

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079764.D
 Acq On : 01 Nov 2023 11:14
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/02/2023
 Supervised By : Mahesh Dadoda 11/02/2023

Quant Time: Nov 02 04:52:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 04:50:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	320212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	558865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	498891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	32430	6.647	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	13.300%#		
35) Dibromofluoromethane	8.171	113	27333	6.910	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	13.820%#		
50) Toluene-d8	10.571	98	92471	6.350	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	12.700%#		
62) 4-Bromofluorobenzene	12.853	95	31411	6.504	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	13.000%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	28455	7.377	ug/l	98
3) Chloromethane	2.359	50	38110	7.085	ug/l	96
4) Vinyl Chloride	2.512	62	35571	7.045	ug/l	95
5) Bromomethane	2.959	94	23126	7.539	ug/l	96
6) Chloroethane	3.118	64	31002	7.890	ug/l	95
7) Trichlorofluoromethane	3.500	101	43547	6.935	ug/l	97
8) Diethyl Ether	3.965	74	16215	6.804	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.377	101	24968	6.859	ug/l	100
10) Methyl Iodide	4.589	142	28299	6.807	ug/l	97
11) Tert butyl alcohol	5.518	59	23263	37.324	ug/l	99
12) 1,1-Dichloroethene	4.347	96	24588	7.134	ug/l	95
13) Acrolein	4.189	56	25069	49.212	ug/l	94
14) Allyl chloride	5.030	41	41027	7.376	ug/l #	89
15) Acrylonitrile	5.724	53	66924	34.483	ug/l	98
16) Acetone	4.430	43	58814	34.321	ug/l	98
17) Carbon Disulfide	4.712	76	70684	7.110	ug/l	95
18) Methyl Acetate	5.030	43	56975	6.949	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	81764	6.890	ug/l	93
20) Methylene Chloride	5.277	84	30040	6.947	ug/l #	81
21) trans-1,2-Dichloroethene	5.788	96	27424	7.134	ug/l	84
22) Diisopropyl ether	6.671	45	88462	7.231	ug/l #	89
23) Vinyl Acetate	6.600	43	234035	33.679	ug/l #	86
24) 1,1-Dichloroethane	6.565	63	52401	7.047	ug/l	98
25) 2-Butanone	7.488	43	89982	35.858	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	42298	6.878	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	32260	7.016	ug/l	89
28) Bromochloromethane	7.812	49	27343	7.545	ug/l #	81
29) Tetrahydrofuran	7.847	42	57228	35.053	ug/l #	78
30) Chloroform	7.965	83	56954	7.051	ug/l	88
31) Cyclohexane	8.253	56	48098	7.461	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	46180	7.017	ug/l	89
36) 1,1-Dichloropropene	8.377	75	38847	6.878	ug/l	96
37) Ethyl Acetate	7.559	43	38758	7.483	ug/l #	91
38) Carbon Tetrachloride	8.371	117	38500	6.764	ug/l	99
39) Methylcyclohexane	9.600	83	35272	6.636	ug/l #	86
40) Benzene	8.612	78	118363	6.997	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	20240	7.359	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	42145	7.133	ug/l	99
43) Isopropyl Acetate	8.688	43	61152	6.732	ug/l #	90
44) Trichloroethene	9.359	130	28429	6.773	ug/l	90
45) 1,2-Dichloropropane	9.624	63	31468	7.279	ug/l	96
46) Dibromomethane	9.712	93	21737	7.364	ug/l	95
47) Bromodichloromethane	9.888	83	43068	6.842	ug/l	90
48) Methyl methacrylate	9.682	41	28051	7.050	ug/l #	79
49) 1,4-Dioxane	9.700	88	10711	152.356	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	186505	36.470	ug/l	89
52) Toluene	10.635	92	71615	7.141	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	42587	6.901	ug/l	92
54) cis-1,3-Dichloropropene	10.312	75	48154	7.159	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	30127	7.469	ug/l	98
56) Ethyl methacrylate	10.876	69	39816	6.920	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	50266	7.070	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	143852	49.331	ug/l	90
59) 2-Hexanone	11.200	43	138530	35.410	ug/l	87
60) Dibromochloromethane	11.359	129	30154	6.984	ug/l	97
61) 1,2-Dibromoethane	11.470	107	28682	7.085	ug/l	99
64) Tetrachloroethene	11.106	164	22930	7.097	ug/l	97
65) Chlorobenzene	11.894	112	77272	7.140	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	27945	7.167	ug/l	97
67) Ethyl Benzene	11.965	91	132566	7.031	ug/l	97
68) m/p-Xylenes	12.076	106	95816	13.642	ug/l	95
69) o-Xylene	12.400	106	48540	7.177	ug/l	99
70) Styrene	12.412	104	73105	6.726	ug/l	98
71) Bromoform	12.582	173	18943	6.842	ug/l #	99
73) Isopropylbenzene	12.700	105	115911	7.228	ug/l	98
74) N-amyl acetate	12.494	43	49700	7.100	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	41777	7.347	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	38506m	7.898	ug/l	
77) Bromobenzene	12.982	156	29212	7.440	ug/l	97
78) n-propylbenzene	13.041	91	129246	7.037	ug/l	100
79) 2-Chlorotoluene	13.123	91	82846	7.061	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	89016	7.134	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	11700	6.417	ug/l #	80
82) 4-Chlorotoluene	13.223	91	84027	7.207	ug/l	98
83) tert-Butylbenzene	13.441	119	74424	7.287	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	87845	7.156	ug/l	97
85) sec-Butylbenzene	13.617	105	100517	7.103	ug/l	99
86) p-Isopropyltoluene	13.735	119	82289	7.133	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	50304	6.887	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	51829	6.978	ug/l	90
89) n-Butylbenzene	14.059	91	69446	6.989	ug/l	99
90) Hexachloroethane	14.335	117	15663	6.855	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	53432	7.749	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	7431	7.706	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	22852	6.970	ug/l	95
94) Hexachlorobutadiene	15.506	225	11143	7.497	ug/l	98
95) Naphthalene	15.641	128	80646	7.253	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	24338	7.573	ug/l	93

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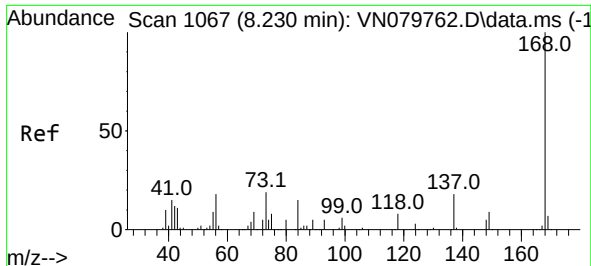
Manual Integrations
APPROVED

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Response via : Initial Calibration

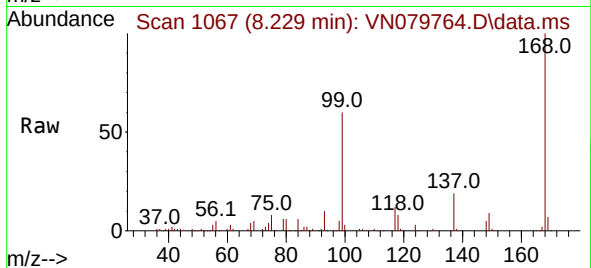
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
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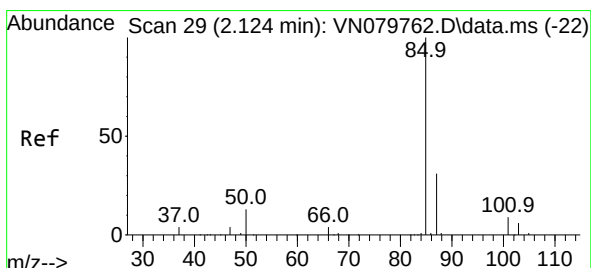
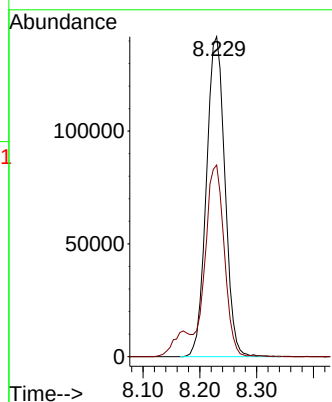
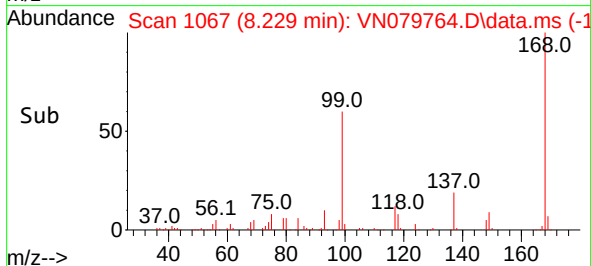
Instrument :
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VSTDICC010



Tgt Ion:168 Resp: 32021
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6

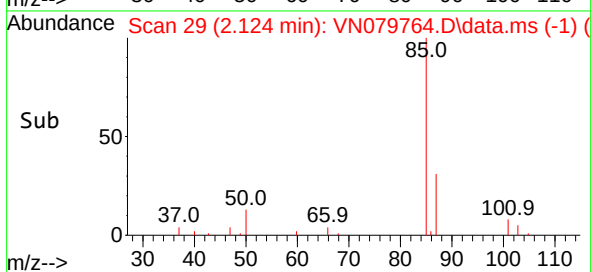
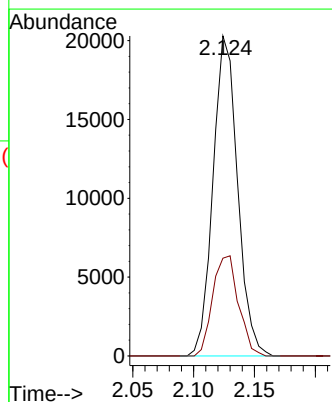
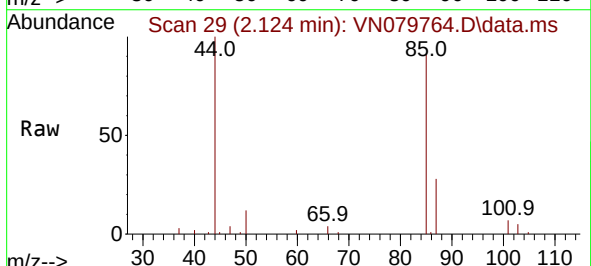
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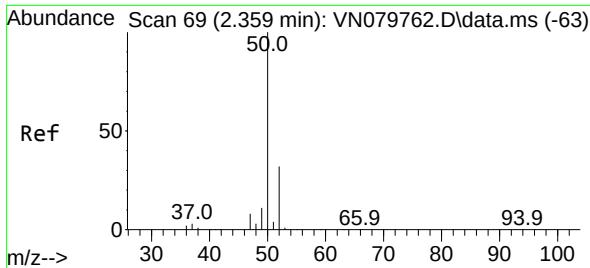
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#2
Dichlorodifluoromethane
Concen: 7.377 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

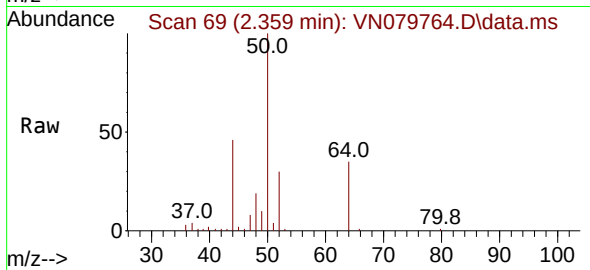
Tgt Ion: 85 Resp: 28455
Ion Ratio Lower Upper
85 100
87 30.5 15.8 47.4





#3
Chloromethane
Concen: 7.085 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

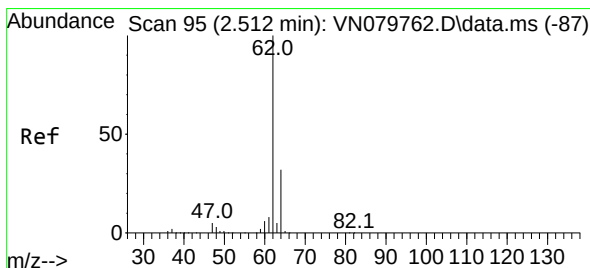
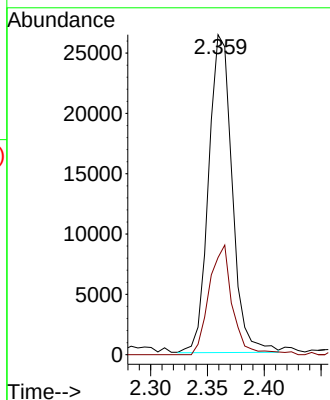
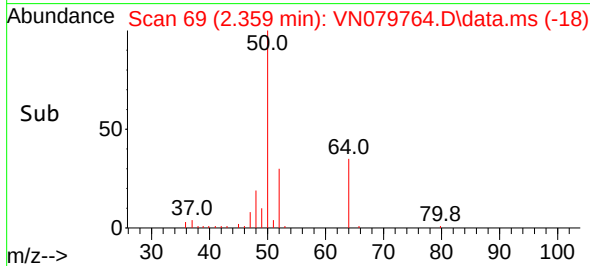
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Tgt Ion: 50 Resp: 38110
Ion Ratio Lower Upper
50 100
52 30.6 26.5 39.7

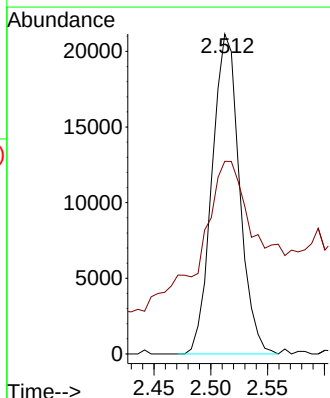
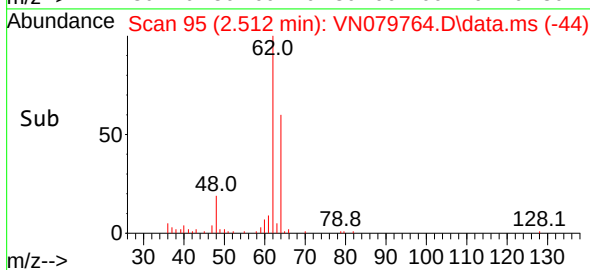
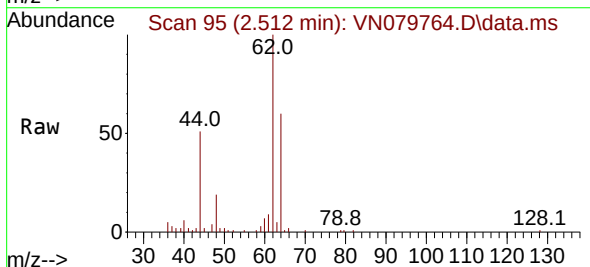
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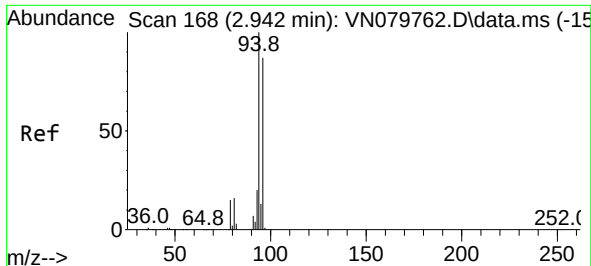
Reviewed By :John Carlone 11/02/2023
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#4
Vinyl Chloride
Concen: 7.045 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

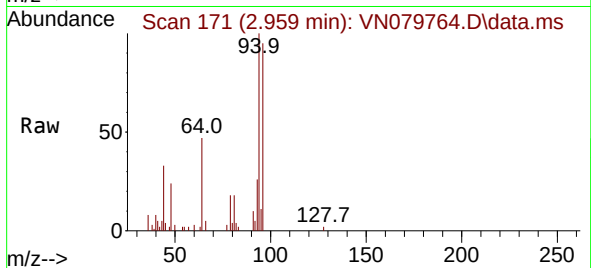
Tgt Ion: 62 Resp: 35571
Ion Ratio Lower Upper
62 100
64 35.6 26.2 39.2





#5
Bromomethane
Concen: 7.539 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.018 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

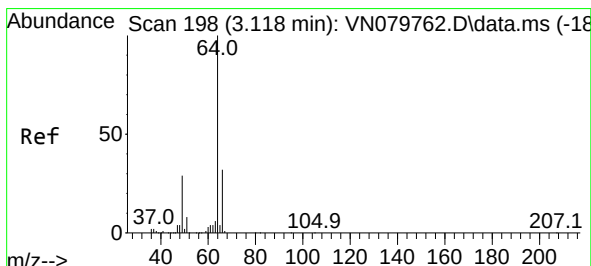
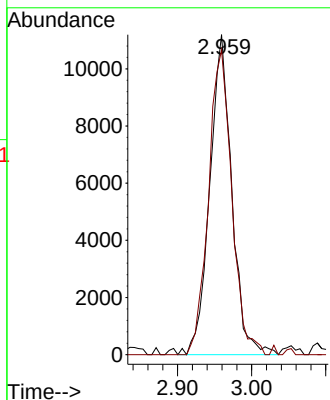
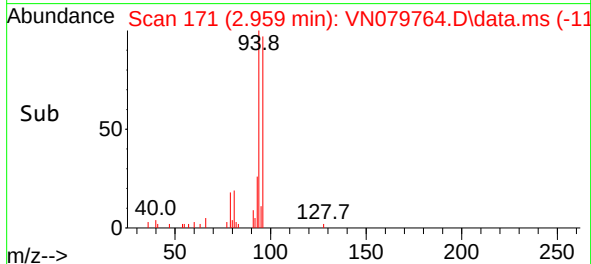
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Tgt Ion: 94 Resp: 23120
Ion Ratio Lower Upper
94 100
96 95.3 73.1 109.7

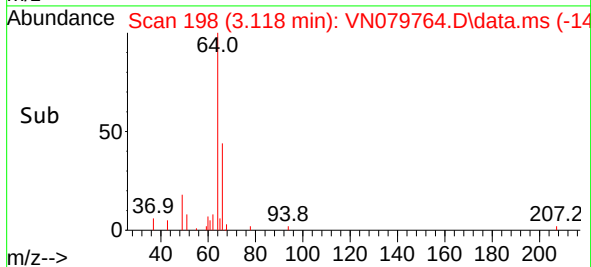
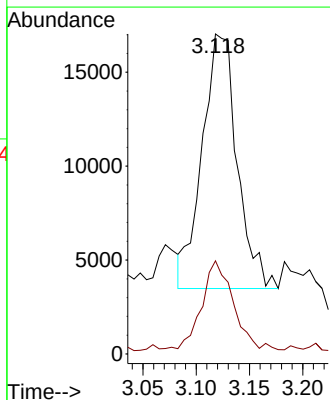
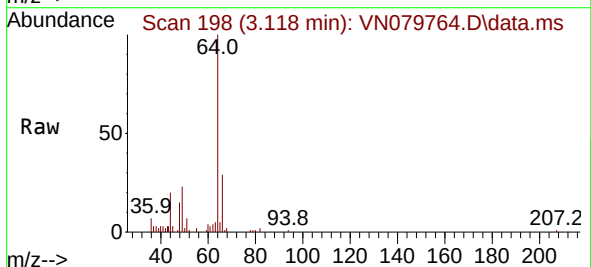
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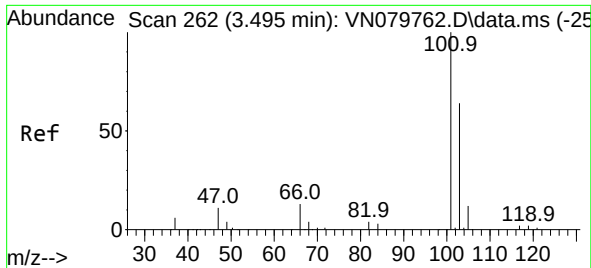
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#6
Chloroethane
Concen: 7.890 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN079764.D
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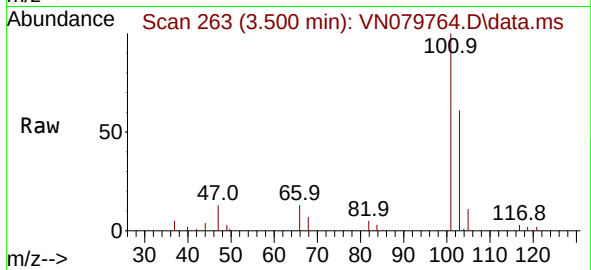
Tgt Ion: 64 Resp: 31002
Ion Ratio Lower Upper
64 100
66 34.8 25.4 38.2





#7
Trichlorofluoromethane
Concen: 6.935 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN079764.D
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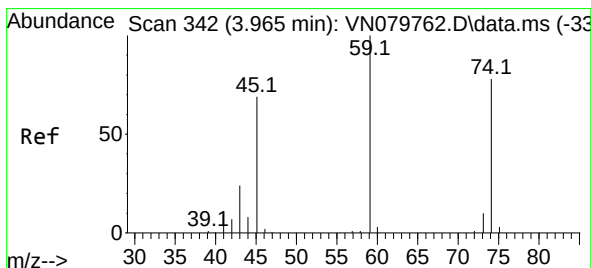
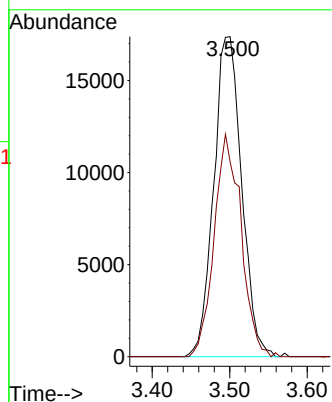
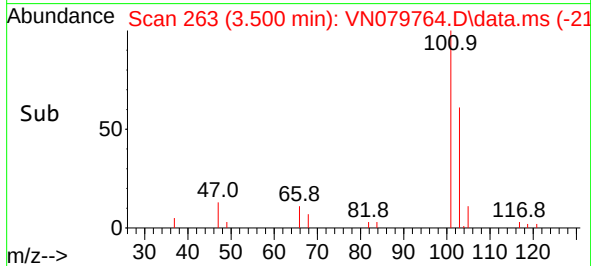
Instrument :
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Tgt Ion:101 Resp: 4354
Ion Ratio Lower Upper
101 100
103 60.8 50.7 76.1

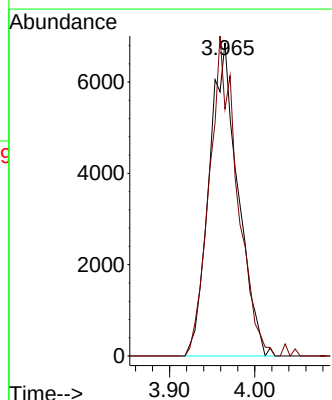
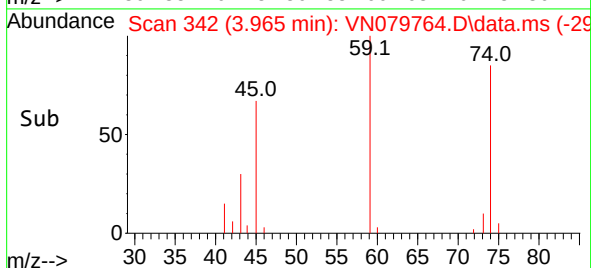
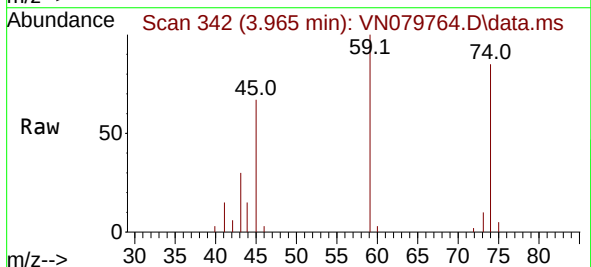
Manual Integrations
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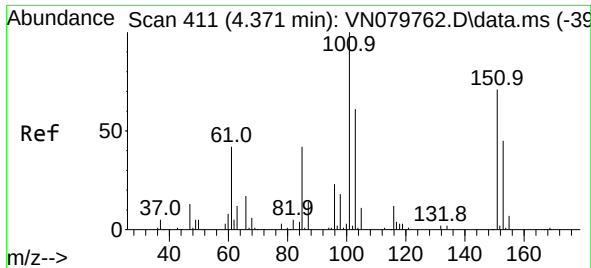
Reviewed By :John Carlone 11/02/2023
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#8
Diethyl Ether
Concen: 6.804 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Tgt Ion: 74 Resp: 16215
Ion Ratio Lower Upper
74 100
45 98.2 34.4 103.3





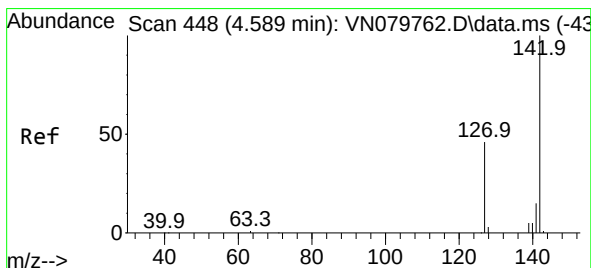
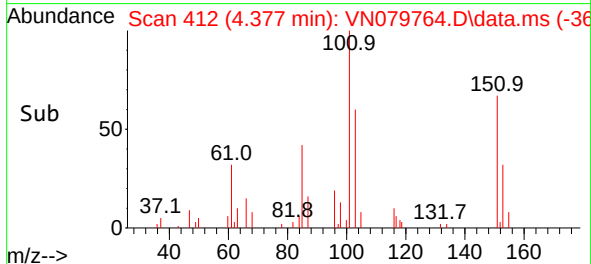
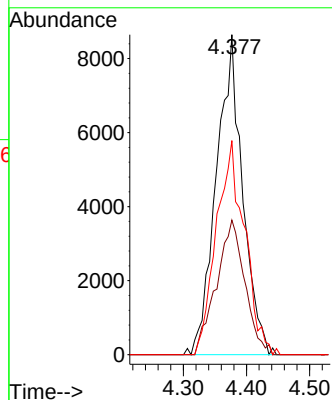
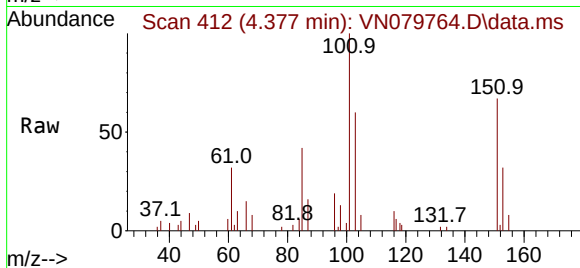
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.859 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079764.D
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ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 2496
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 72.2 57.6 86.4

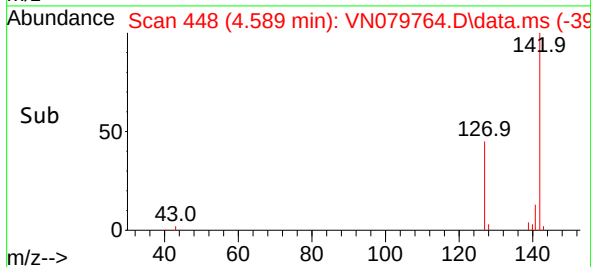
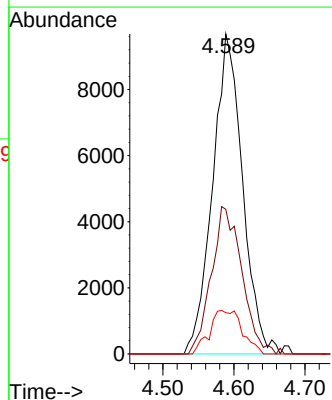
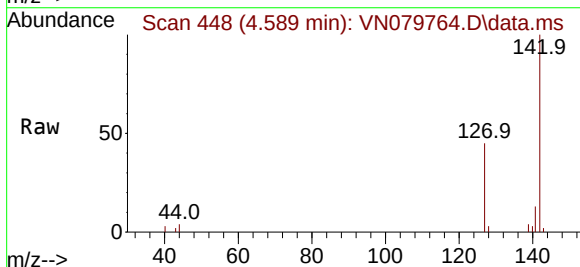
Manual Integrations
APPROVED

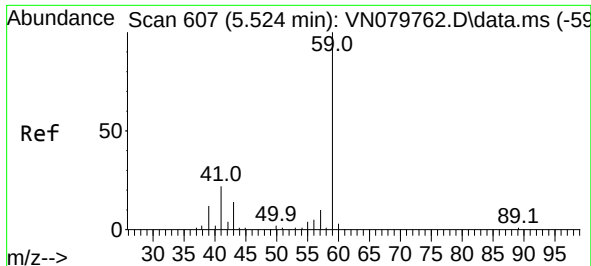
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#10
Methyl Iodide
Concen: 6.807 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

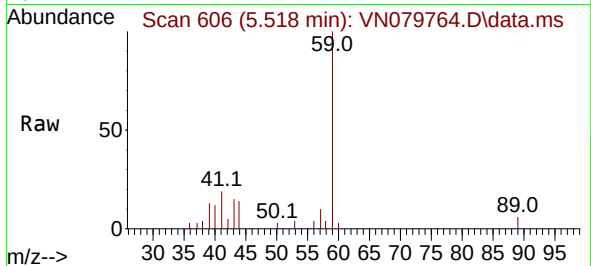
Tgt Ion:142 Resp: 28299
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 12.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 37.324 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

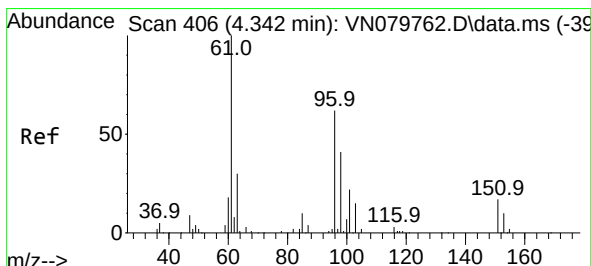
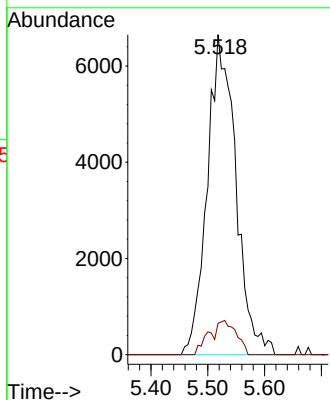
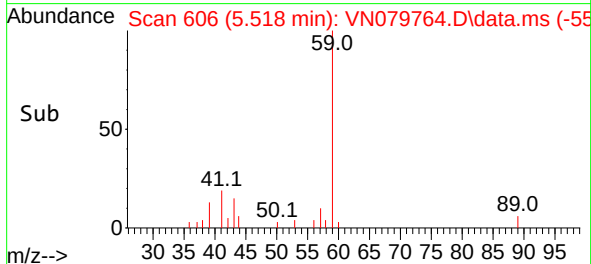
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 59 Resp: 2326
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

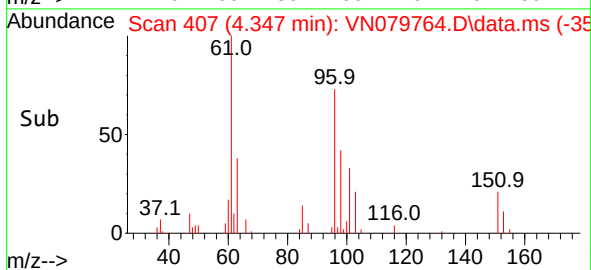
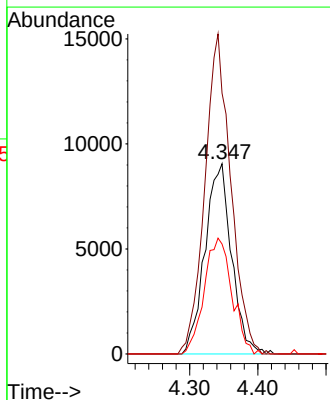
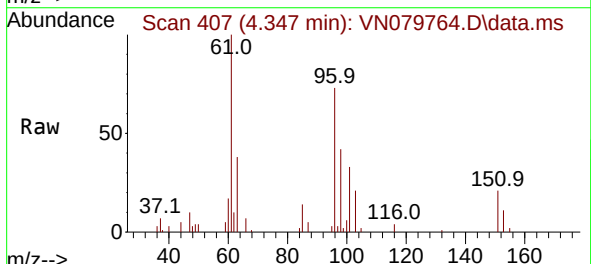
Manual Integrations
APPROVED

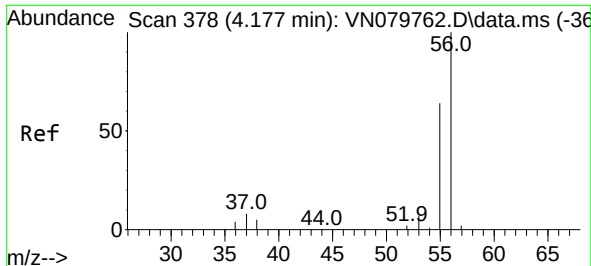
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#12
1,1-Dichloroethene
Concen: 7.134 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Tgt Ion: 96 Resp: 24588
Ion Ratio Lower Upper
96 100
61 137.0 112.7 169.1
98 57.7 51.2 76.8





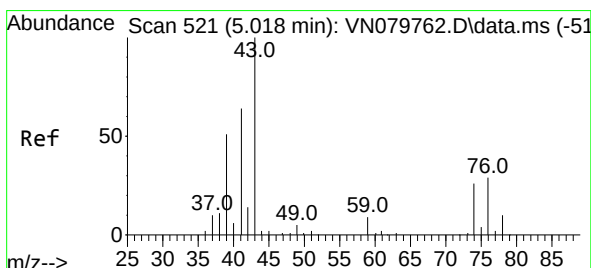
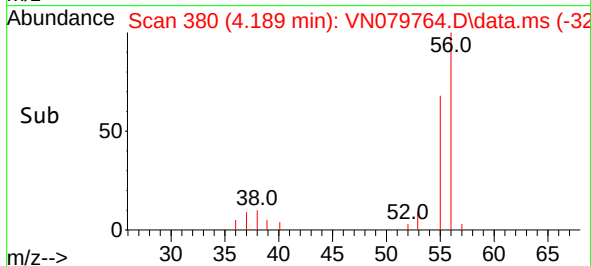
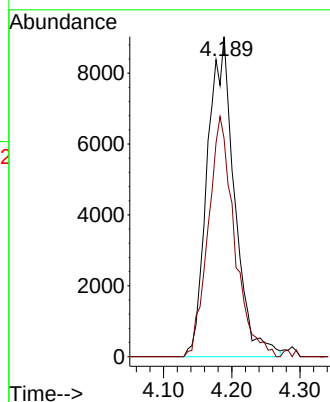
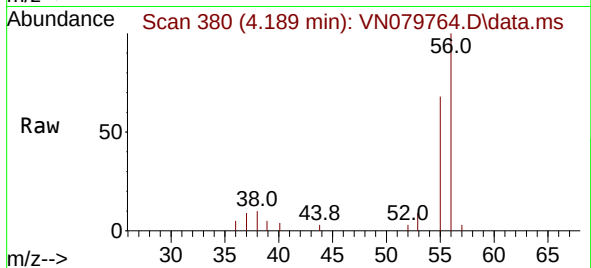
#13
Acrolein
Concen: 49.212 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 25069
Ion Ratio Lower Upper
56 100
55 72.6 54.5 81.7

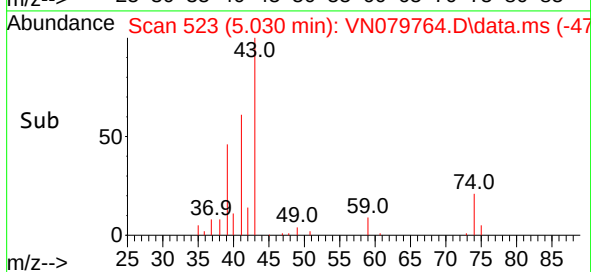
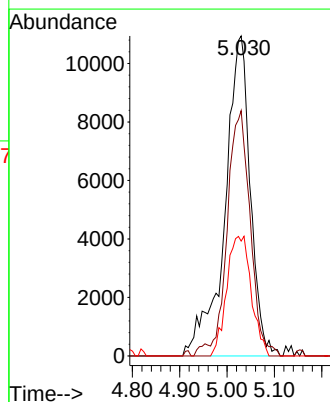
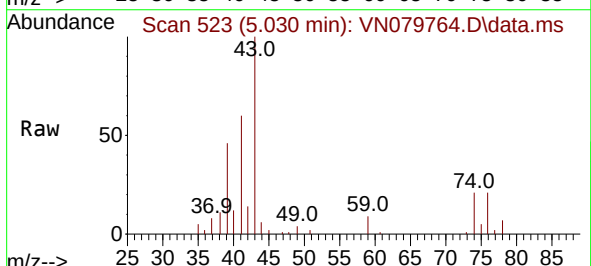
Manual Integrations
APPROVED

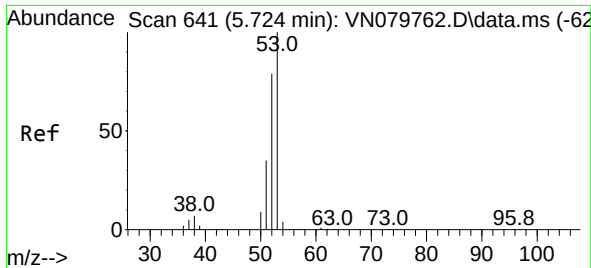
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#14
Allyl chloride
Concen: 7.376 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

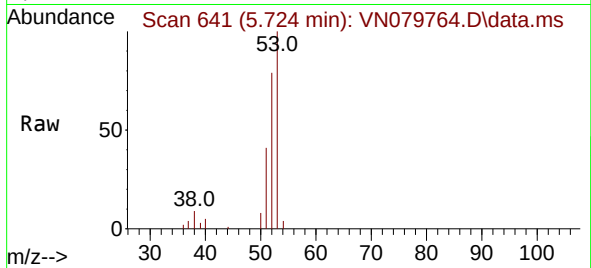
Tgt Ion: 41 Resp: 41027
Ion Ratio Lower Upper
41 100
39 69.3 58.8 88.2
76 35.8 39.1 58.7#





#15
Acrylonitrile
Concen: 34.483 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

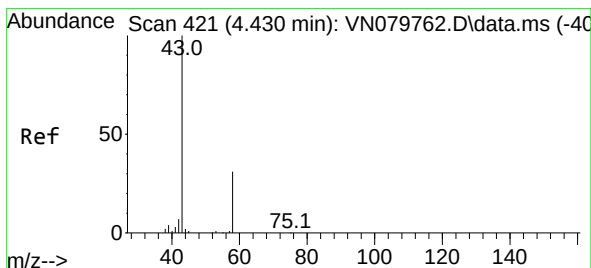
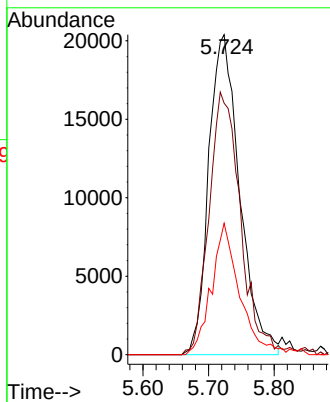
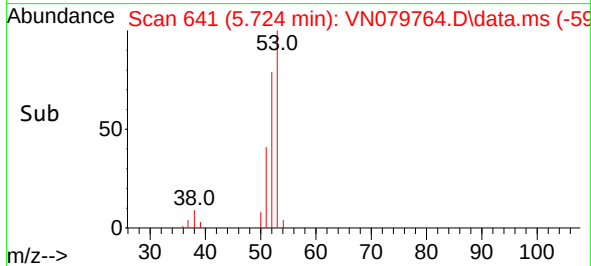
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 53 Resp: 66924
Ion Ratio Lower Upper
53 100
52 83.3 65.3 97.9
51 37.2 28.9 43.3

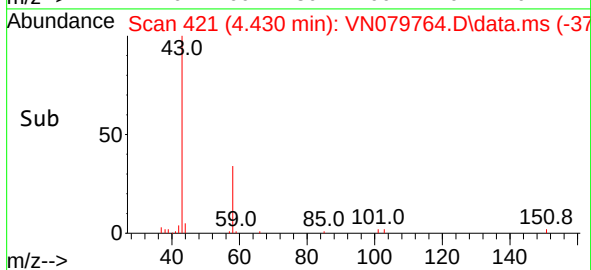
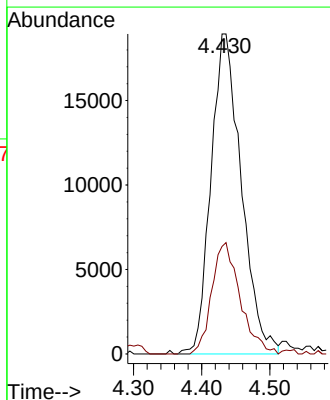
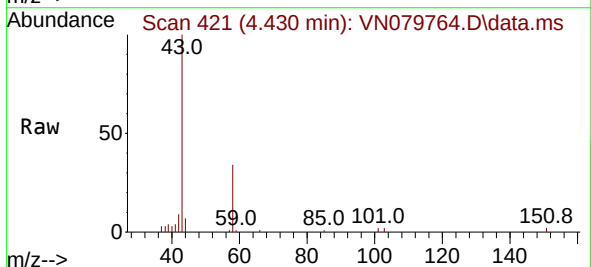
Manual Integrations
APPROVED

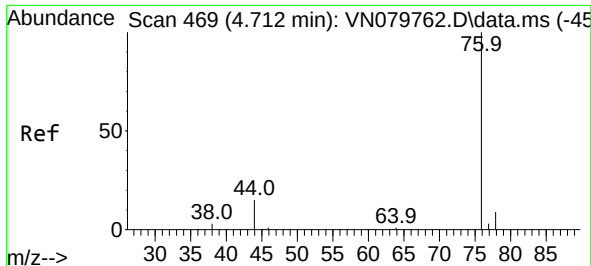
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#16
Acetone
Concen: 34.321 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

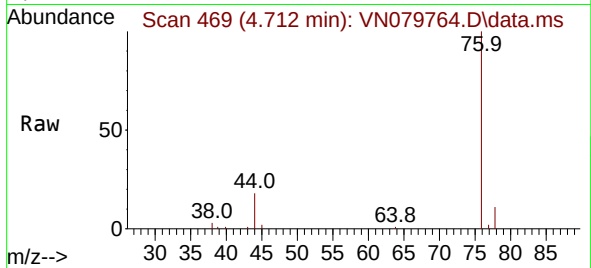
Tgt Ion: 43 Resp: 58814
Ion Ratio Lower Upper
43 100
58 33.6 28.0 42.0





#17
Carbon Disulfide
Concen: 7.110 ug/l
RT: 4.712 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

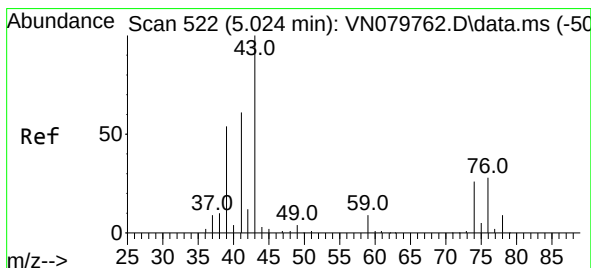
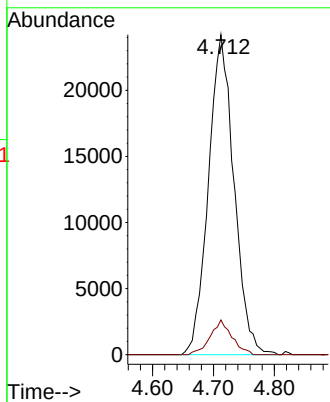
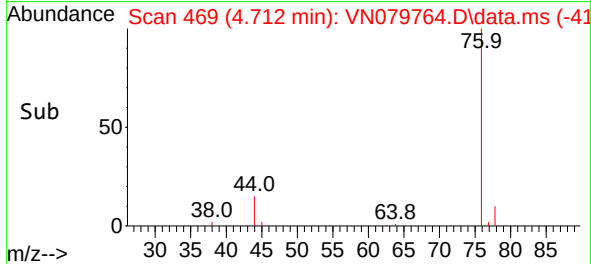
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



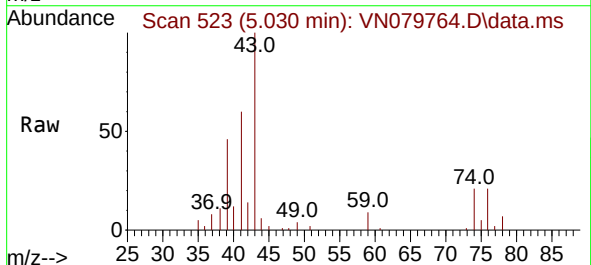
Tgt Ion: 76 Resp: 70684
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.0

Manual Integrations
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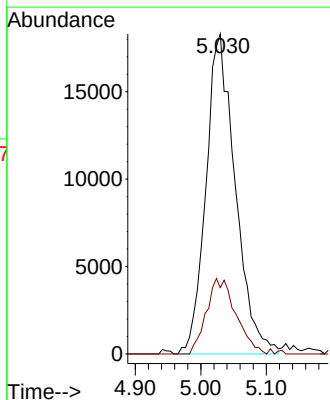
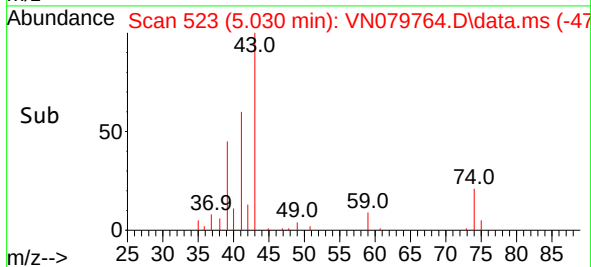
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

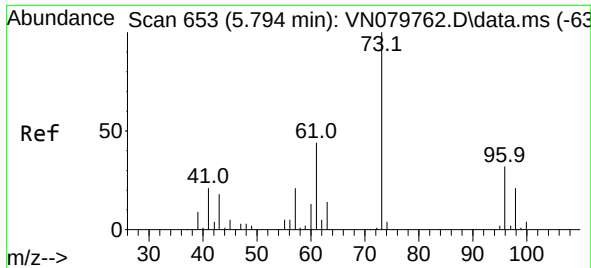


#18
Methyl Acetate
Concen: 6.949 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14



Tgt Ion: 43 Resp: 56975
Ion Ratio Lower Upper
43 100
74 23.6 26.2 39.4#





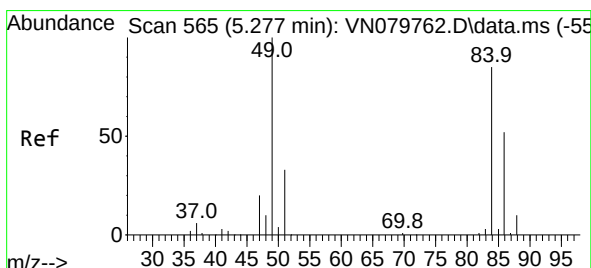
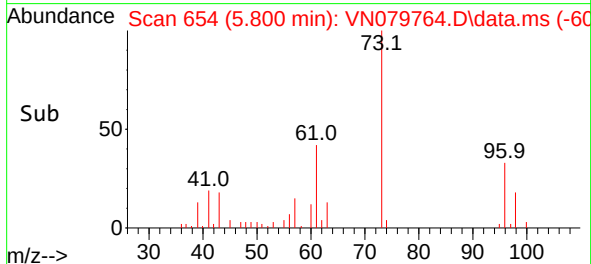
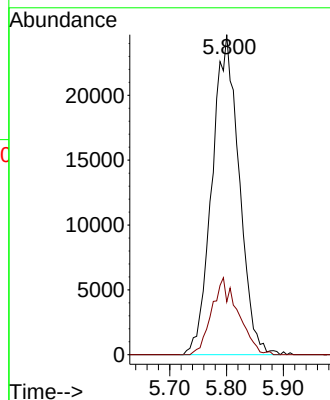
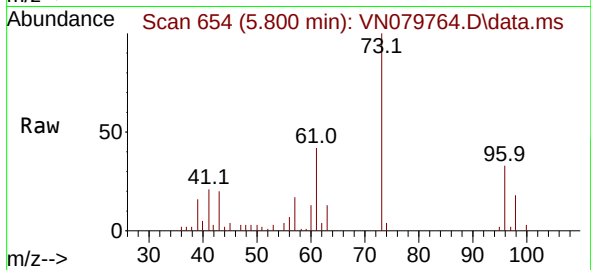
#19
Methyl tert-butyl Ether
Concen: 6.890 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 81764
Ion Ratio Lower Upper
73 100
57 16.5 15.6 23.4

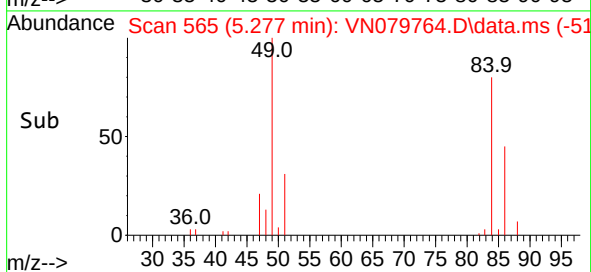
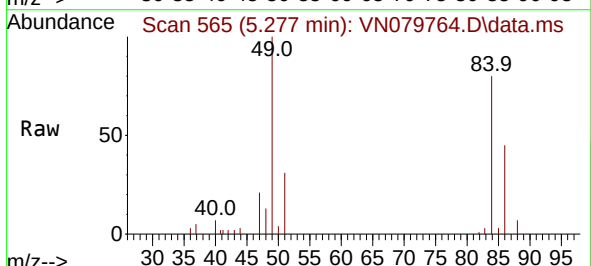
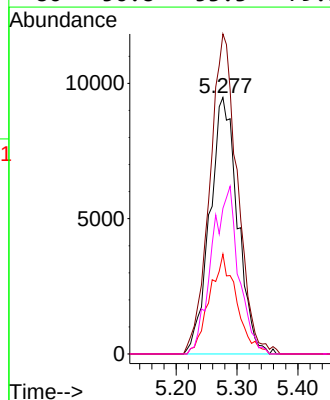
Manual Integrations
APPROVED

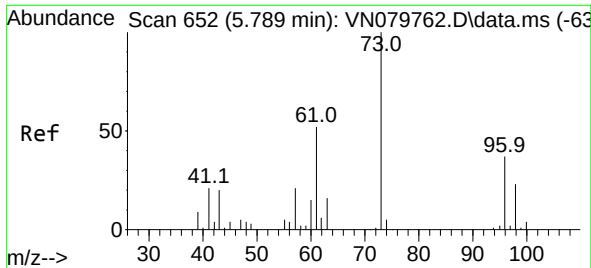
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#20
Methylene Chloride
Concen: 6.947 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Tgt Ion: 84 Resp: 30040
Ion Ratio Lower Upper
84 100
49 124.8 79.7 119.5#
51 38.9 25.2 37.8#
86 56.8 53.3 79.9





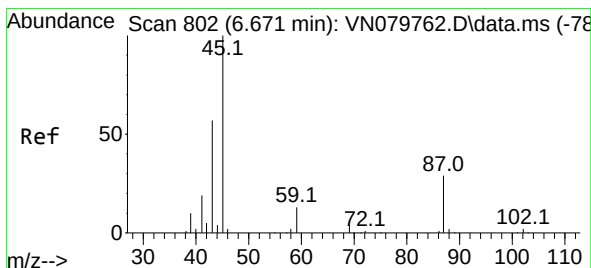
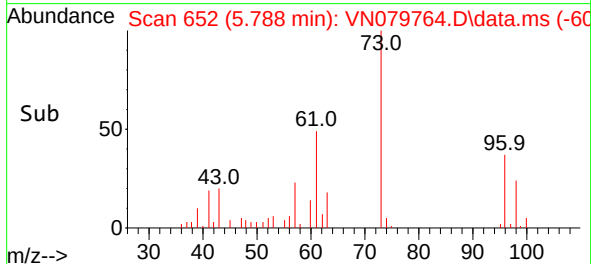
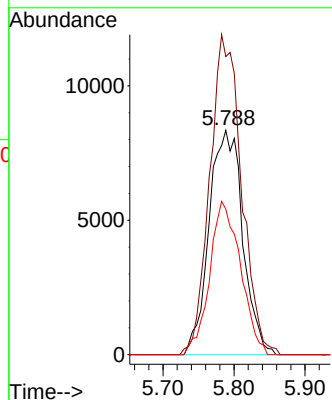
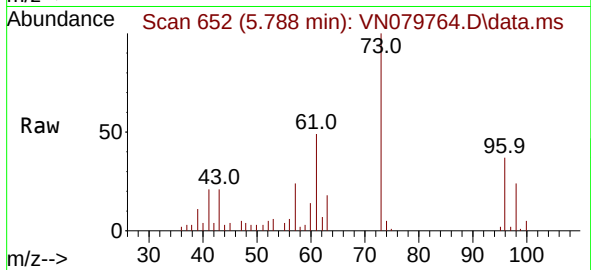
#21
trans-1,2-Dichloroethene
Concen: 7.134 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 27424
Ion Ratio Lower Upper
96 100
61 132.9 90.1 135.1
98 64.8 46.4 69.6

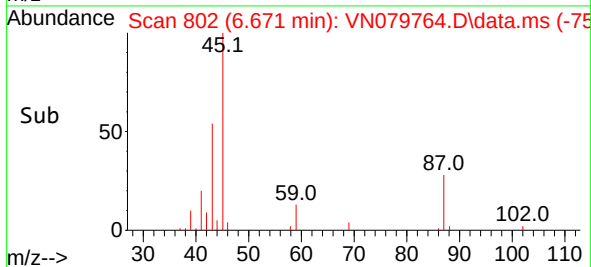
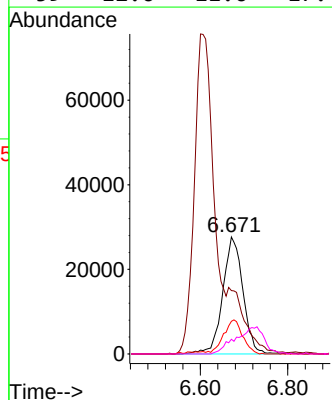
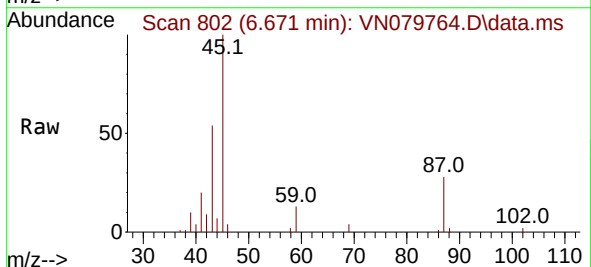
Manual Integrations
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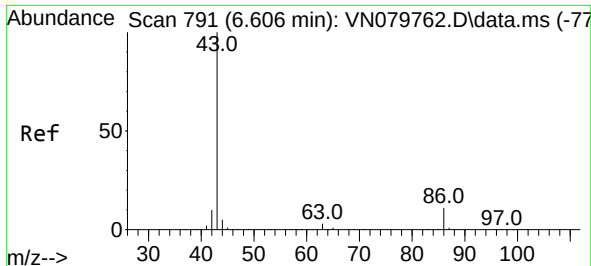
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#22
Diisopropyl ether
Concen: 7.231 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Tgt Ion: 45 Resp: 88462
Ion Ratio Lower Upper
45 100
43 52.5 45.5 68.3
87 27.9 31.8 47.8#
59 12.6 11.6 17.4





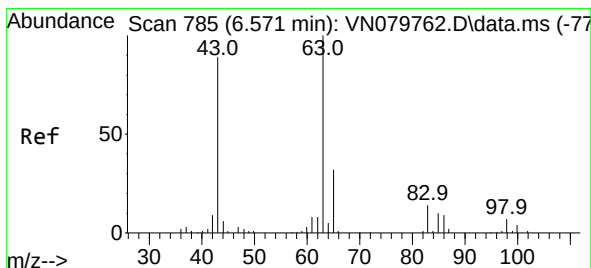
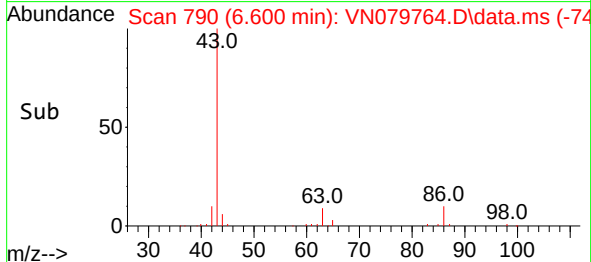
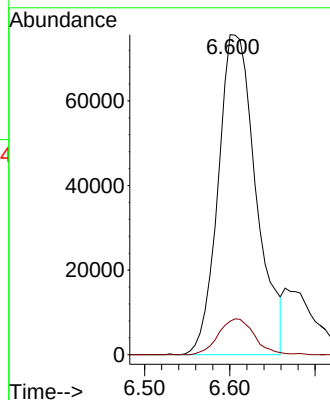
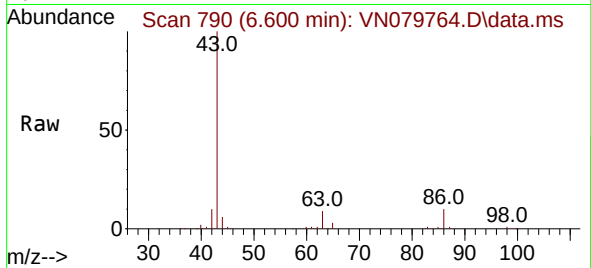
#23
 Vinyl Acetate
 Concen: 33.679 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079764.D
 Acq: 01 Nov 2023 11:14

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC010

Tgt Ion: 43 Resp: 23403
 Ion Ratio Lower Upper
 43 100
 86 10.4 13.0 19.6

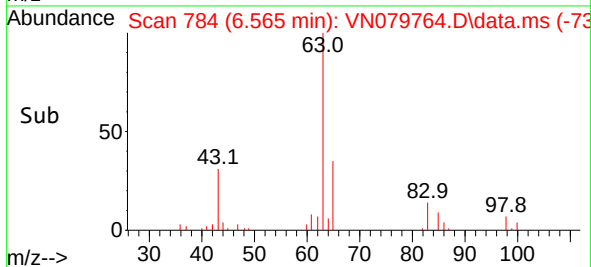
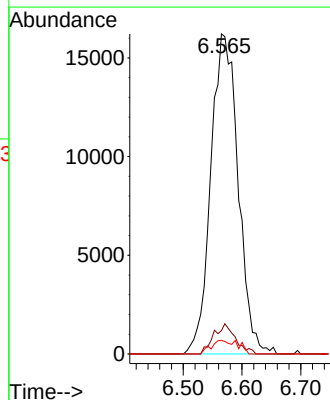
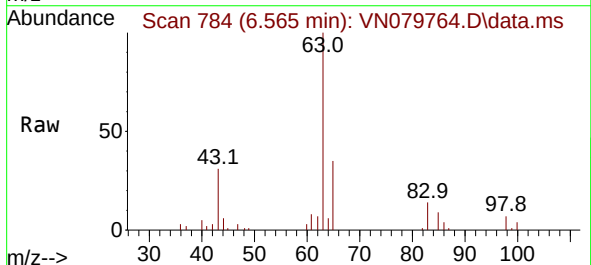
Manual Integrations
 APPROVED

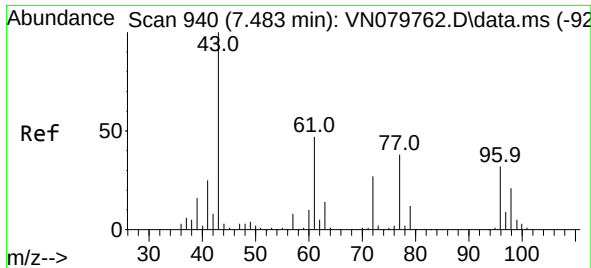
Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023



#24
 1,1-Dichloroethane
 Concen: 7.047 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN079764.D
 Acq: 01 Nov 2023 11:14

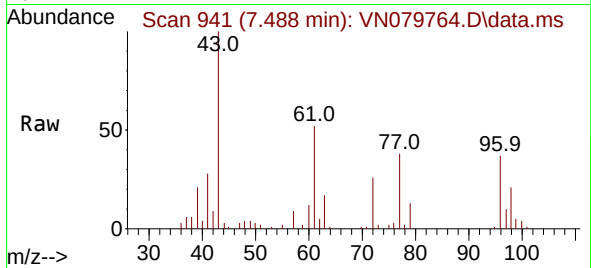
Tgt Ion: 63 Resp: 52401
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.2 2.5 7.4





#25
2-Butanone
Concen: 35.858 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

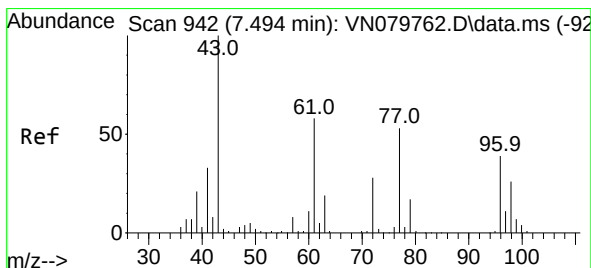
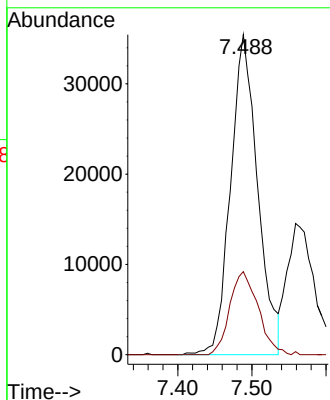
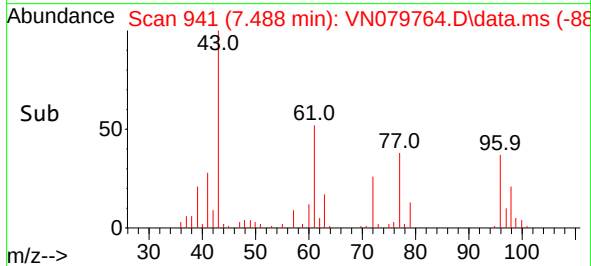
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010



Tgt Ion: 43 Resp: 8998
Ion Ratio Lower Upper
43 100
72 26.0 30.2 45.2

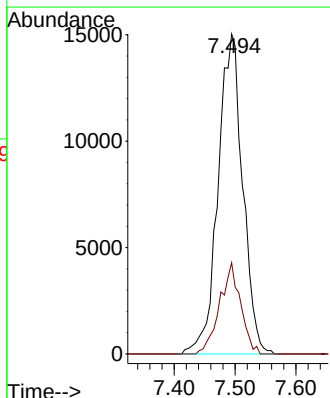
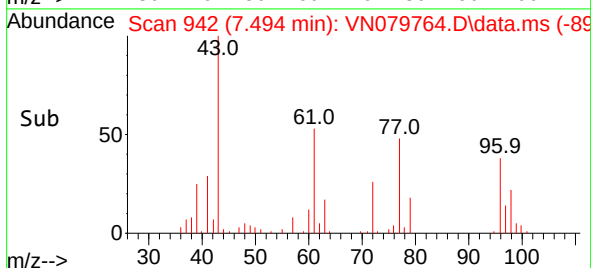
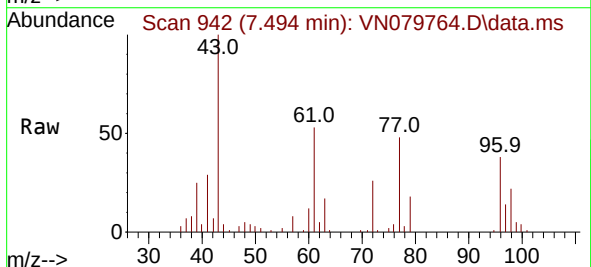
Manual Integrations
APPROVED

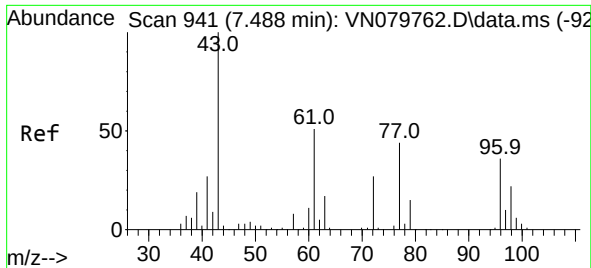
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#26
2,2-Dichloropropane
Concen: 6.878 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

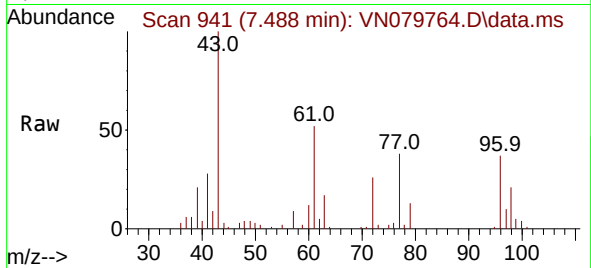
Tgt Ion: 77 Resp: 42298
Ion Ratio Lower Upper
77 100
97 24.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 7.016 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN079764.D
 Acq: 01 Nov 2023 11:14

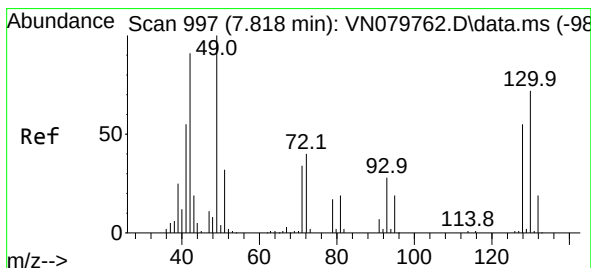
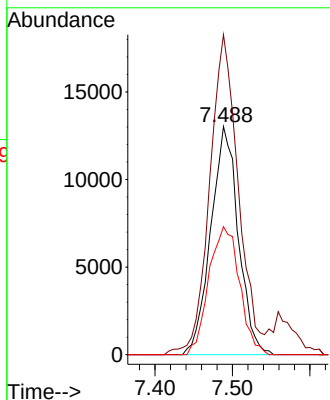
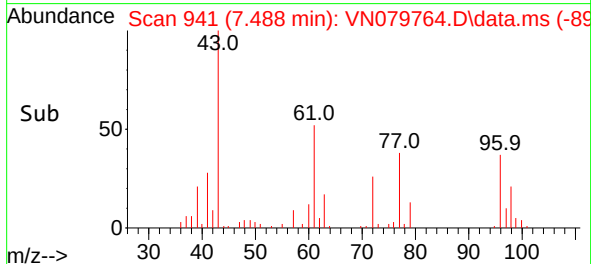
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 32260
 Ion Ratio Lower Upper
 96 100
 61 146.0 0.0 255.2
 98 62.5 0.0 128.8

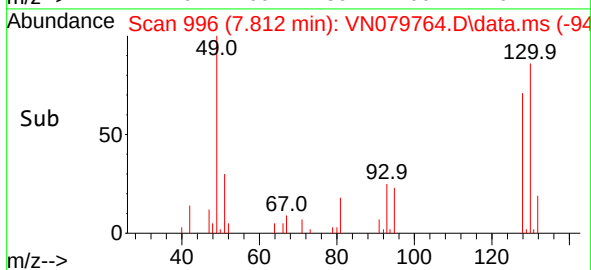
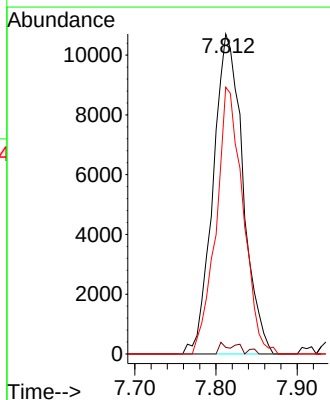
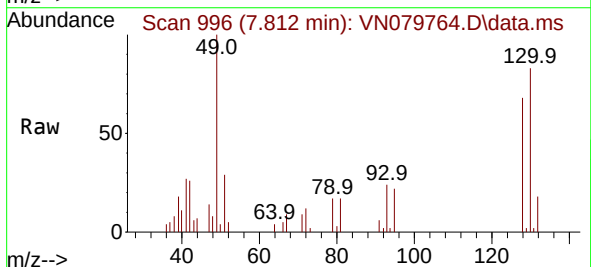
Manual Integrations
 APPROVED

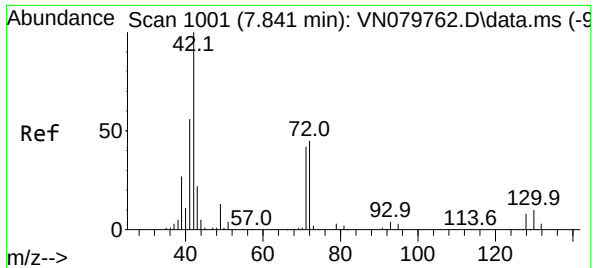
Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023



#28
 Bromochloromethane
 Concen: 7.545 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN079764.D
 Acq: 01 Nov 2023 11:14

Tgt Ion: 49 Resp: 27343
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.8
 130 75.3 75.3 112.9#





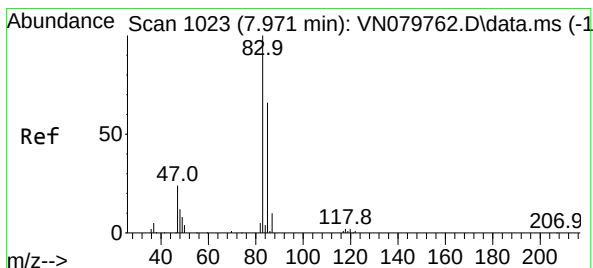
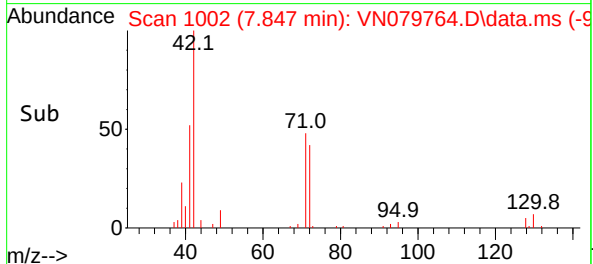
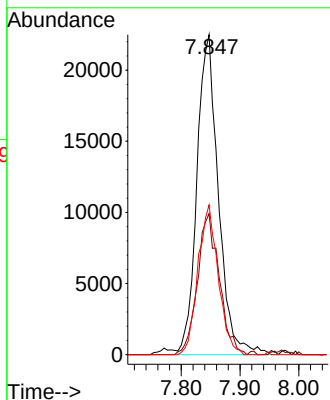
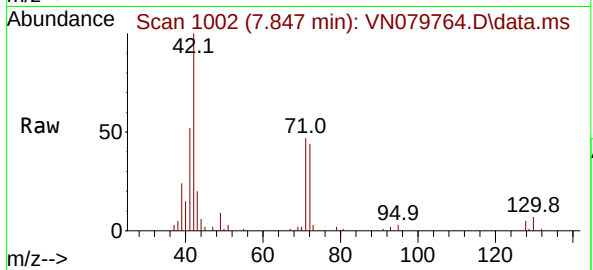
#29
Tetrahydrofuran
Concen: 35.053 ug/l
RT: 7.847 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 42 Resp: 57228
Ion Ratio Lower Upper
42 100
72 44.7 49.8 74.6
71 44.0 47.4 71.2

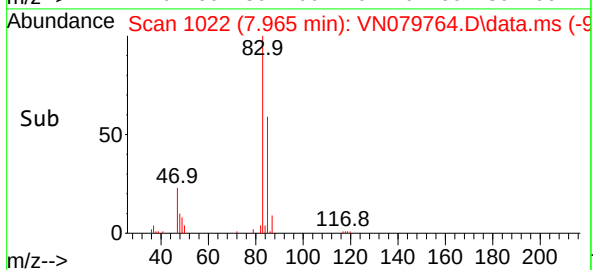
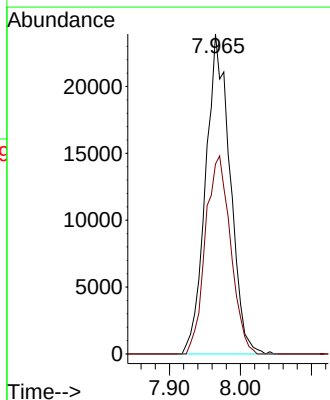
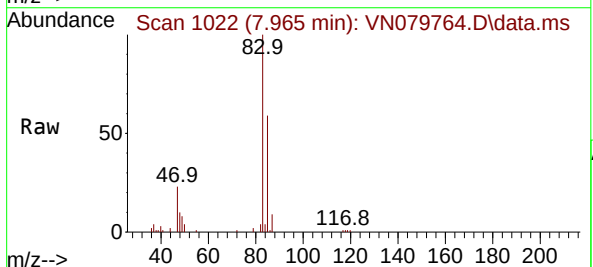
Manual Integrations
APPROVED

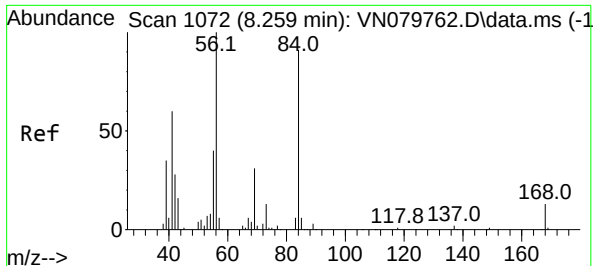
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#30
Chloroform
Concen: 7.051 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

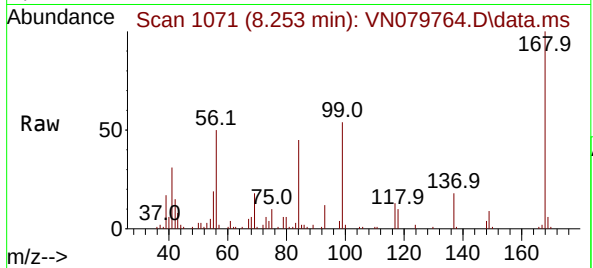
Tgt Ion: 83 Resp: 56954
Ion Ratio Lower Upper
83 100
85 59.3 55.4 83.0





#31
Cyclohexane
Concen: 7.461 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

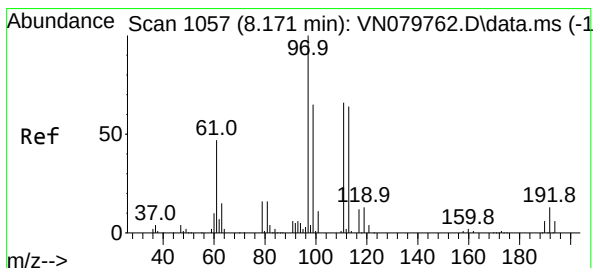
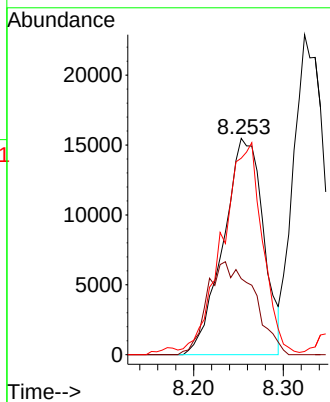
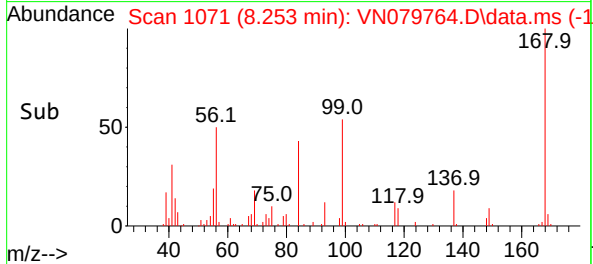
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



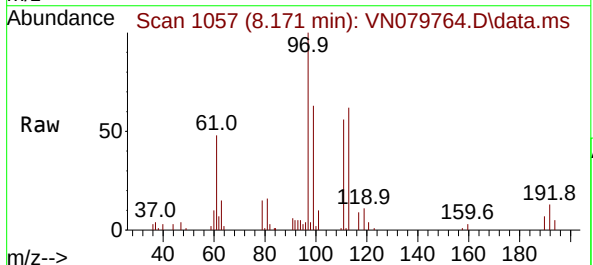
Tgt Ion: 56 Resp: 48098
Ion Ratio Lower Upper
56 100
69 35.1 26.8 40.2
84 88.7 81.8 122.6

Manual Integrations
APPROVED

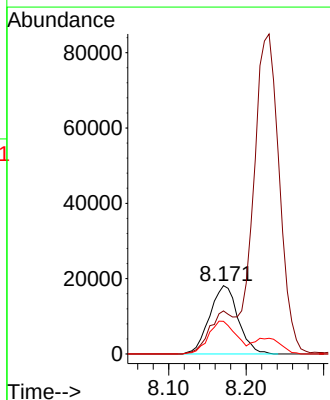
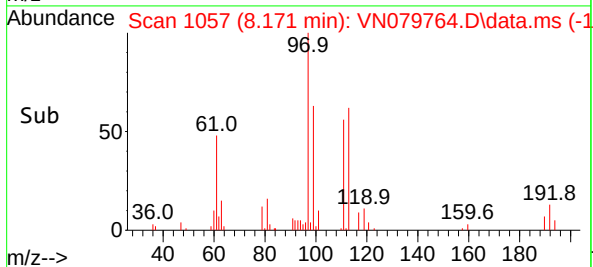
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

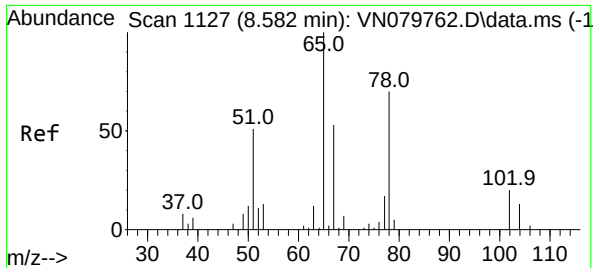


#32
1,1,1-Trichloroethane
Concen: 7.017 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14



Tgt Ion: 97 Resp: 46180
Ion Ratio Lower Upper
97 100
99 50.6 50.3 75.5
61 46.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 6.647 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079764.D

Acq: 01 Nov 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 32430

Ion Ratio Lower Upper

65 100

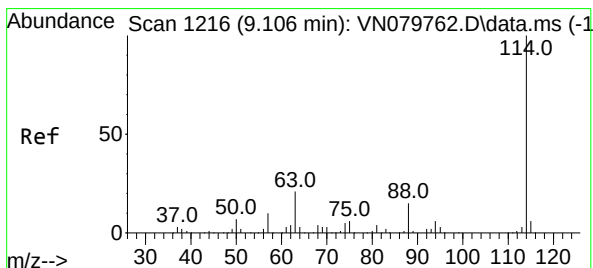
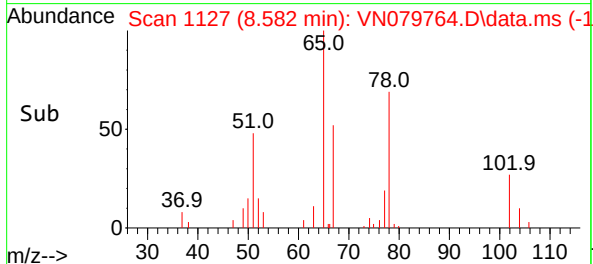
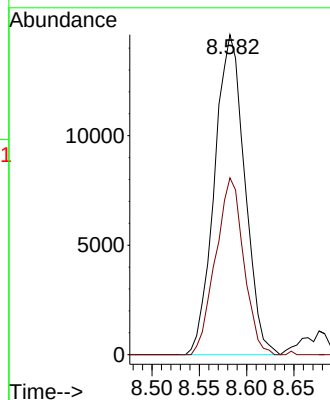
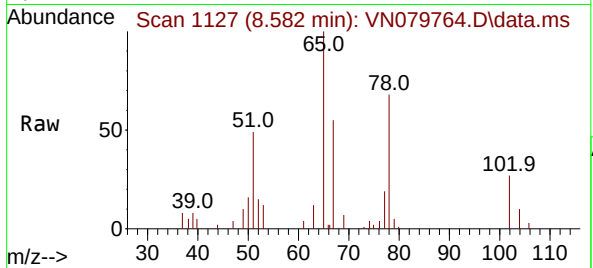
67 51.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079764.D

Acq: 01 Nov 2023 11:14

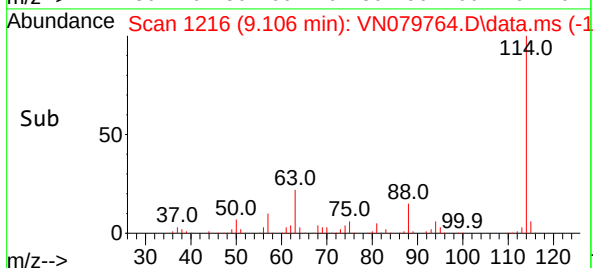
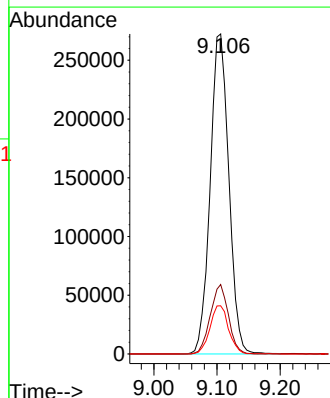
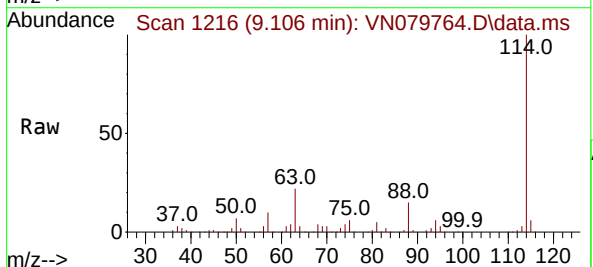
Tgt Ion:114 Resp: 558865

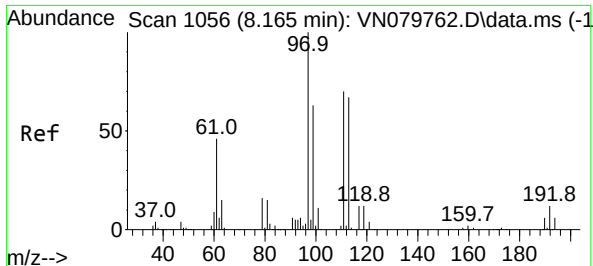
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 6.910 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN079764.D

Acq: 01 Nov 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:113 Resp: 2733

Ion Ratio Lower Upper

113 100

111 100.8 82.6 123.8

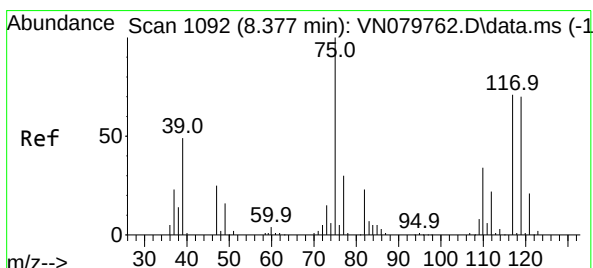
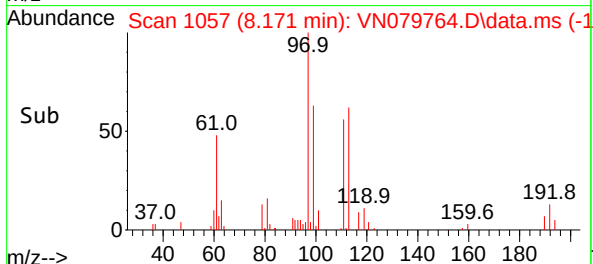
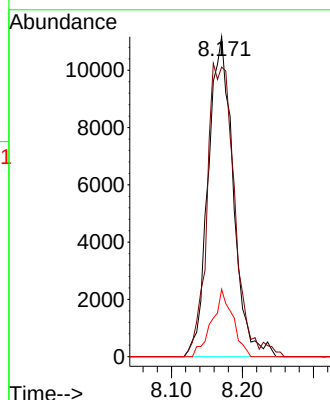
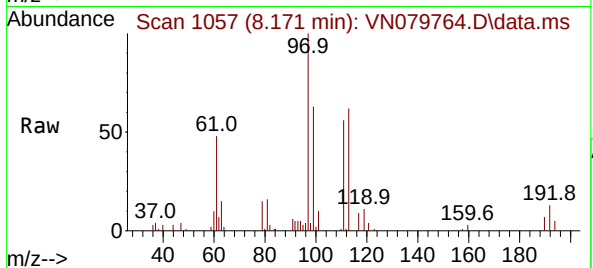
192 17.6 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#36

1,1-Dichloropropene

Concen: 6.878 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN079764.D

Acq: 01 Nov 2023 11:14

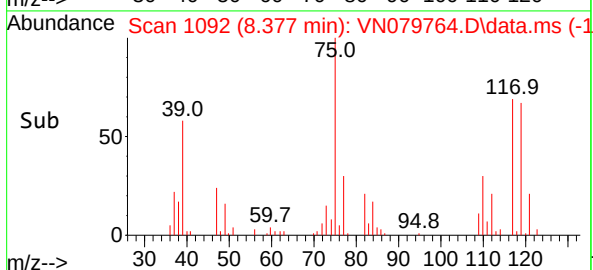
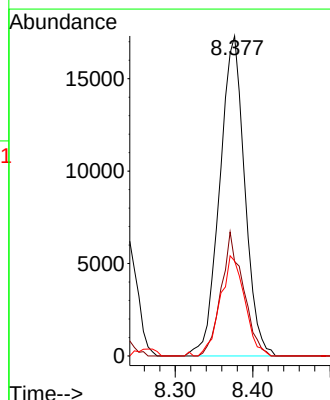
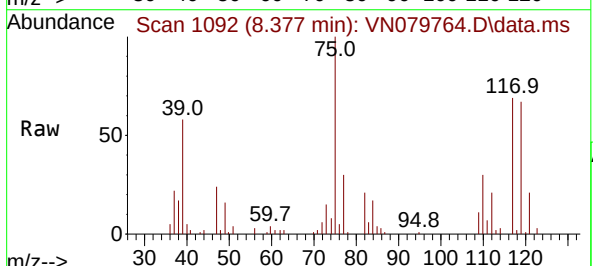
Tgt Ion: 75 Resp: 38847

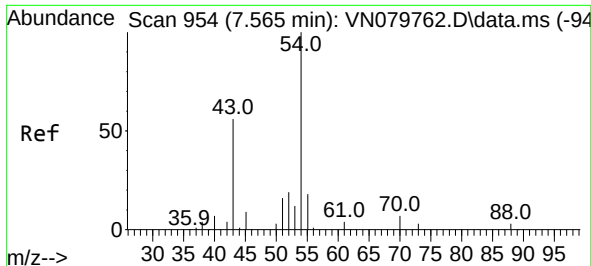
Ion Ratio Lower Upper

75 100

110 34.4 19.1 57.3

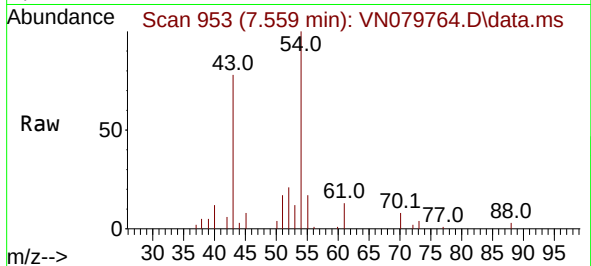
77 30.6 25.0 37.4





#37
Ethyl Acetate
Concen: 7.483 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

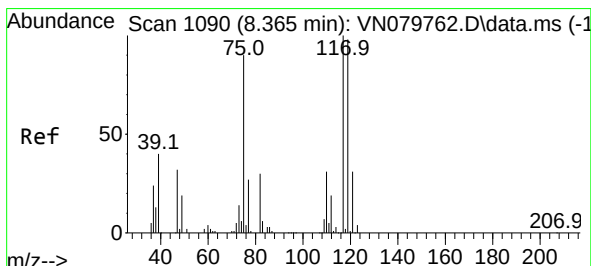
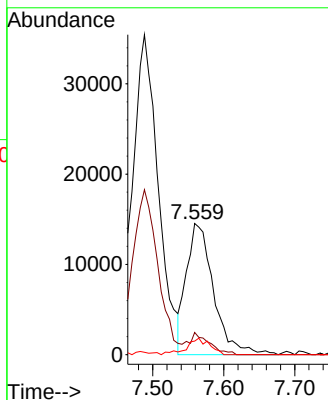
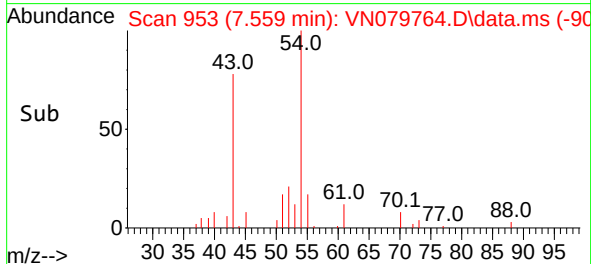
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



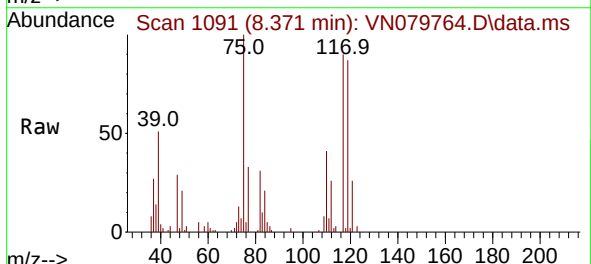
Tgt Ion: 43 Resp: 38758
Ion Ratio Lower Upper
43 100
61 12.6 13.2 19.8
70 10.5 11.3 16.9

Manual Integrations
APPROVED

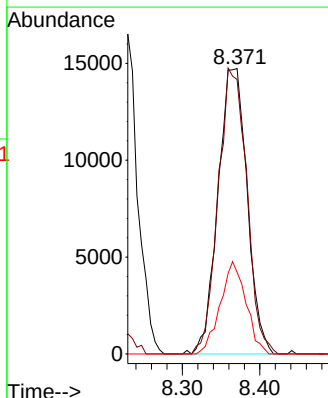
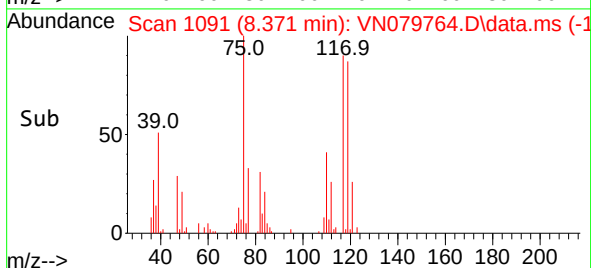
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

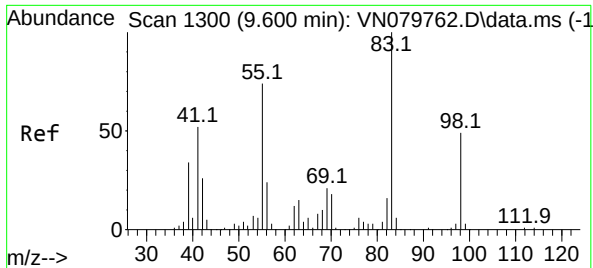


#38
Carbon Tetrachloride
Concen: 6.764 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14



Tgt Ion:117 Resp: 38500
Ion Ratio Lower Upper
117 100
119 96.2 77.3 115.9
121 28.7 23.3 34.9





#39

Methylcyclohexane

Concen: 6.636 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN079764.D

Acq: 01 Nov 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 83 Resp: 35272

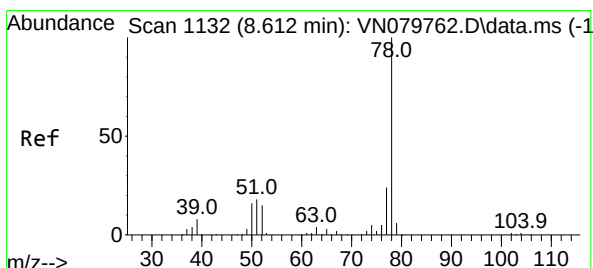
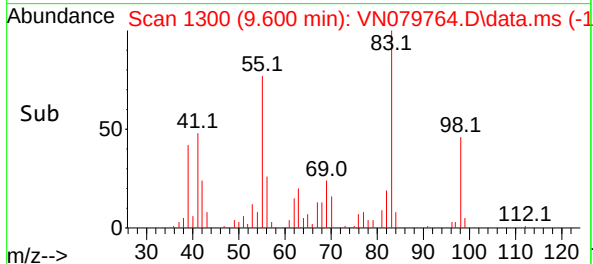
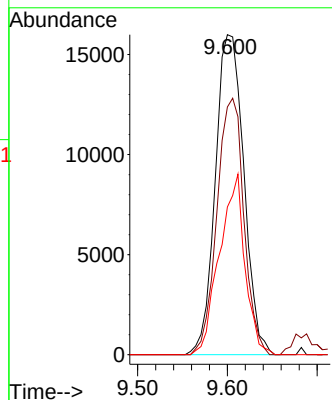
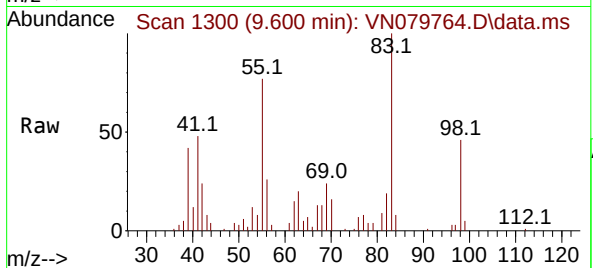
Ion	Ratio	Lower	Upper
83	100		
55	77.4	49.1	73.7
98	46.1	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#40

Benzene

Concen: 6.997 ug/l

RT: 8.612 min Scan# 1132

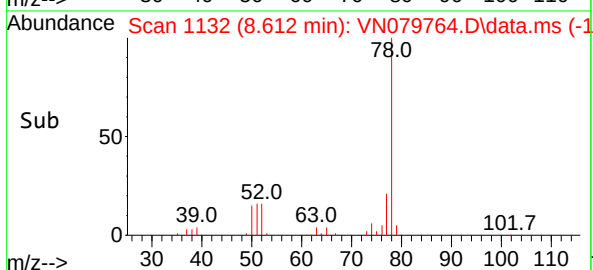
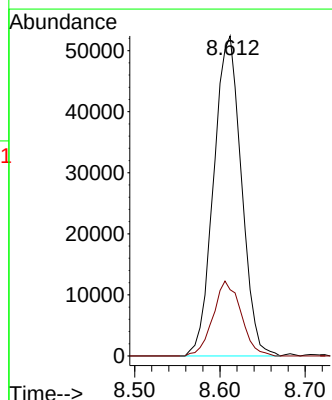
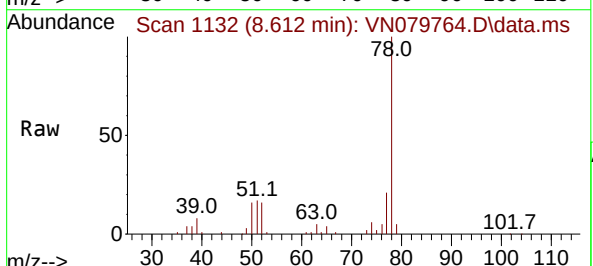
Delta R.T. -0.000 min

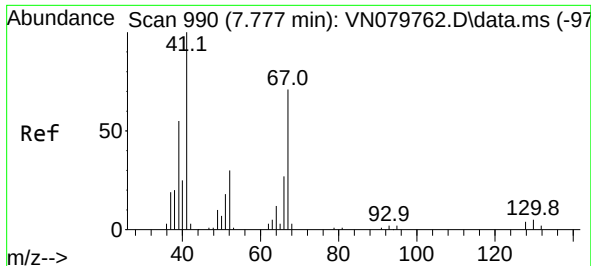
Lab File: VN079764.D

Acq: 01 Nov 2023 11:14

Tgt Ion: 78 Resp: 118363

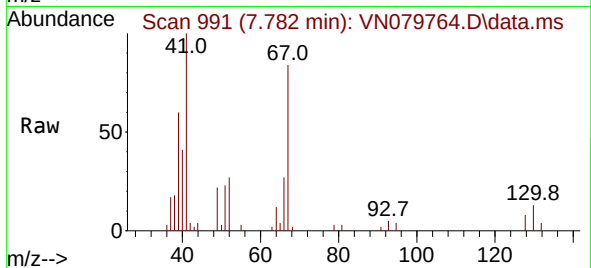
Ion	Ratio	Lower	Upper
78	100		
77	20.7	19.0	28.6





#41
Methacrylonitrile
Concen: 7.359 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

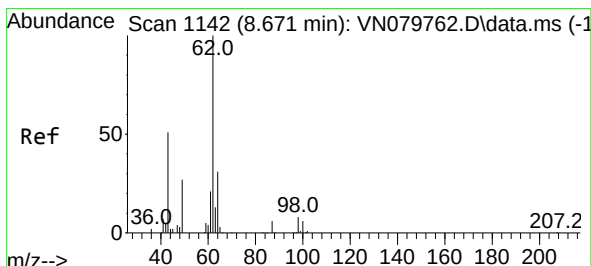
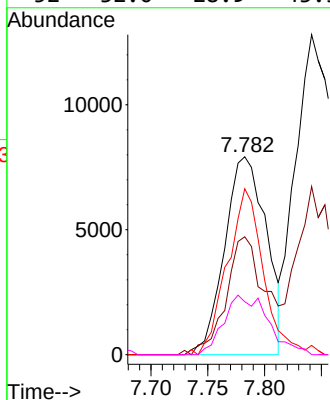
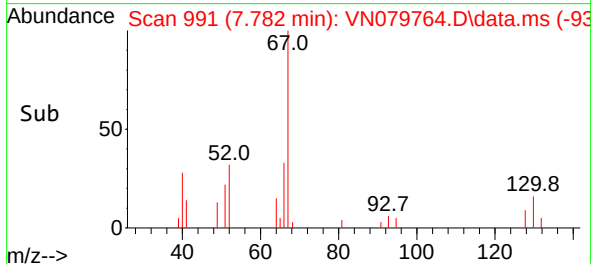
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 41 Resp: 20240
Ion Ratio Lower Upper
41 100
39 55.0 42.6 64.0
67 73.1 77.5 116.3
52 32.0 28.9 43.3

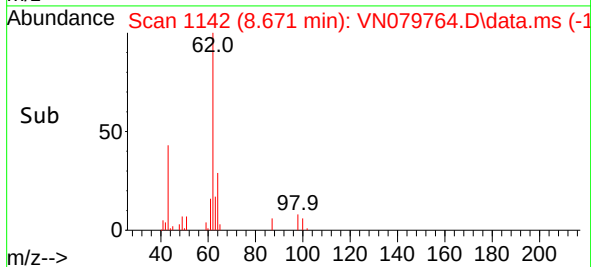
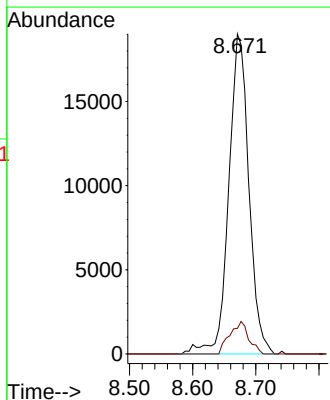
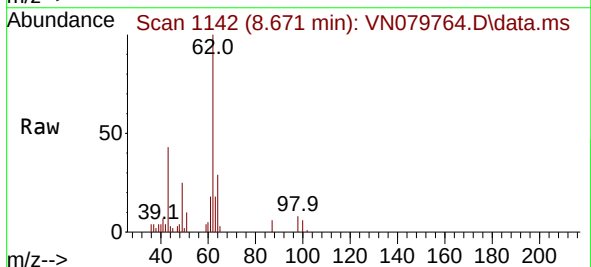
Manual Integrations
APPROVED

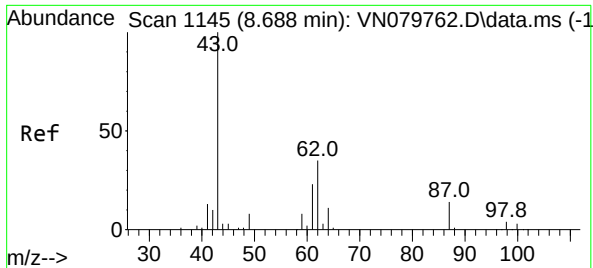
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#42
1,2-Dichloroethane
Concen: 7.133 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Tgt Ion: 62 Resp: 42145
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43

Isopropyl Acetate

Concen: 6.732 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN079764.D

Acq: 01 Nov 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 61152

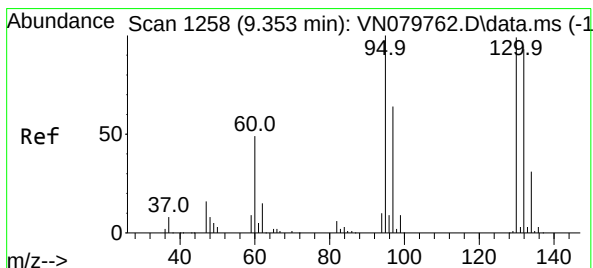
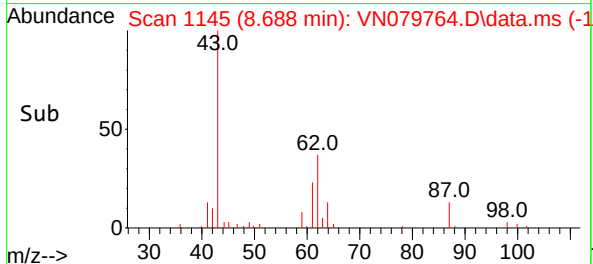
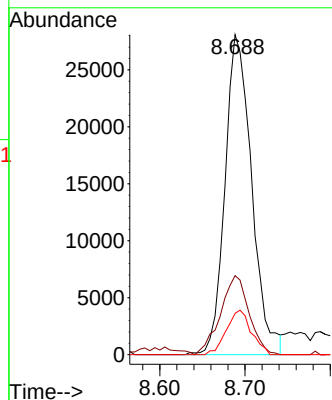
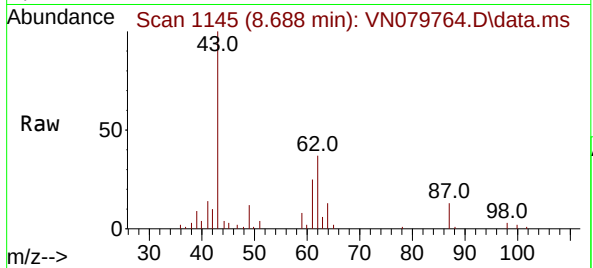
Ion	Ratio	Lower	Upper
43	100		
61	26.4	24.7	37.1
87	13.0	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#44

Trichloroethene

Concen: 6.773 ug/l

RT: 9.359 min Scan# 1259

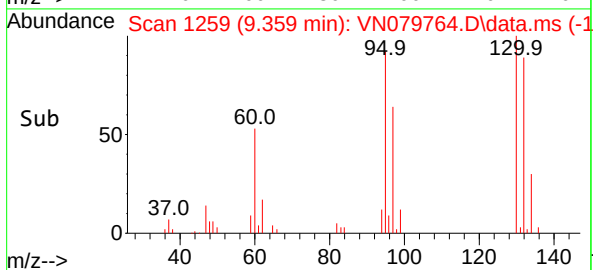
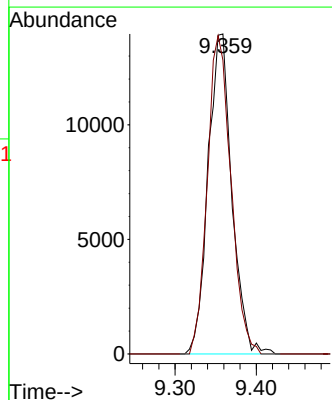
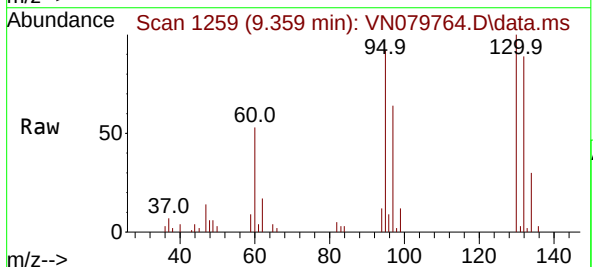
Delta R.T. 0.006 min

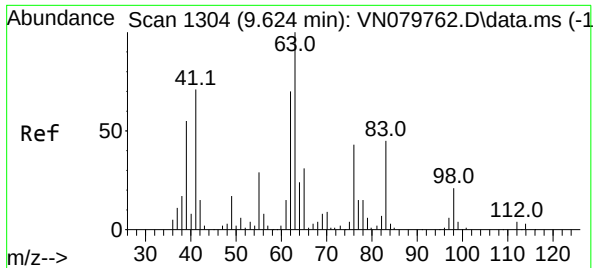
Lab File: VN079764.D

Acq: 01 Nov 2023 11:14

Tgt Ion:130 Resp: 28429

Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	204.6





#45

1,2-Dichloropropane

Concen: 7.279 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079764.D

Acq: 01 Nov 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 31468

Ion Ratio Lower Upper

63 100

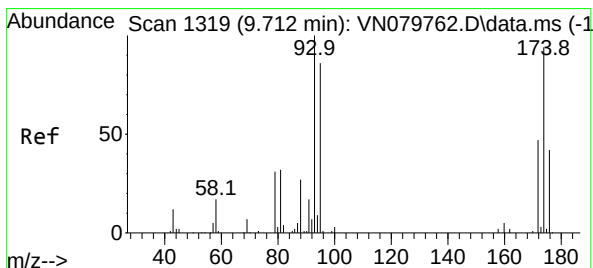
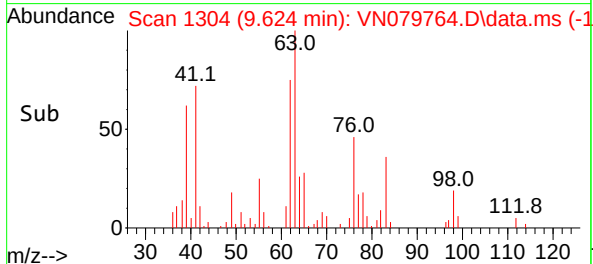
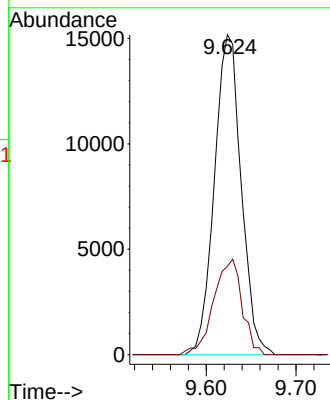
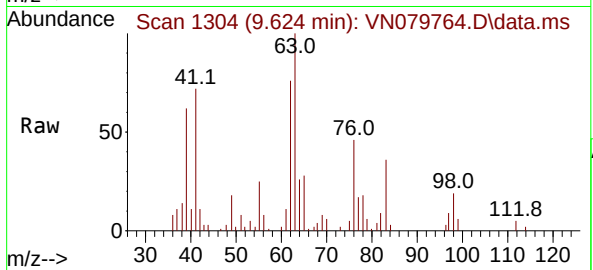
65 27.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#46

Dibromomethane

Concen: 7.364 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079764.D

Acq: 01 Nov 2023 11:14

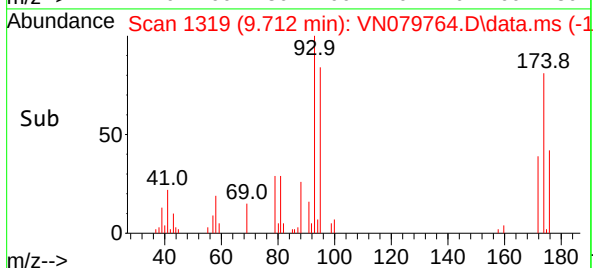
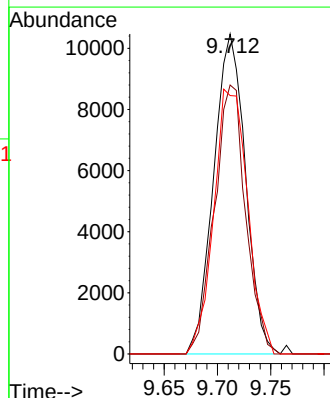
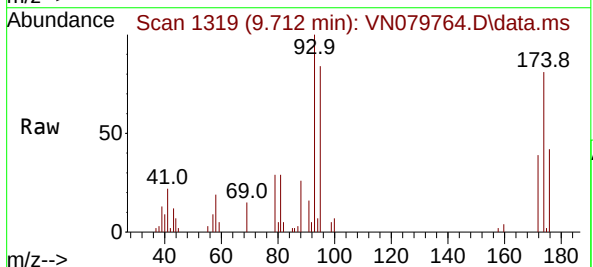
Tgt Ion: 93 Resp: 21737

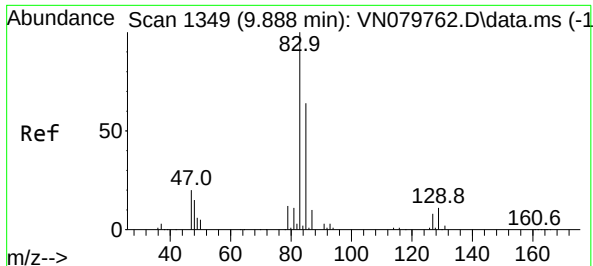
Ion Ratio Lower Upper

93 100

95 82.6 63.8 95.8

174 87.9 65.6 98.4





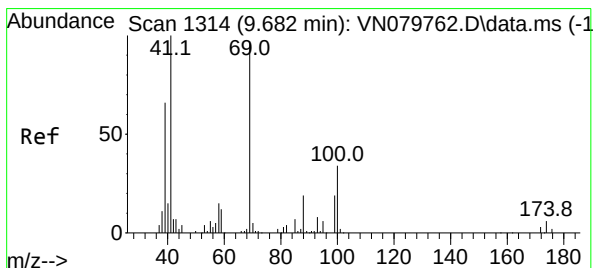
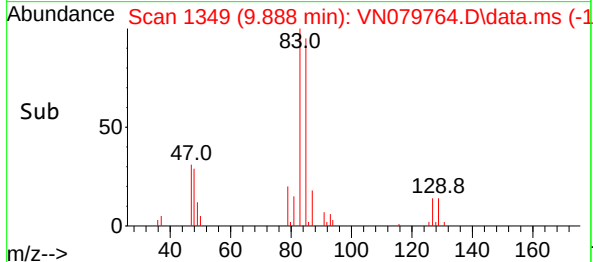
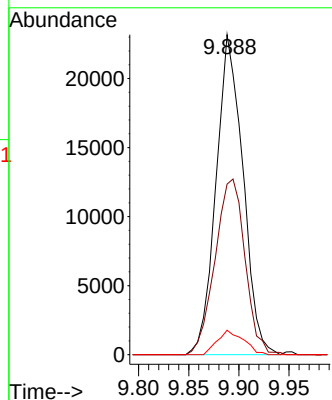
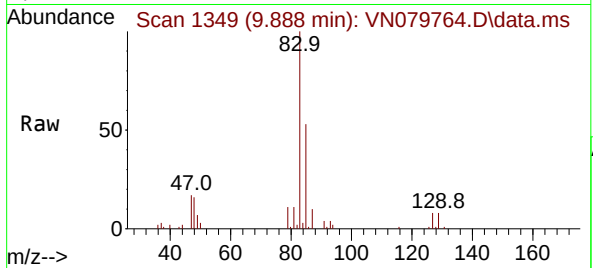
#47
Bromodichloromethane
Concen: 6.842 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 43068
Ion Ratio Lower Upper
83 100
85 53.3 49.6 74.4
127 7.6 7.0 10.6

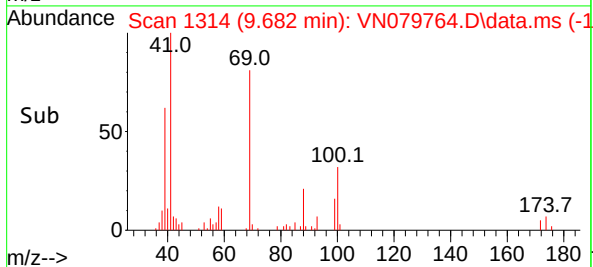
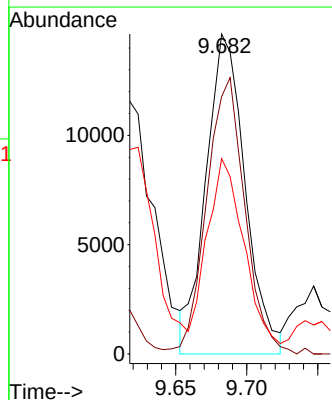
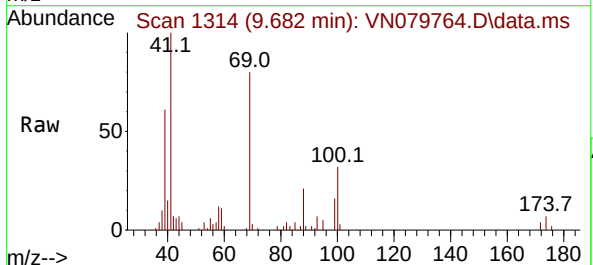
Manual Integrations
APPROVED

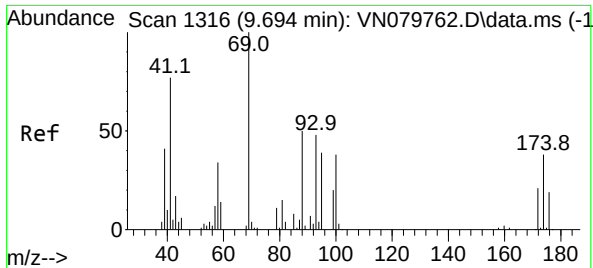
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#48
Methyl methacrylate
Concen: 7.050 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

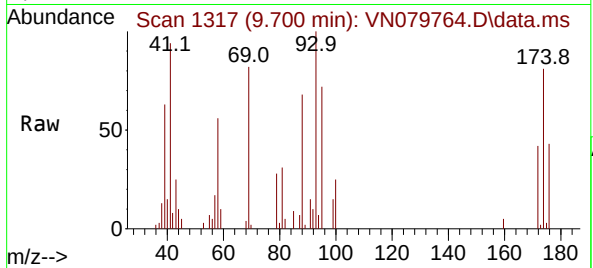
Tgt Ion: 41 Resp: 28051
Ion Ratio Lower Upper
41 100
69 84.3 90.4 135.6#
39 59.2 54.6 81.8





#49
1,4-Dioxane
Concen: 152.356 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

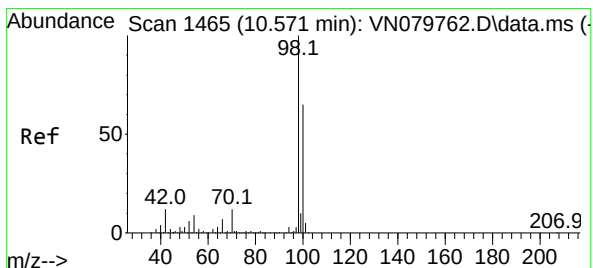
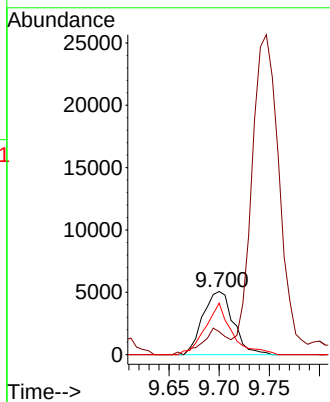
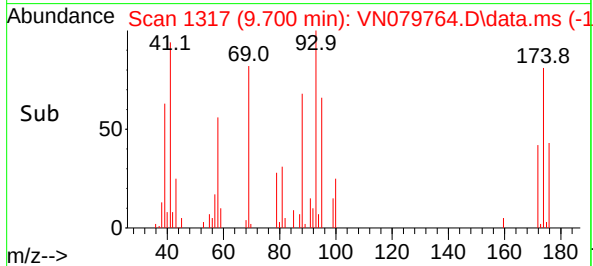
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 88 Resp: 1071
Ion Ratio Lower Upper
88 100
43 33.5 17.0 25.6
58 70.9 47.0 70.4

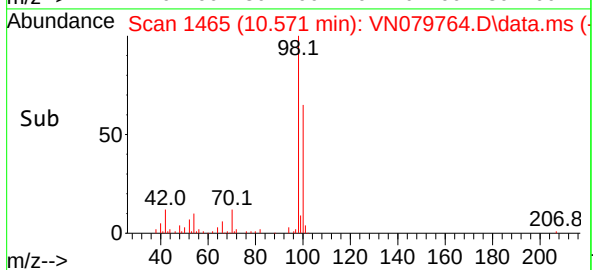
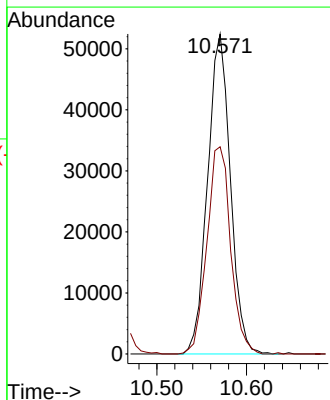
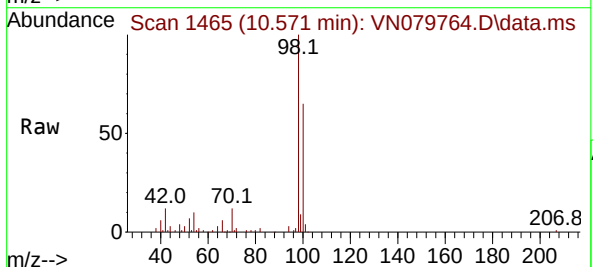
Manual Integrations
APPROVED

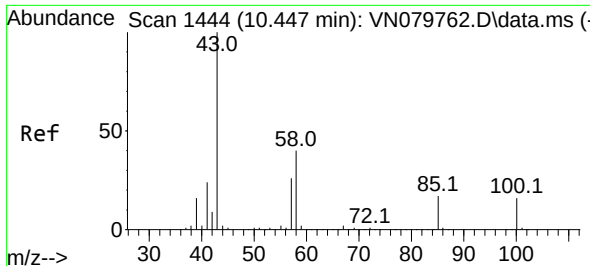
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#50
Toluene-d8
Concen: 6.350 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Tgt Ion: 98 Resp: 92471
Ion Ratio Lower Upper
98 100
100 67.4 52.0 78.0





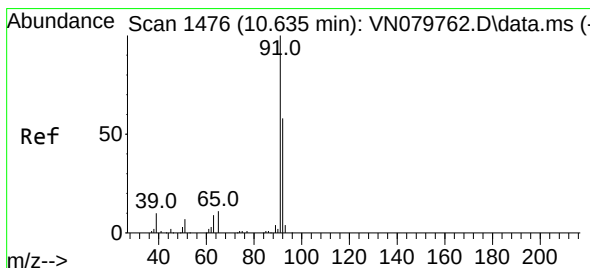
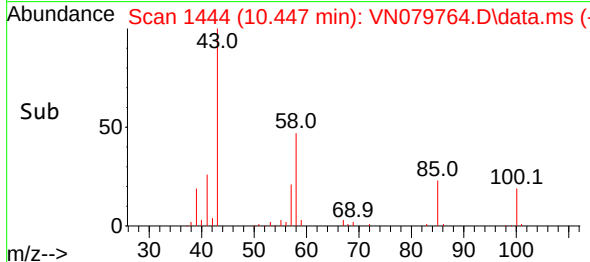
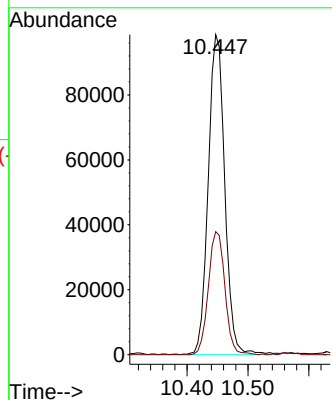
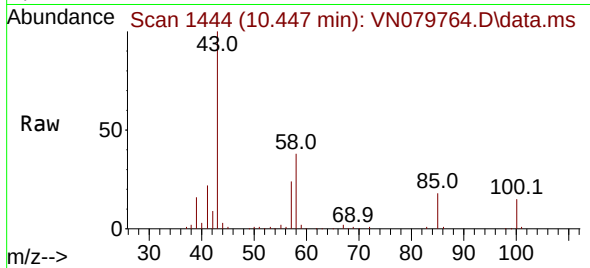
#51
4-Methyl-2-Pentanone
Concen: 36.470 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 18650
Ion Ratio Lower Upper
43 100
58 38.3 36.6 54.8

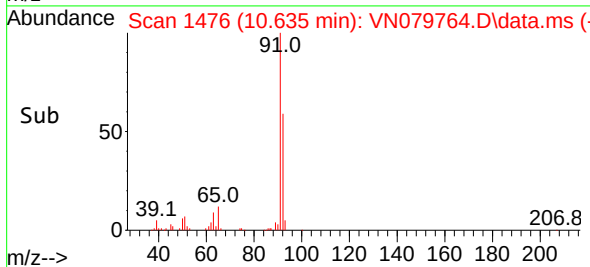
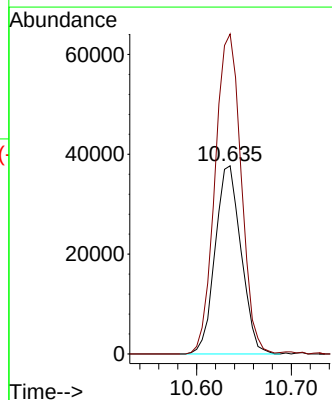
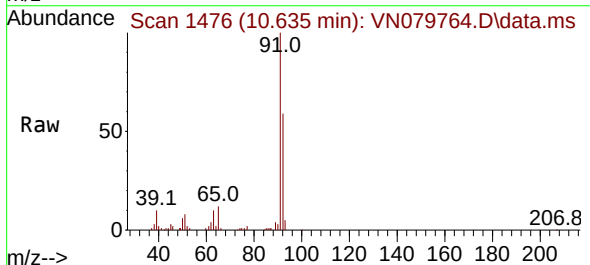
Manual Integrations
APPROVED

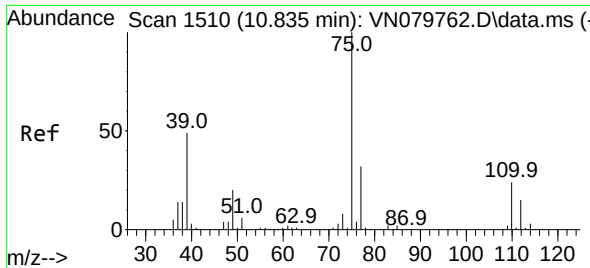
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#52
Toluene
Concen: 7.141 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Tgt Ion: 92 Resp: 71615
Ion Ratio Lower Upper
92 100
91 171.9 137.4 206.0





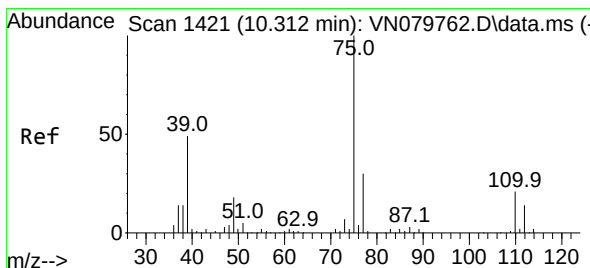
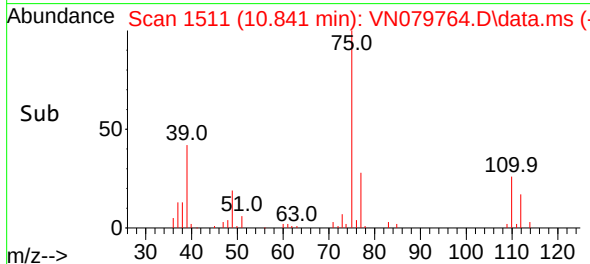
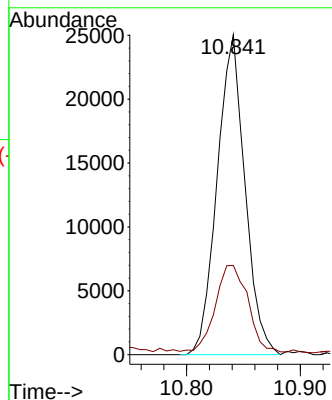
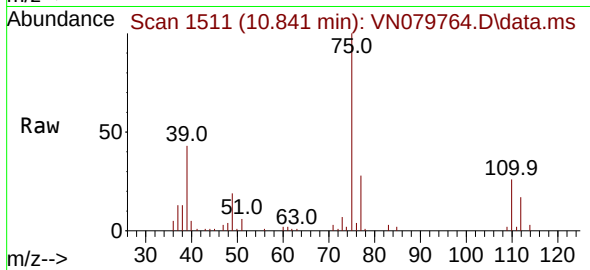
#53
t-1,3-Dichloropropene
Concen: 6.901 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 4258
Ion Ratio Lower Upper
75 100
77 27.0 25.4 38.0

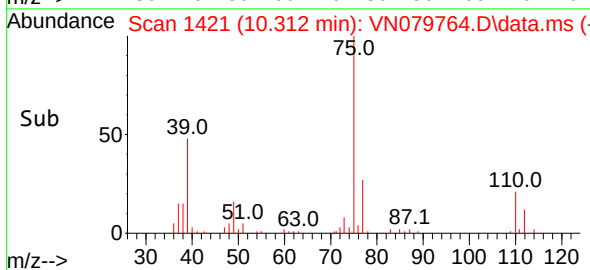
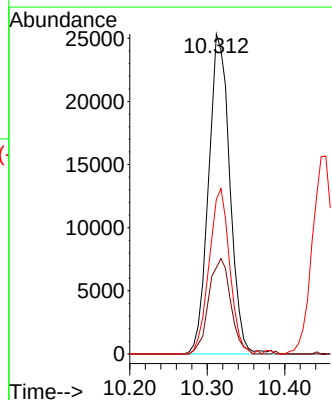
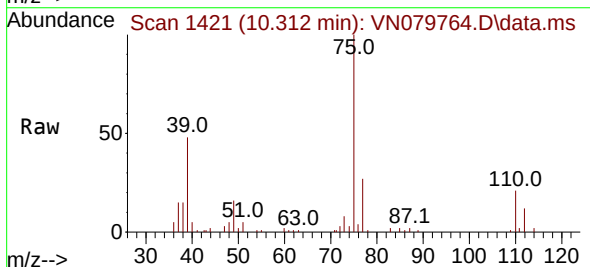
Manual Integrations
APPROVED

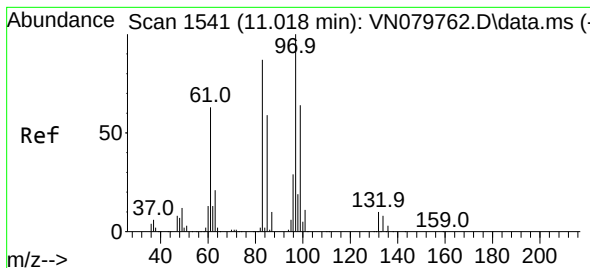
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#54
cis-1,3-Dichloropropene
Concen: 7.159 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

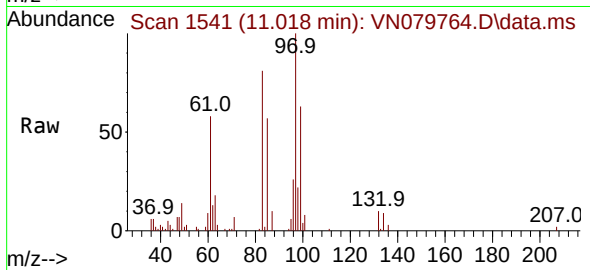
Tgt Ion: 75 Resp: 48154
Ion Ratio Lower Upper
75 100
77 27.0 26.1 39.1
39 48.3 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 7.469 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

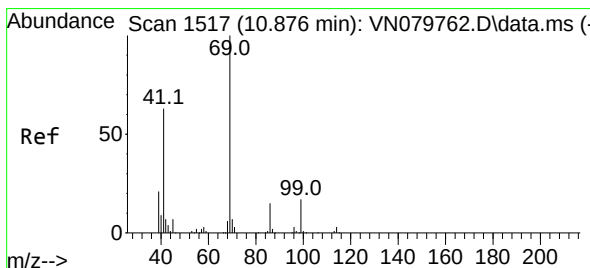
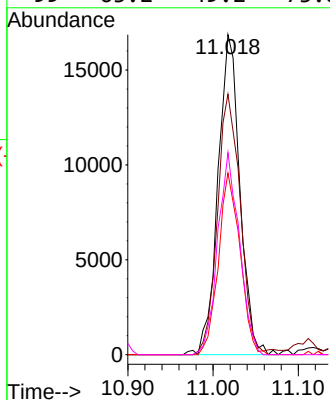
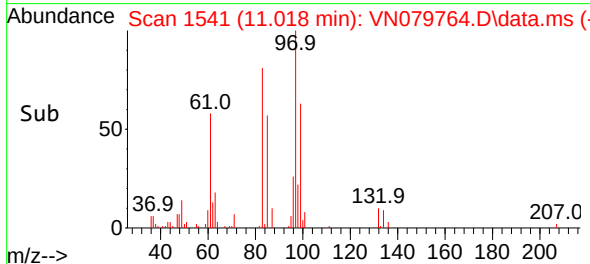
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



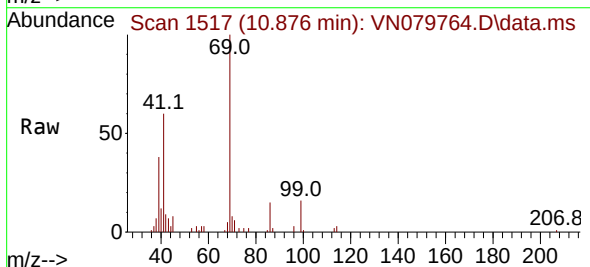
Tgt Ion:	97	Resp:	3012
Ion	Ratio	Lower	Upper
97	100		
83	81.4	65.1	97.7
85	56.8	43.4	65.2
99	63.2	49.2	73.8

Manual Integrations
APPROVED

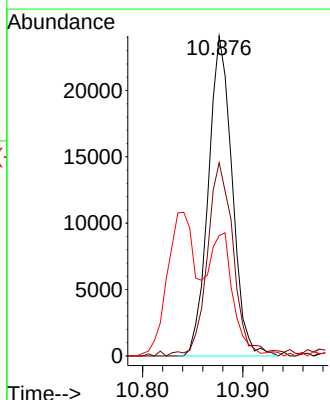
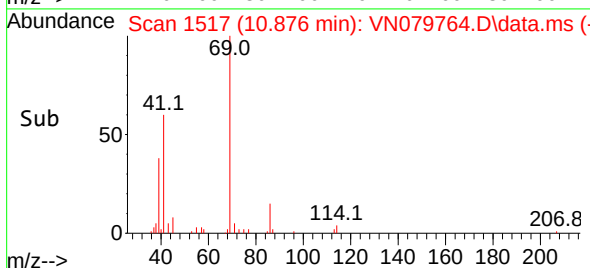
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

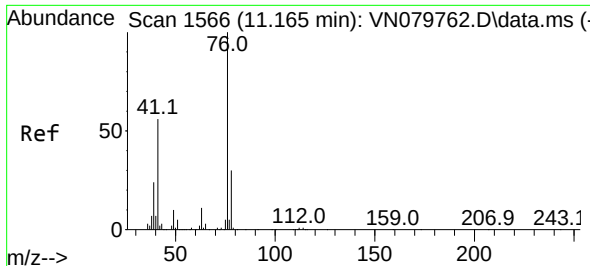


#56
Ethyl methacrylate
Concen: 6.920 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14



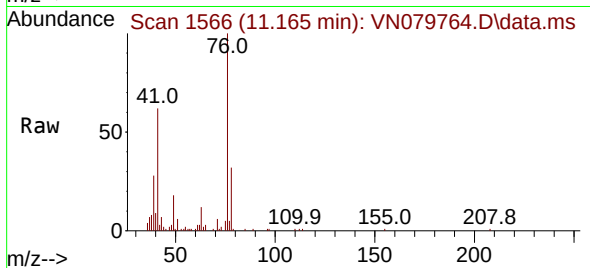
Tgt Ion:	69	Resp:	39816
Ion	Ratio	Lower	Upper
69	100		
41	67.1	39.6	59.4#
39	39.7	28.6	43.0





#57
1,3-Dichloropropane
Concen: 7.070 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

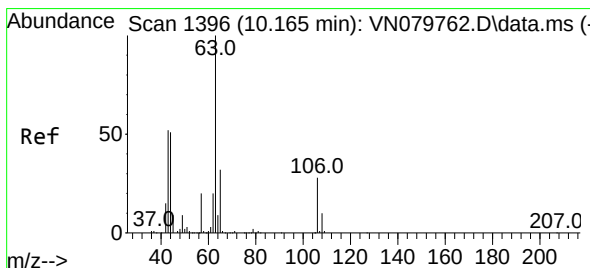
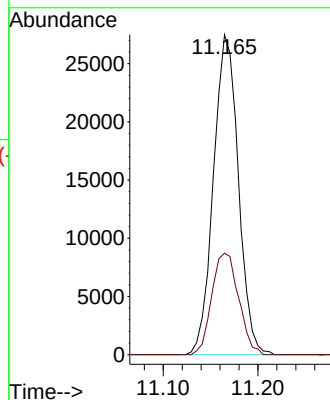
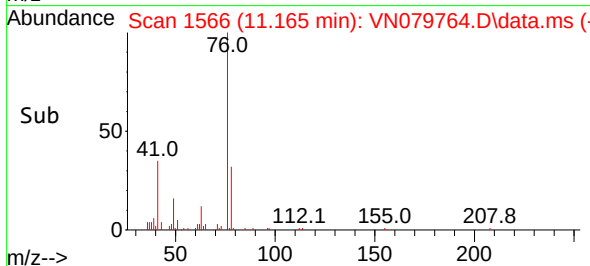
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 50260
Ion Ratio Lower Upper
76 100
78 34.1 26.1 39.1

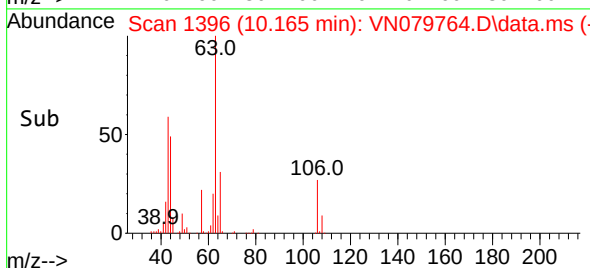
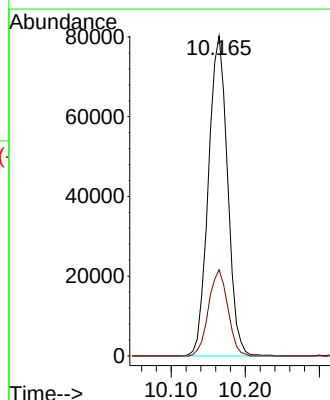
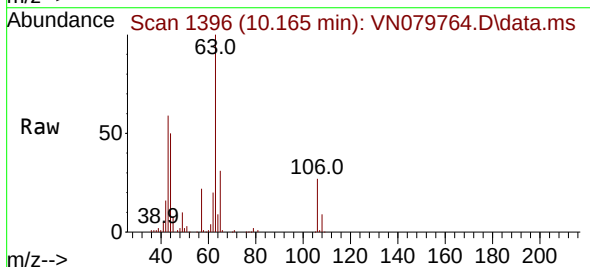
Manual Integrations
APPROVED

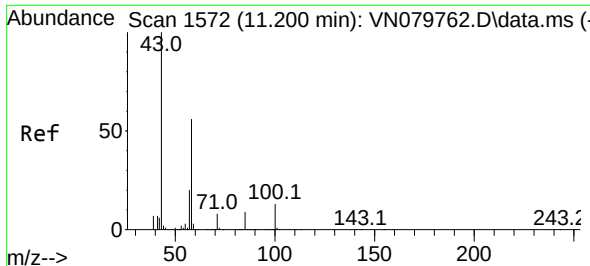
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#58
2-Chloroethyl Vinyl ether
Concen: 49.331 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

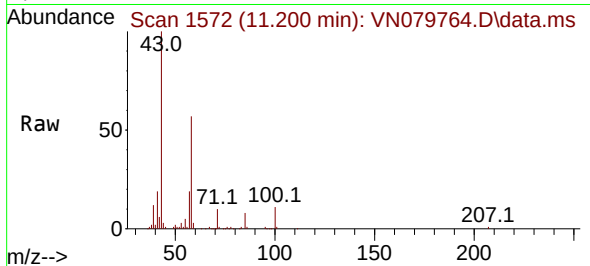
Tgt Ion: 63 Resp: 143852
Ion Ratio Lower Upper
63 100
106 27.0 26.2 39.4





#59
2-Hexanone
Concen: 35.410 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

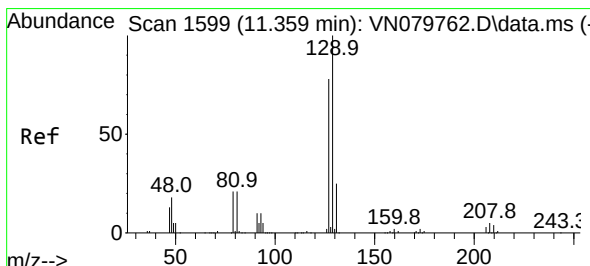
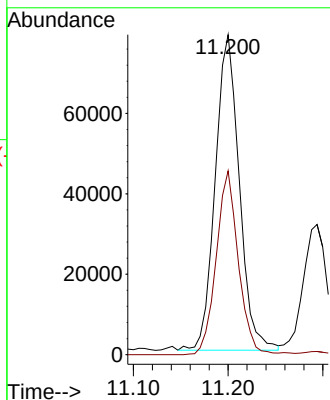
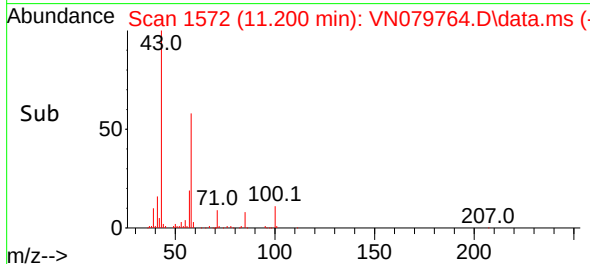
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 138530
Ion Ratio Lower Upper
43 100
58 53.4 31.7 95.1

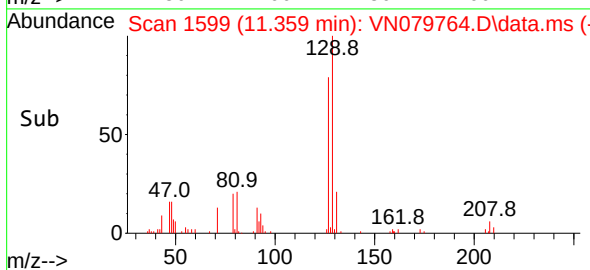
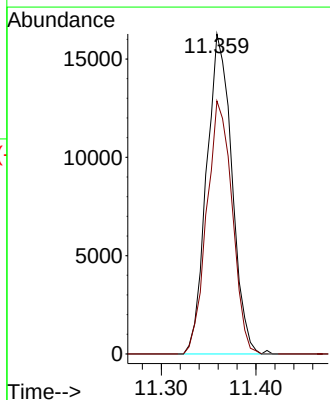
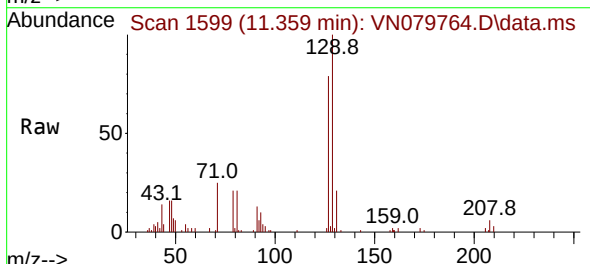
Manual Integrations
APPROVED

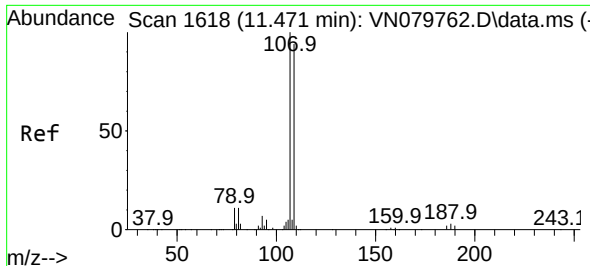
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#60
Dibromochloromethane
Concen: 6.984 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

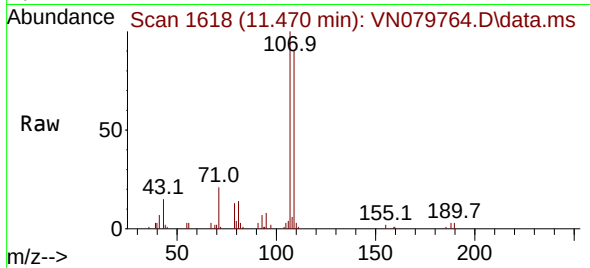
Tgt Ion:129 Resp: 30154
Ion Ratio Lower Upper
129 100
127 79.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 7.085 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

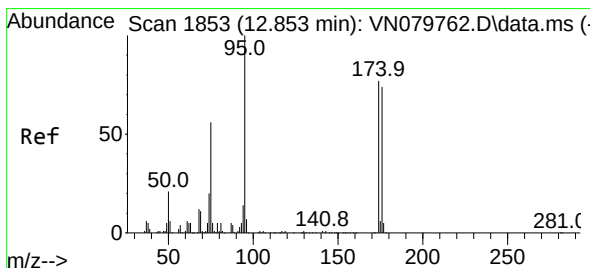
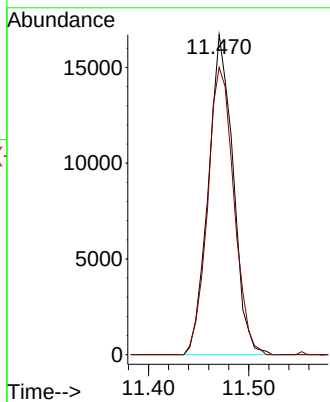
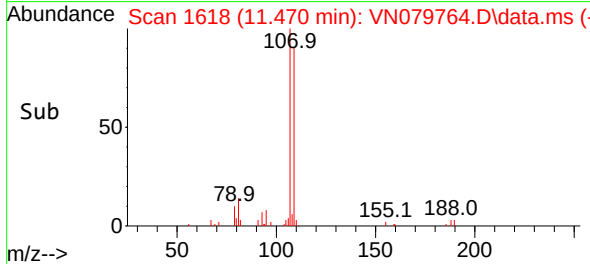
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



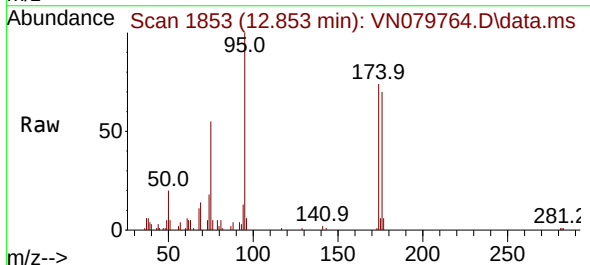
Tgt Ion:107 Resp: 2868
Ion Ratio Lower Upper
107 100
109 95.2 76.6 114.8

Manual Integrations
APPROVED

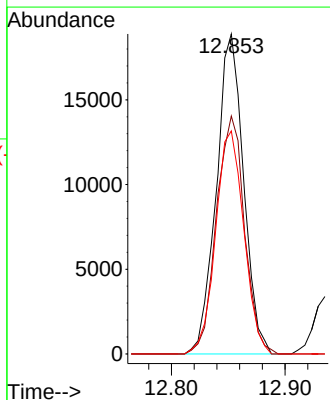
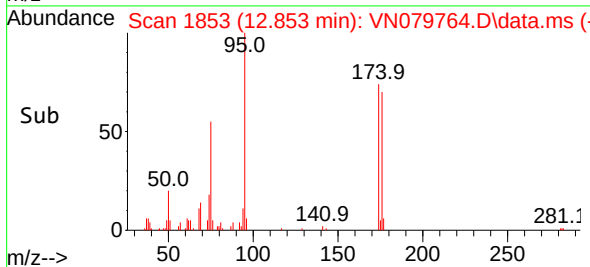
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

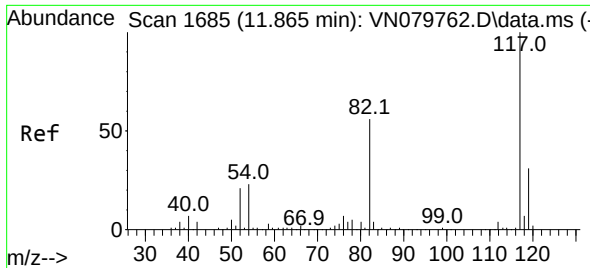


#62
4-Bromofluorobenzene
Concen: 6.504 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14



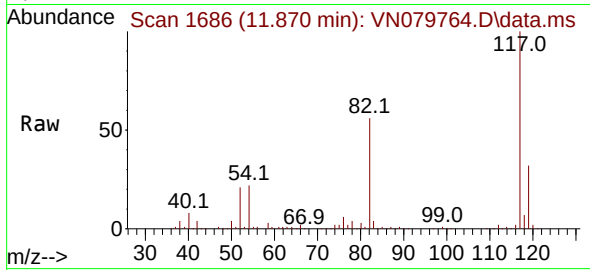
Tgt Ion: 95 Resp: 31411
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 72.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

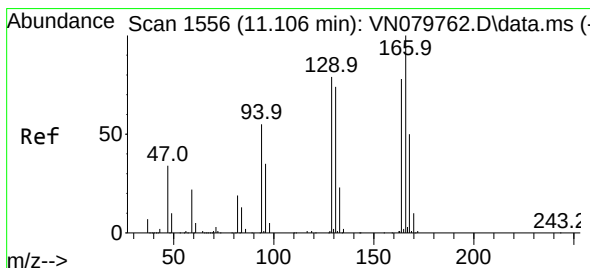
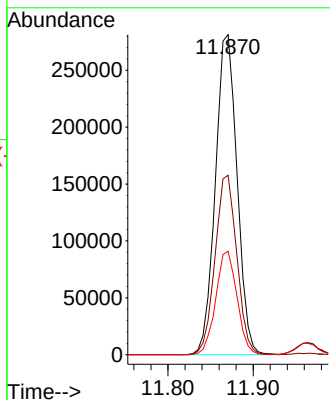
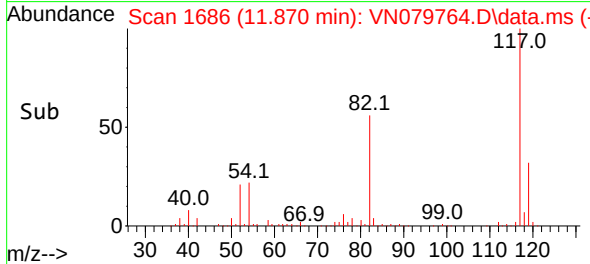
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 49889
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 32.3 25.6 38.4

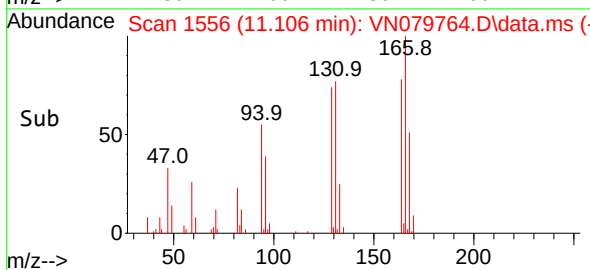
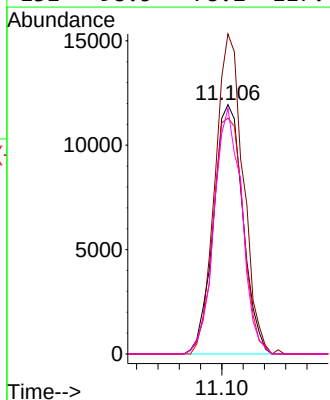
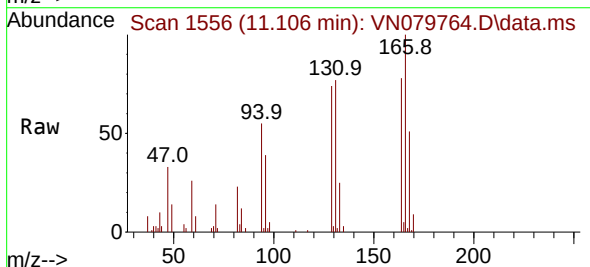
Manual Integrations
APPROVED

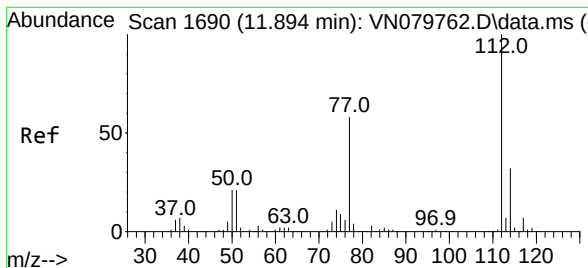
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#64
Tetrachloroethene
Concen: 7.097 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Tgt Ion:164 Resp: 22930
Ion Ratio Lower Upper
164 100
166 128.4 101.4 152.0
129 94.6 82.4 123.6
131 98.5 78.2 117.4





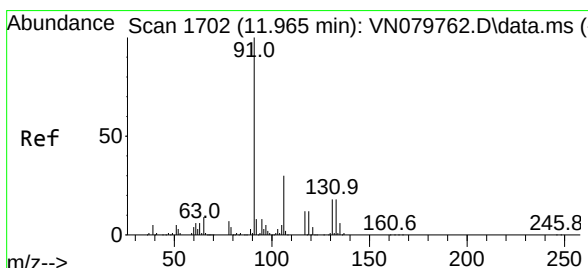
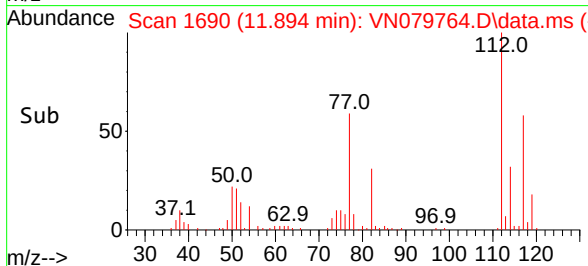
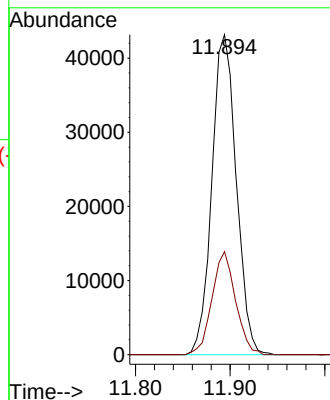
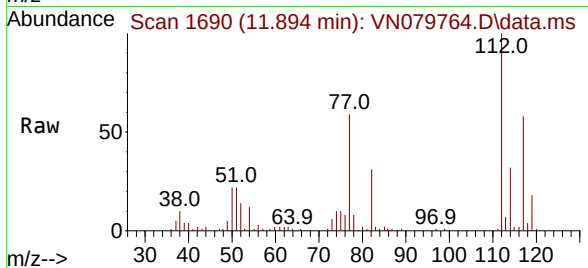
#65
Chlorobenzene
Concen: 7.140 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:112 Resp: 77272
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

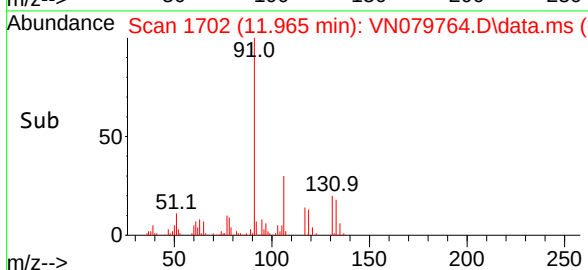
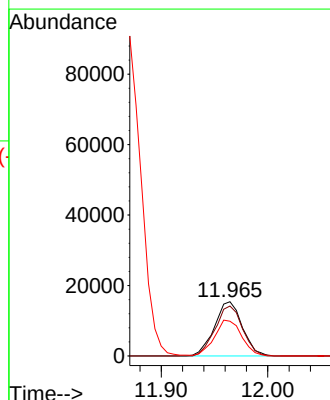
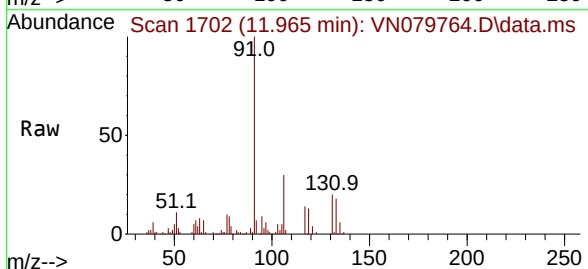
Manual Integrations
APPROVED

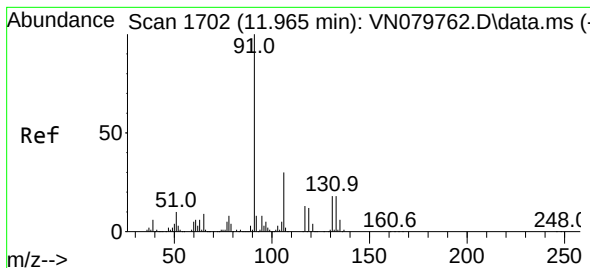
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 7.167 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

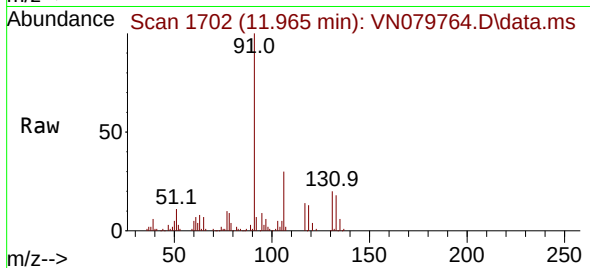
Tgt Ion:131 Resp: 27945
Ion Ratio Lower Upper
131 100
133 90.6 46.4 139.1
119 64.4 34.1 102.2





#67
Ethyl Benzene
Concen: 7.031 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

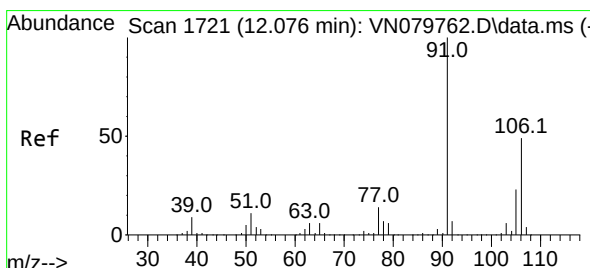
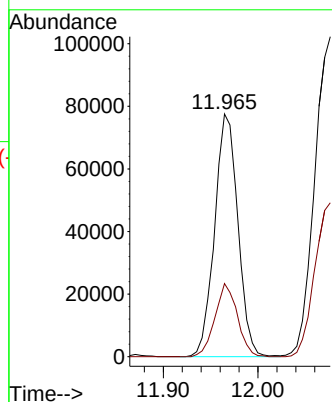
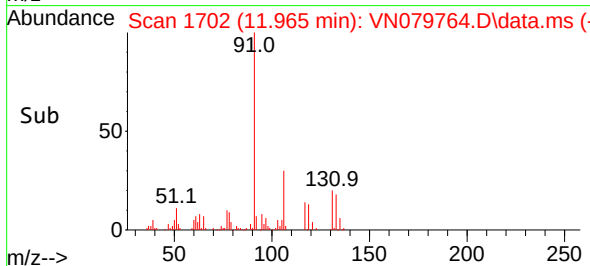
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



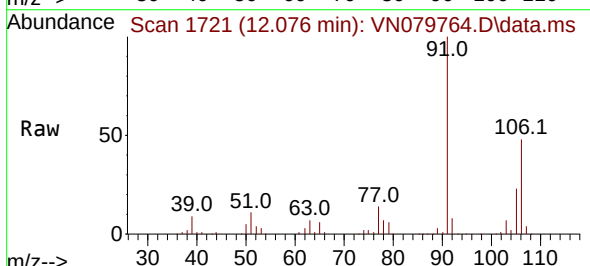
Tgt Ion: 91 Resp: 132560
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

Manual Integrations
APPROVED

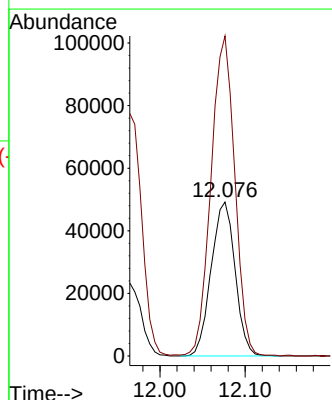
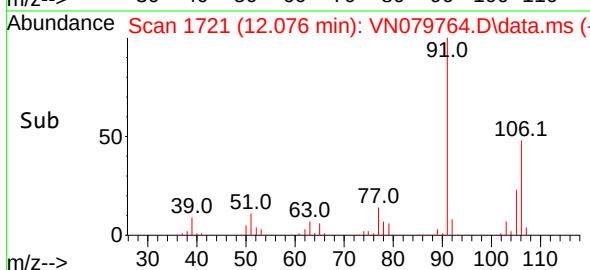
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

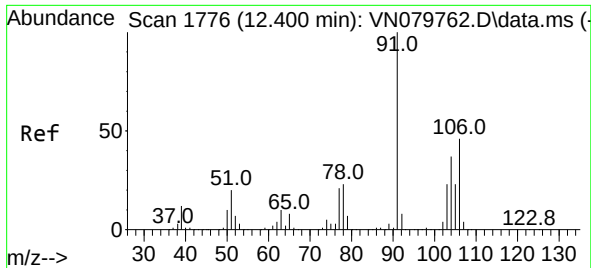


#68
m/p-Xylenes
Concen: 13.642 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14



Tgt Ion:106 Resp: 95816
Ion Ratio Lower Upper
106 100
91 206.6 159.6 239.4





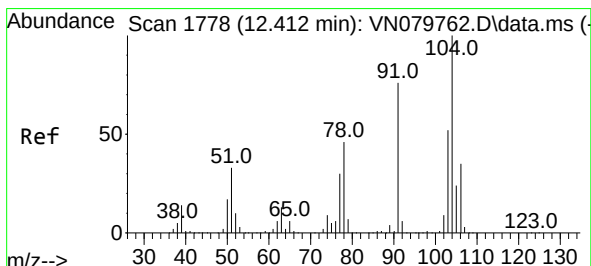
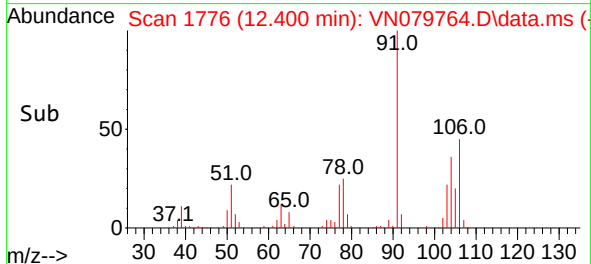
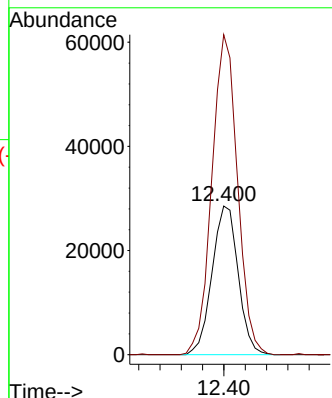
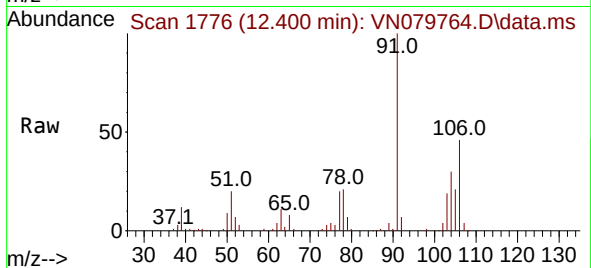
#69
o-Xylene
Concen: 7.177 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 48540
Ion Ratio Lower Upper
106 100
91 211.4 105.2 315.5

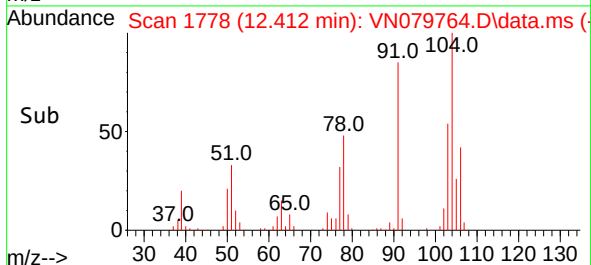
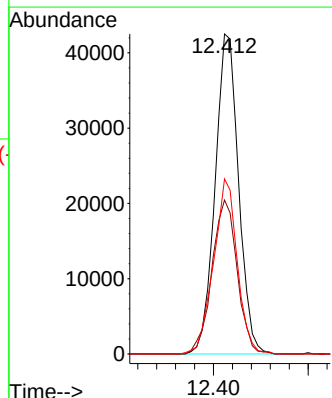
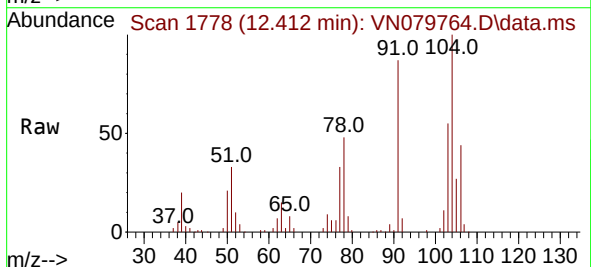
Manual Integrations
APPROVED

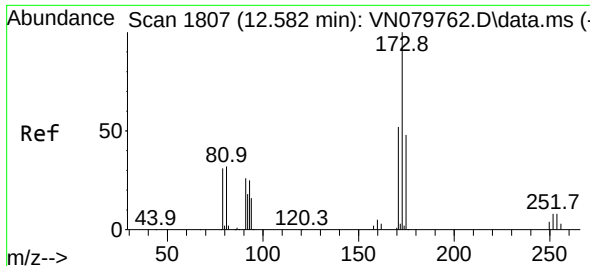
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#70
Styrene
Concen: 6.726 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

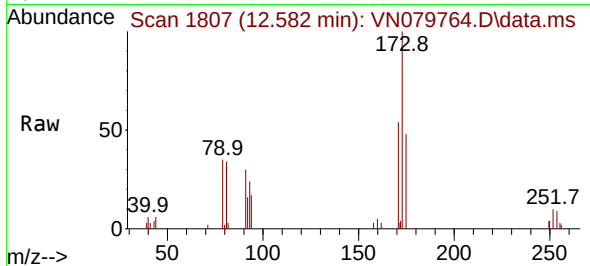
Tgt Ion:104 Resp: 73105
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 55.2 43.2 64.8





#71
Bromoform
Concen: 6.842 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

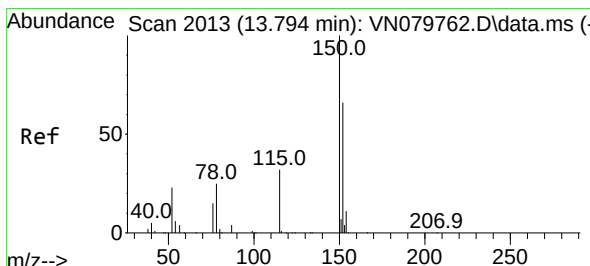
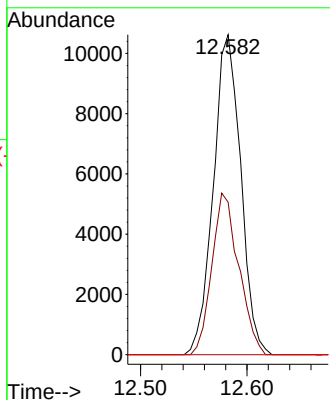
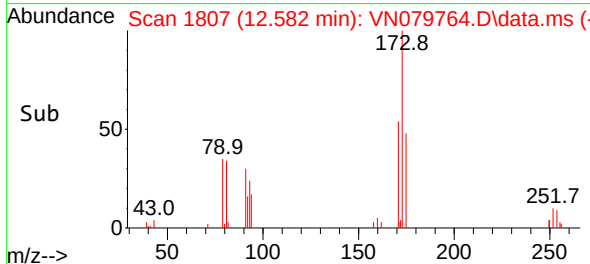
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



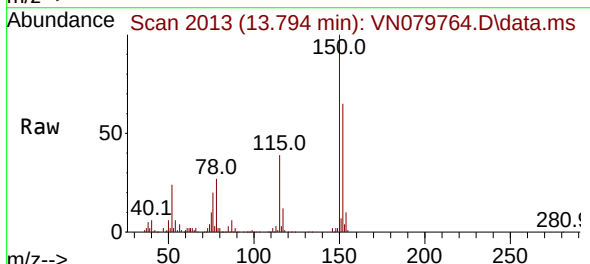
Tgt Ion:173 Resp: 1894
Ion Ratio Lower Upper
173 100
175 49.6 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

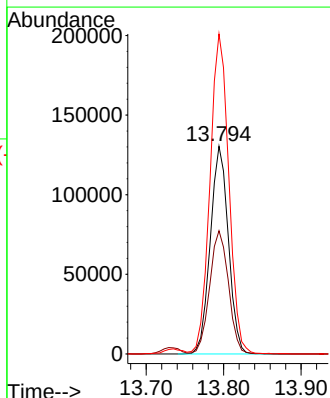
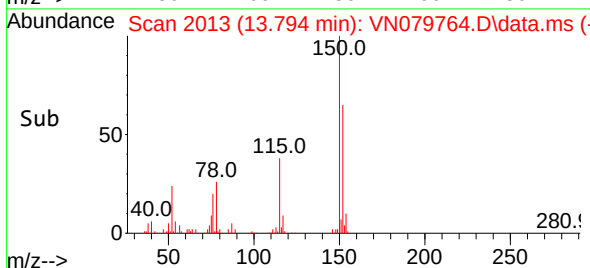
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

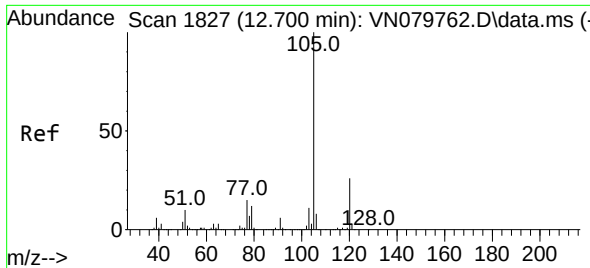


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14



Tgt Ion:152 Resp: 211314
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 160.2 0.0 355.8





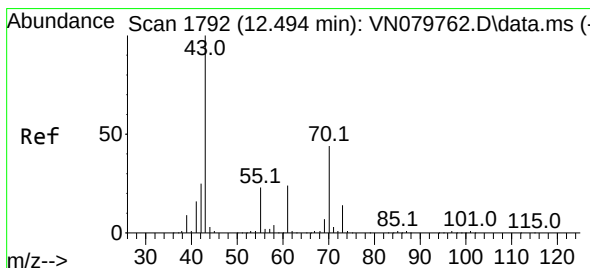
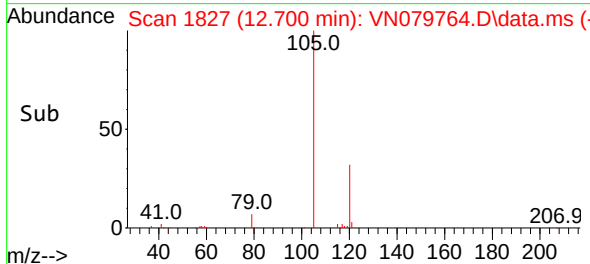
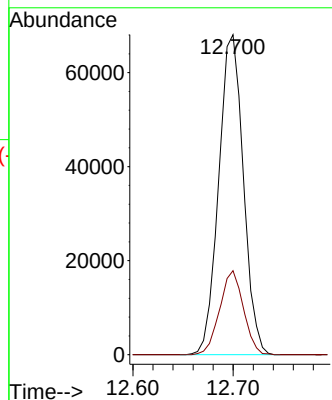
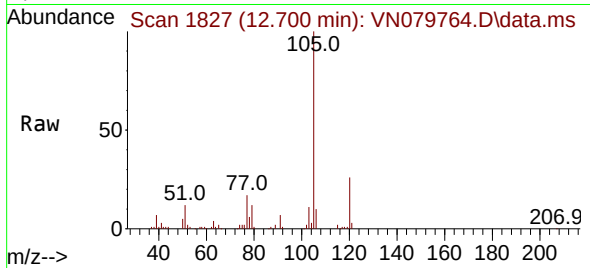
#73
Isopropylbenzene
Concen: 7.228 ug/l
RT: 12.700 min Scan# 11591
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 11591
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.1

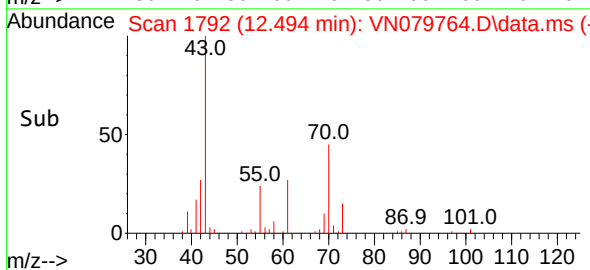
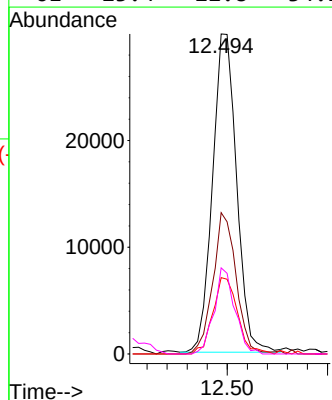
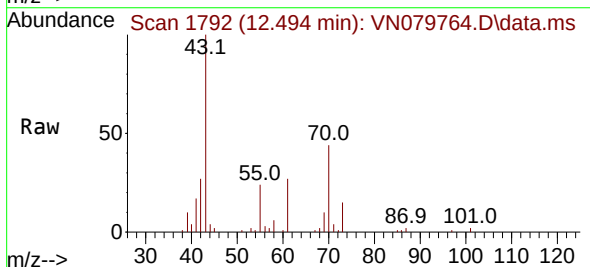
Manual Integrations
APPROVED

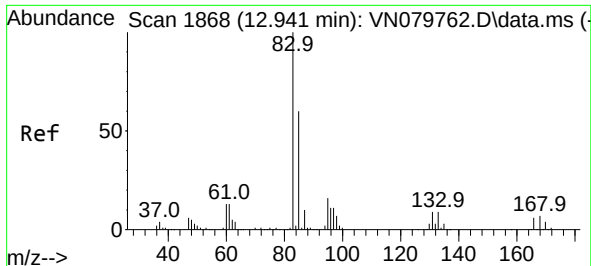
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#74
N-ethyl acetate
Concen: 7.100 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

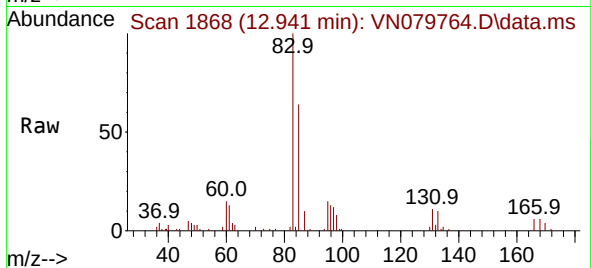
Tgt Ion: 43 Resp: 49700
Ion Ratio Lower Upper
43 100
70 42.9 43.4 65.2#
55 24.5 21.4 32.0
61 23.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 7.347 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

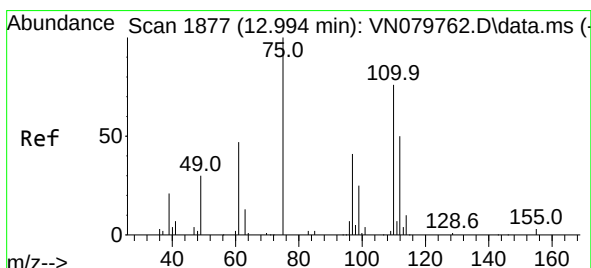
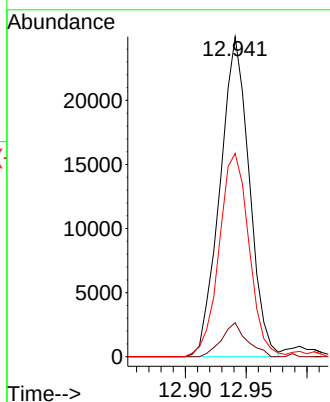
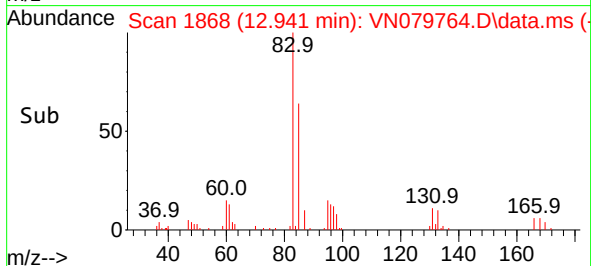
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 4177
Ion Ratio Lower Upper
83 100
131 9.2 5.0 15.0
85 64.7 31.9 95.7

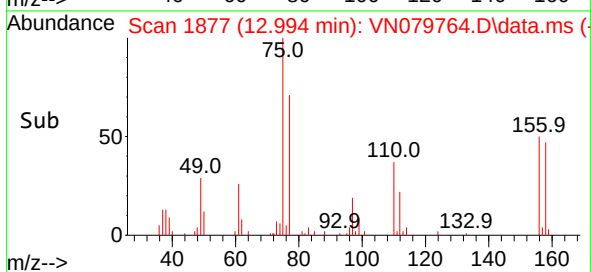
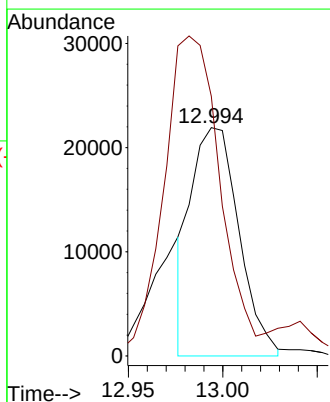
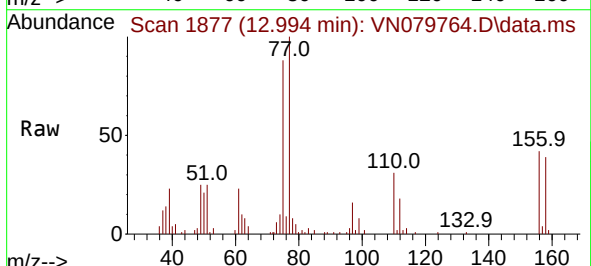
Manual Integrations
APPROVED

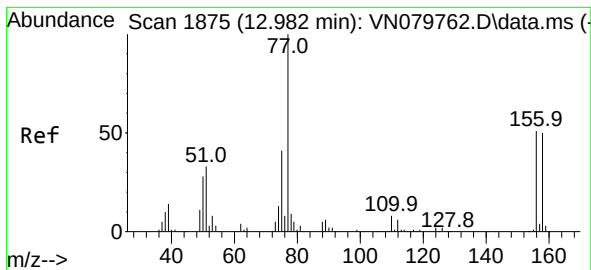
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#76
1,2,3-Trichloropropane
Concen: 7.898 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Tgt Ion: 75 Resp: 38506
Ion Ratio Lower Upper
75 100
77 167.6 84.5 253.5





#77

Bromobenzene

Concen: 7.440 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN079764.D

Acq: 01 Nov 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

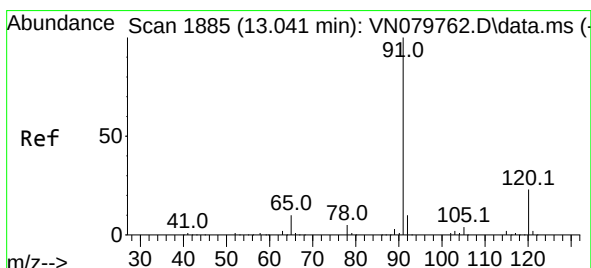
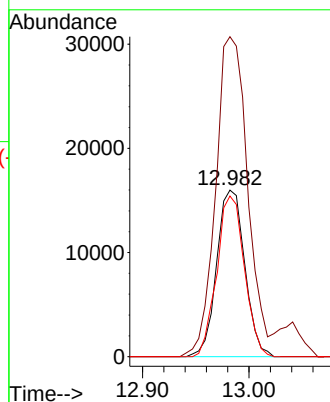
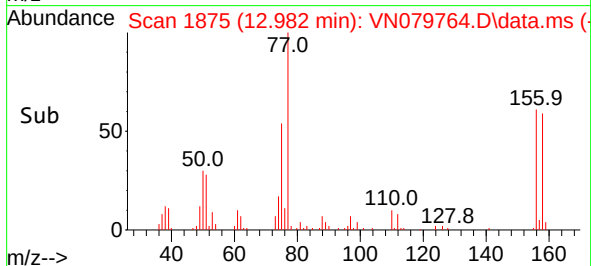
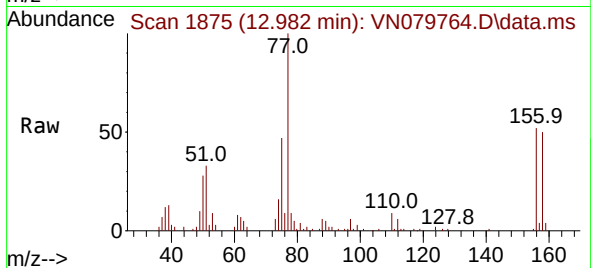
Tgt Ion:156 Resp: 2921
 Ion Ratio Lower Upper
 156 100
 77 220.9 107.7 323.3
 158 95.0 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#78

n-propylbenzene

Concen: 7.037 ug/l

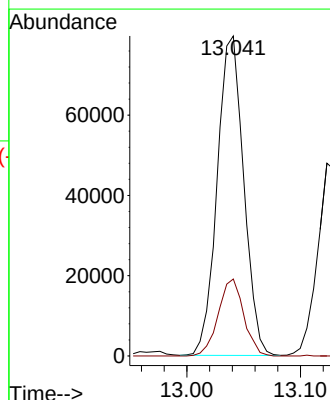
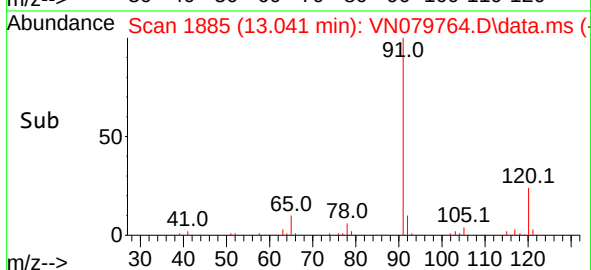
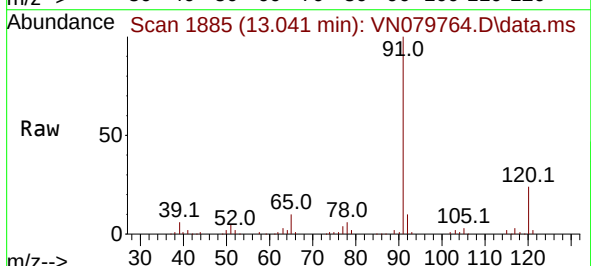
RT: 13.041 min Scan# 1885

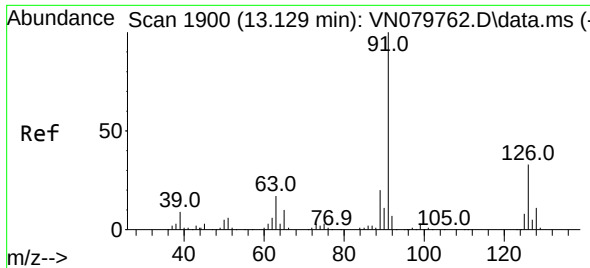
Delta R.T. -0.000 min

Lab File: VN079764.D

Acq: 01 Nov 2023 11:14

Tgt Ion: 91 Resp: 129246
 Ion Ratio Lower Upper
 91 100
 120 23.1 11.5 34.4





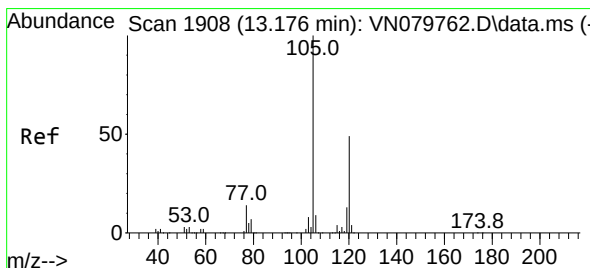
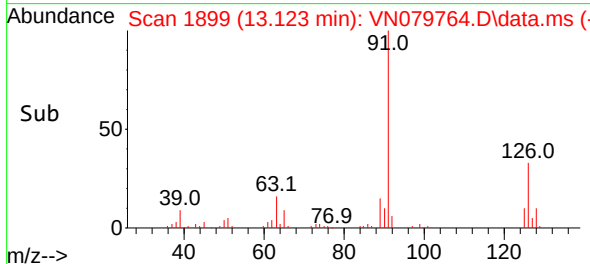
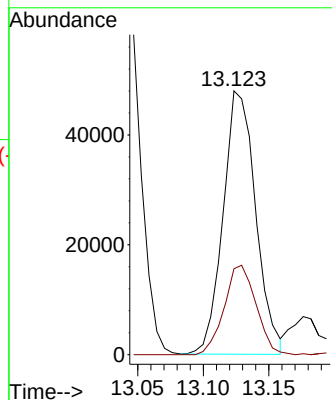
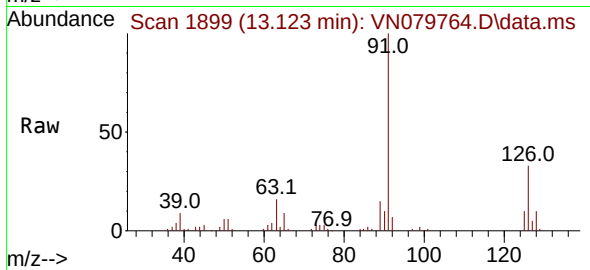
#79
2-Chlorotoluene
Concen: 7.061 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 82840
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

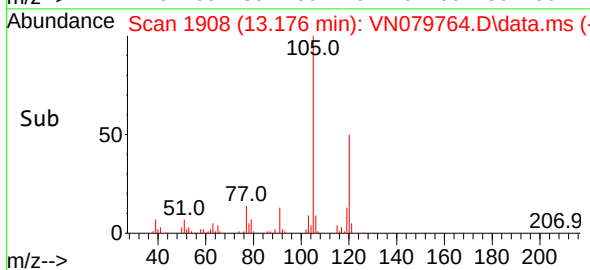
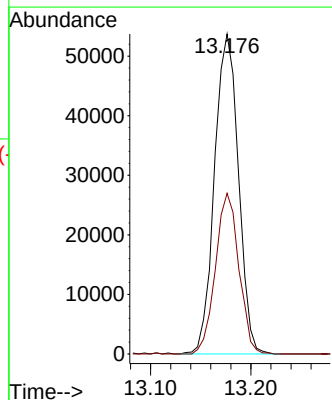
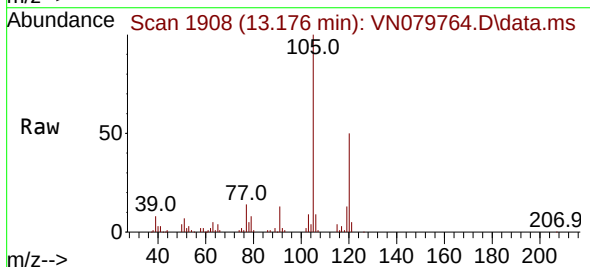
Manual Integrations
APPROVED

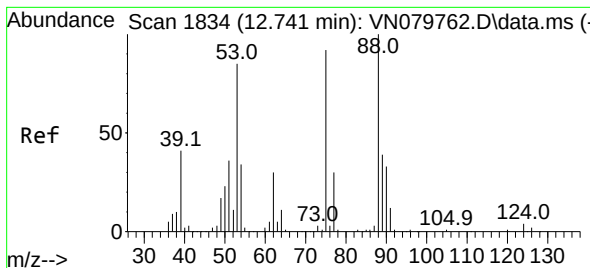
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#80
1,3,5-Trimethylbenzene
Concen: 7.134 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Tgt Ion:105 Resp: 89016
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3





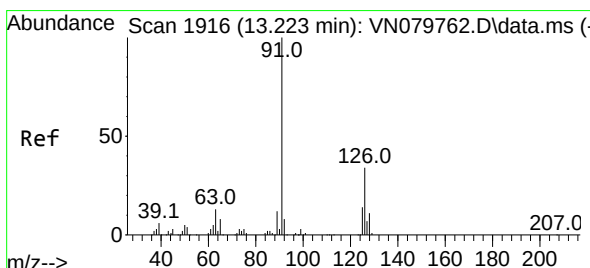
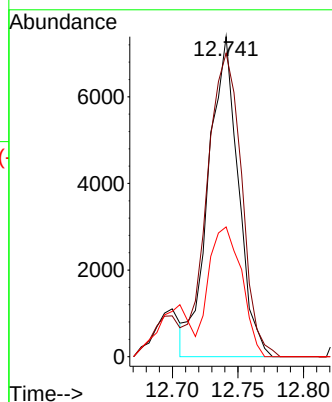
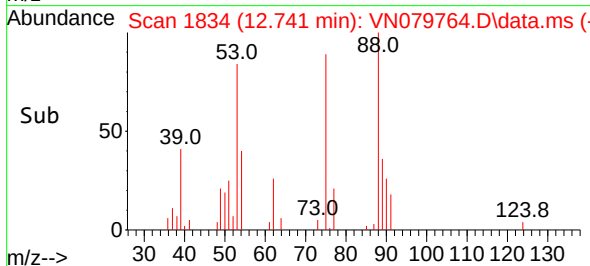
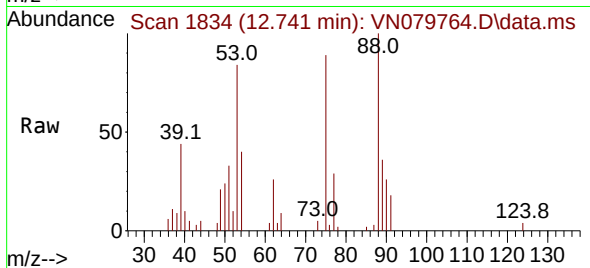
#81
trans-1,4-Dichloro-2-butene
Concen: 6.417 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 11700
Ion Ratio Lower Upper
75 100
53 109.7 67.4 101.2
89 44.5 38.8 58.2

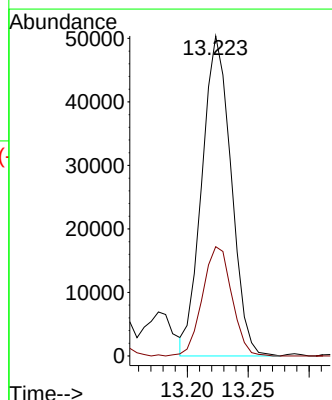
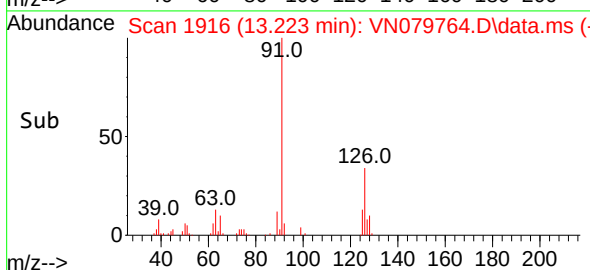
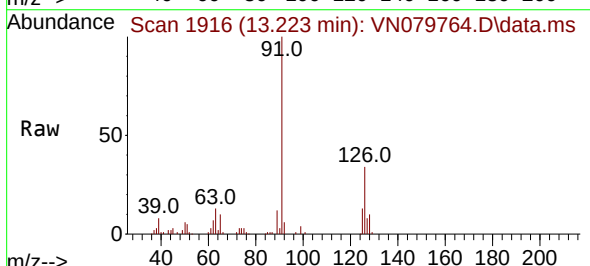
Manual Integrations
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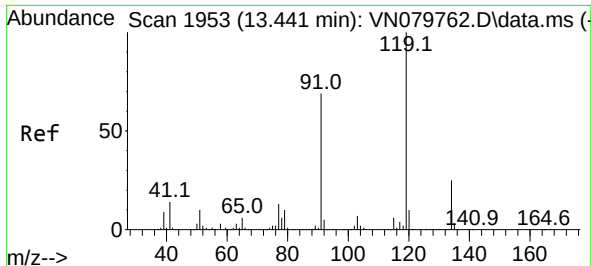
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#82
4-Chlorotoluene
Concen: 7.207 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

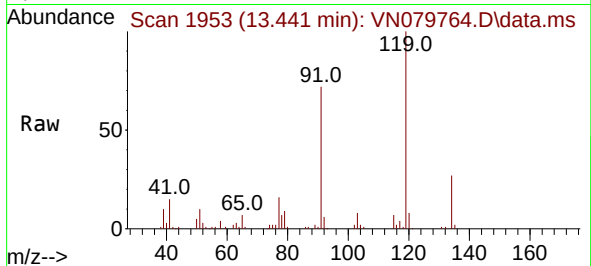
Tgt Ion: 91 Resp: 84027
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 7.287 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

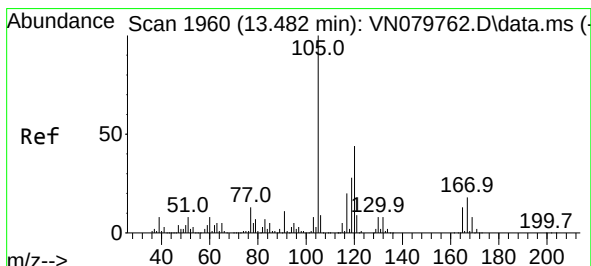
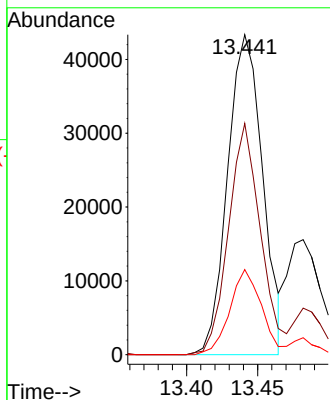
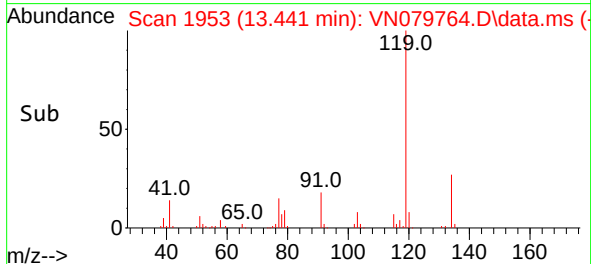
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



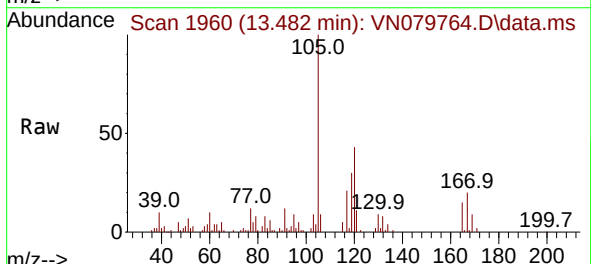
Tgt Ion:119 Resp: 74424
Ion Ratio Lower Upper
119 100
91 66.3 33.9 101.7
134 24.3 13.2 39.6

Manual Integrations
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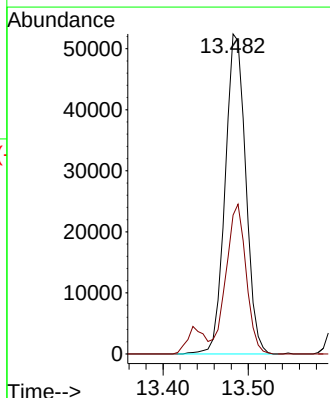
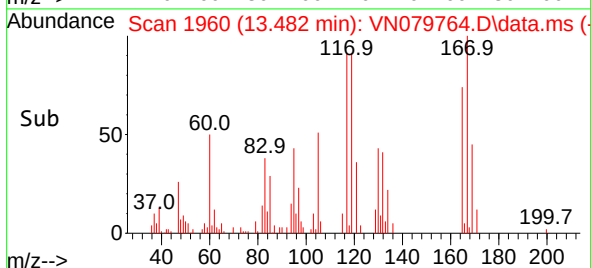
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

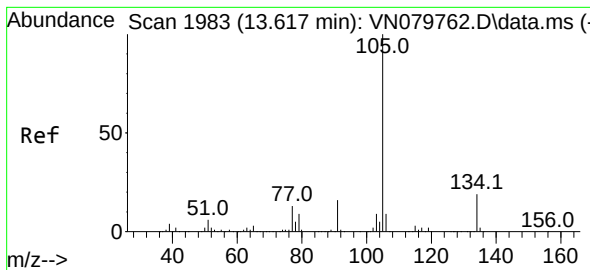


#84
1,2,4-Trimethylbenzene
Concen: 7.156 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14



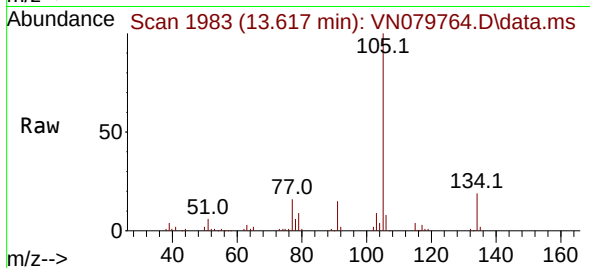
Tgt Ion:105 Resp: 87845
Ion Ratio Lower Upper
105 100
120 45.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 7.103 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN079764.D
 Acq: 01 Nov 2023 11:14

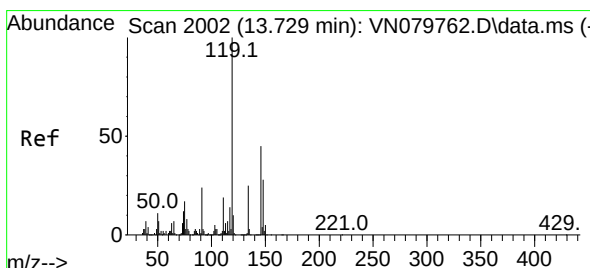
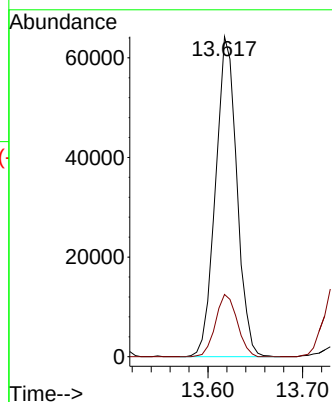
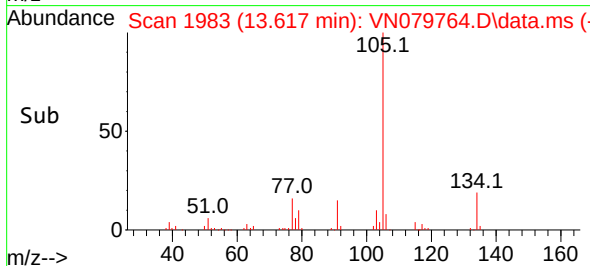
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



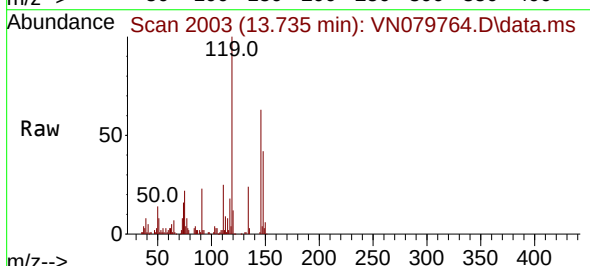
Tgt Ion:105 Resp: 100517
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
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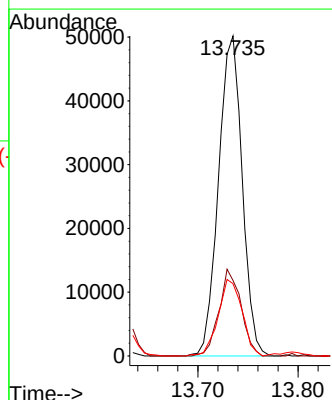
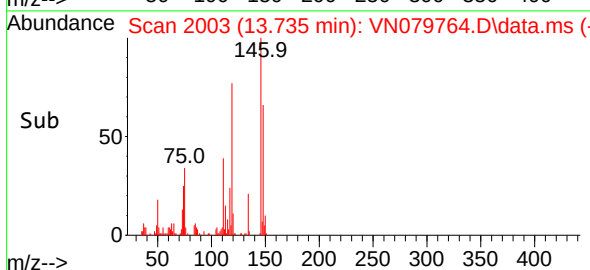
Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023

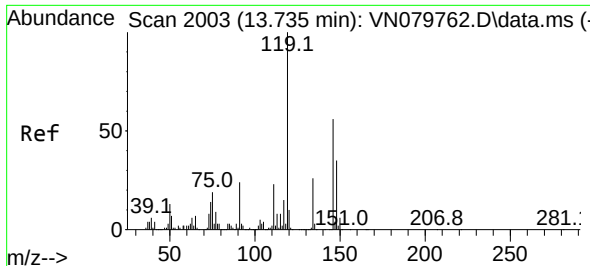


#86
 p-Isopropyltoluene
 Concen: 7.133 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079764.D
 Acq: 01 Nov 2023 11:14



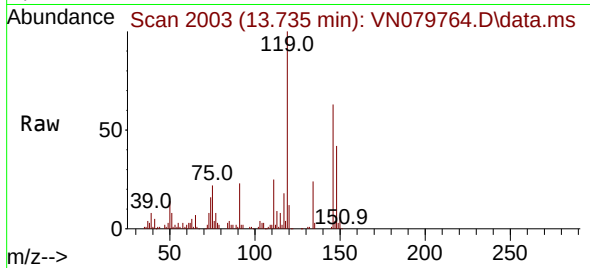
Tgt Ion:119 Resp: 82289
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 24.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 6.887 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

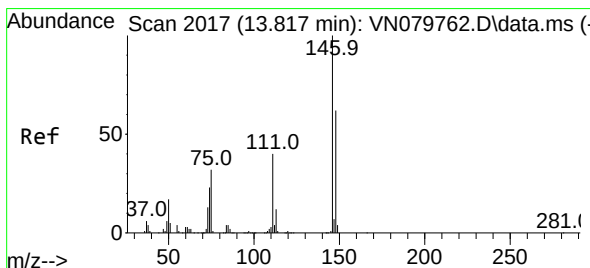
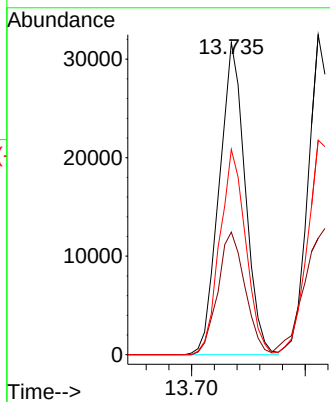
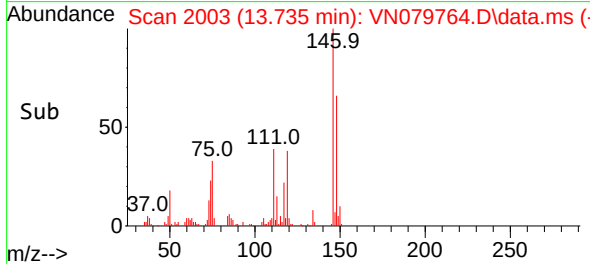
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:146 Resp: 50304
Ion Ratio Lower Upper
146 100
111 41.3 22.1 66.3
148 65.7 32.0 96.0

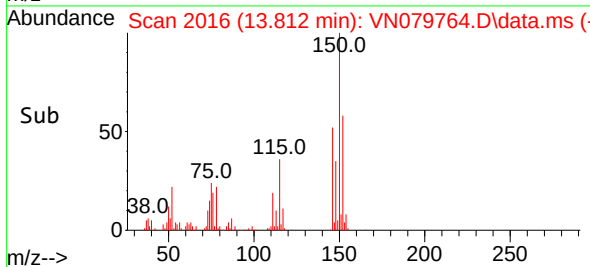
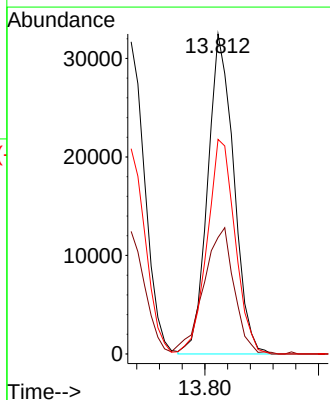
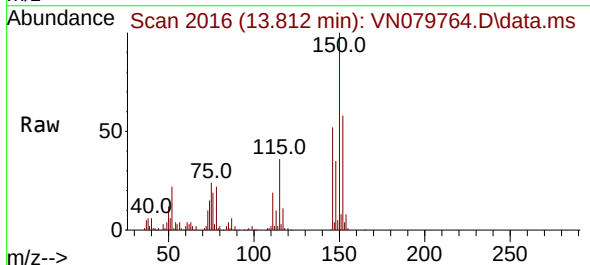
Manual Integrations
APPROVED

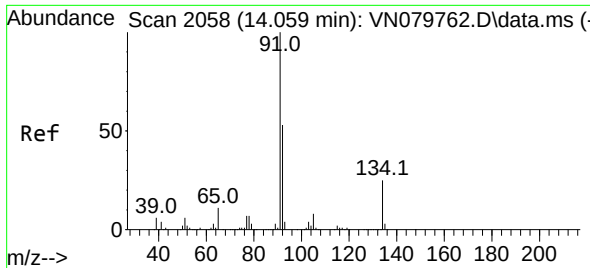
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#88
1,4-Dichlorobenzene
Concen: 6.978 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Tgt Ion:146 Resp: 51829
Ion Ratio Lower Upper
146 100
111 46.2 20.6 61.8
148 72.2 31.6 94.8





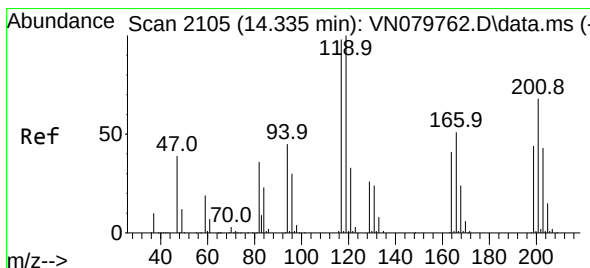
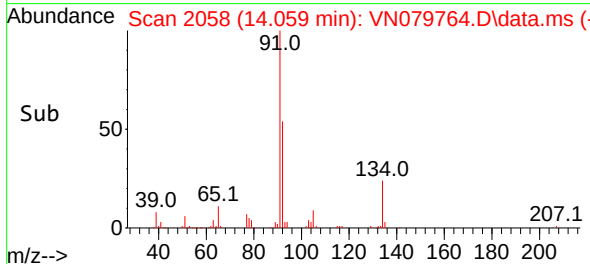
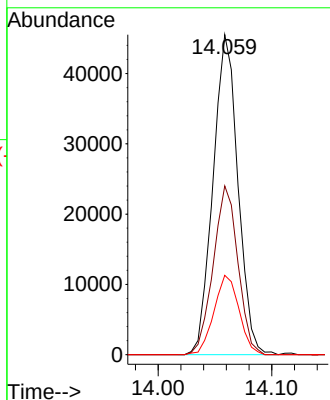
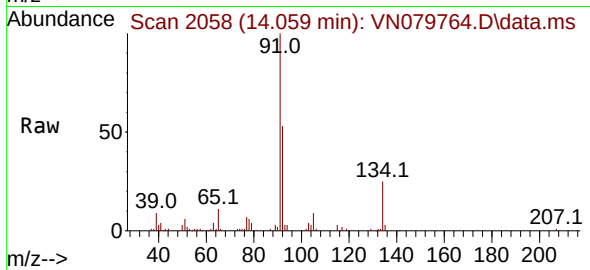
#89
n-Butylbenzene
Concen: 6.989 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 69440
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.0
134 25.0 12.6 37.6

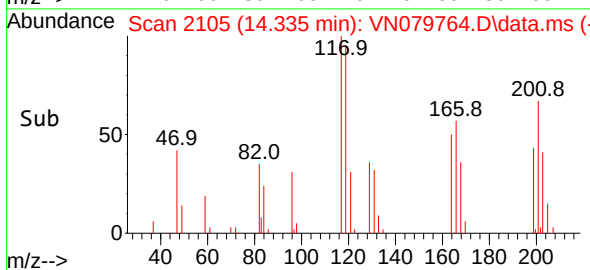
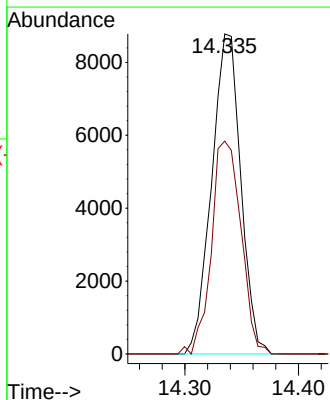
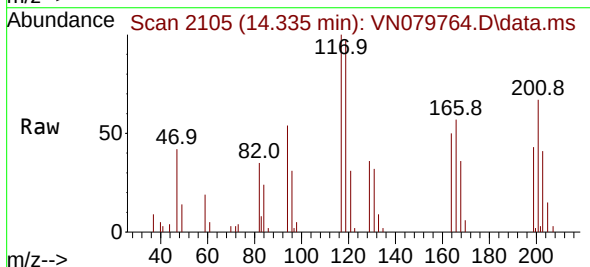
Manual Integrations
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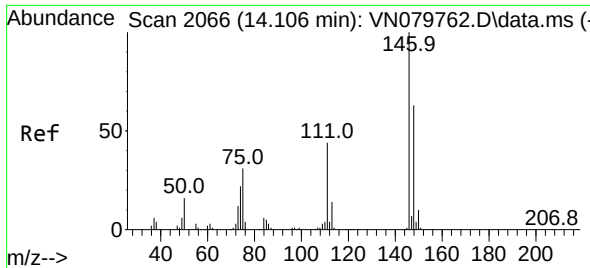
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#90
Hexachloroethane
Concen: 6.855 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Tgt Ion:117 Resp: 15663
Ion Ratio Lower Upper
117 100
201 67.3 29.3 88.0





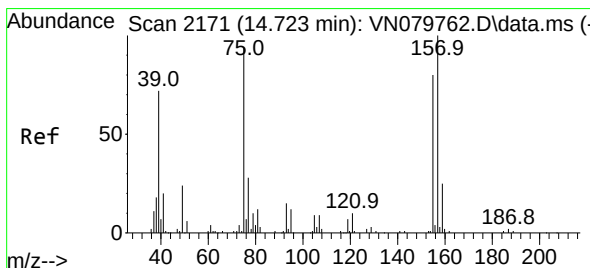
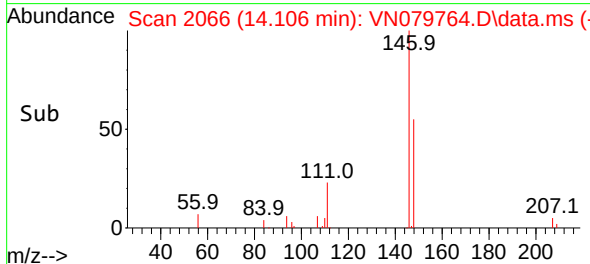
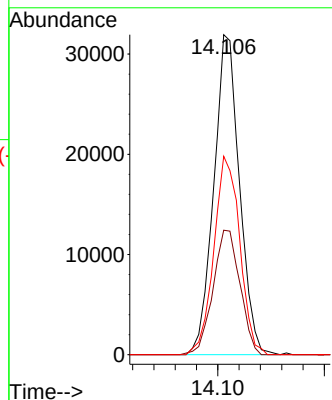
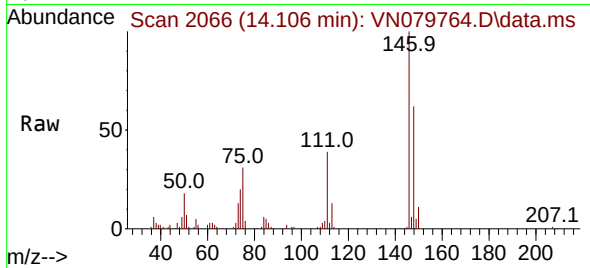
#91
1,2-Dichlorobenzene
Concen: 7.749 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 5343
Ion Ratio Lower Upper
146 100
111 40.7 22.0 66.0
148 62.4 31.8 95.3

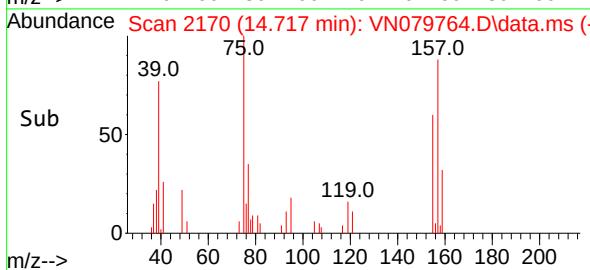
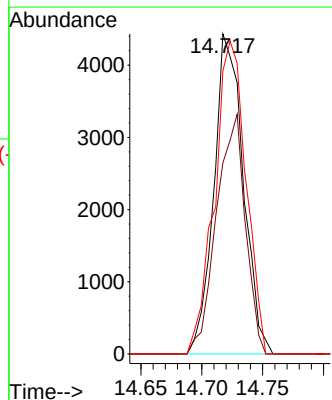
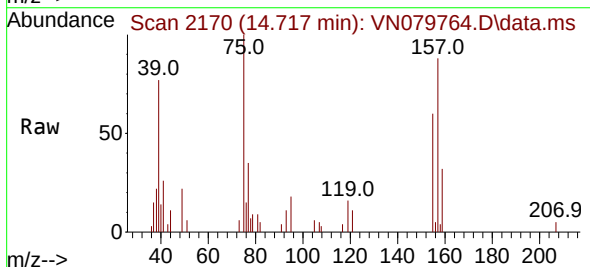
Manual Integrations
APPROVED

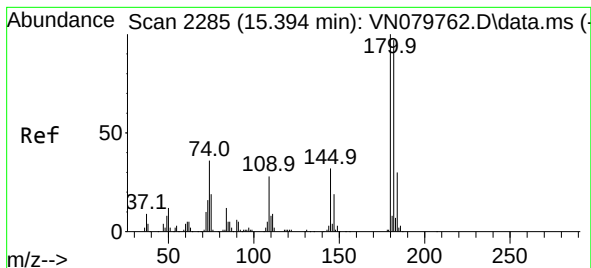
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.706 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN079764.D
Acq: 01 Nov 2023 11:14

Tgt Ion: 75 Resp: 7431
Ion Ratio Lower Upper
75 100
155 73.7 39.1 117.2
157 104.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 6.970 ug/l

RT: 15.400 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN079764.D

Acq: 01 Nov 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

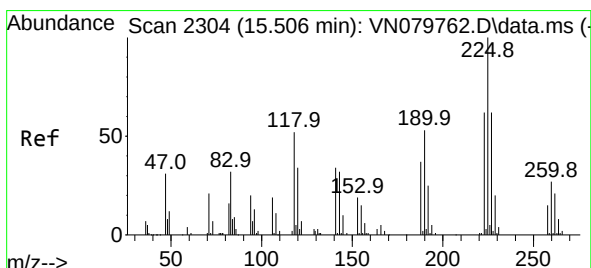
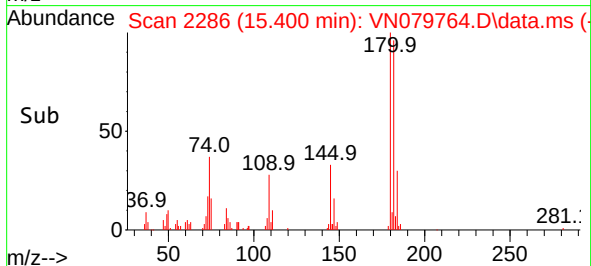
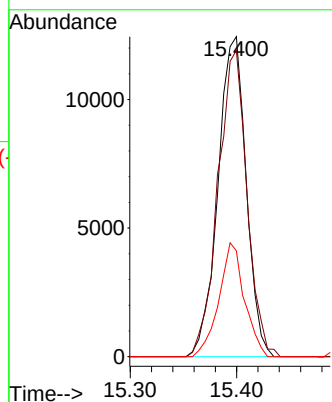
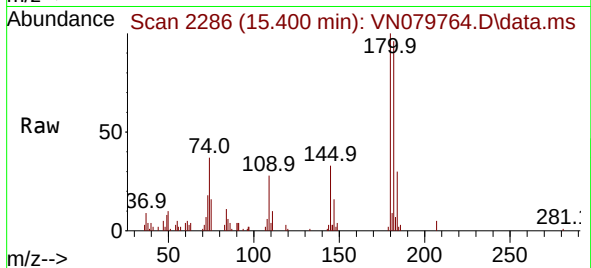
Tgt Ion:180	Resp:	2285
Ion Ratio	Lower	Upper
180	100	
182	98.3	46.1 138.2
145	32.2	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#94

Hexachlorobutadiene

Concen: 7.497 ug/l

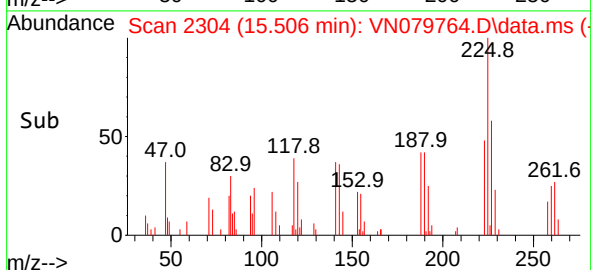
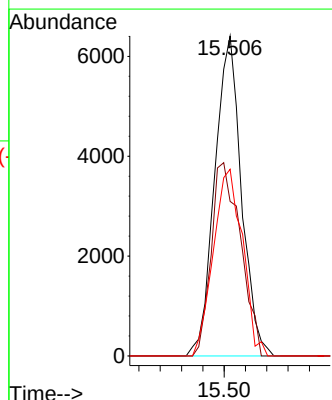
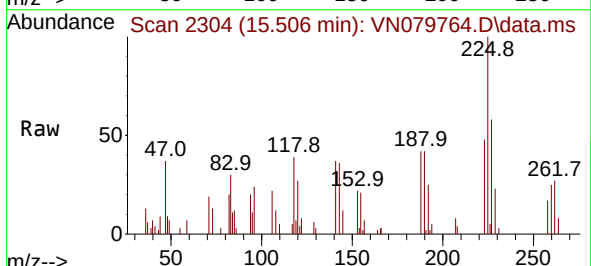
RT: 15.506 min Scan# 2304

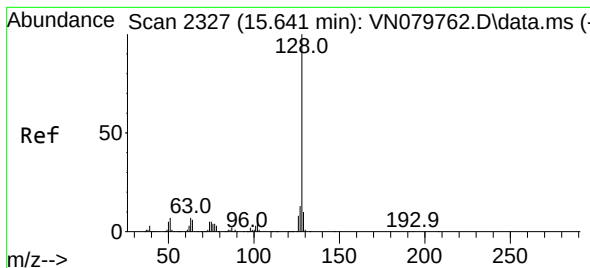
Delta R.T. -0.000 min

Lab File: VN079764.D

Acq: 01 Nov 2023 11:14

Tgt Ion:225	Resp:	11143
Ion Ratio	Lower	Upper
225	100	
223	66.2	31.3 93.8
227	63.9	31.9 95.9





#95

Naphthalene

Concen: 7.253 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN079764.D

Acq: 01 Nov 2023 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:128 Resp: 80640

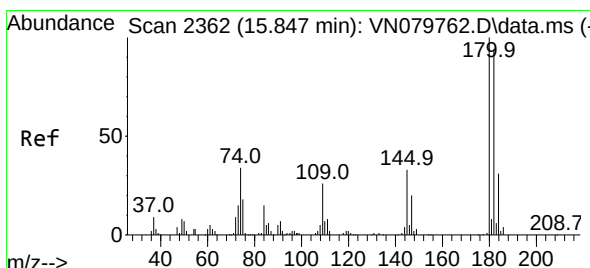
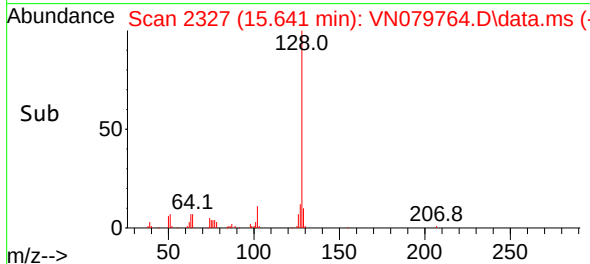
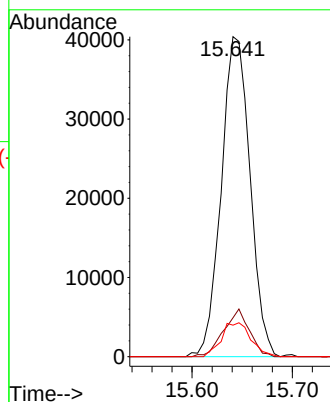
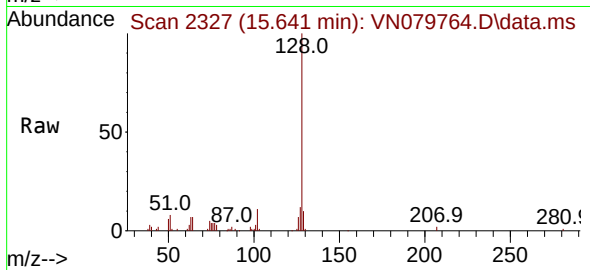
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations

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#96

1,2,3-Trichlorobenzene

Concen: 7.573 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079764.D

Acq: 01 Nov 2023 11:14

Tgt Ion:180 Resp: 24338

Ion	Ratio	Lower	Upper
180	100		
182	99.7	46.2	138.6
145	32.0	17.5	52.6

