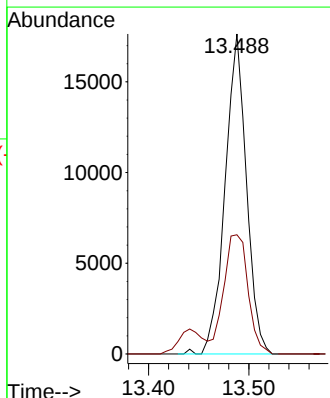
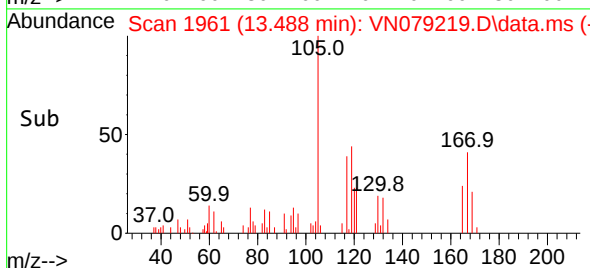
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

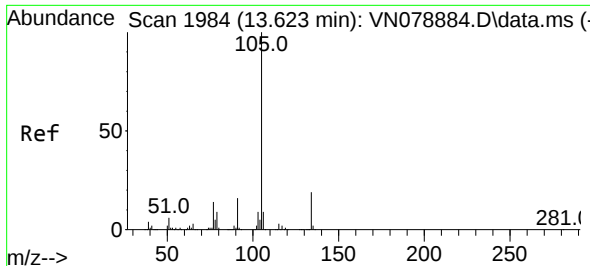


#84
1,2,4-Trimethylbenzene
Concen: 5.326 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07



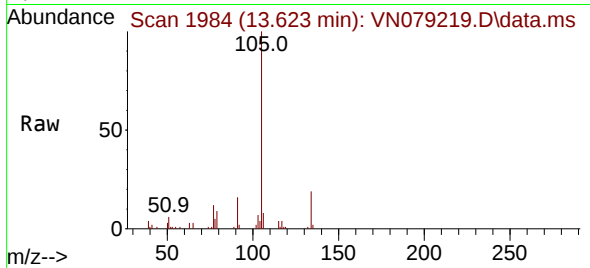
Tgt Ion:105 Resp: 26014
Ion Ratio Lower Upper
105 100
120 42.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 5.294 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079219.D
 Acq: 11 Sep 2023 15:07

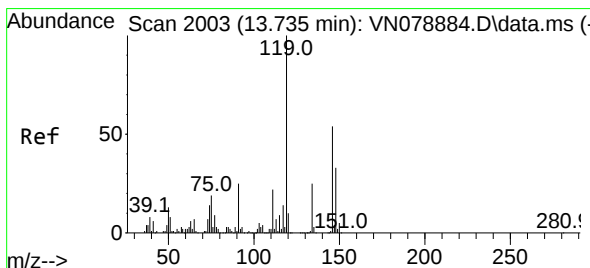
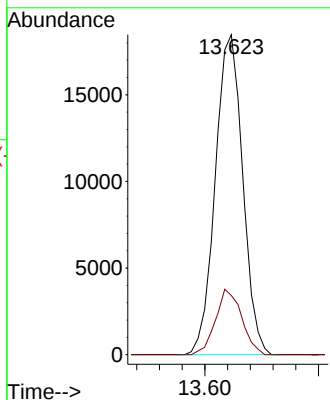
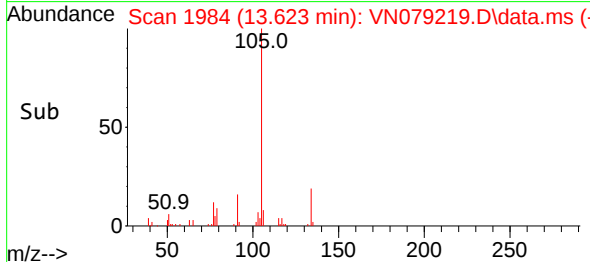
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



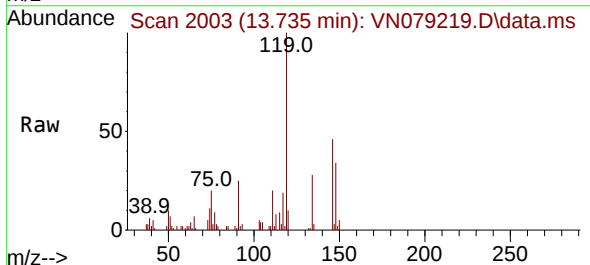
Tgt Ion:105 Resp: 3092
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

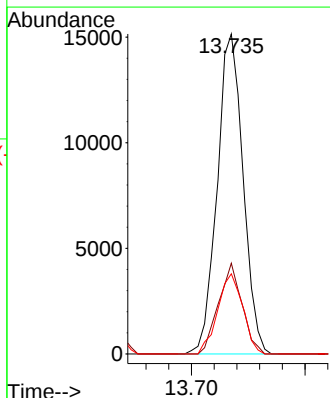
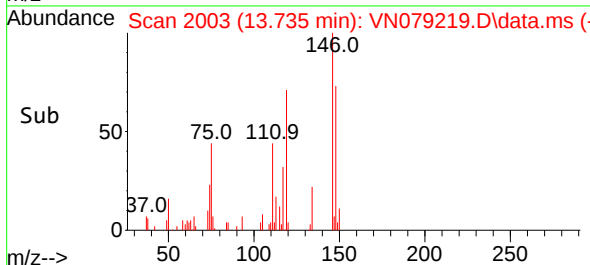
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#86
 p-Isopropyltoluene
 Concen: 5.146 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079219.D
 Acq: 11 Sep 2023 15:07



Tgt Ion:119 Resp: 24012
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 5.071 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:146 Resp: 1296

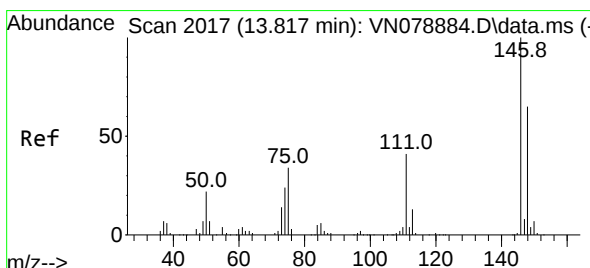
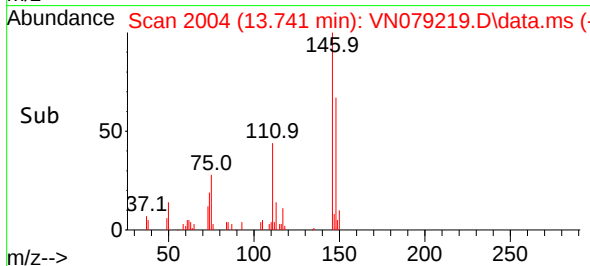
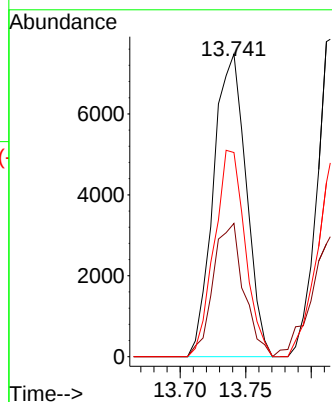
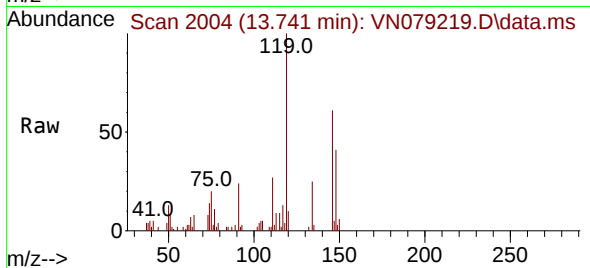
Ion	Ratio	Lower	Upper
146	100		
111	41.5	22.1	66.3
148	64.3	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#88

1,4-Dichlorobenzene

Concen: 5.147 ug/l

RT: 13.817 min Scan# 2017

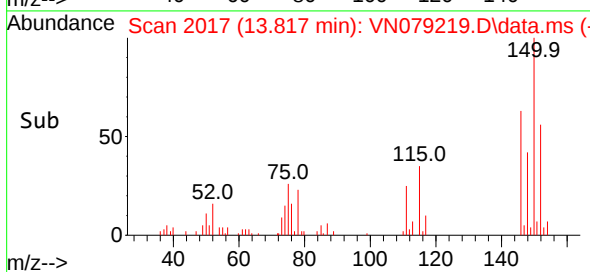
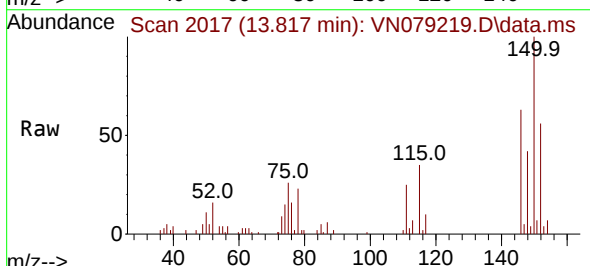
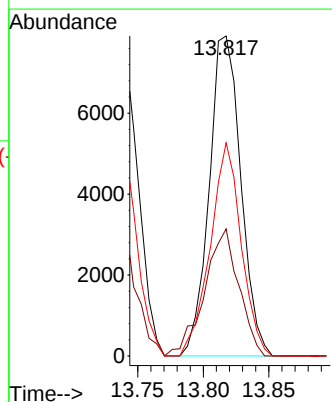
Delta R.T. -0.001 min

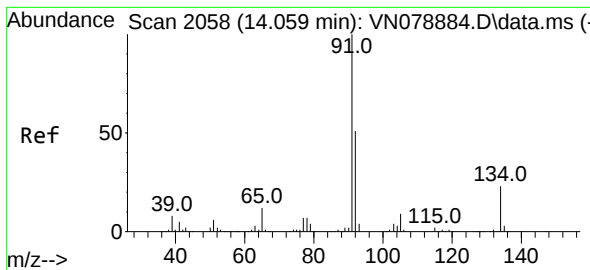
Lab File: VN079219.D

Acq: 11 Sep 2023 15:07

Tgt Ion:146 Resp: 13294

Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.6	61.8
148	65.0	31.6	94.8





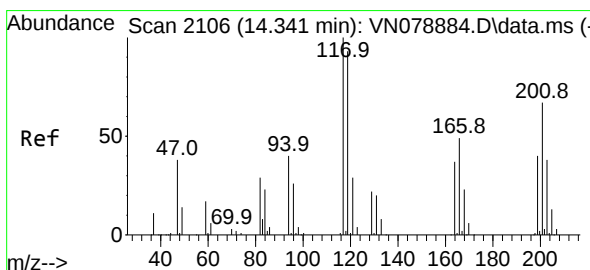
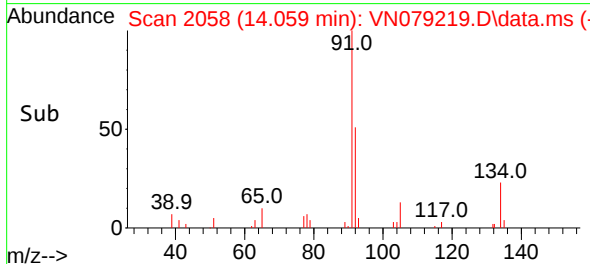
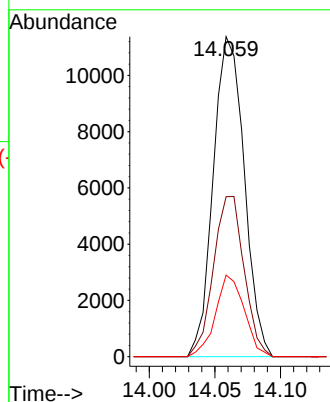
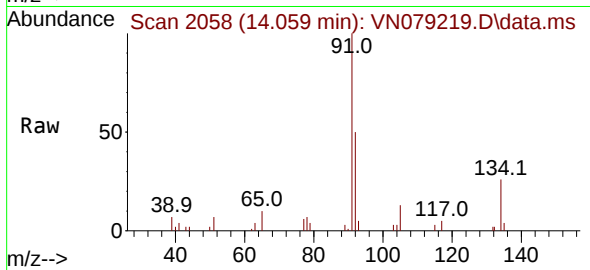
#89
n-Butylbenzene
Concen: 5.086 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 1864
Ion Ratio Lower Upper
91 100
92 49.6 26.4 79.0
134 23.7 12.6 37.6

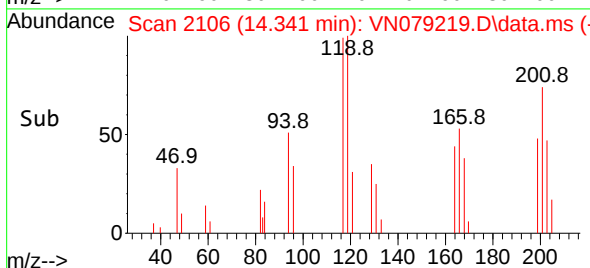
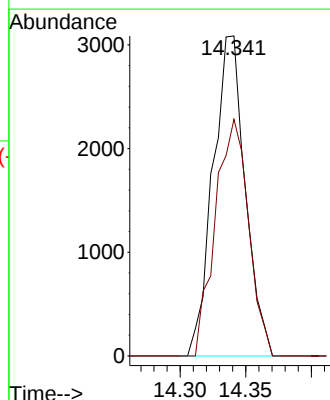
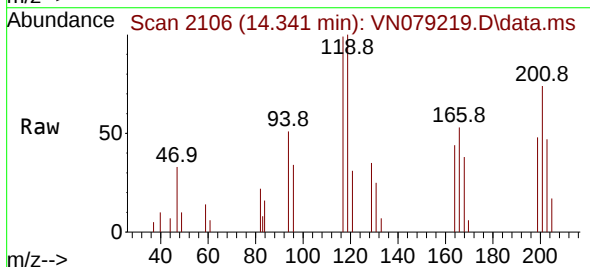
Manual Integrations
APPROVED

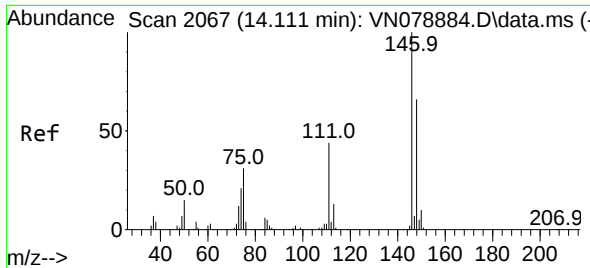
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#90
Hexachloroethane
Concen: 5.553 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Tgt Ion:117 Resp: 5262
Ion Ratio Lower Upper
117 100
201 76.3 29.3 88.0





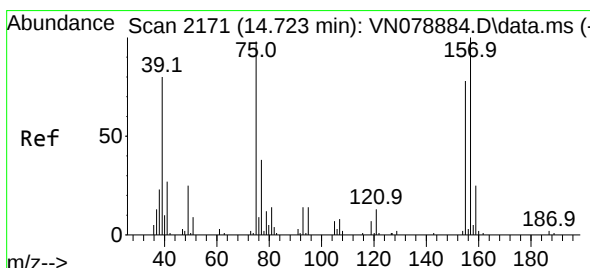
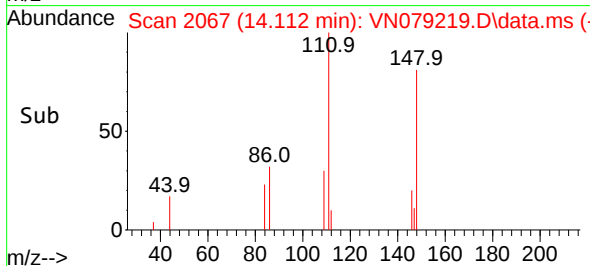
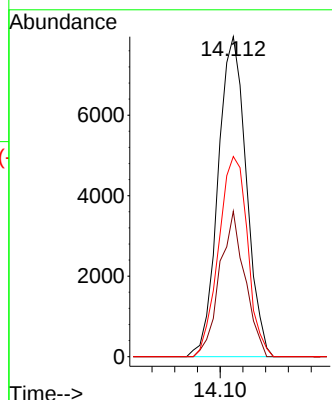
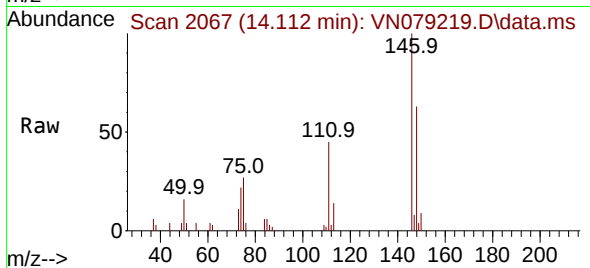
#91
1,2-Dichlorobenzene
Concen: 5.439 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 1372
Ion Ratio Lower Upper
146 100
111 40.8 22.0 66.0
148 64.0 31.8 95.3

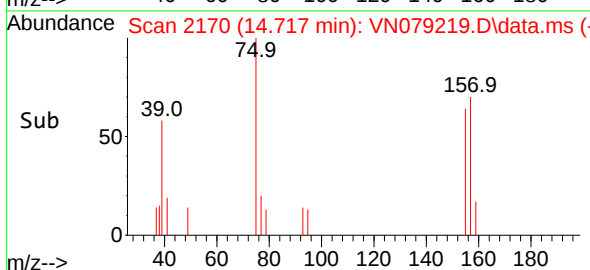
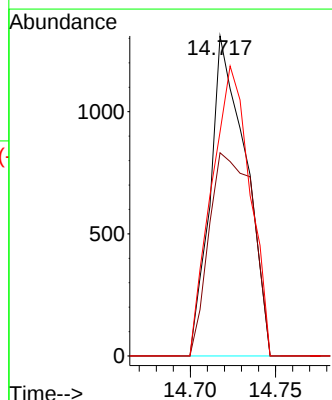
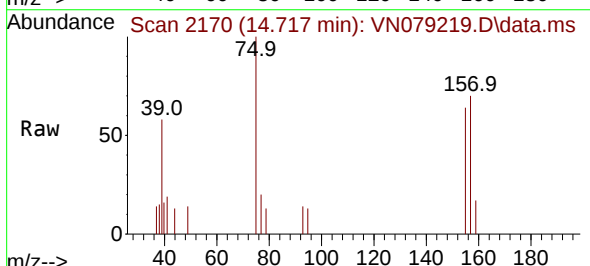
Manual Integrations
APPROVED

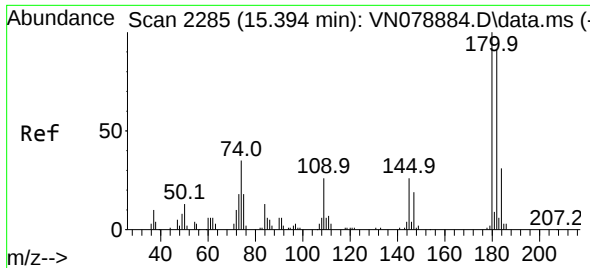
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.256 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

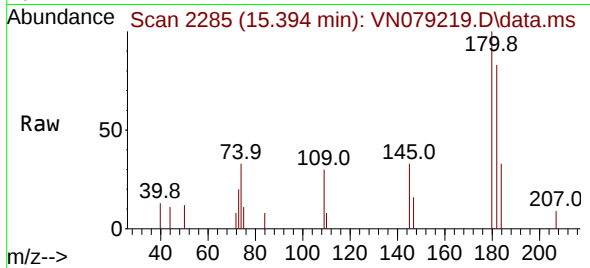
Tgt Ion: 75 Resp: 1898
Ion Ratio Lower Upper
75 100
155 78.3 39.1 117.2
157 98.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 4.178 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

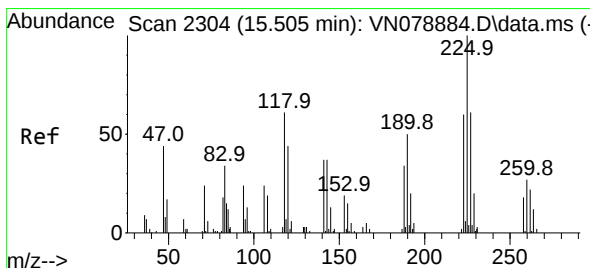
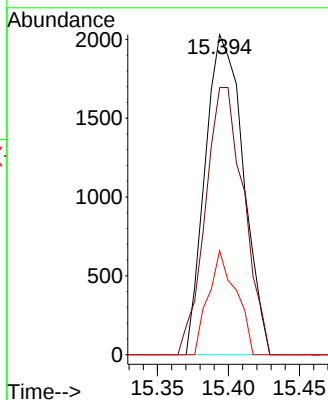
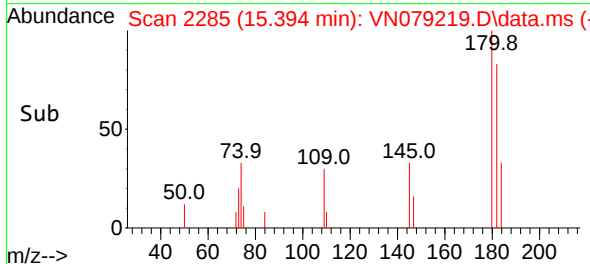
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



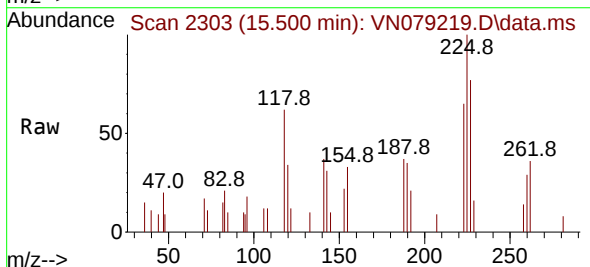
Tgt Ion:180 Resp: 3789
Ion Ratio Lower Upper
180 100
182 84.2 46.1 138.2
145 23.6 16.6 49.8

Manual Integrations
APPROVED

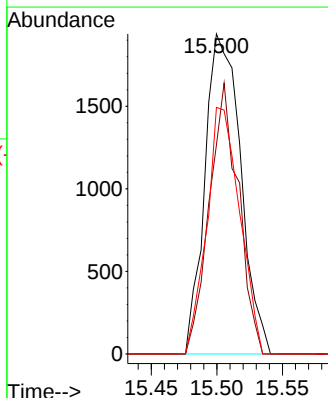
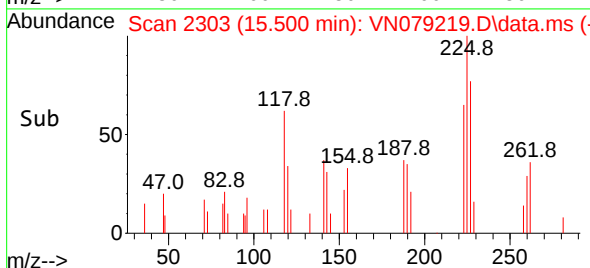
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

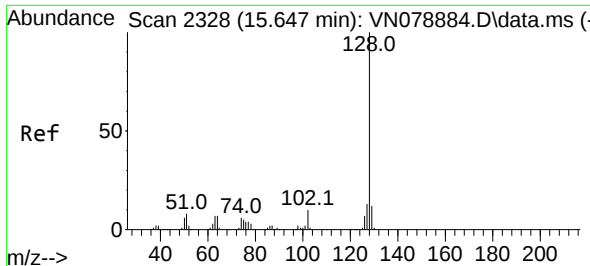


#94
Hexachlorobutadiene
Concen: 5.145 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07



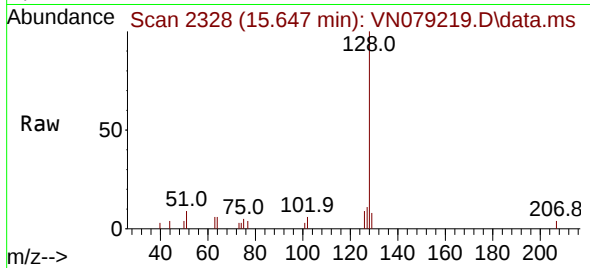
Tgt Ion:225 Resp: 3670
Ion Ratio Lower Upper
225 100
223 69.1 31.3 93.8
227 71.3 31.9 95.9





#95
Naphthalene
Concen: 3.904 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07

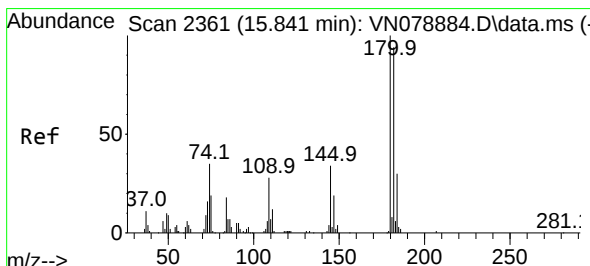
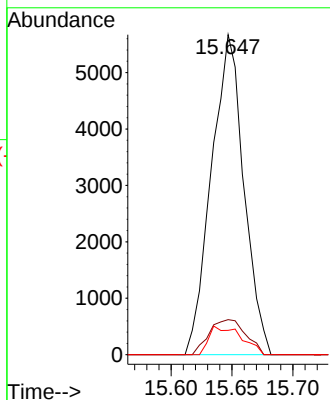
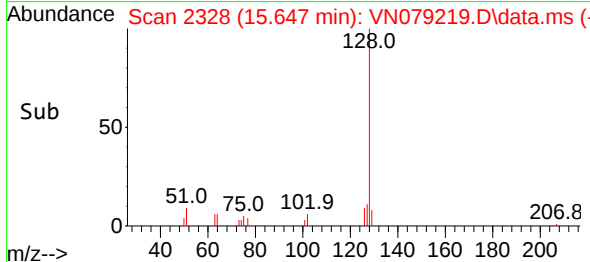
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



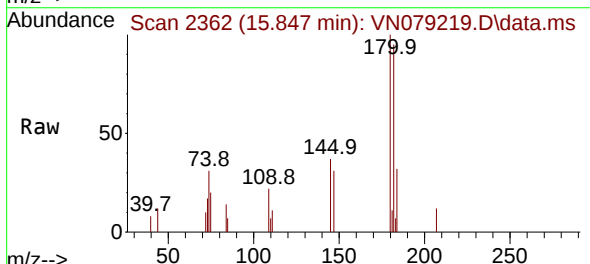
Tgt Ion:128 Resp: 10514
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 8.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 4.350 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079219.D
Acq: 11 Sep 2023 15:07



Tgt Ion:180 Resp: 4653
Ion Ratio Lower Upper
180 100
182 91.4 46.2 138.6
145 33.1 17.5 52.6

