

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
 Data File : VN079174.D
 Acq On : 07 Sep 2023 11:08
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Quant Time: Sep 08 04:51:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 04:47:25 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/08/2023
 Supervised By : Mahesh Dadoda 09/08/2023

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

Internal Standards						
1) Bromochloromethane	7.818	128	29066	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	176917	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	156129	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	71023	32.475	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.267%			
60) 4-Bromofluorobenzene	12.853	95	68553	29.799	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.333%			
63) Toluene-d8	10.571	98	222818	30.538	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	18942	11.668	ug/l	96
3) Chloromethane	2.365	50	18119	11.131	ug/l	94
4) Vinyl Chloride	2.512	62	15916	9.883	ug/l	97
5) Bromomethane	2.948	94	10814	10.926	ug/l	100
6) Chloroethane	3.118	64	11451	11.610	ug/l	97
7) Trichlorofluoromethane	3.495	101	20727	10.810	ug/l	97
8) Diethyl Ether	3.971	74	7476	10.633	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	11240m	11.521	ug/l	
10) 1,1-Dichloroethene	4.336	96	10713	10.463	ug/l	88
11) Methyl Iodide	4.594	142	13268	10.288	ug/l	89
12) Methyl Acetate	5.030	43	26002	12.405	ug/l	98
13) Acrolein	4.189	56	11123	51.180	ug/l	96
14) Acrylonitrile	5.730	53	37083	59.021	ug/l	98
15) Acetone	4.436	58	9290	50.875	ug/l	76
16) Carbon Disulfide	4.706	76	32371	10.700	ug/l	98
17) Allyl chloride	5.030	41	15983	11.641	ug/l	94
18) Methylene Chloride	5.283	84	15010	10.931	ug/l	94
19) trans-1,2-Dichloroethene	5.789	96	14387	11.231	ug/l	93
20) Diisopropyl ether	6.683	45	43684	8.892	ug/l	95
21) 1,1-Dichloroethane	6.571	63	26736	9.290	ug/l	97
22) cis-1,2-Dichloroethene	7.488	96	18321	9.145	ug/l	98
23) tert-Butyl Alcohol	5.536	59	14721	54.670	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	42040	10.404	ug/l	97
25) Chloroform	7.977	83	37493	10.806	ug/l	99
26) Cyclohexane	8.265	56	29289	11.225	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	28193	9.939	ug/l	99
30) 2-Butanone	7.494	43	54225	38.007	ug/l	98
31) 2,2-Dichloropropane	7.494	77	22981	8.122	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	33232	9.944	ug/l	98
33) Carbon Tetrachloride	8.371	117	29091	13.816	ug/l	90
34) Benzene	8.612	78	91591	10.163	ug/l	97
35) Methacrylonitrile	7.783	41	13835	9.006	ug/l	91
36) 1,2-Dichloroethane	8.677	62	30601	10.296	ug/l	99
37) Trichloroethene	9.359	130	21983	10.320	ug/l	92
38) Methylcyclohexane	9.606	83	28511	10.054	ug/l	97
39) 1,2-Dichloropropane	9.624	63	24521	10.548	ug/l	99
40) Dibromomethane	9.712	93	15603	10.178	ug/l	98
41) Bromodichloromethane	9.894	83	31273	10.233	ug/l	95
42) Vinyl Acetate	6.606	43	134952	39.829	ug/l	99

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Instrument :
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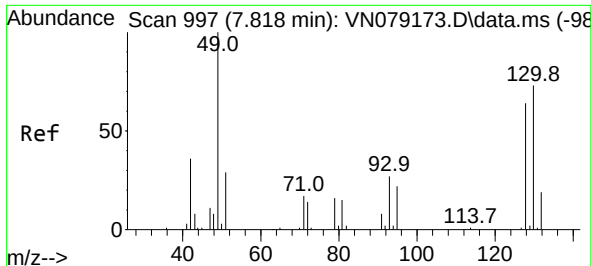
Manual Integrations
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Reviewed By : John Carlone 09/08/2023
 Supervised By : Mahesh Dadoda 09/08/2023

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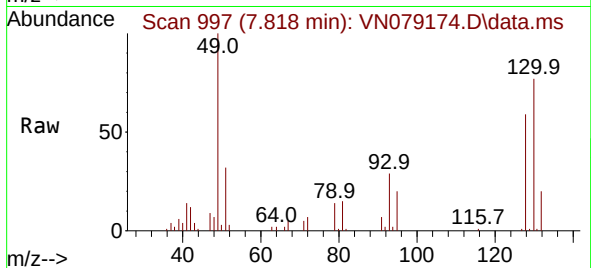
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	22494	8.302	ug/l #	82
44) Isopropyl Acetate	8.694	43	49563	10.168	ug/l	98
45) 1,4-Dioxane	9.700	88	10080	207.756	ug/l	92
46) Methyl methacrylate	9.688	41	21395	9.825	ug/l	97
47) n-amyl Acetate	12.500	43	34132	9.957	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	33037	9.992	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	33350	9.670	ug/l	98
50) 1,1,2-Trichloroethane	11.023	97	22305	10.368	ug/l	97
51) Ethyl methacrylate	10.882	69	32466	9.775	ug/l	99
52) 1,3-Dichloropropane	11.171	76	35995	9.803	ug/l	98
53) Dibromochloromethane	11.365	129	21055	9.334	ug/l	95
54) 1,2-Dibromoethane	11.476	107	20699	9.487	ug/l	97
55) 2-Chloroethyl vinyl ether	10.171	63	53195	45.073	ug/l	100
56) Bromoform	12.582	173	15555	9.905	ug/l	95
58) 4-Methyl-2-Pentanone	10.453	43	152528	53.237	ug/l	99
59) 2-Hexanone	11.200	43	101929	50.658	ug/l	98
61) Tetrachloroethene	11.112	164	17123	10.079	ug/l	93
62) Toluene	10.635	91	96367	10.601	ug/l	99
64) Chlorobenzene	11.894	112	55995	10.559	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	22001	10.836	ug/l	98
66) Ethyl Benzene	11.970	91	94794	10.357	ug/l	99
67) m/p-Xylenes	12.076	106	72631	21.089	ug/l	96
68) o-Xylene	12.406	106	35770	10.765	ug/l	98
69) Styrene	12.418	104	55149	10.410	ug/l	97
70) Isopropylbenzene	12.700	105	87132	10.321	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	32868	10.407	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	27533m	9.577	ug/l	
73) Bromobenzene	12.988	156	21646	10.264	ug/l	96
74) n-propylbenzene	13.041	91	98323	10.221	ug/l	99
75) 2-Chlorotoluene	13.135	91	63984	10.373	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	71463	10.237	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	9343	9.986	ug/l	90
78) 4-Chlorotoluene	13.229	91	60276	10.349	ug/l	96
79) tert-butylbenzene	13.441	119	59819	10.440	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	69317	10.398	ug/l	99
81) sec-Butylbenzene	13.623	105	79888	10.190	ug/l	98
82) p-Isopropyltoluene	13.735	119	63933	10.324	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	33653	10.048	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	33479	10.658	ug/l	97
85) n-Butylbenzene	14.059	91	47042	9.974	ug/l	99
86) Hexachloroethane	14.341	117	12172	9.928	ug/l	100
87) 1,2-Dichlorobenzene	14.112	146	33427	10.114	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.729	75	5562	10.419	ug/l	96
89) 1,2,4-Trichlorobenzene	15.847	180	14614	10.324	ug/l	99
90) Hexachlorobutadiene	15.506	225	8944	10.429	ug/l	98
91) Naphthalene	15.647	128	35498	9.605	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	14614	10.324	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

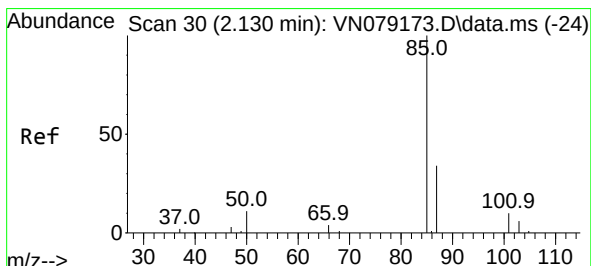
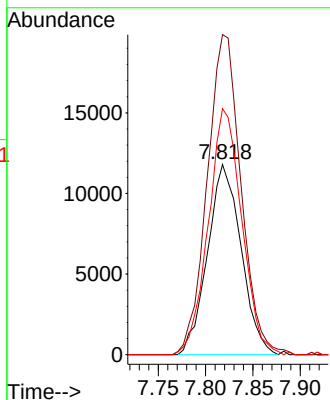
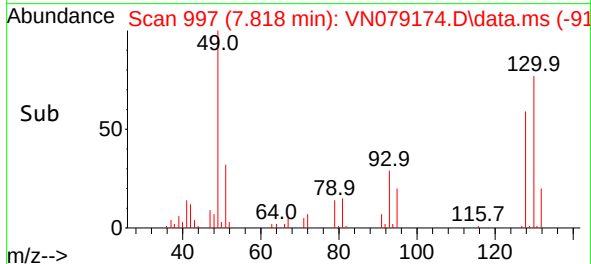
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



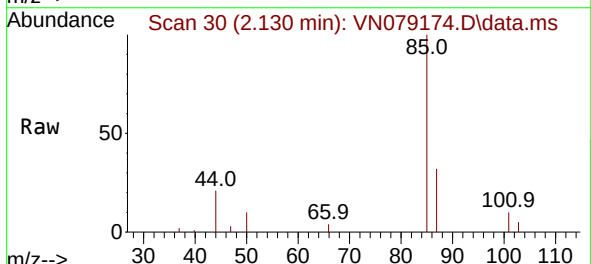
Tgt Ion:128 Resp: 2906
Ion Ratio Lower Upper
128 100
49 169.4 0.0 414.3
130 129.0 0.0 311.0

Manual Integrations
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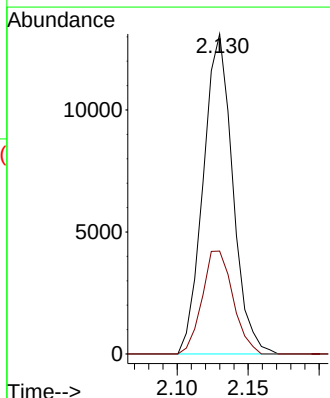
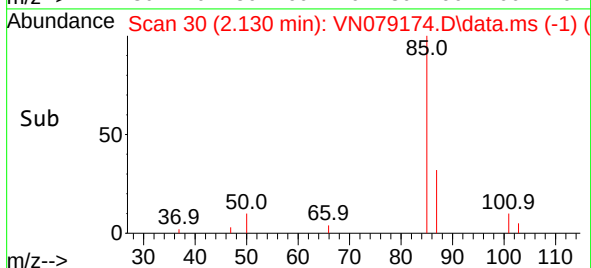
Reviewed By :John Carlone 09/08/2023
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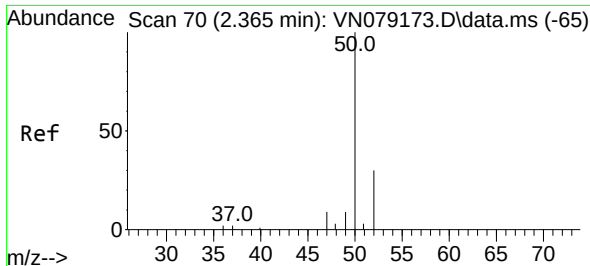


#2
Dichlorodifluoromethane
Concen: 11.668 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08



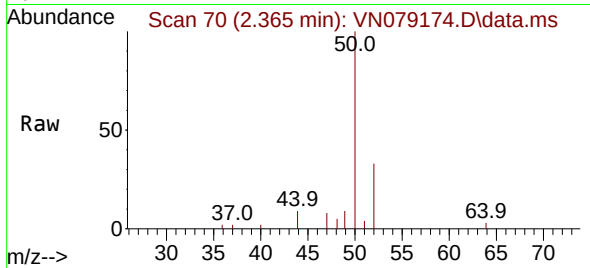
Tgt Ion: 85 Resp: 18942
Ion Ratio Lower Upper
85 100
87 32.1 17.3 51.7





#3
Chloromethane
Concen: 11.131 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

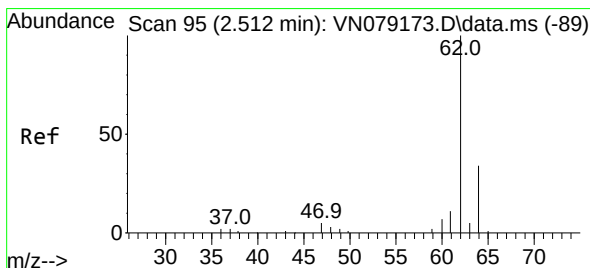
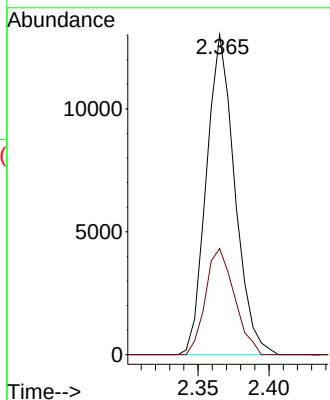
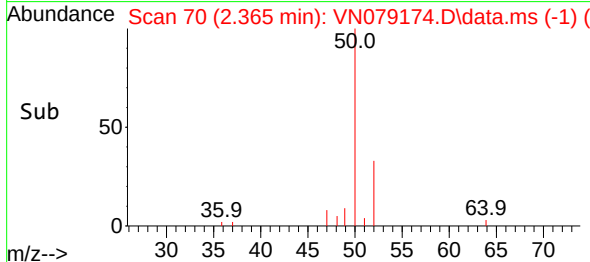
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 50 Resp: 18119
Ion Ratio Lower Upper
50 100
52 33.1 24.0 36.0

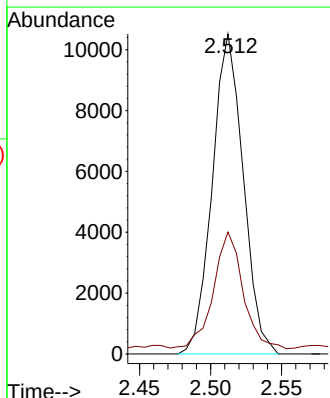
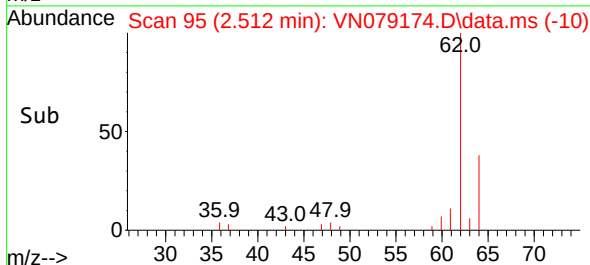
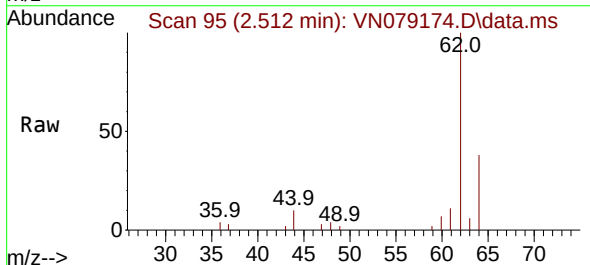
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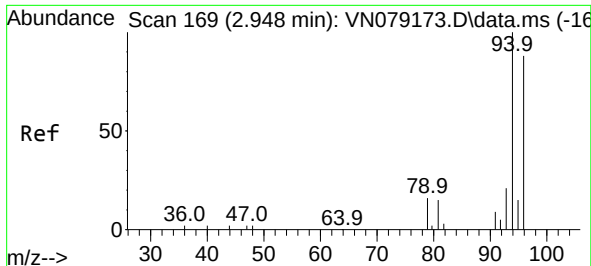
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#4
Vinyl Chloride
Concen: 9.883 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

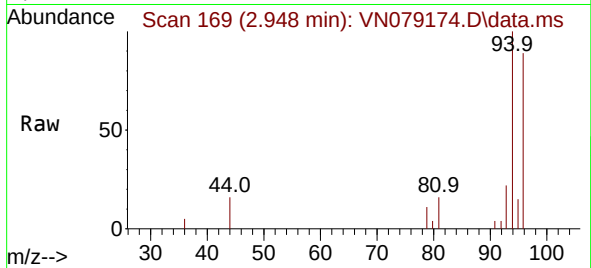
Tgt Ion: 62 Resp: 15916
Ion Ratio Lower Upper
62 100
64 35.9 27.1 40.7





#5
Bromomethane
Concen: 10.926 ug/l
RT: 2.948 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

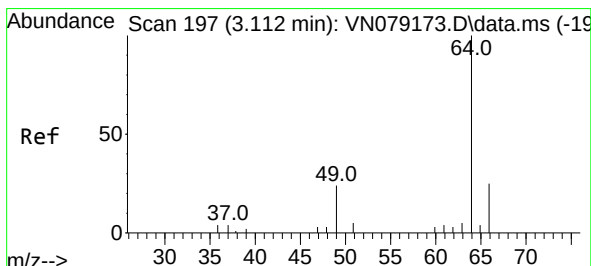
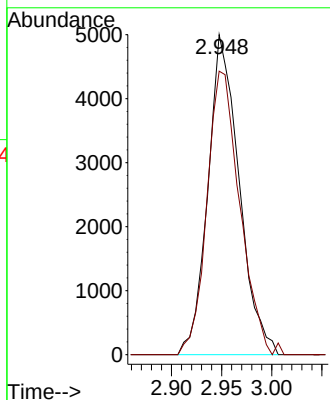
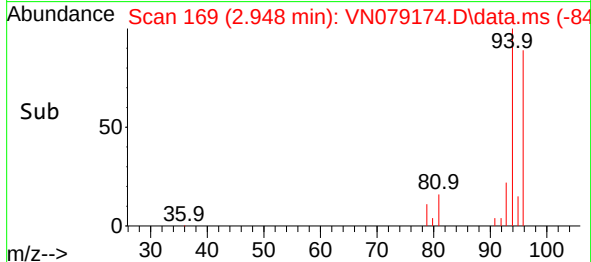
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MSVOA_N
ClientSampleId :
VSTDICC010



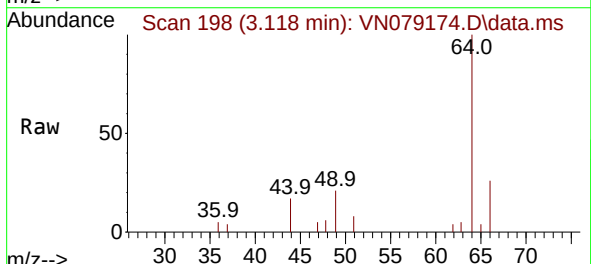
Tgt Ion: 94 Resp: 10814
Ion Ratio Lower Upper
94 100
96 88.6 70.6 105.8

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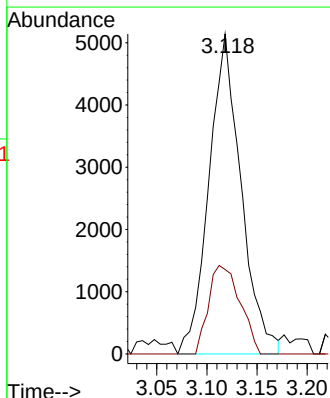
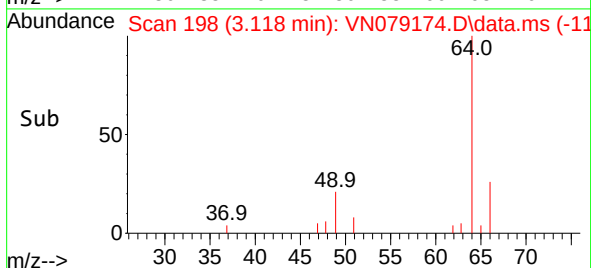
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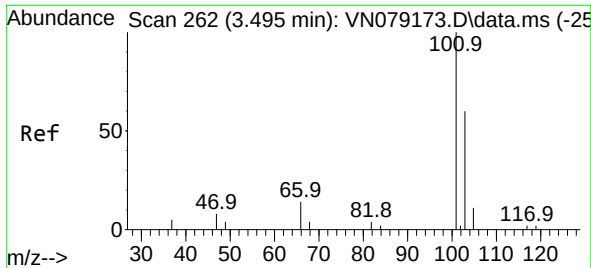


#6
Chloroethane
Concen: 11.610 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08



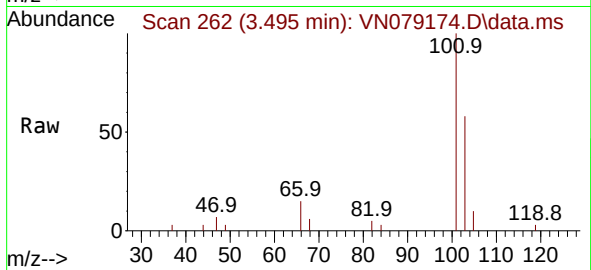
Tgt Ion: 64 Resp: 11451
Ion Ratio Lower Upper
64 100
66 26.4 20.1 30.1





#7
Trichlorofluoromethane
Concen: 10.810 ug/l
RT: 3.495 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

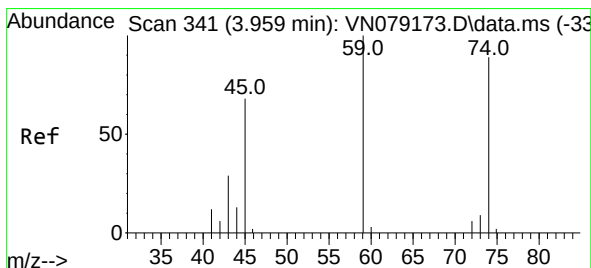
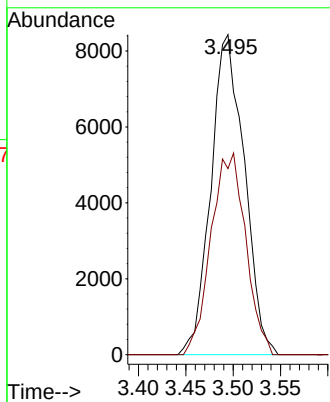
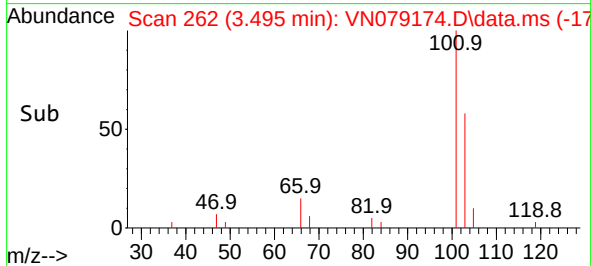
Instrument :
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Tgt Ion:101 Resp: 2072
Ion Ratio Lower Upper
101 100
103 58.1 48.2 72.4

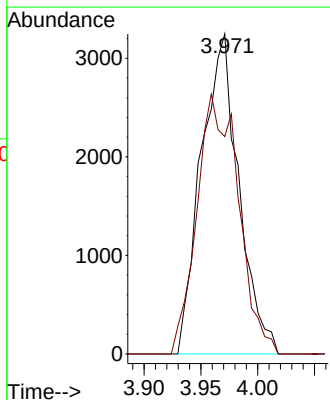
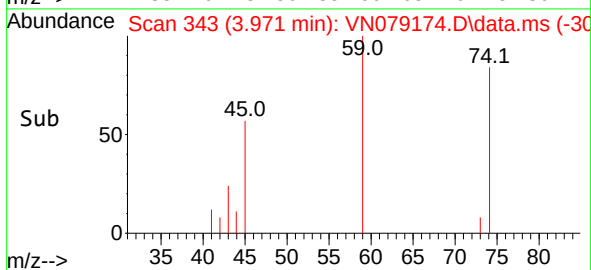
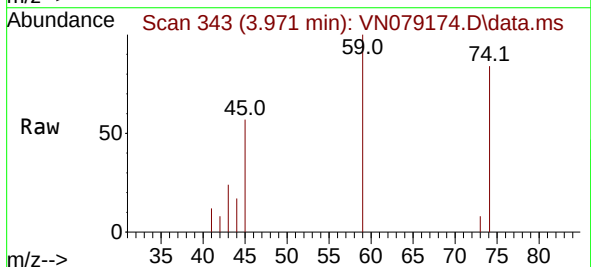
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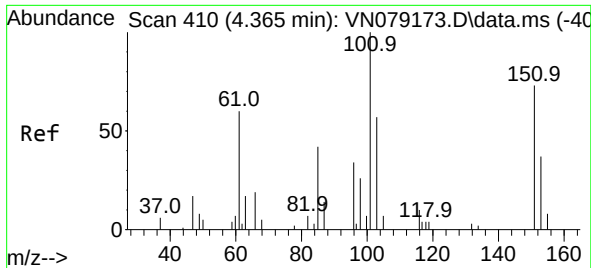
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#8
Diethyl Ether
Concen: 10.633 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.012 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Tgt Ion: 74 Resp: 7476
Ion Ratio Lower Upper
74 100
45 59.9 17.6 158.0





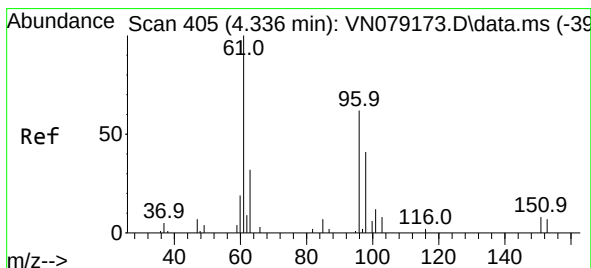
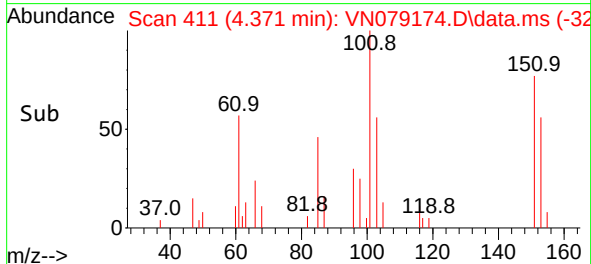
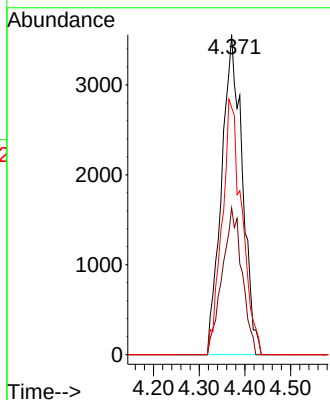
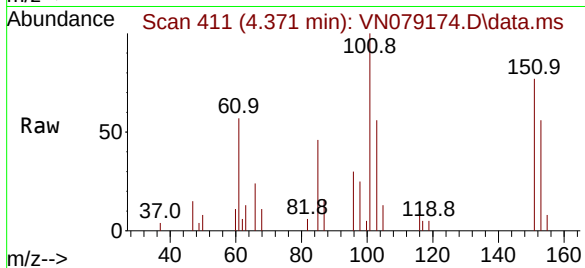
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.521 ug/l m
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 11240
Ion Ratio Lower Upper
101 100
85 43.8 0.0 85.6
151 54.6 0.0 155.8

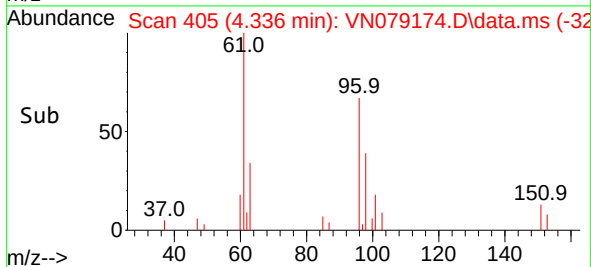
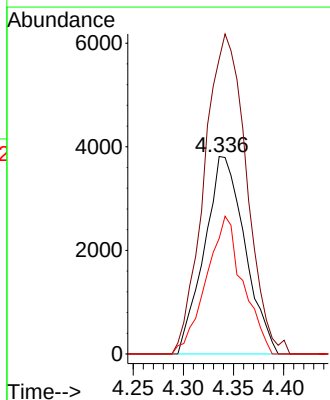
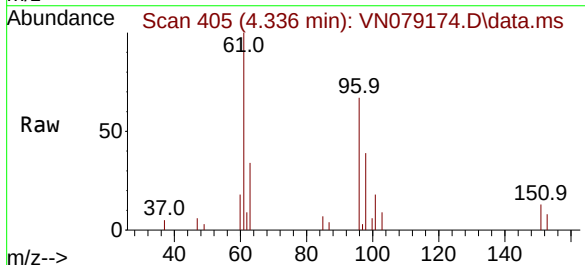
Manual Integrations
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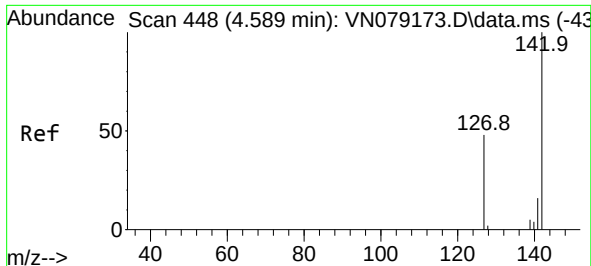
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#10
1,1-Dichloroethene
Concen: 10.463 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

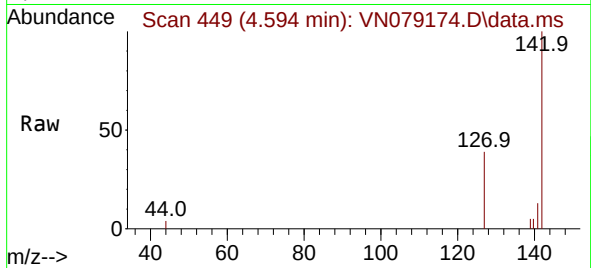
Tgt Ion: 96 Resp: 10713
Ion Ratio Lower Upper
96 100
61 144.9 130.2 195.2
98 58.5 52.3 78.5





#11
Methyl Iodide
Concen: 10.288 ug/l
RT: 4.594 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

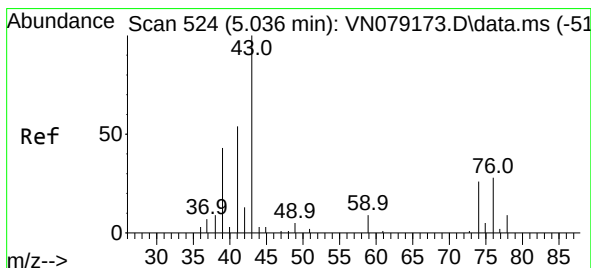
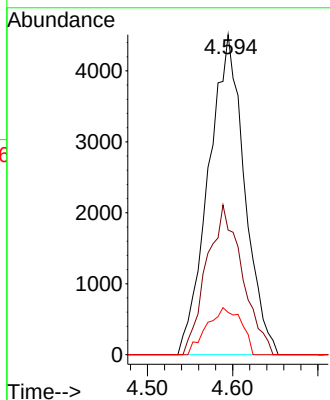
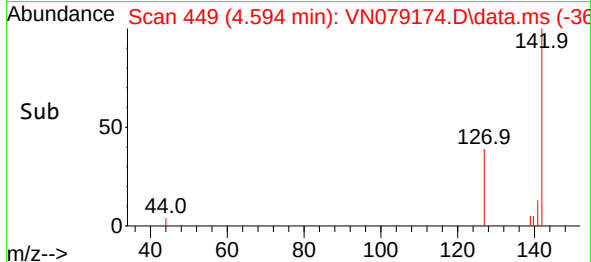
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010



Tgt Ion: 142 Resp: 13268
Ion Ratio Lower Upper
142 100
127 38.9 23.8 71.4
141 13.2 8.2 24.6

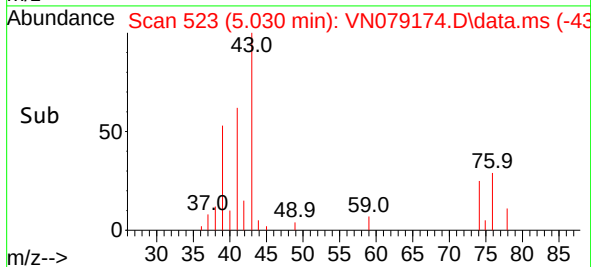
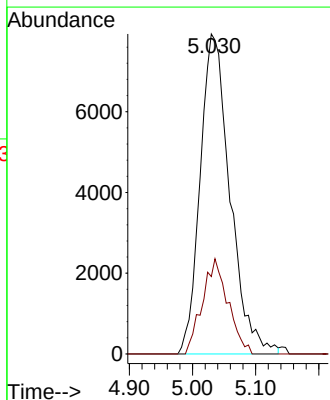
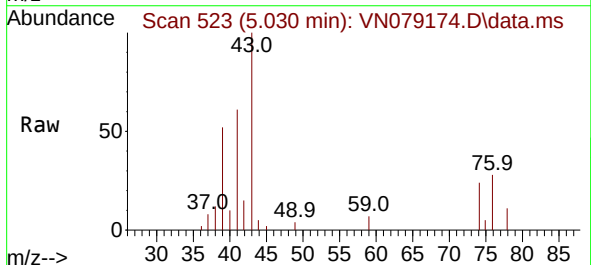
Manual Integrations
APPROVED

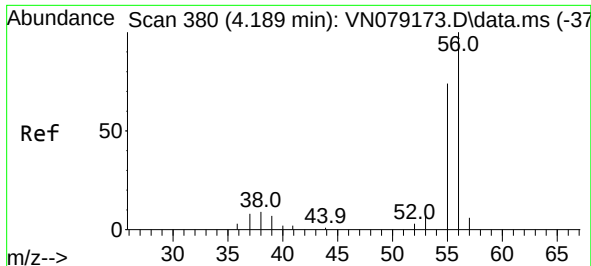
Reviewed By : John Carlone 09/08/2023
Supervised By : Mahesh Dadoda 09/08/2023



#12
Methyl Acetate
Concen: 12.405 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

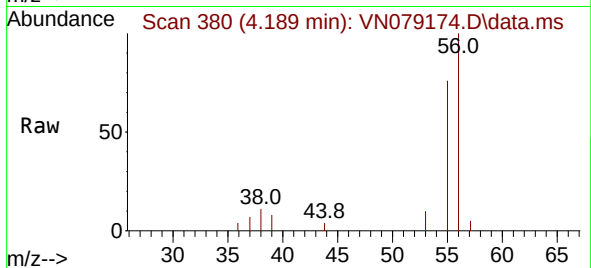
Tgt Ion: 43 Resp: 26002
Ion Ratio Lower Upper
43 100
74 24.4 20.4 30.6





#13
Acrolein
Concen: 51.180 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

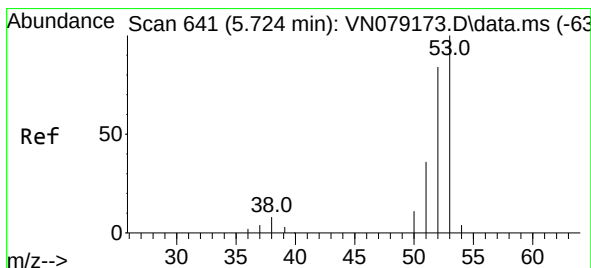
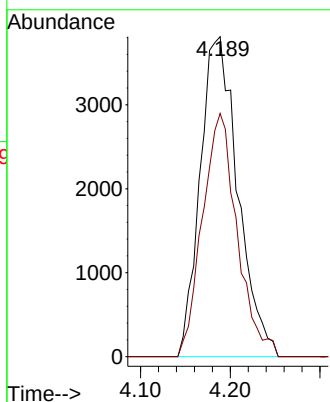
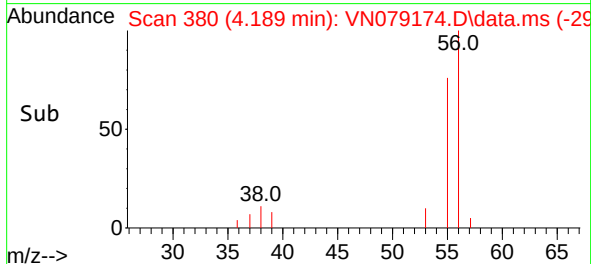
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



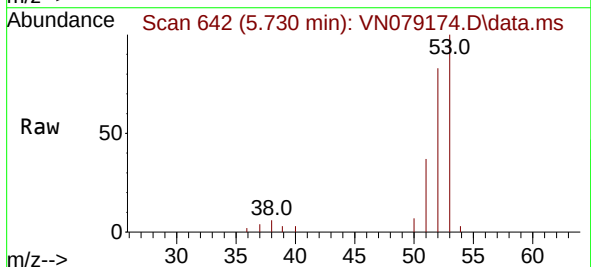
Tgt Ion: 56 Resp: 1112
Ion Ratio Lower Upper
56 100
55 68.7 57.7 86.5

Manual Integrations
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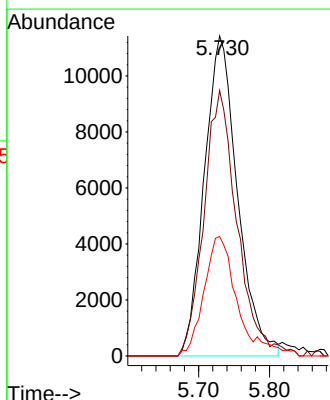
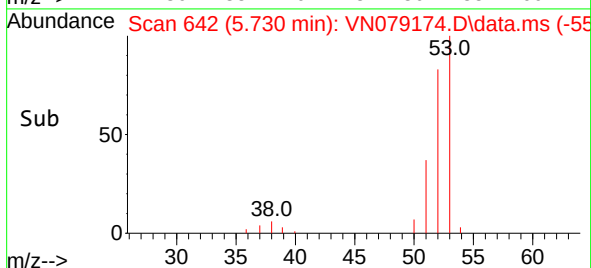
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

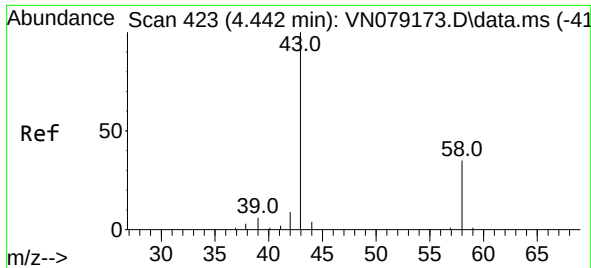


#14
Acrylonitrile
Concen: 59.021 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08



Tgt Ion: 53 Resp: 37083
Ion Ratio Lower Upper
53 100
52 81.2 41.4 124.4
51 34.3 17.3 51.9





#15

Acetone

Concen: 50.875 ug/l

RT: 4.436 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079174.D

Acq: 07 Sep 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 58 Resp: 9290

Ion Ratio Lower Upper

58 100

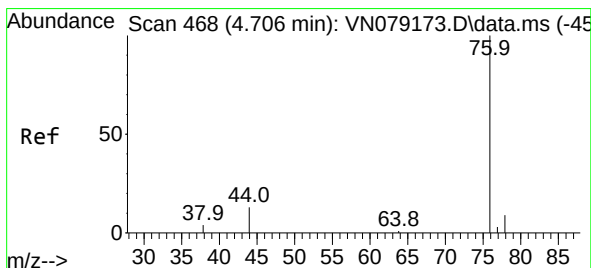
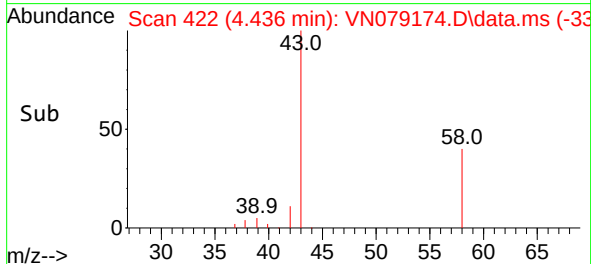
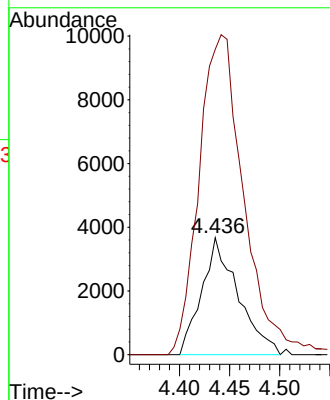
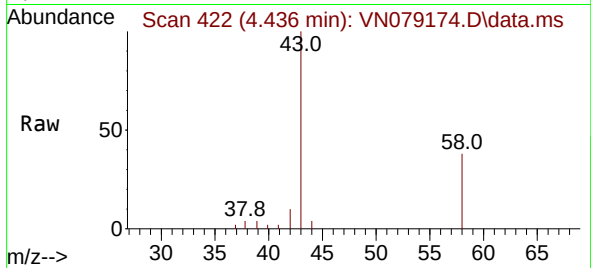
43 239.4 228.3 342.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#16

Carbon Disulfide

Concen: 10.700 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.000 min

Lab File: VN079174.D

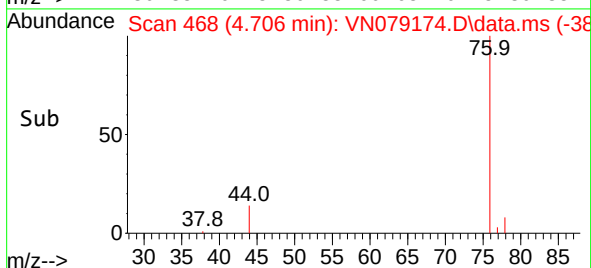
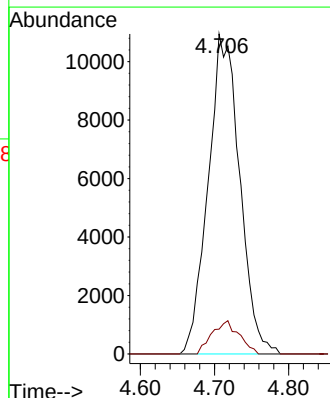
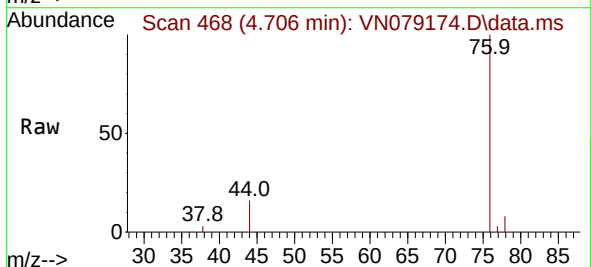
Acq: 07 Sep 2023 11:08

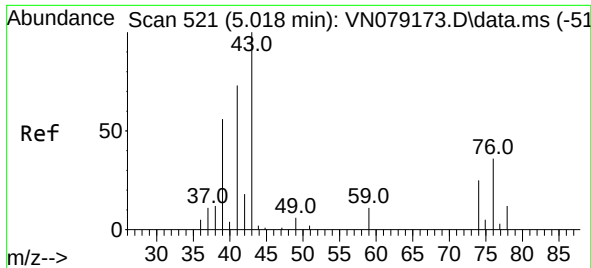
Tgt Ion: 76 Resp: 32371

Ion Ratio Lower Upper

76 100

78 7.7 6.9 10.3





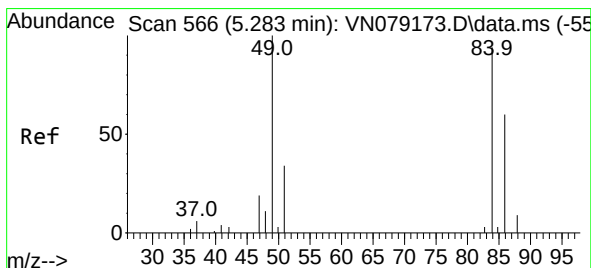
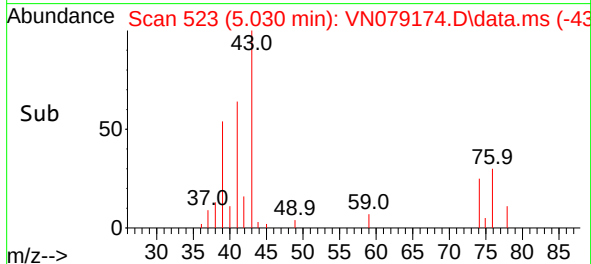
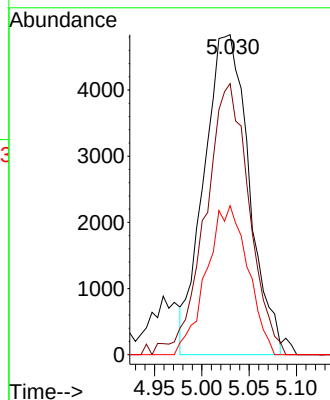
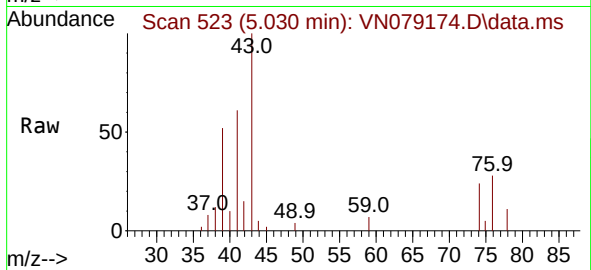
#17
 Allyl chloride
 Concen: 11.641 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN079174.D
 Acq: 07 Sep 2023 11:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 41 Resp: 1598
 Ion Ratio Lower Upper
 41 100
 39 83.6 38.3 114.8
 76 48.2 23.7 71.1

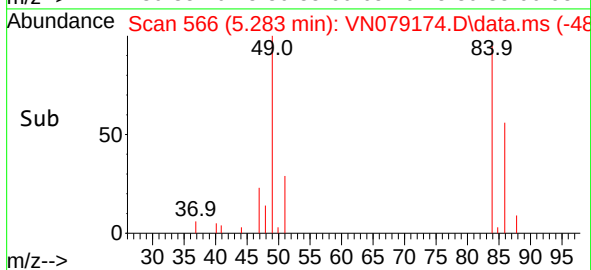
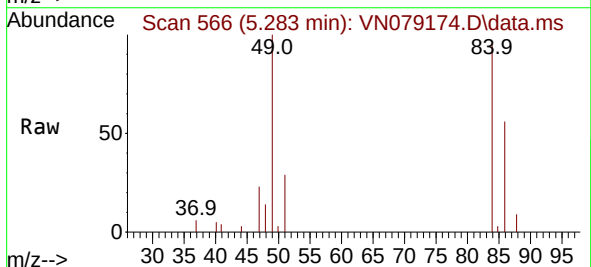
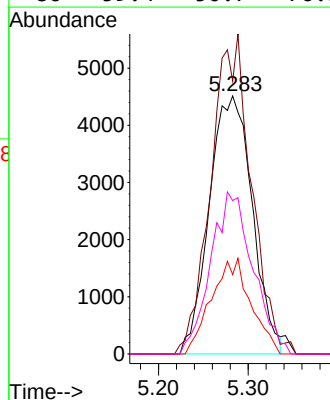
Manual Integrations
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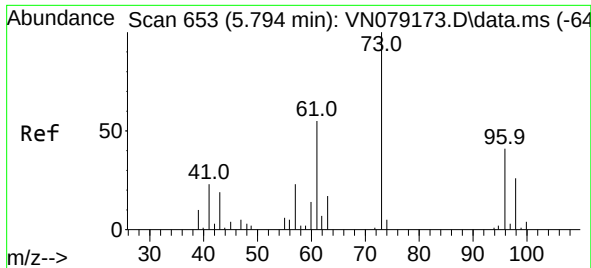
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023



#18
 Methylene Chloride
 Concen: 10.931 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.000 min
 Lab File: VN079174.D
 Acq: 07 Sep 2023 11:08

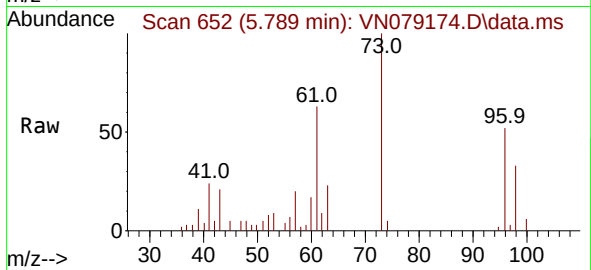
Tgt Ion: 84 Resp: 15010
 Ion Ratio Lower Upper
 84 100
 49 102.2 86.9 130.3
 51 30.7 28.6 43.0
 86 59.4 50.7 76.1





#19
trans-1,2-Dichloroethene
Concen: 11.231 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

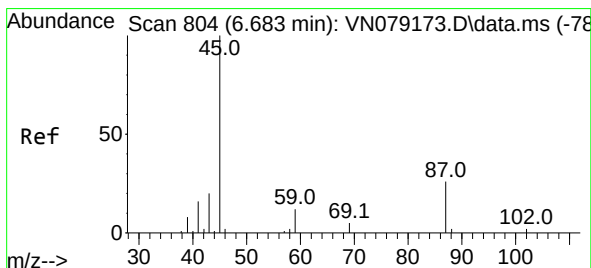
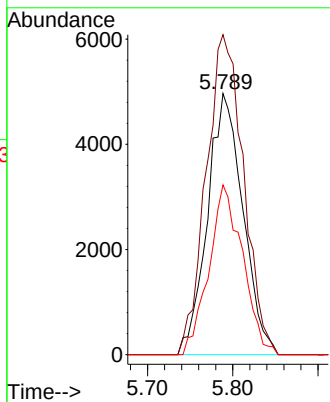
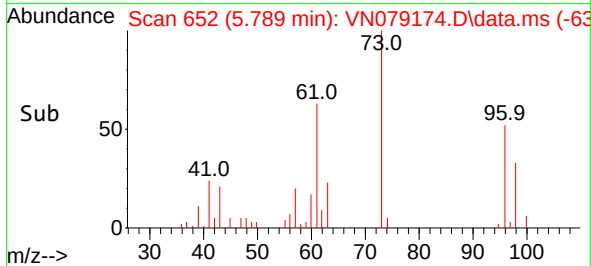
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 1438
Ion Ratio Lower Upper
96 100
61 122.6 106.6 159.8
98 65.0 51.0 76.4

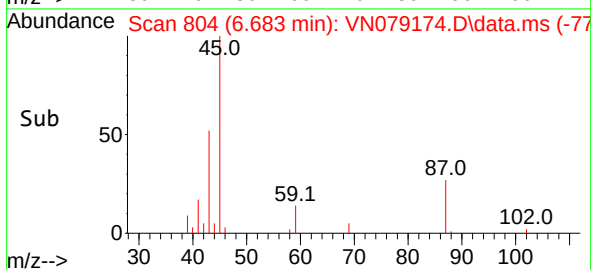
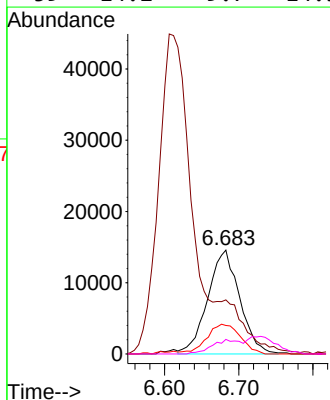
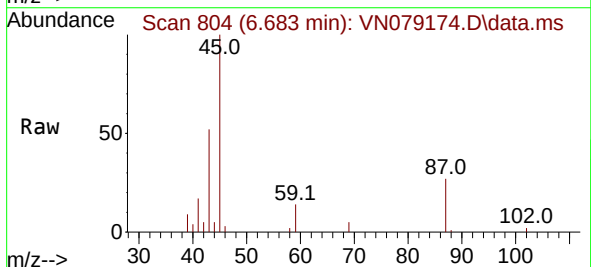
Manual Integrations
APPROVED

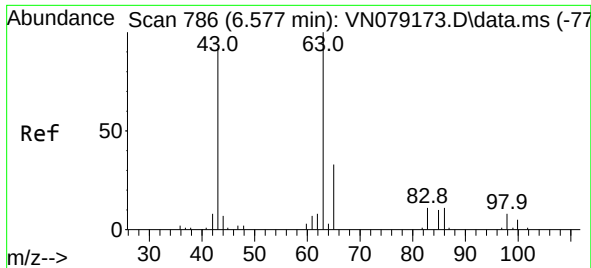
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#20
Diisopropyl ether
Concen: 8.892 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Tgt Ion: 45 Resp: 43684
Ion Ratio Lower Upper
45 100
43 48.1 34.9 52.3
87 27.8 21.5 32.3
59 14.2 9.7 14.5





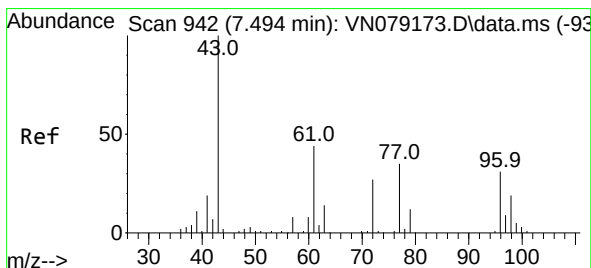
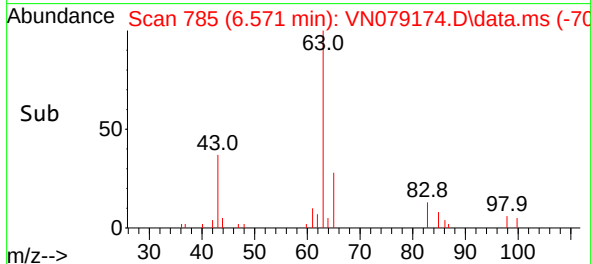
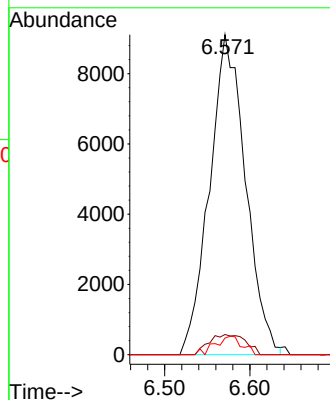
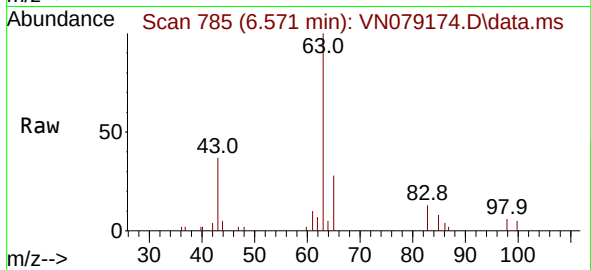
#21
1,1-Dichloroethane
Concen: 9.290 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 63 Resp: 26730
Ion Ratio Lower Upper
63 100
98 6.3 3.9 11.5
100 5.2 2.5 7.5

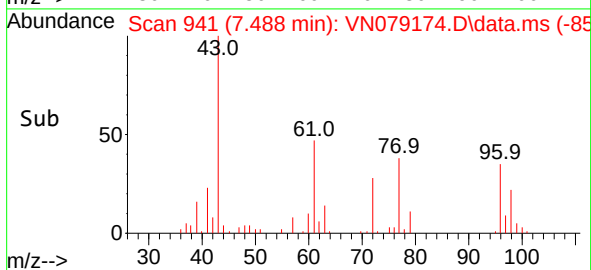
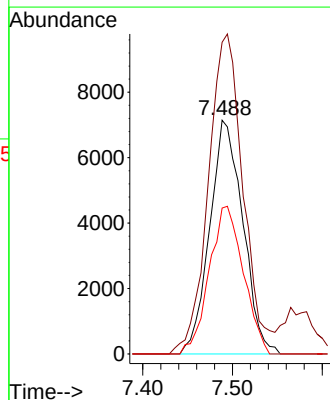
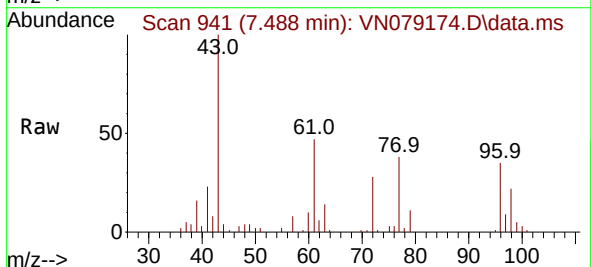
Manual Integrations
APPROVED

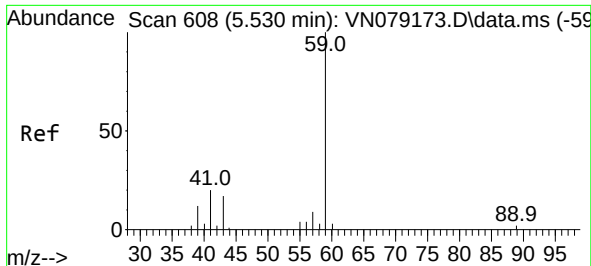
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#22
cis-1,2-Dichloroethene
Concen: 9.145 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Tgt Ion: 96 Resp: 18321
Ion Ratio Lower Upper
96 100
61 143.6 113.0 169.6
98 65.1 50.2 75.4





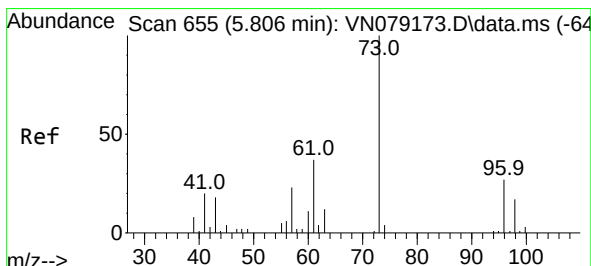
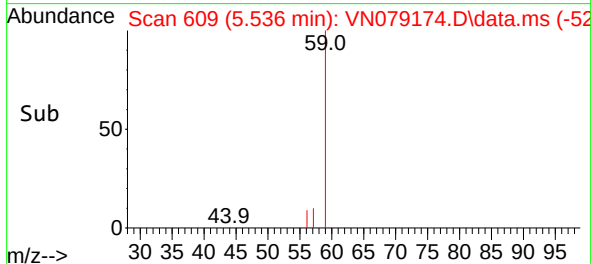
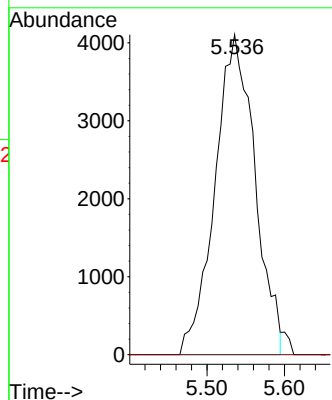
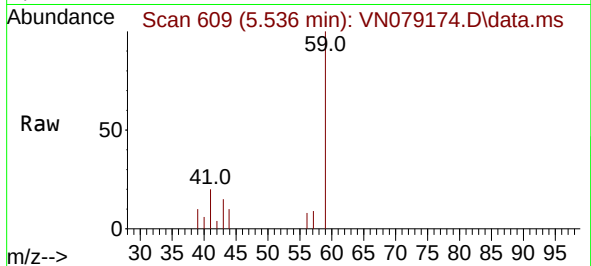
#23
tert-Butyl Alcohol
Concen: 54.670 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 1472
Ion Ratio Lower Upper
59 100
52 204.5 0.0 0.0

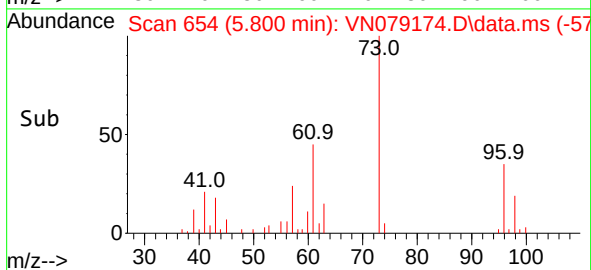
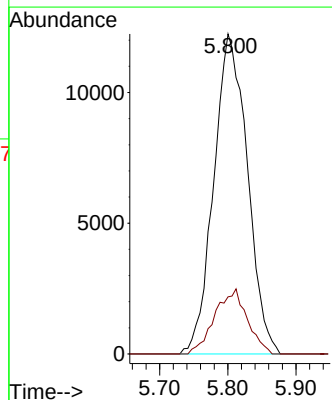
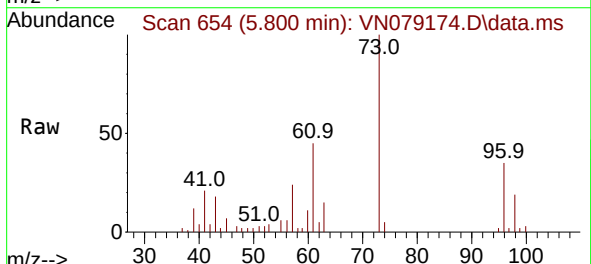
Manual Integrations
APPROVED

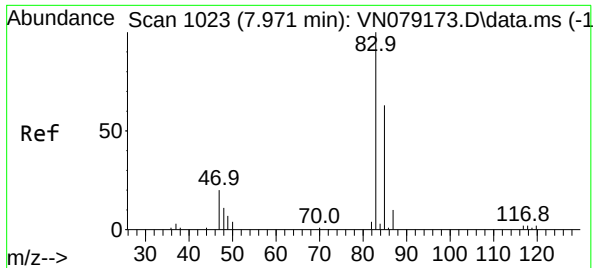
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#24
Methyl tert-Butyl Ether
Concen: 10.404 ug/l
RT: 5.800 min Scan# 654
Delta R.T. -0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Tgt Ion: 73 Resp: 42040
Ion Ratio Lower Upper
73 100
43 19.6 14.7 22.1





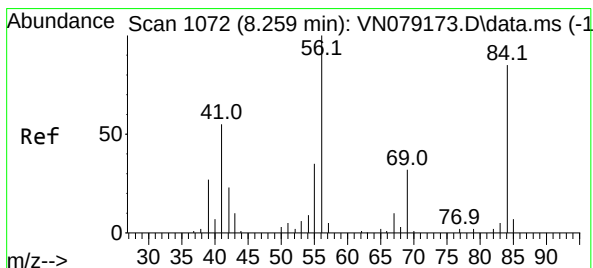
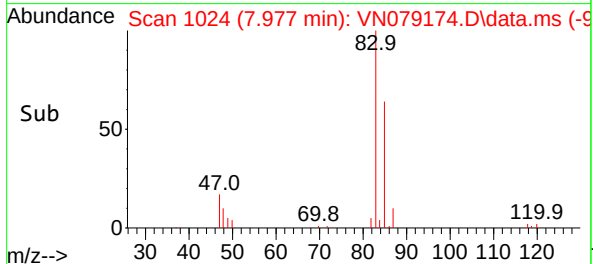
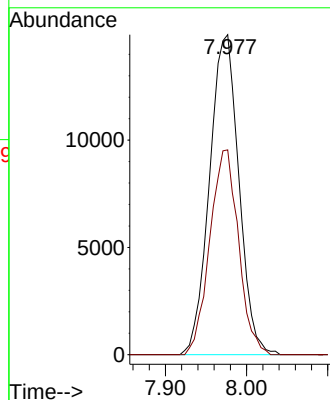
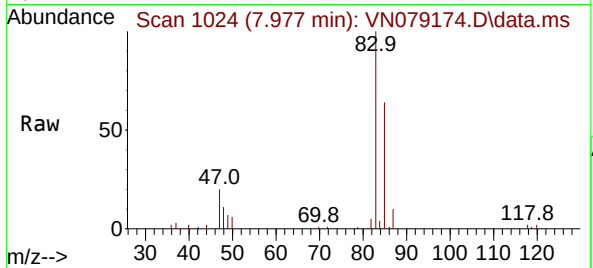
#25
Chloroform
Concen: 10.806 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 3749
Ion Ratio Lower Upper
83 100
85 64.0 50.6 76.0

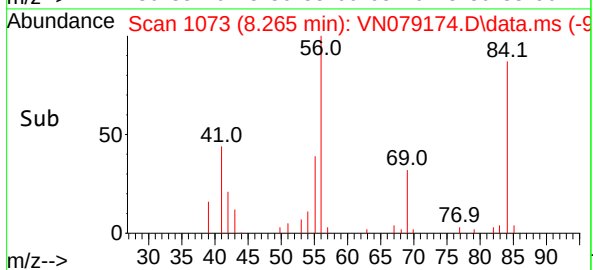
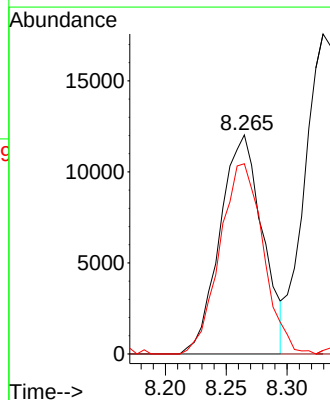
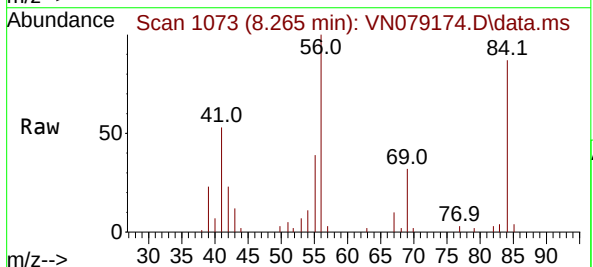
Manual Integrations
APPROVED

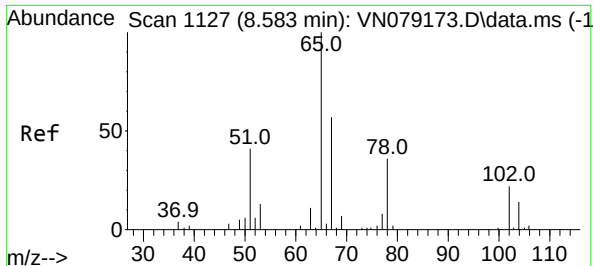
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#26
Cyclohexane
Concen: 11.225 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Tgt Ion: 56 Resp: 29289
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.3 71.1 106.7





#27
1,2-Dichloroethane-d4
Concen: 32.475 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

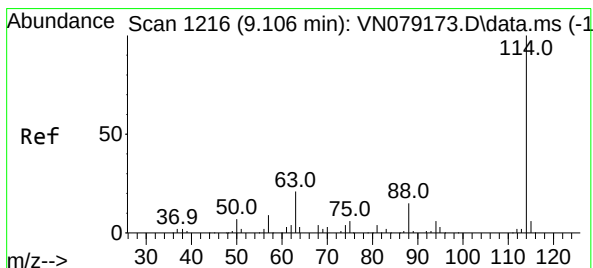
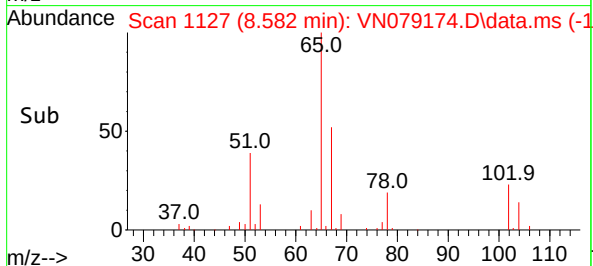
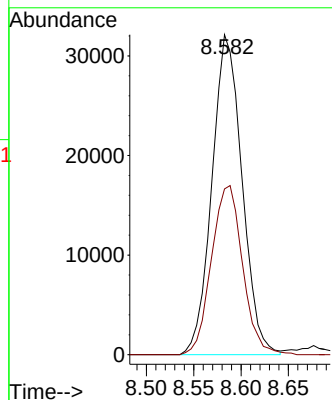
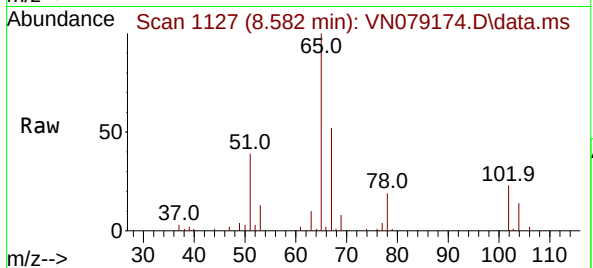
VSTDIC010

Tgt Ion: 65 Resp: 7102
Ion Ratio Lower Upper
65 100
67 54.7 44.4 66.6

Manual Integrations

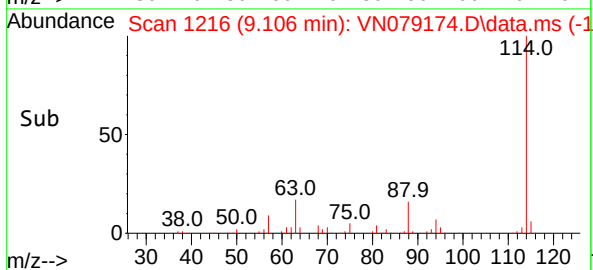
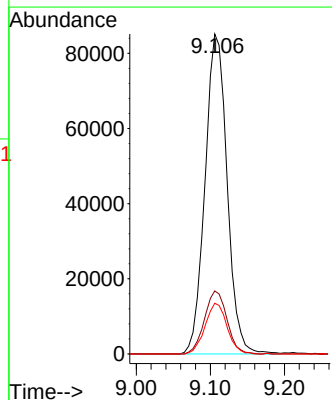
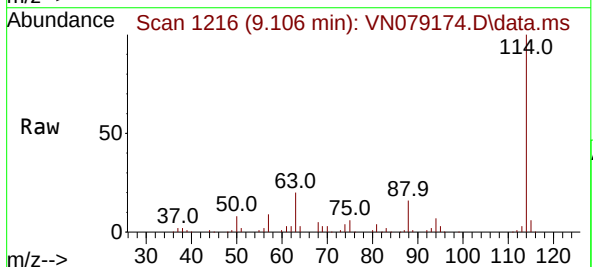
APPROVED

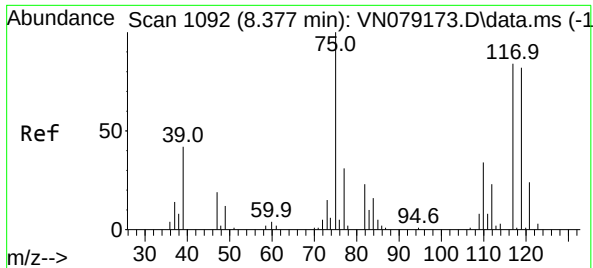
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Tgt Ion:114 Resp: 176917
Ion Ratio Lower Upper
114 100
63 19.9 17.0 25.4
88 15.7 12.8 19.2





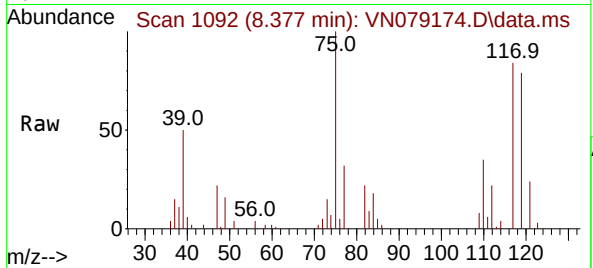
#29
1,1-Dichloropropene
Concen: 9.939 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010



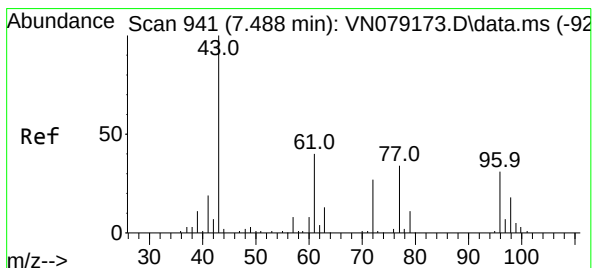
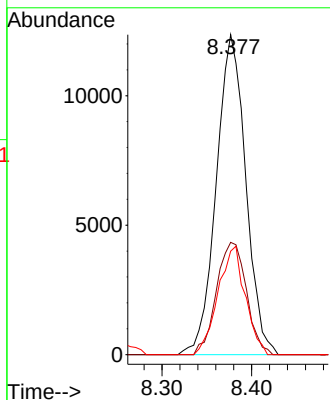
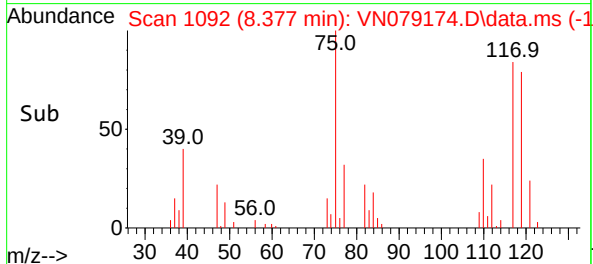
Tgt Ion: 75 Resp: 2819
Ion Ratio Lower Upper
75 100
110 35.6 0.0 68.4
77 31.4 0.0 63.2

Manual Integrations

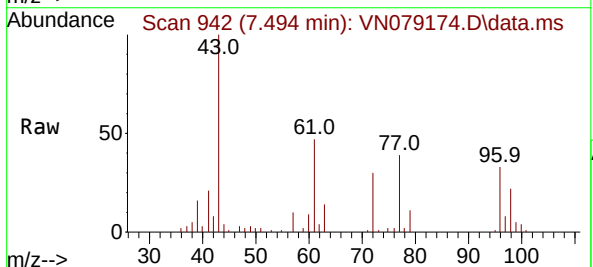
APPROVED

Reviewed By :John Carlone 09/08/2023

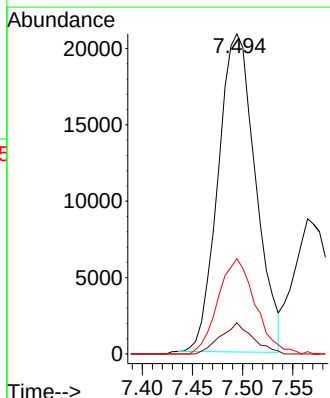
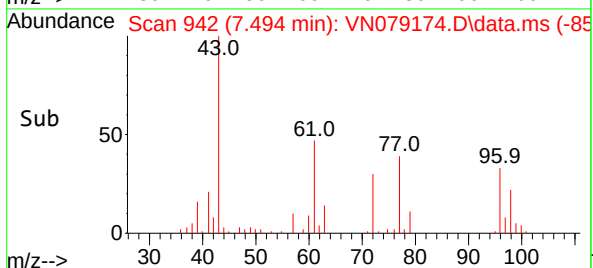
Supervised By :Mahesh Dadoda 09/08/2023

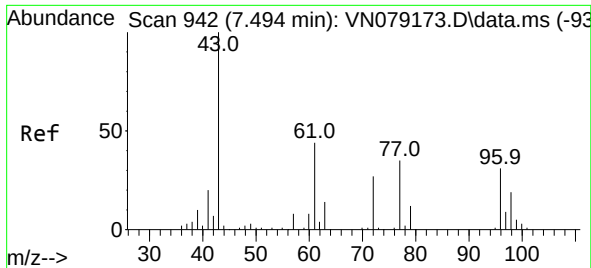


#30
2-Butanone
Concen: 38.007 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08



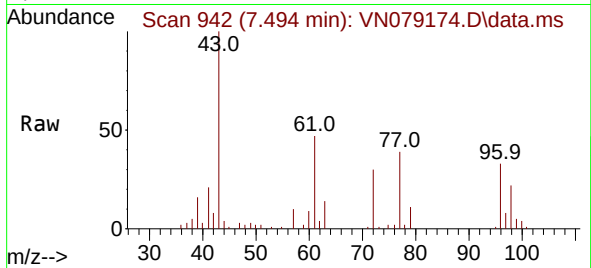
Tgt Ion: 43 Resp: 54225
Ion Ratio Lower Upper
43 100
57 8.4 6.8 10.2
72 29.6 22.4 33.6





#31
2,2-Dichloropropane
Concen: 8.122 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

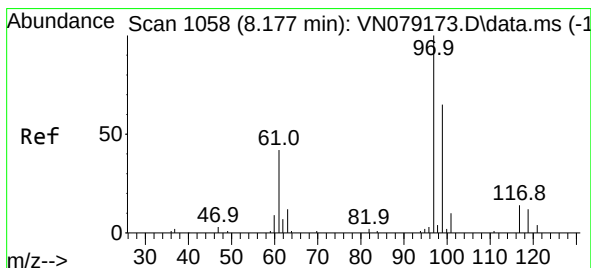
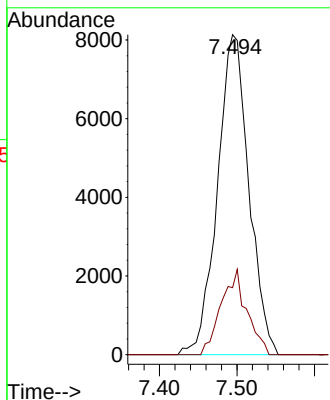
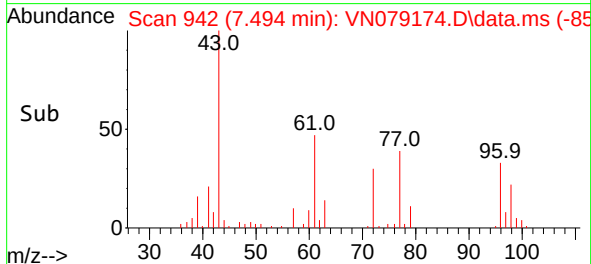
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



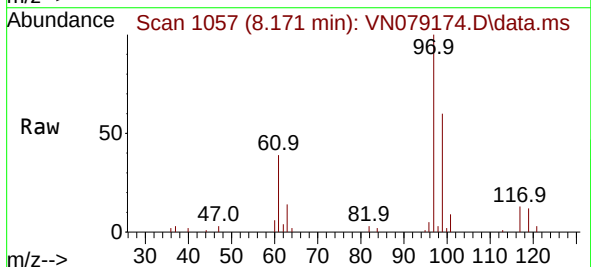
Tgt Ion: 77 Resp: 2298
Ion Ratio Lower Upper
77 100
97 21.7 17.8 26.8

Manual Integrations
APPROVED

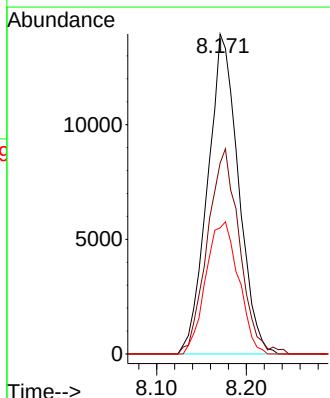
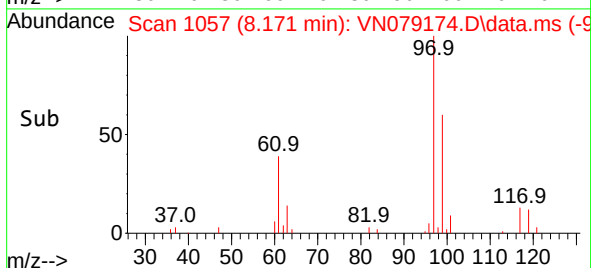
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

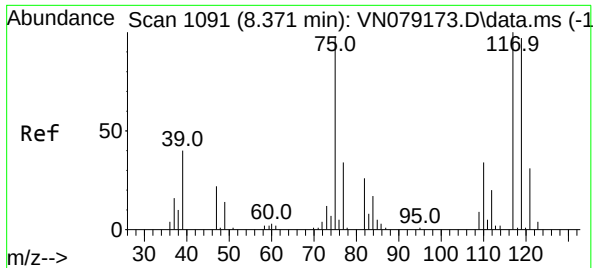


#32
1,1,1-Trichloroethane
Concen: 9.944 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08



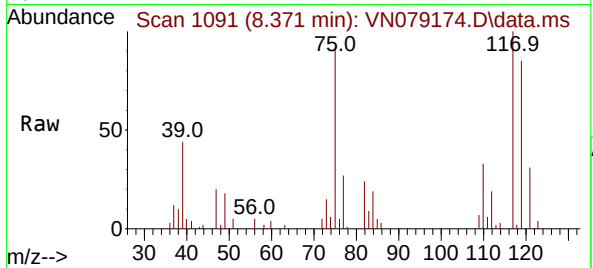
Tgt Ion: 97 Resp: 33232
Ion Ratio Lower Upper
97 100
99 66.0 52.0 78.0
61 43.9 33.4 50.0





#33
Carbon Tetrachloride
Concen: 13.816 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

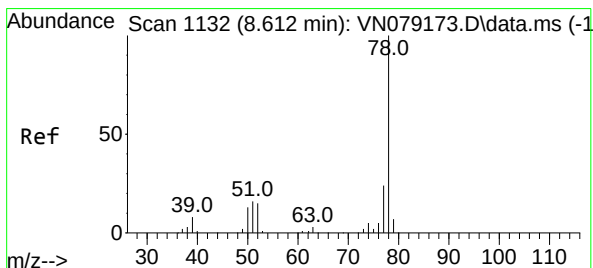
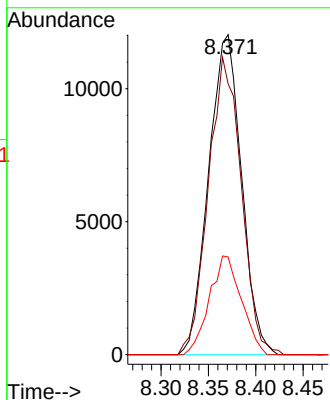
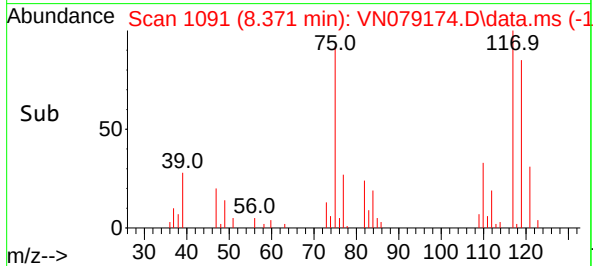
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 2909
Ion Ratio Lower Upper
117 100
119 84.7 77.9 116.9
121 30.6 25.1 37.7

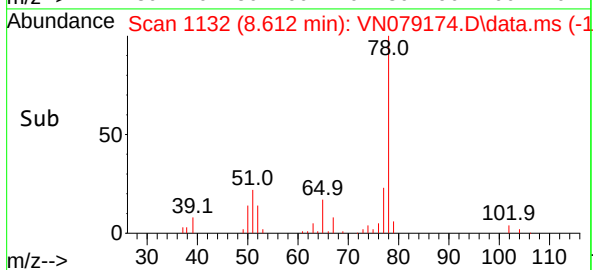
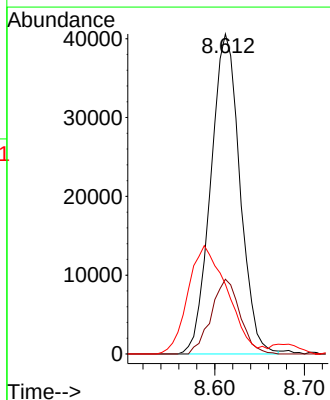
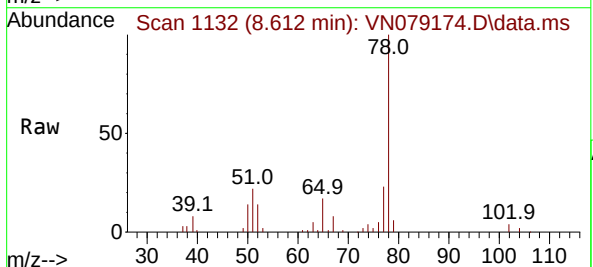
Manual Integrations
APPROVED

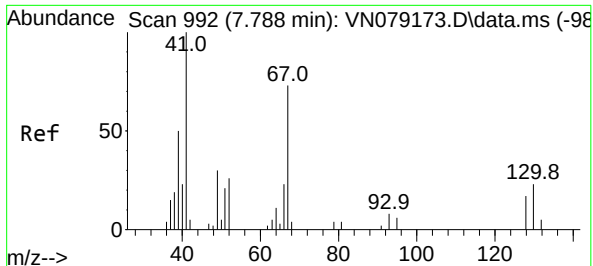
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#34
Benzene
Concen: 10.163 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Tgt Ion: 78 Resp: 91591
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3
51 18.7 13.1 19.7





#35

Methacrylonitrile

Concen: 9.006 ug/l

RT: 7.783 min Scan# 991

Delta R.T. -0.006 min

Lab File: VN079174.D

Acq: 07 Sep 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 41 Resp: 1383

Ion Ratio Lower Upper

41 100

39 56.3 24.9 74.6

67 65.3 36.7 110.1

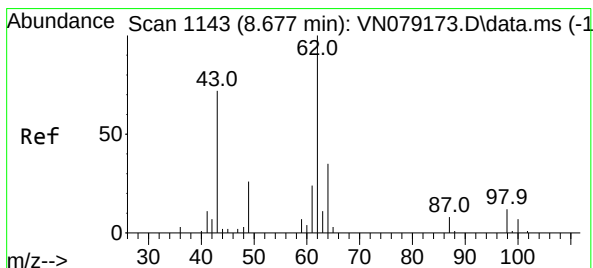
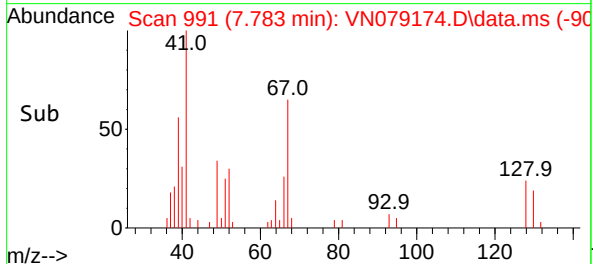
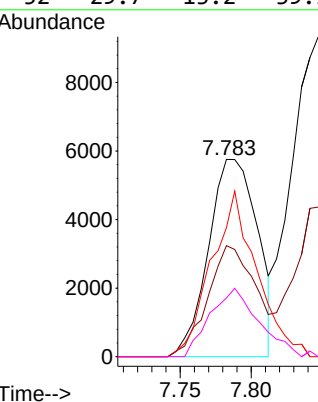
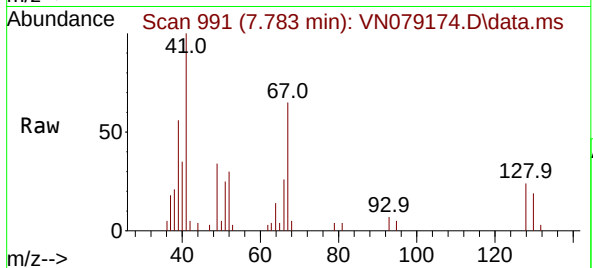
52 29.7 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#36

1,2-Dichloroethane

Concen: 10.296 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VN079174.D

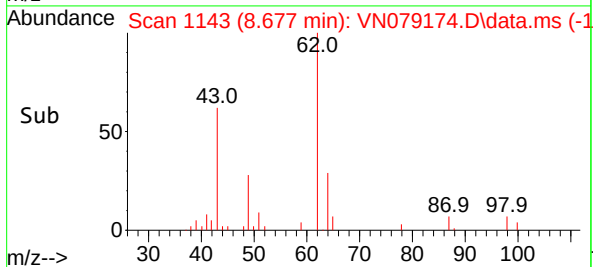
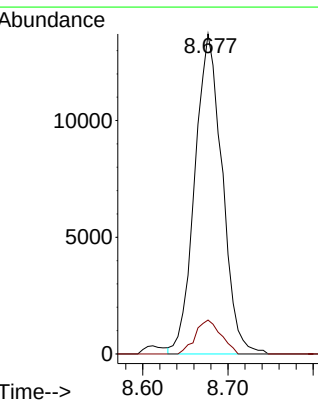
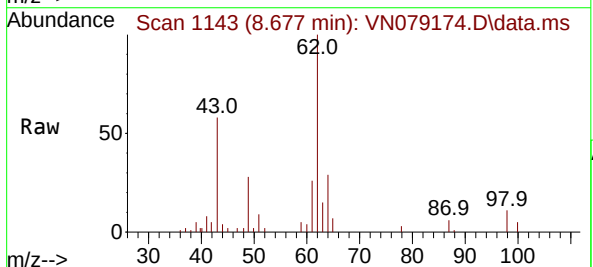
Acq: 07 Sep 2023 11:08

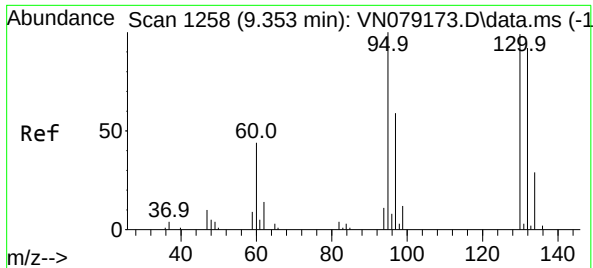
Tgt Ion: 62 Resp: 30601

Ion Ratio Lower Upper

62 100

98 9.9 8.2 12.2





#37

Trichloroethene

Concen: 10.320 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN079174.D

Acq: 07 Sep 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:130 Resp: 2198

Ion Ratio Lower Upper

130 100

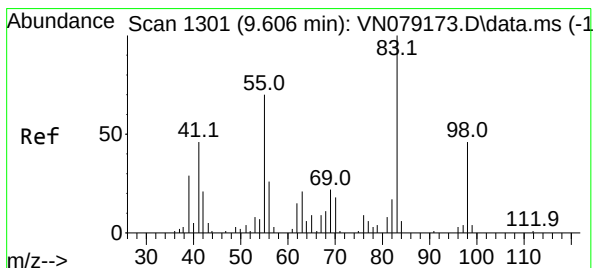
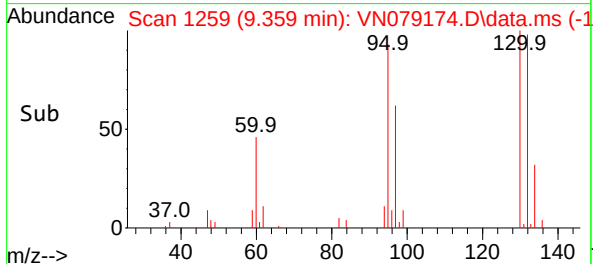
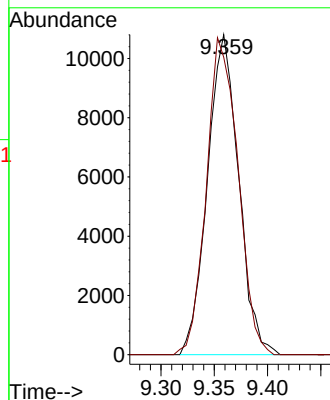
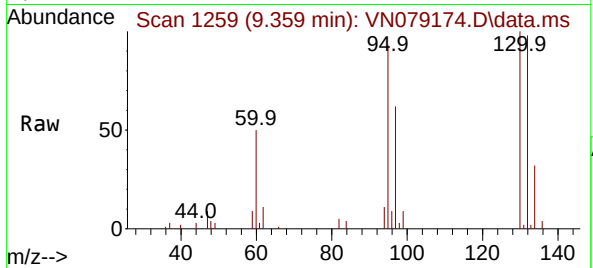
95 93.0 81.0 121.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#38

Methylcyclohexane

Concen: 10.054 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN079174.D

Acq: 07 Sep 2023 11:08

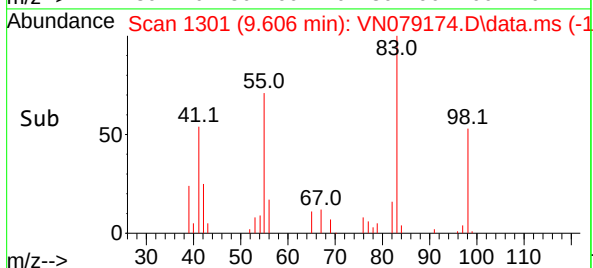
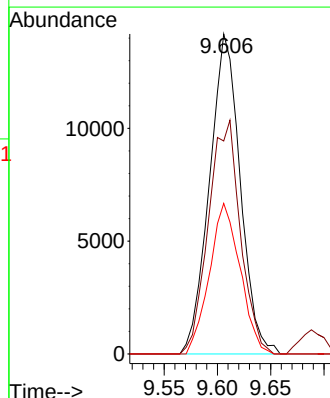
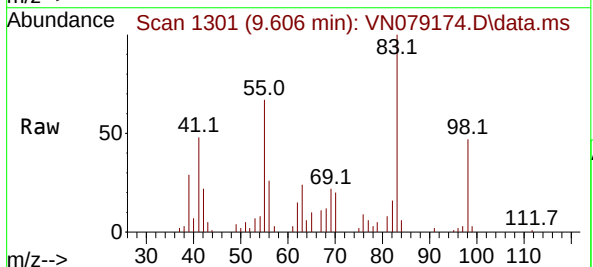
Tgt Ion: 83 Resp: 28511

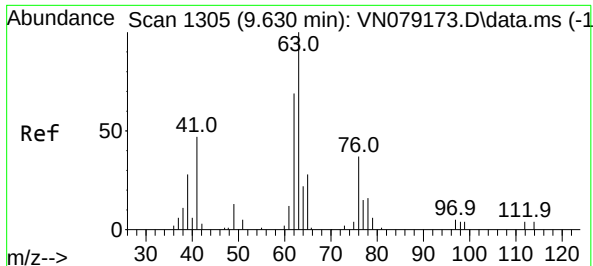
Ion Ratio Lower Upper

83 100

55 75.6 39.1 117.2

98 47.0 24.1 72.4





#39

1,2-Dichloropropane

Concen: 10.548 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN079174.D

Acq: 07 Sep 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 2452

Ion Ratio Lower Upper

63 100

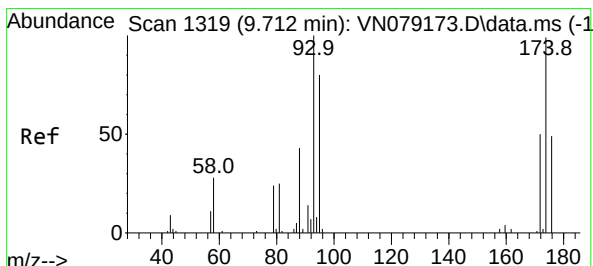
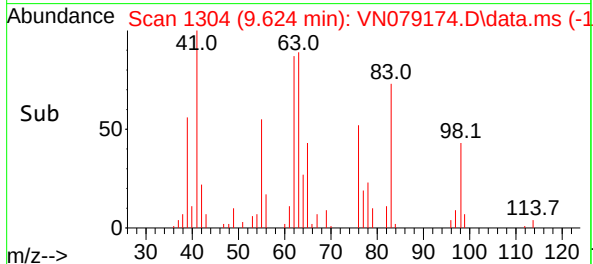
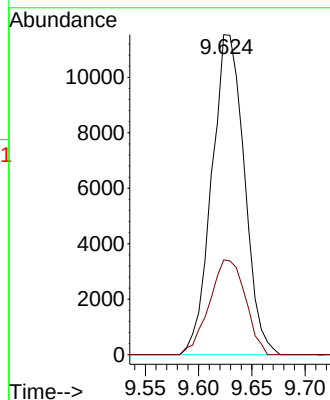
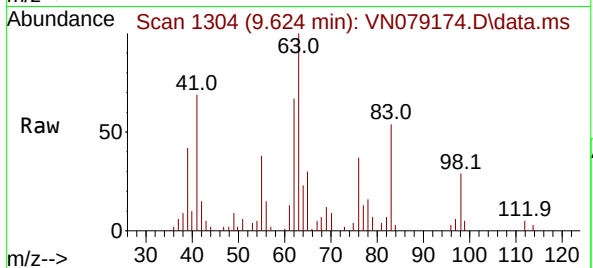
65 29.6 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#40

Dibromomethane

Concen: 10.178 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079174.D

Acq: 07 Sep 2023 11:08

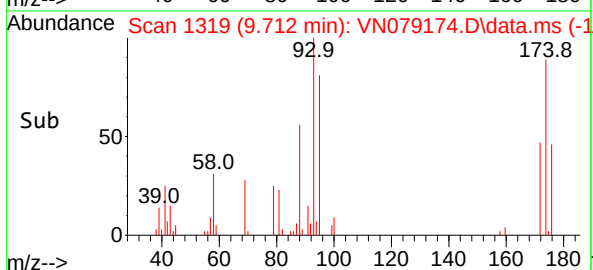
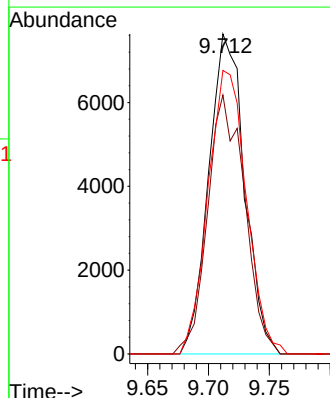
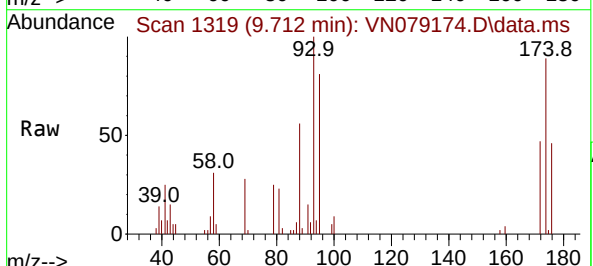
Tgt Ion: 93 Resp: 15603

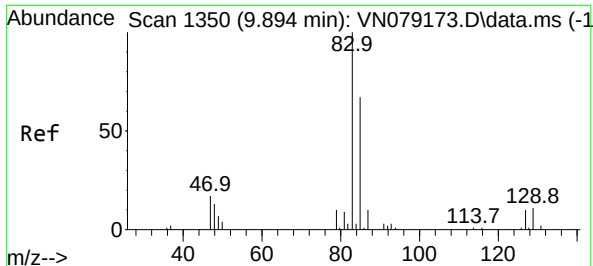
Ion Ratio Lower Upper

93 100

95 83.3 0.0 172.4

174 94.9 0.0 192.4





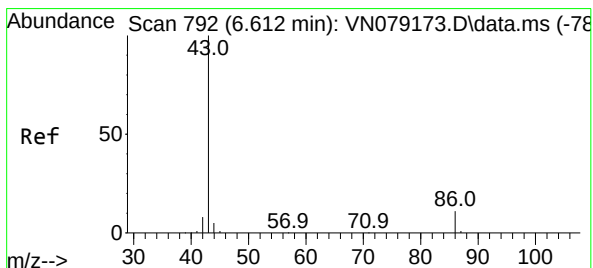
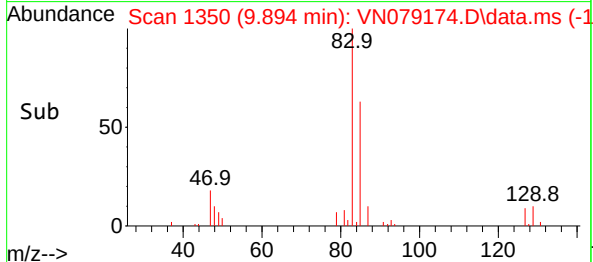
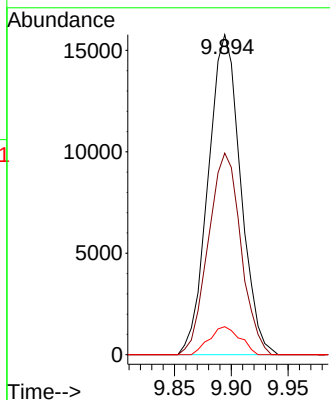
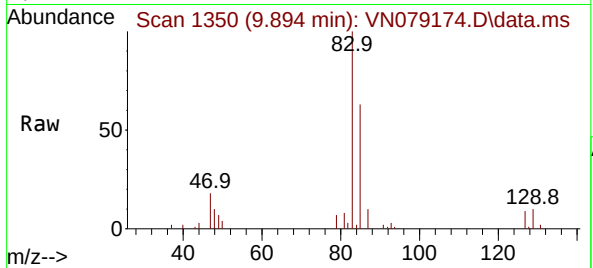
#41
Bromodichloromethane
Concen: 10.233 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 3127
Ion Ratio Lower Upper
83 100
85 63.0 53.4 80.2
127 8.8 8.3 12.5

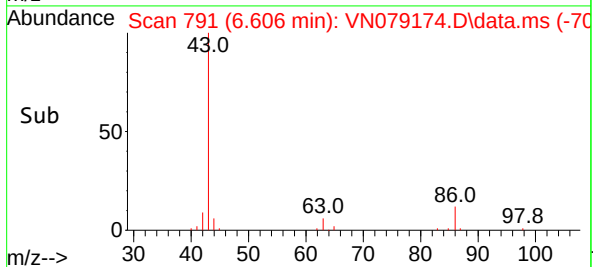
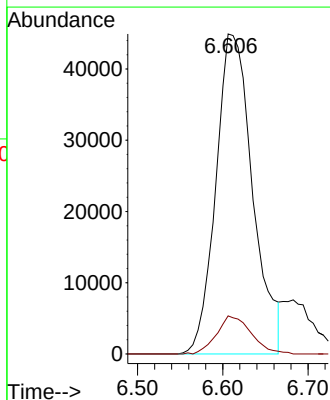
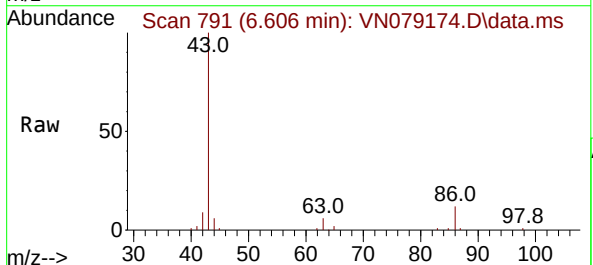
Manual Integrations
APPROVED

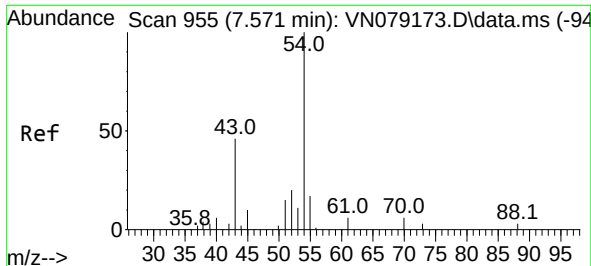
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#42
Vinyl Acetate
Concen: 39.829 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Tgt Ion: 43 Resp: 134952
Ion Ratio Lower Upper
43 100
86 11.1 9.2 13.8





#43

Ethyl Acetate

Concen: 8.302 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079174.D

Acq: 07 Sep 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 22494

Ion Ratio Lower Upper

43 100

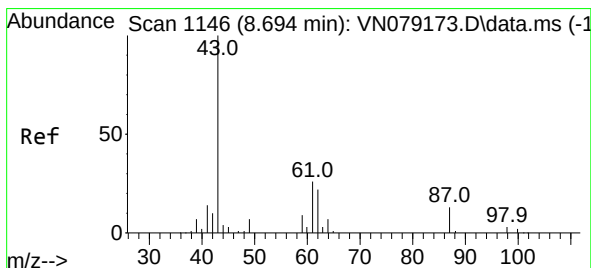
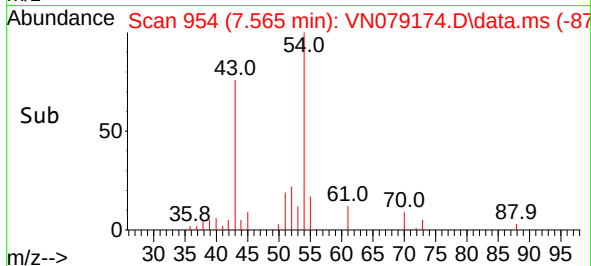
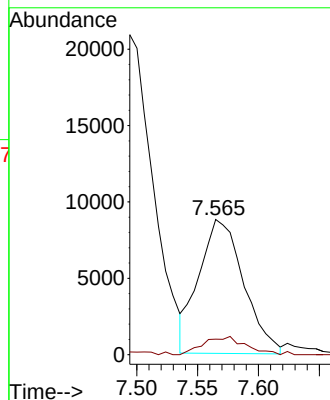
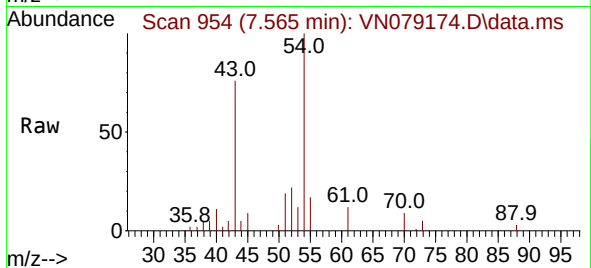
45 6.7 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#44

Isopropyl Acetate

Concen: 10.168 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN079174.D

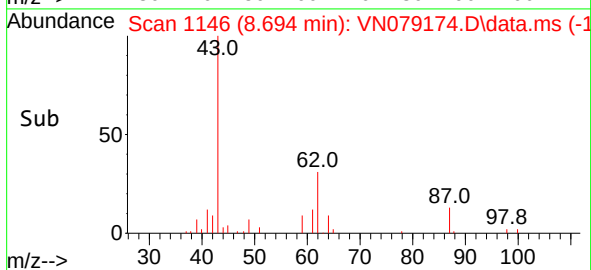
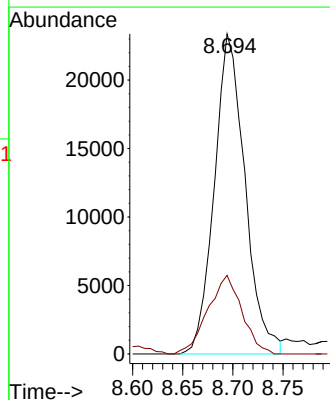
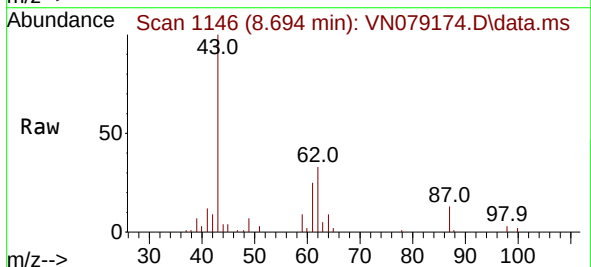
Acq: 07 Sep 2023 11:08

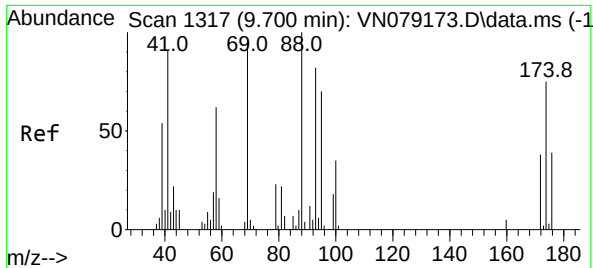
Tgt Ion: 43 Resp: 49563

Ion Ratio Lower Upper

43 100

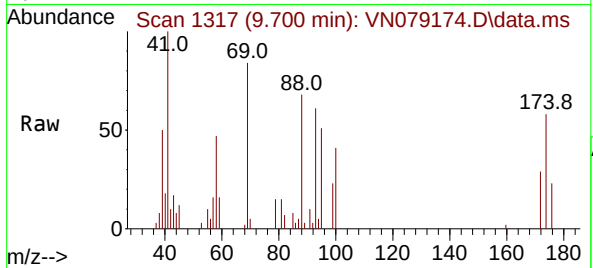
61 27.3 22.6 33.8





#45
1,4-Dioxane
Concen: 207.756 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

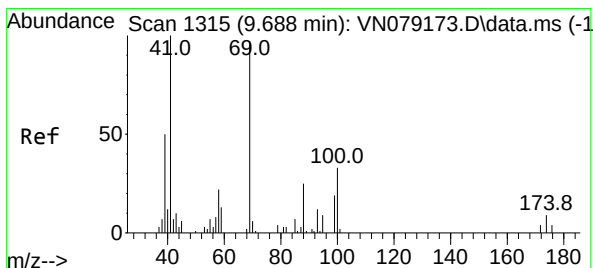
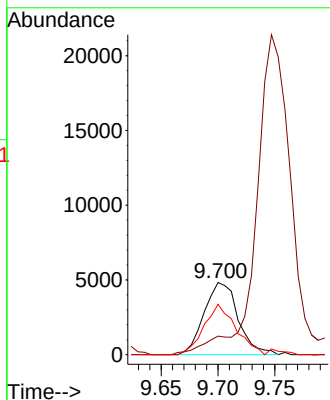
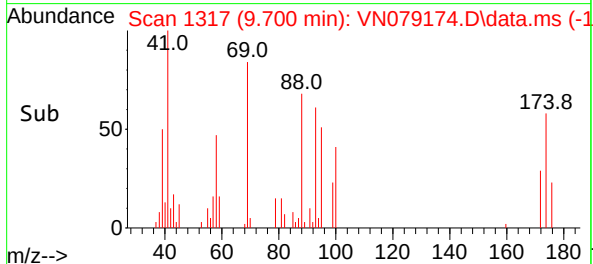
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



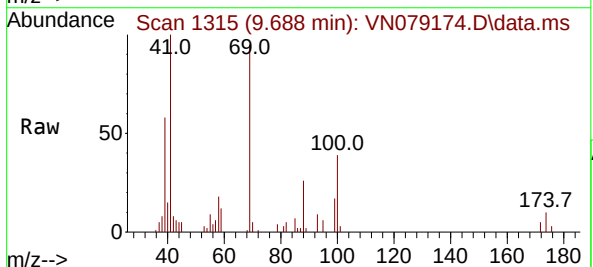
Tgt Ion: 88 Resp: 10080
Ion Ratio Lower Upper
88 100
43 22.8 19.9 29.9
58 65.3 58.0 87.0

Manual Integrations
APPROVED

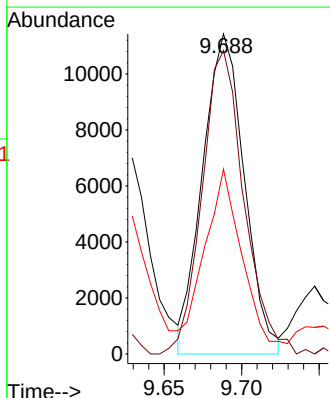
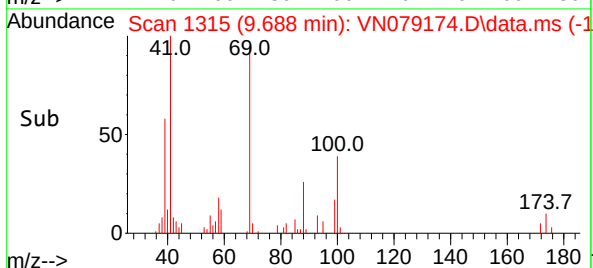
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

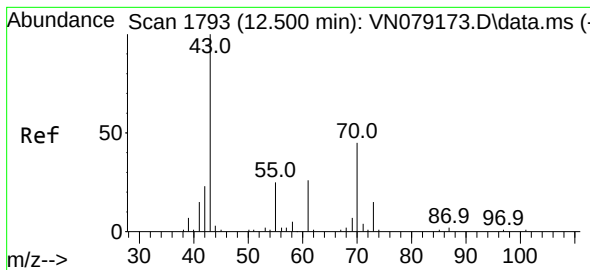


#46
Methyl methacrylate
Concen: 9.825 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08



Tgt Ion: 41 Resp: 21395
Ion Ratio Lower Upper
41 100
69 95.0 48.1 144.3
39 56.5 25.8 77.3





#47

n-amyl Acetate

Concen: 9.957 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079174.D

Acq: 07 Sep 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 3413

Ion Ratio Lower Upper

43 100

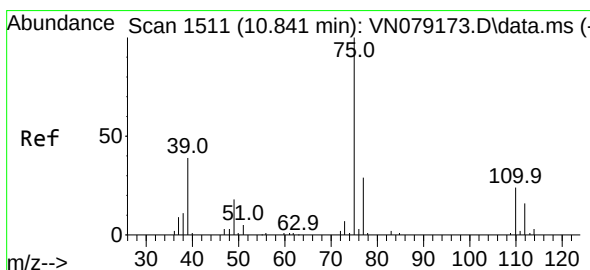
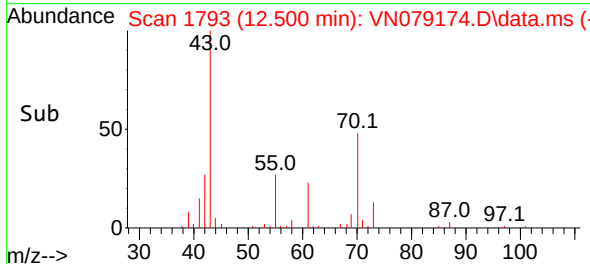
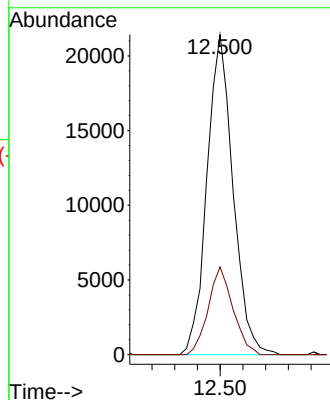
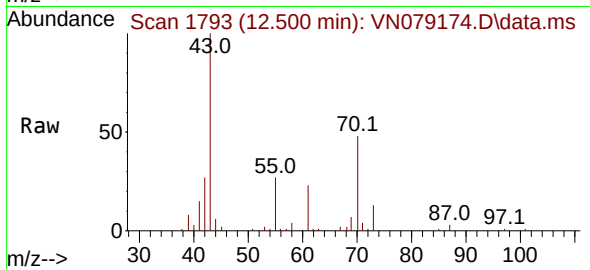
55 26.0 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#48

t-1,3-Dichloropropene

Concen: 9.992 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VN079174.D

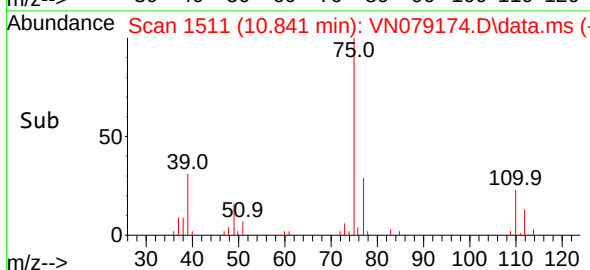
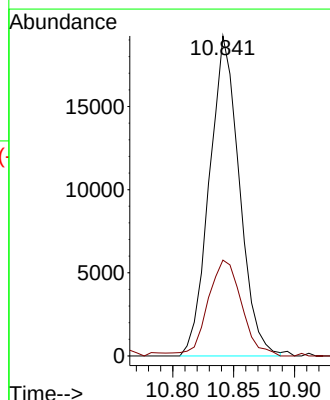
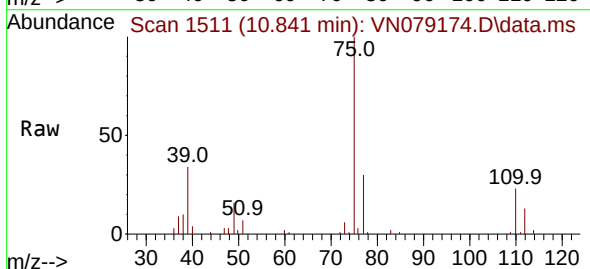
Acq: 07 Sep 2023 11:08

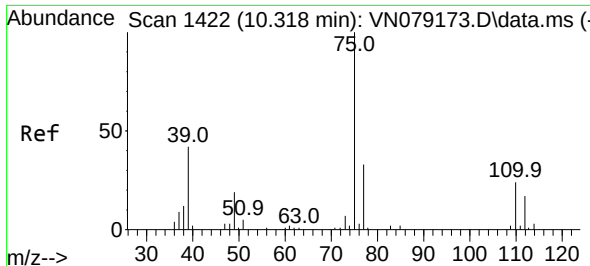
Tgt Ion: 75 Resp: 33037

Ion Ratio Lower Upper

75 100

77 30.0 22.9 34.3





#49

cis-1,3-Dichloropropene

Concen: 9.670 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. -0.000 min

Lab File: VN079174.D

Acq: 07 Sep 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

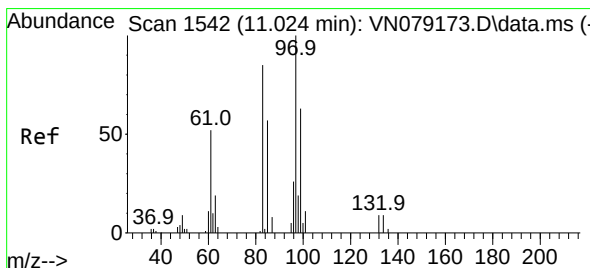
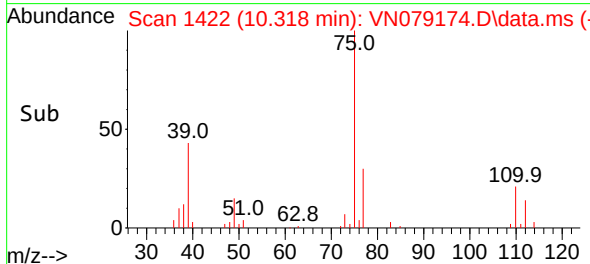
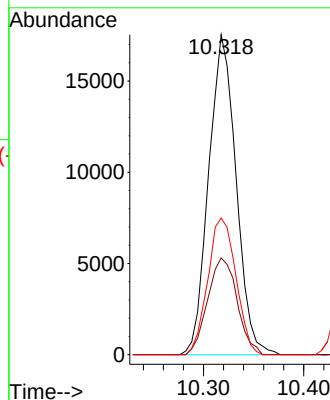
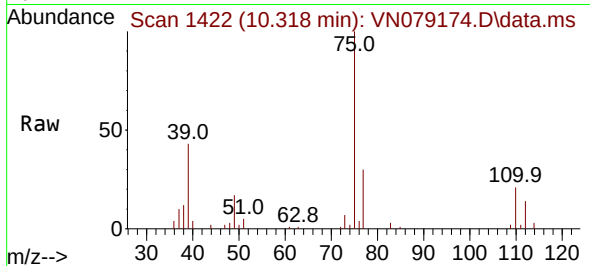
Tgt Ion: 75	Resp: 33350
Ion Ratio	Lower Upper
75 100	
77 30.3	26.2 39.2
39 42.7	33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#50

1,1,2-Trichloroethane

Concen: 10.368 ug/l

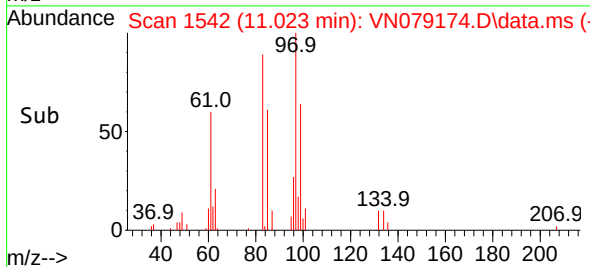
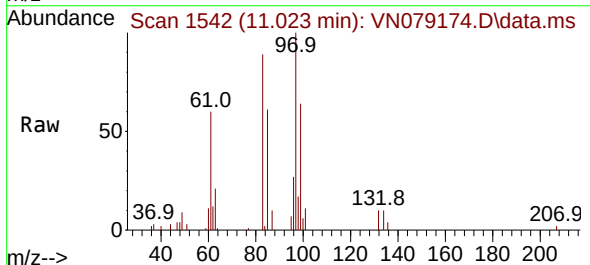
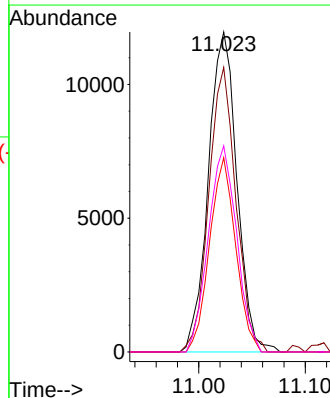
RT: 11.023 min Scan# 1542

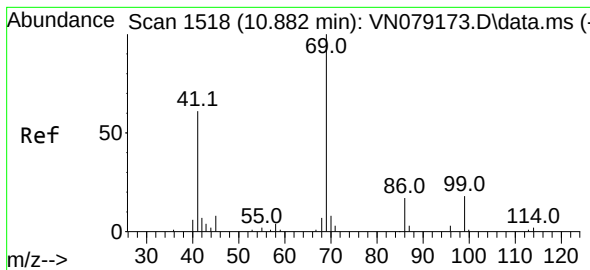
Delta R.T. -0.000 min

Lab File: VN079174.D

Acq: 07 Sep 2023 11:08

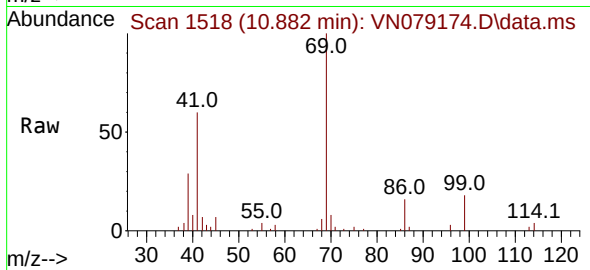
Tgt Ion: 97	Resp: 22305
Ion Ratio	Lower Upper
97 100	
83 88.9	68.9 103.3
85 60.7	45.3 67.9
99 64.4	50.4 75.6





#51
Ethyl methacrylate
Concen: 9.775 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

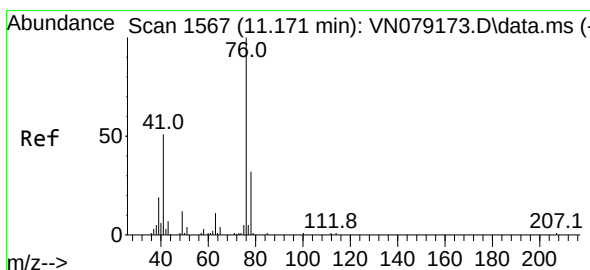
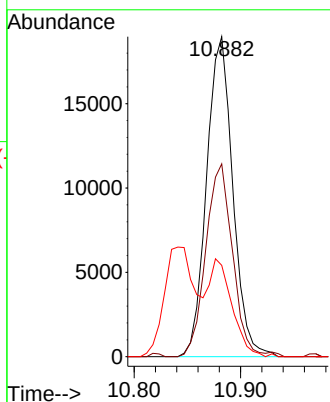
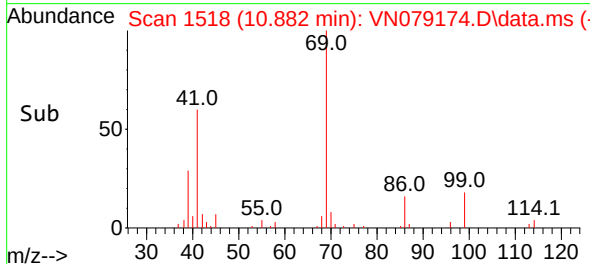
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



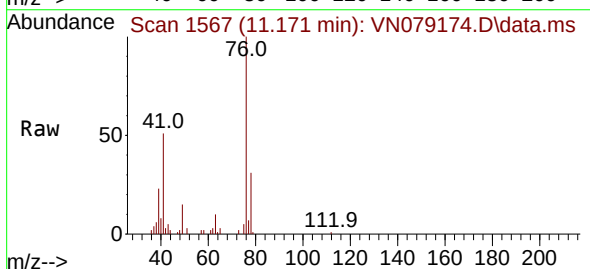
Tgt Ion: 69 Resp: 32460
Ion Ratio Lower Upper
69 100
41 60.3 30.3 90.9
39 28.5 13.4 40.1

Manual Integrations
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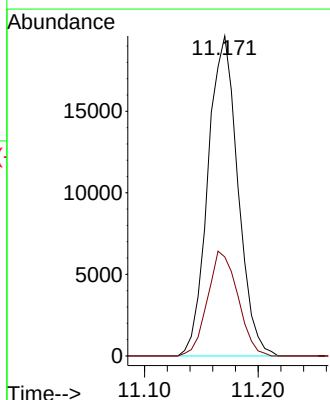
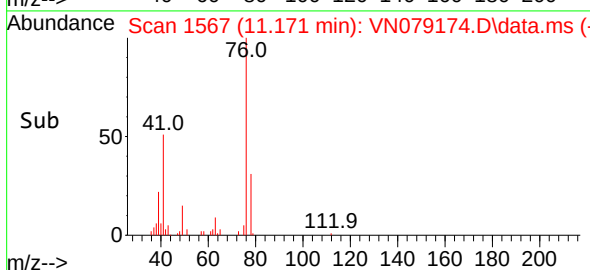
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

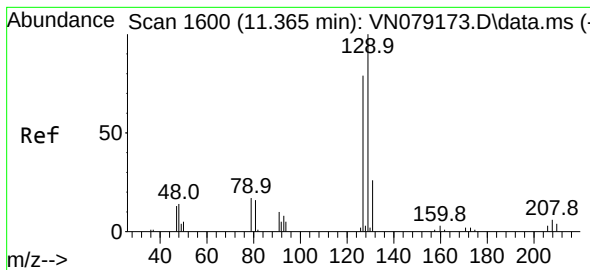


#52
1,3-Dichloropropane
Concen: 9.803 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08



Tgt Ion: 76 Resp: 35995
Ion Ratio Lower Upper
76 100
78 33.0 0.0 64.2





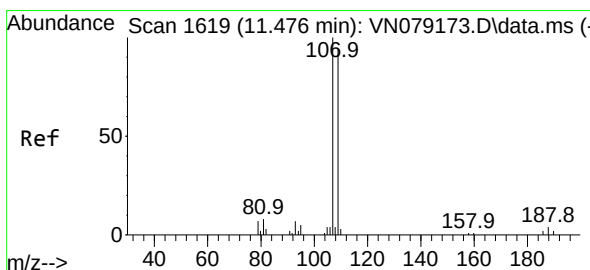
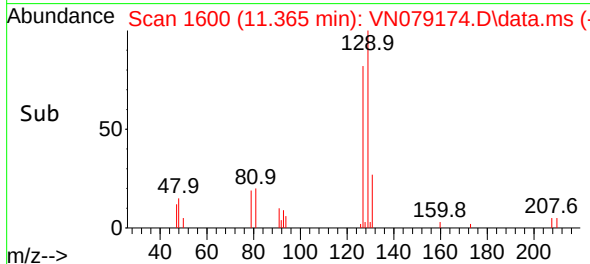
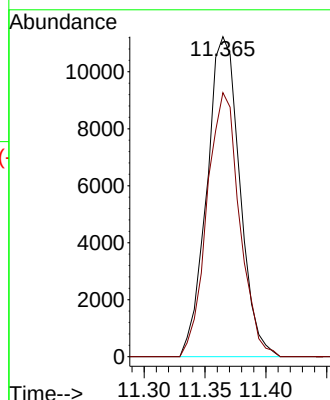
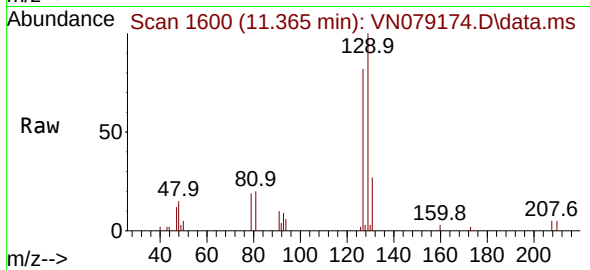
#53
Dibromochloromethane
Concen: 9.334 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:129 Resp: 2105
Ion Ratio Lower Upper
129 100
127 81.9 38.7 116.1

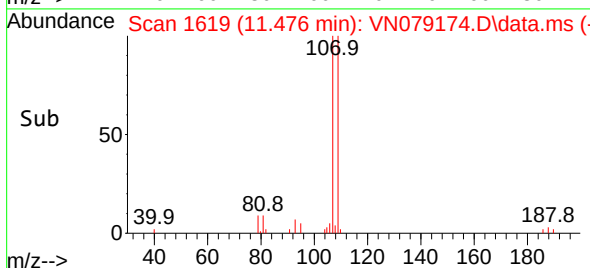
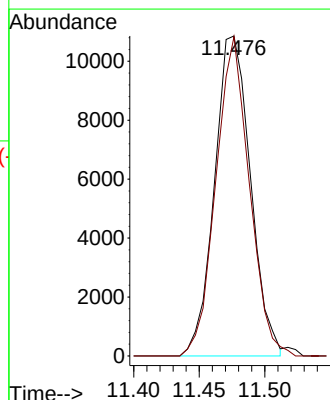
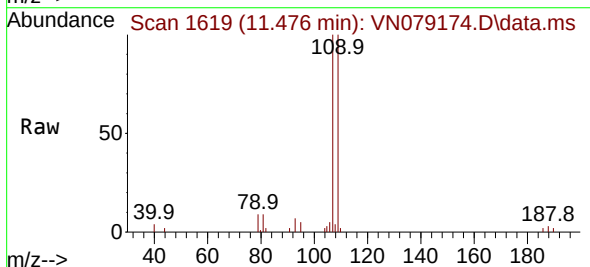
Manual Integrations
APPROVED

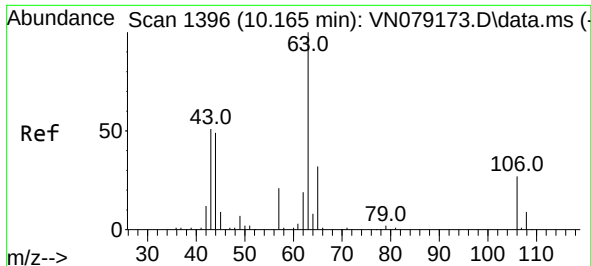
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#54
1,2-Dibromoethane
Concen: 9.487 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Tgt Ion:107 Resp: 20699
Ion Ratio Lower Upper
107 100
109 92.9 76.4 114.6





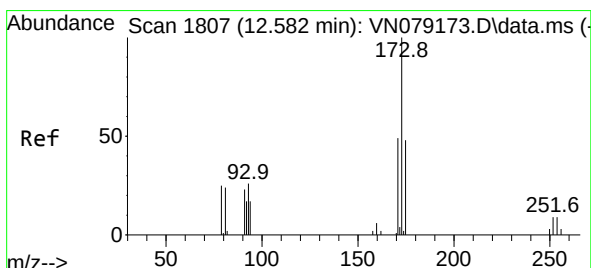
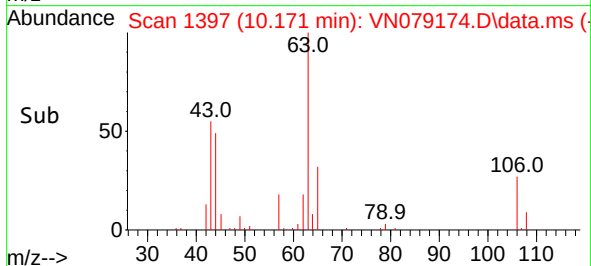
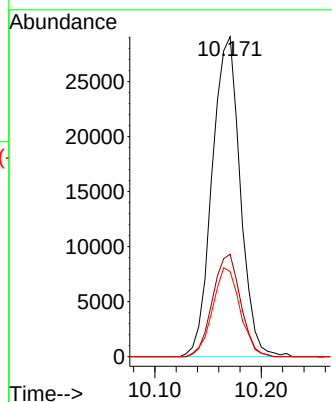
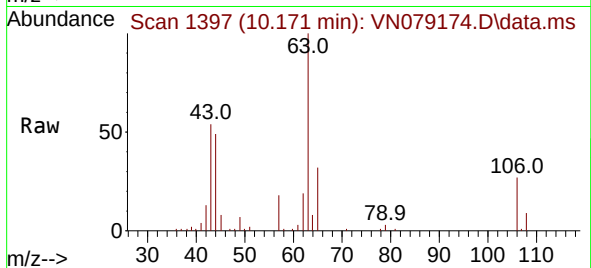
#55
2-Chloroethyl vinyl ether
Concen: 45.073 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 63 Resp: 5319
Ion Ratio Lower Upper
63 100
65 31.8 25.7 38.5
106 27.3 21.9 32.9

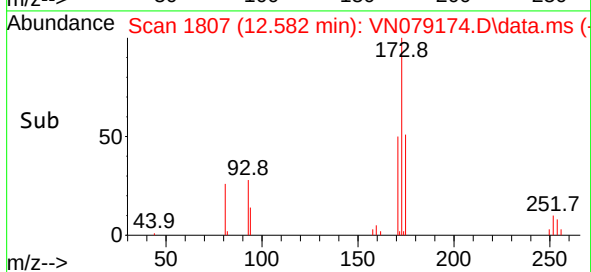
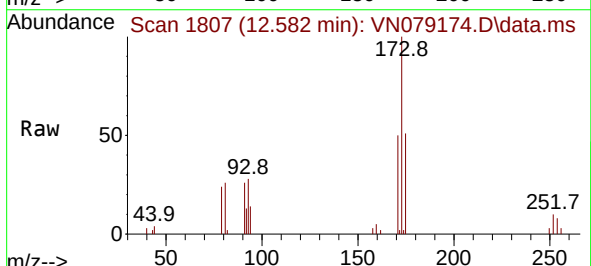
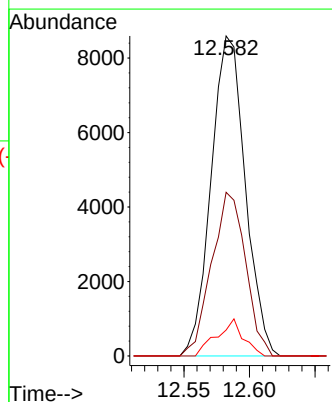
Manual Integrations
APPROVED

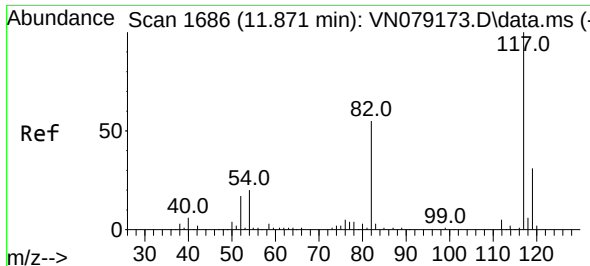
Reviewed By :John Carbone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#56
Bromoform
Concen: 9.905 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Tgt Ion:173 Resp: 15555
Ion Ratio Lower Upper
173 100
175 50.9 37.6 56.4
254 9.0 7.8 11.8





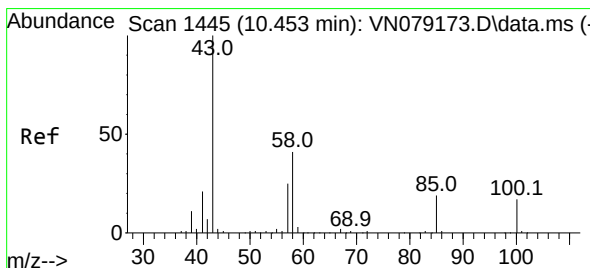
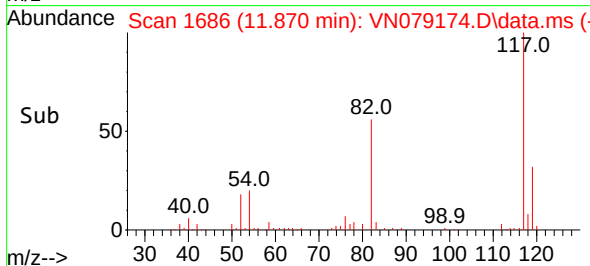
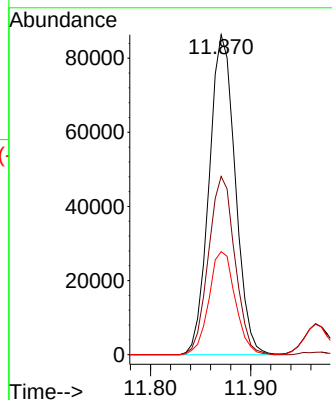
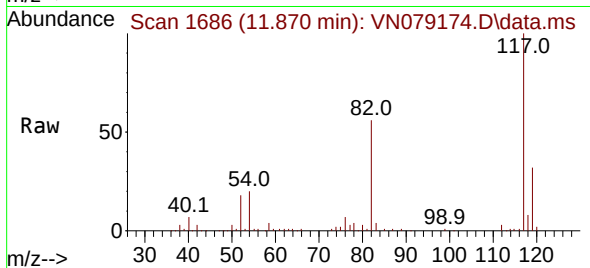
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 156129
Ion Ratio Lower Upper
117 100
82 56.2 44.7 67.1
119 32.4 24.9 37.3

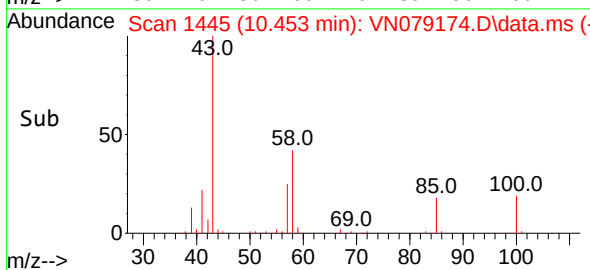
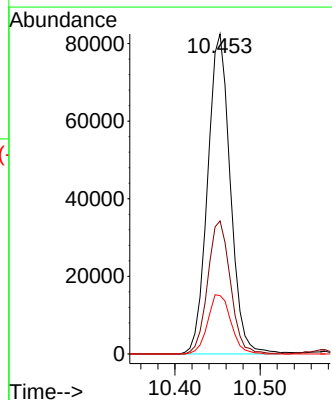
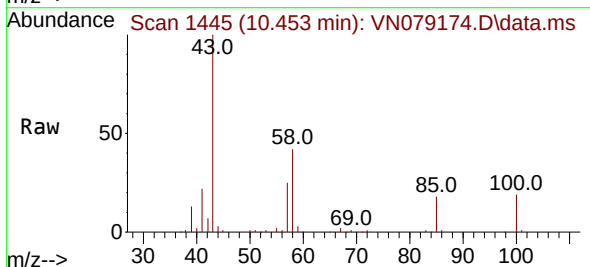
Manual Integrations
APPROVED

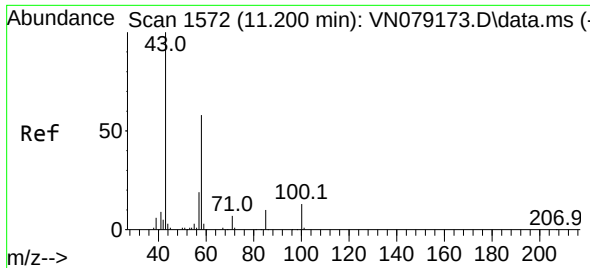
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#58
4-Methyl-2-Pentanone
Concen: 53.237 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

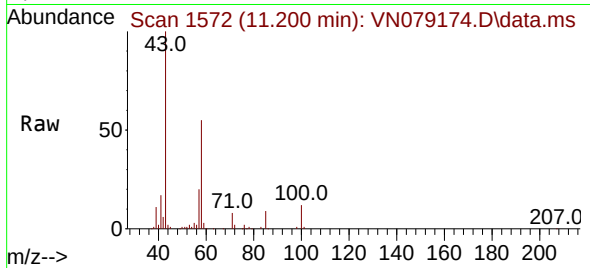
Tgt Ion: 43 Resp: 152528
Ion Ratio Lower Upper
43 100
58 41.6 33.6 50.4
85 18.9 15.0 22.4





#59
2-Hexanone
Concen: 50.658 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

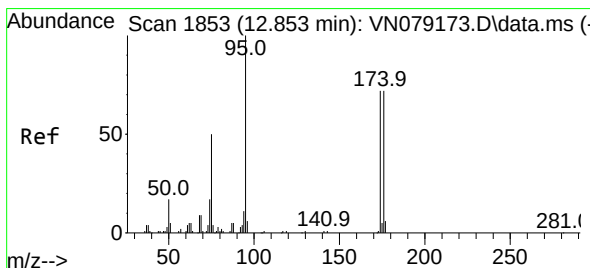
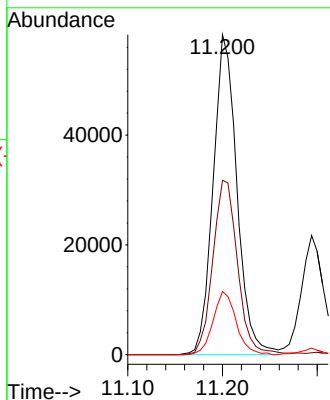
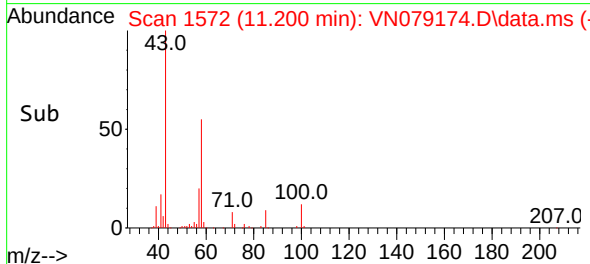
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 101929
Ion Ratio Lower Upper
43 100
58 56.4 46.4 69.6
57 19.1 15.3 22.9

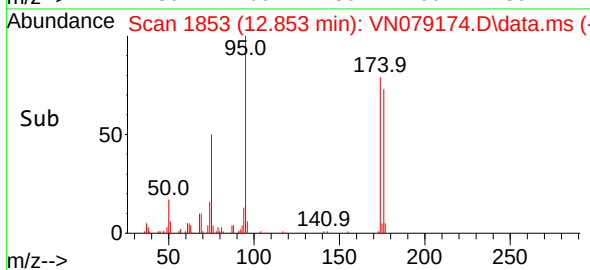
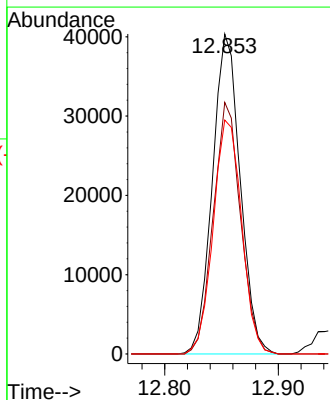
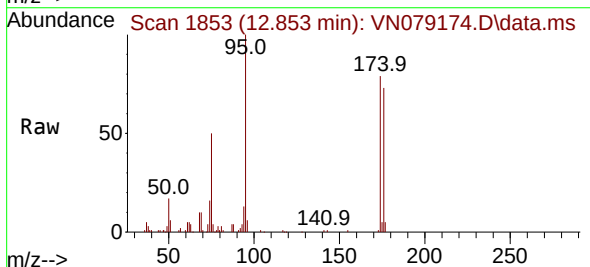
Manual Integrations
APPROVED

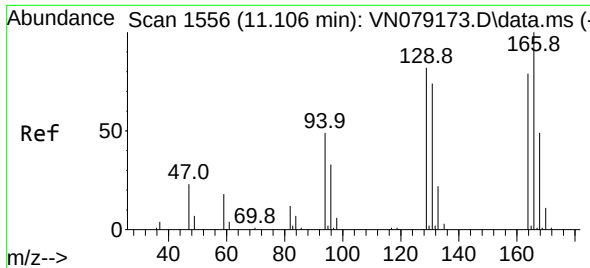
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#60
4-Bromofluorobenzene
Concen: 29.799 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

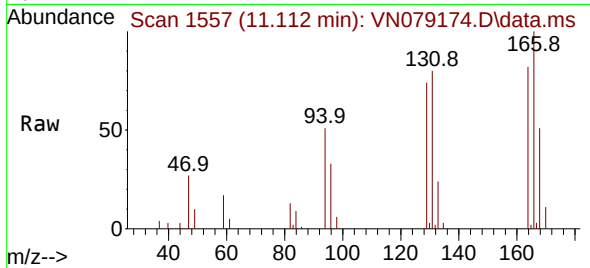
Tgt Ion: 95 Resp: 68553
Ion Ratio Lower Upper
95 100
174 77.4 59.5 89.3
176 74.9 59.1 88.7





#61
Tetrachloroethene
Concen: 10.079 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

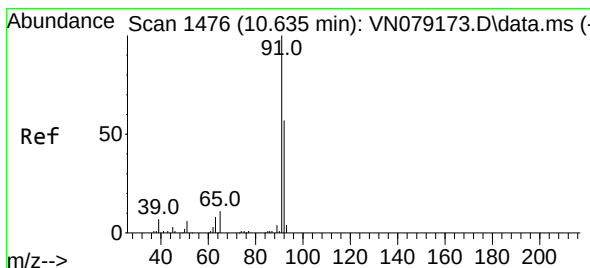
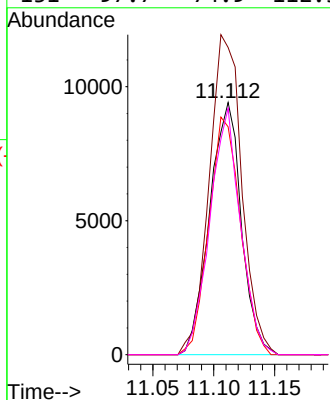
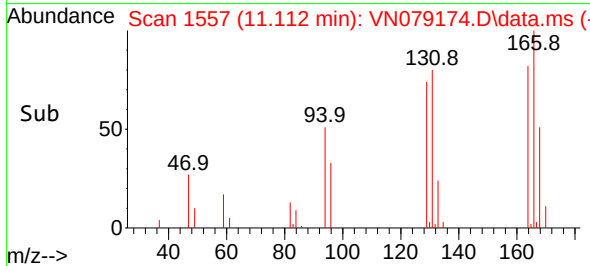
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:164 Resp: 1712
Ion Ratio Lower Upper
164 100
166 121.9 101.9 152.9
129 90.4 83.4 125.0
131 97.7 74.9 112.3

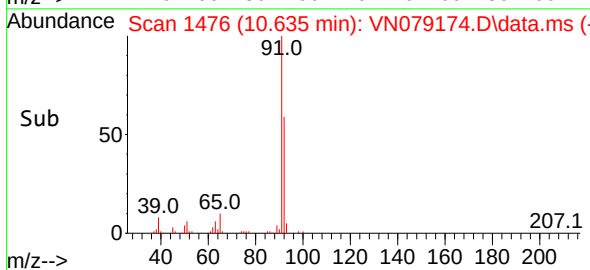
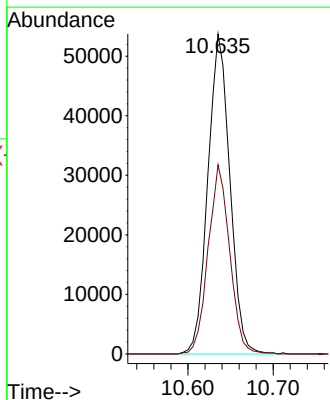
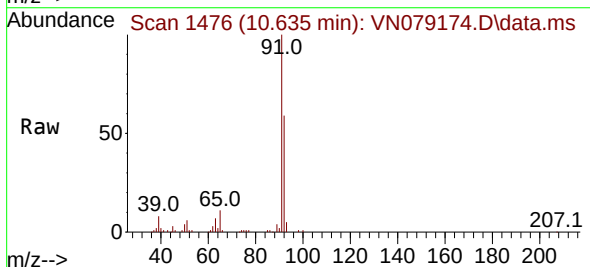
Manual Integrations
APPROVED

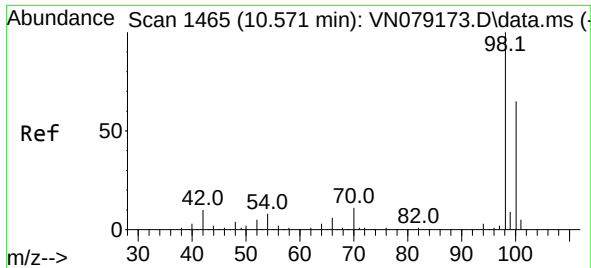
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#62
Toluene
Concen: 10.601 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Tgt Ion: 91 Resp: 96367
Ion Ratio Lower Upper
91 100
92 57.8 45.7 68.5





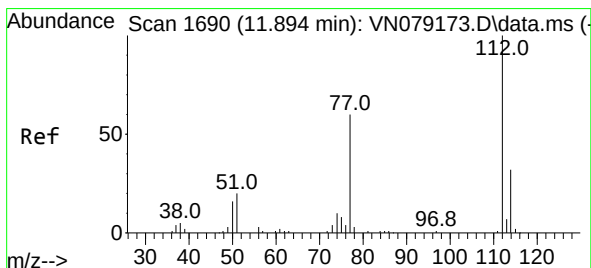
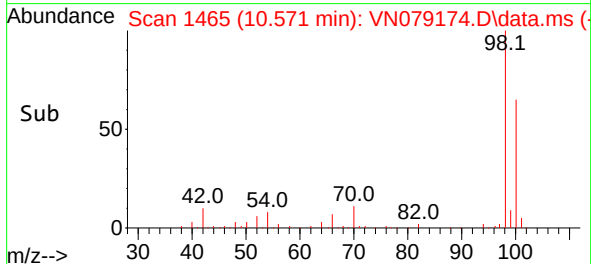
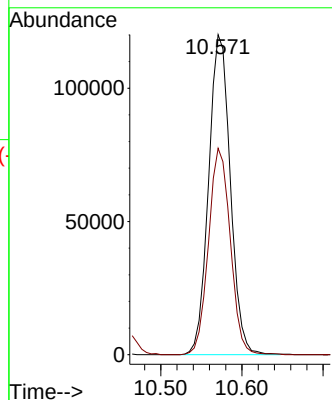
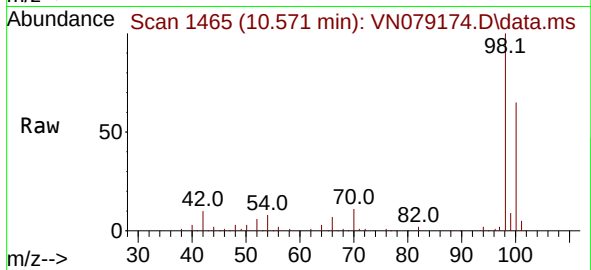
#63
Toluene-d8
Concen: 30.538 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 98 Resp: 222818
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

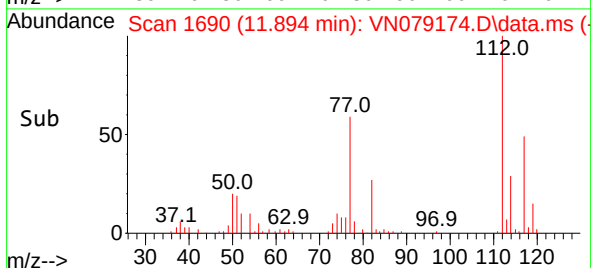
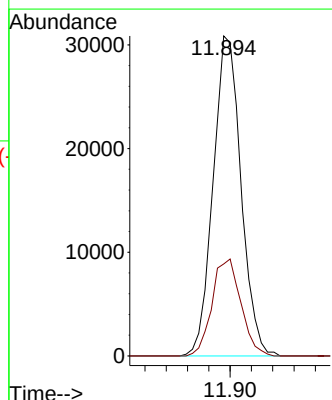
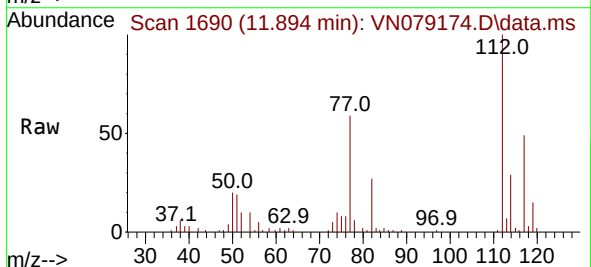
Manual Integrations
APPROVED

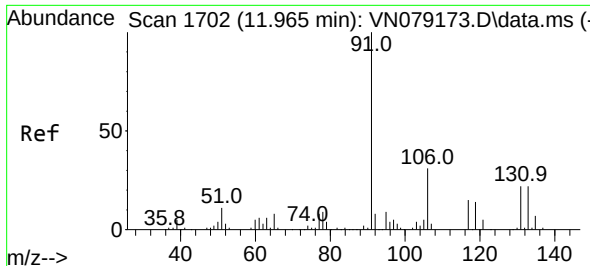
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#64
Chlorobenzene
Concen: 10.559 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Tgt Ion:112 Resp: 55995
Ion Ratio Lower Upper
112 100
114 28.8 25.6 38.4





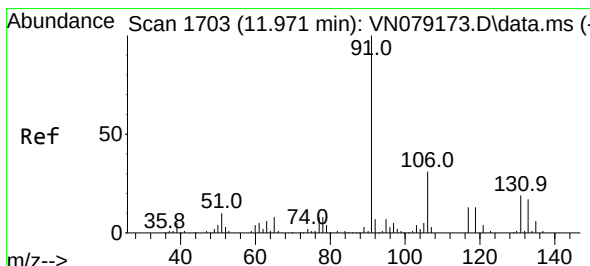
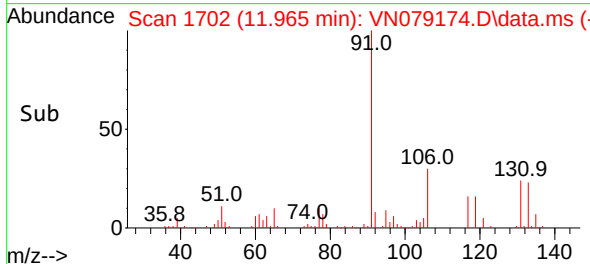
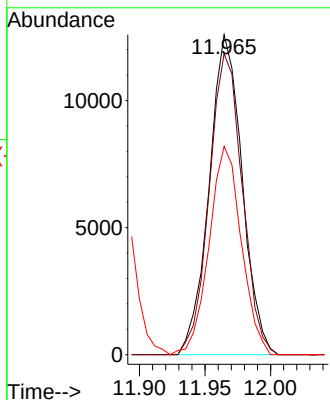
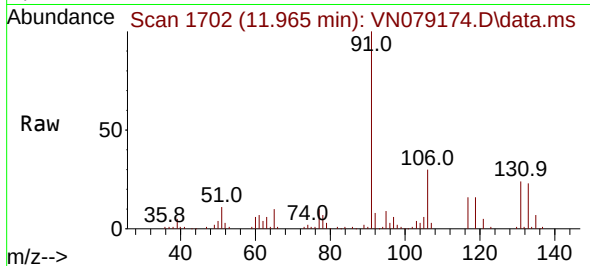
#65
1,1,1,2-Tetrachloroethane
Concen: 10.836 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:131 Resp: 2200
Ion Ratio Lower Upper
131 100
133 94.2 0.0 193.0
119 63.5 0.0 131.2

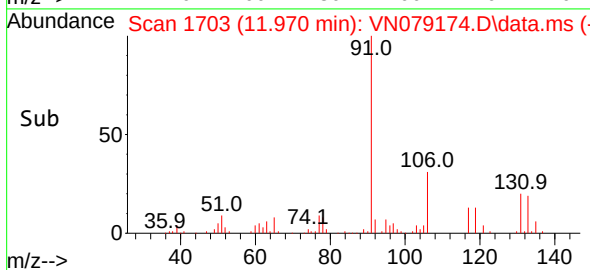
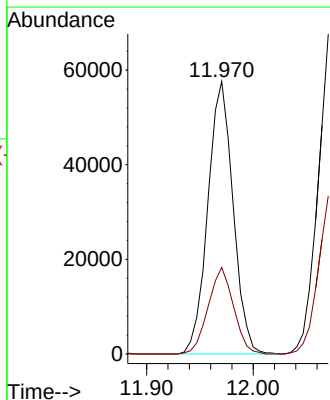
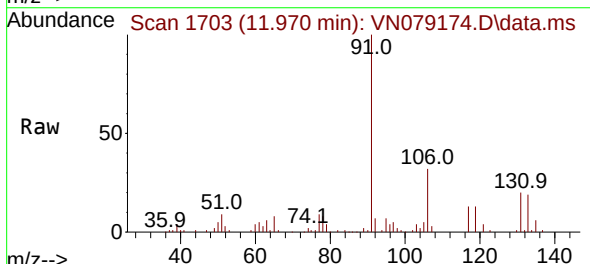
Manual Integrations
APPROVED

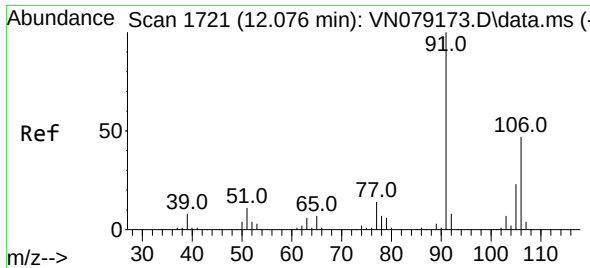
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#66
Ethyl Benzene
Concen: 10.357 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Tgt Ion: 91 Resp: 94794
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.6





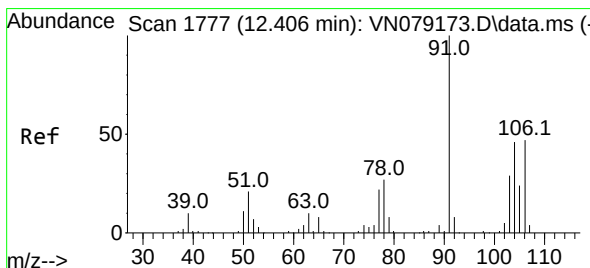
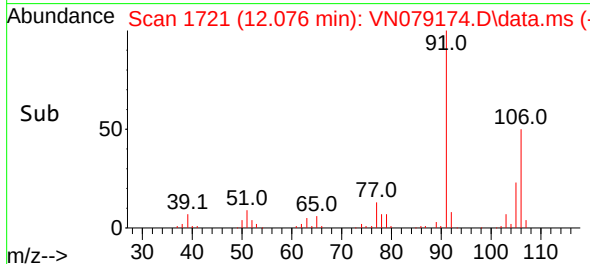
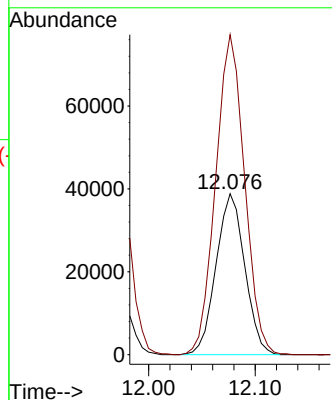
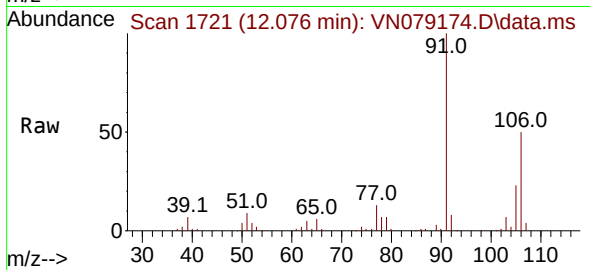
#67
m/p-Xylenes
Concen: 21.089 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 7263
Ion Ratio Lower Upper
106 100
91 200.4 165.2 247.8

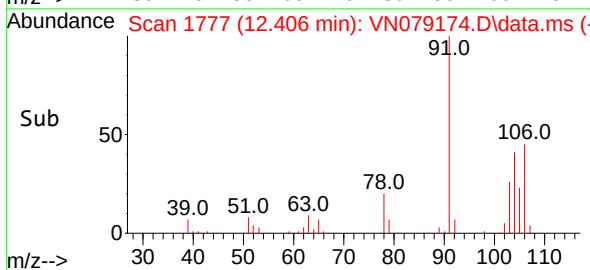
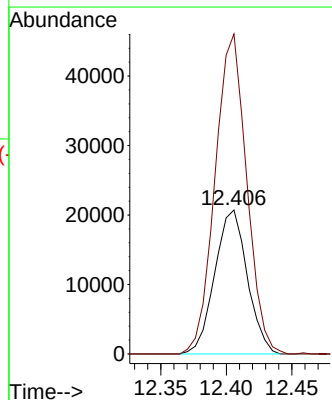
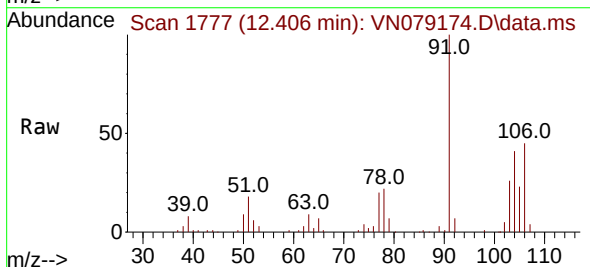
Manual Integrations
APPROVED

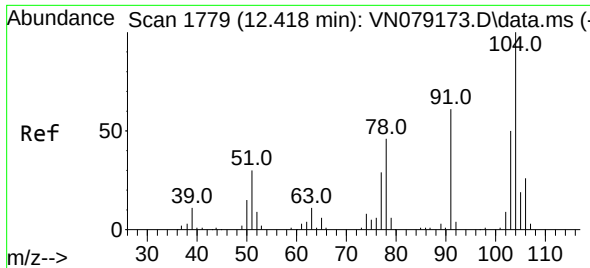
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#68
o-Xylene
Concen: 10.765 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Tgt Ion:106 Resp: 35770
Ion Ratio Lower Upper
106 100
91 215.6 109.7 329.1





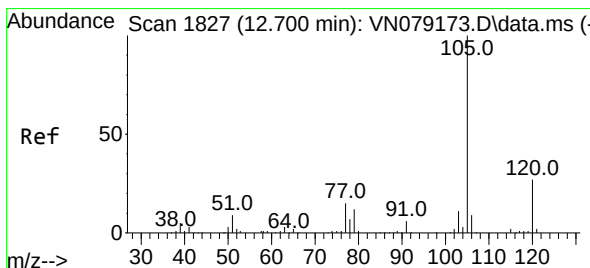
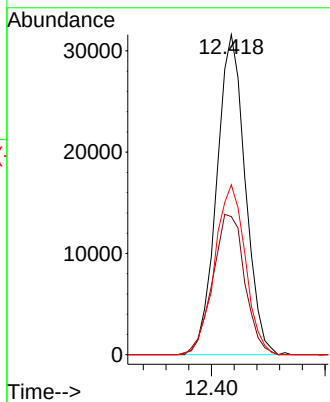
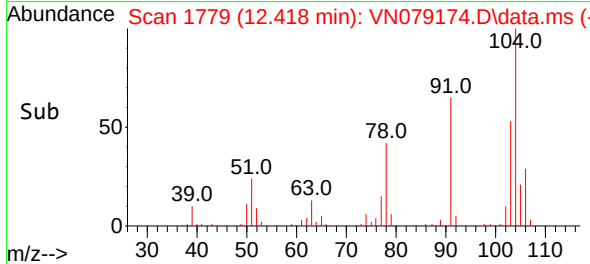
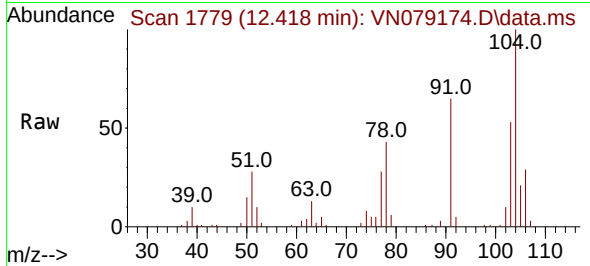
#69
Styrene
Concen: 10.410 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:104 Resp: 55149
Ion Ratio Lower Upper
104 100
78 49.2 40.5 60.7
103 56.9 43.3 64.9

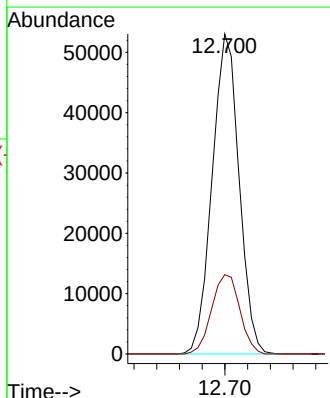
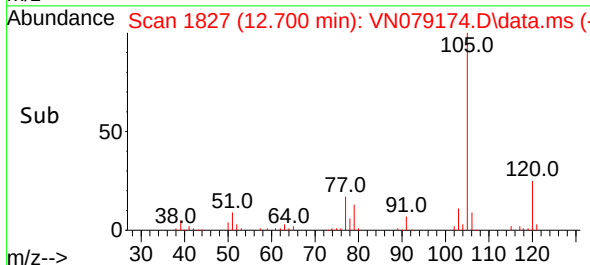
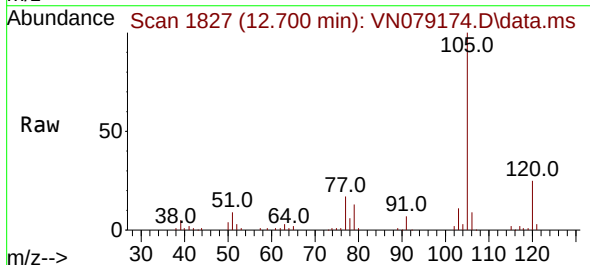
Manual Integrations
APPROVED

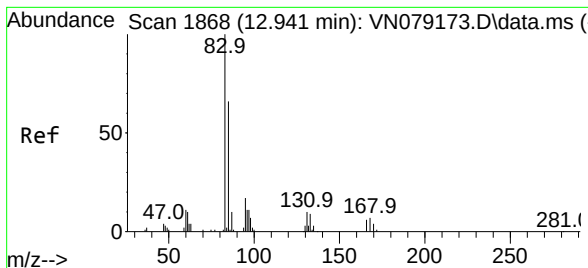
Reviewed By :John Carbone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#70
Isopropylbenzene
Concen: 10.321 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

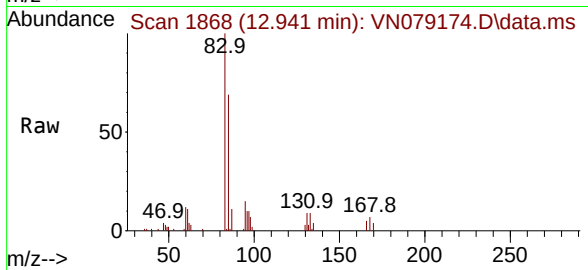
Tgt Ion:105 Resp: 87132
Ion Ratio Lower Upper
105 100
120 25.9 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 10.407 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

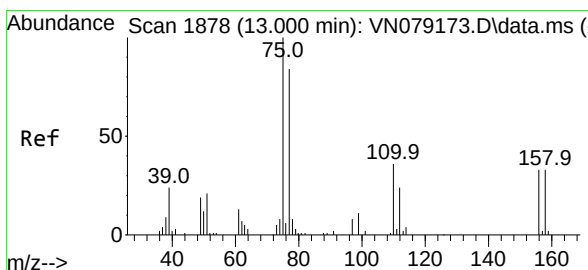
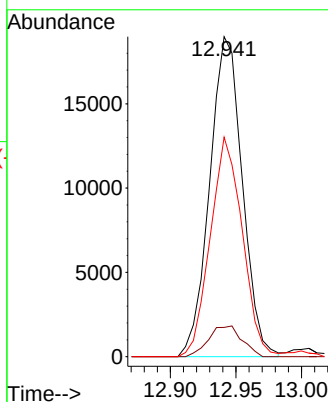
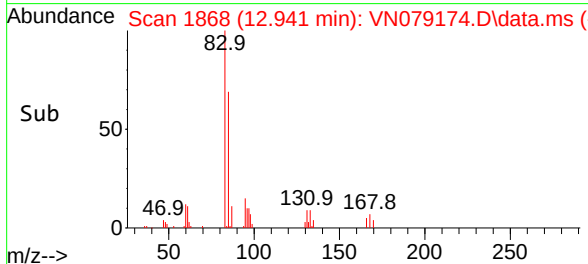
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



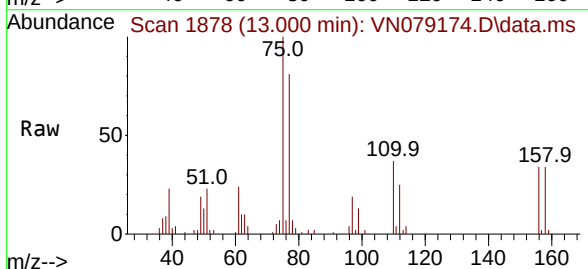
Tgt Ion: 83 Resp: 3286
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.6
85 67.1 33.1 99.3

Manual Integrations
APPROVED

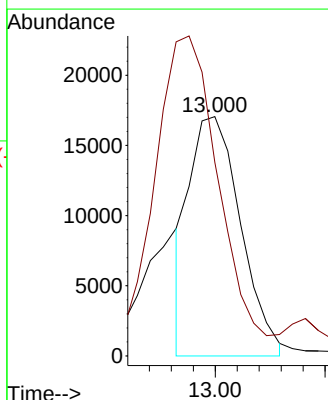
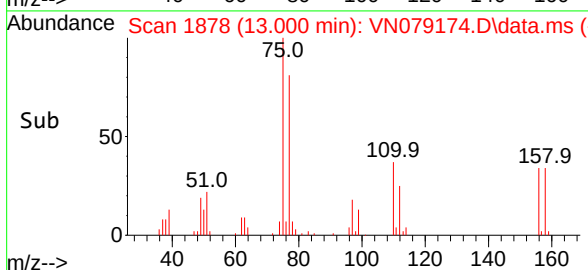
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

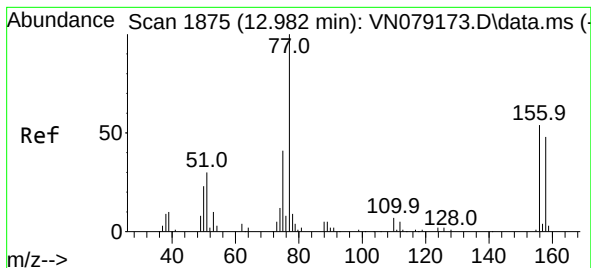


#72
1,2,3-Trichloropropane
Concen: 9.577 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08



Tgt Ion: 75 Resp: 27533
Ion Ratio Lower Upper
75 100
77 169.5 0.0 252.2





#73

Bromobenzene

Concen: 10.264 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN079174.D

Acq: 07 Sep 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

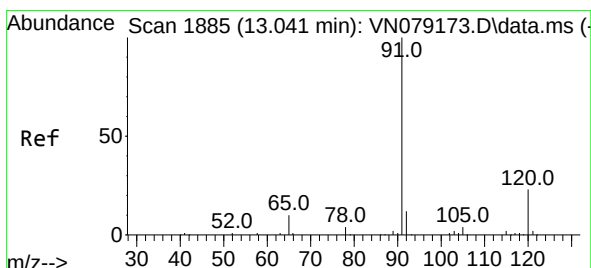
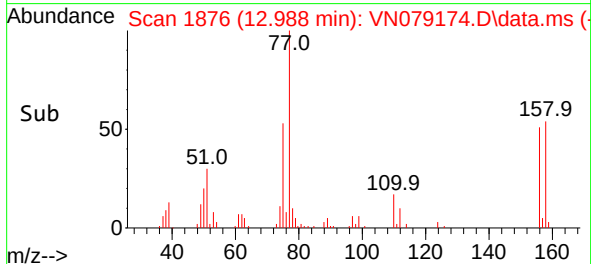
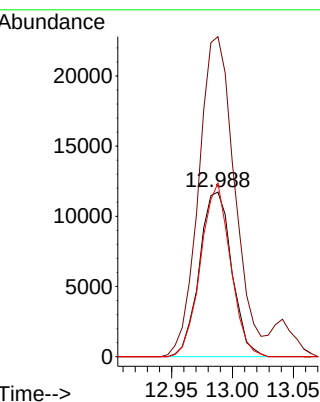
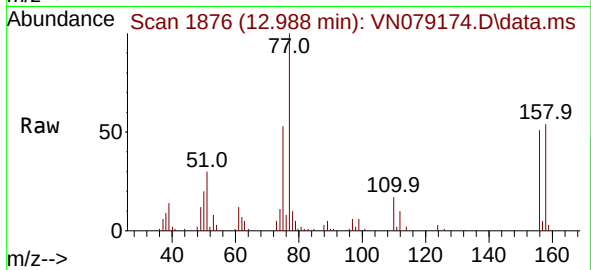
Tgt Ion:	156	Resp:	21640
Ion Ratio	Lower	Upper	
156	100		
77	215.6	0.0	446.6
158	97.1	0.0	188.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#74

n-propylbenzene

Concen: 10.221 ug/l

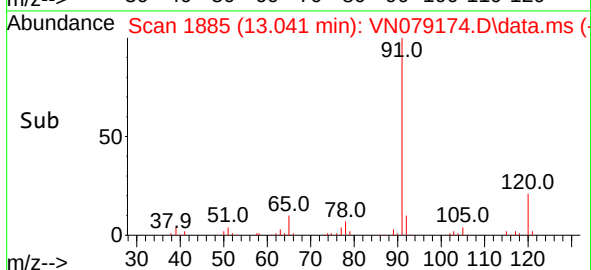
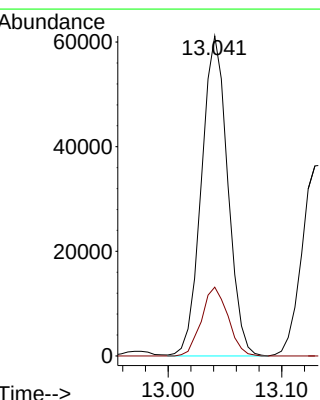
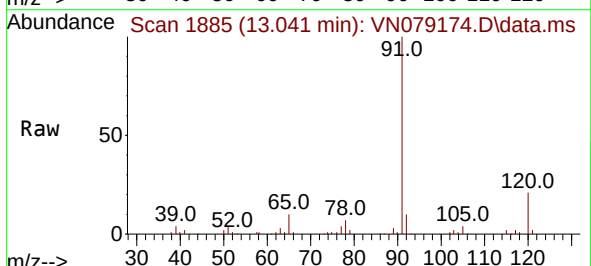
RT: 13.041 min Scan# 1885

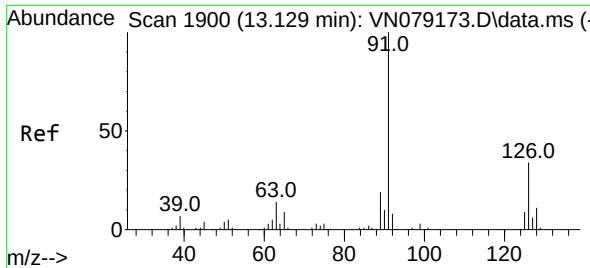
Delta R.T. -0.000 min

Lab File: VN079174.D

Acq: 07 Sep 2023 11:08

Tgt Ion:	91	Resp:	98323
Ion Ratio	Lower	Upper	
91	100		
120	21.6	0.0	44.0





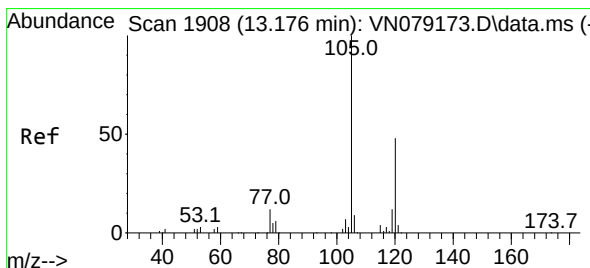
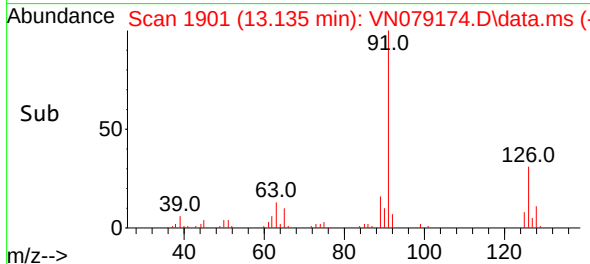
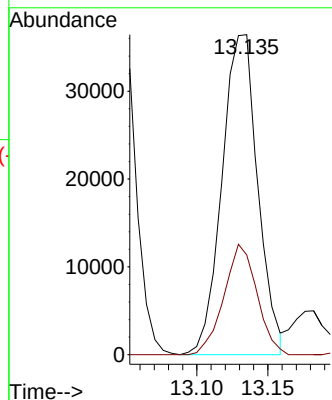
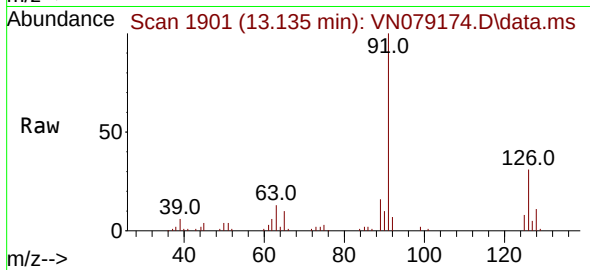
#75
2-Chlorotoluene
Concen: 10.373 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 63984
Ion Ratio Lower Upper
91 100
126 31.8 0.0 65.4

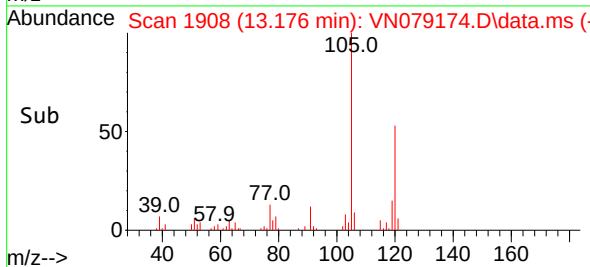
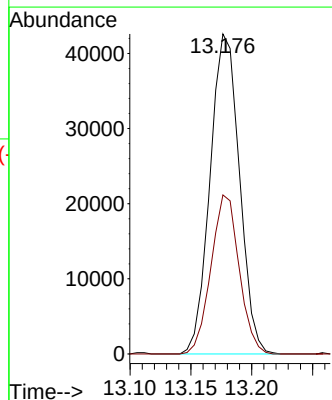
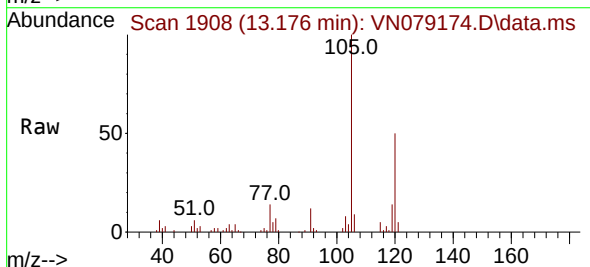
Manual Integrations
APPROVED

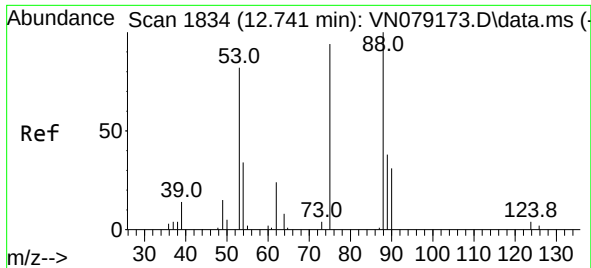
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#76
1,3,5-Trimethylbenzene
Concen: 10.237 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

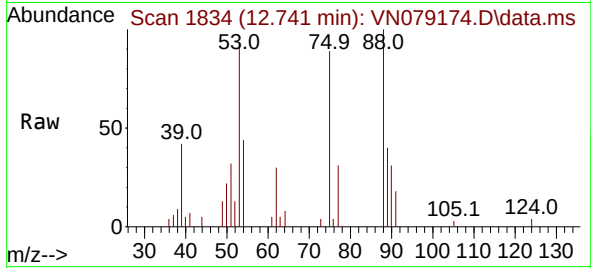
Tgt Ion:105 Resp: 71463
Ion Ratio Lower Upper
105 100
120 47.6 0.0 95.6





#77
t-1,4-Dichloro-2-butene
Concen: 9.986 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

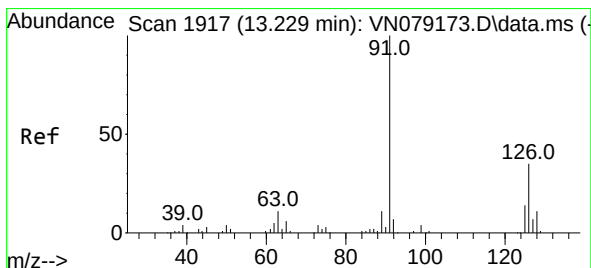
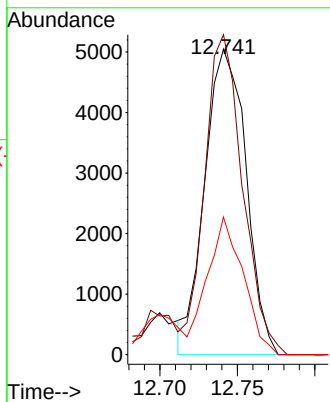
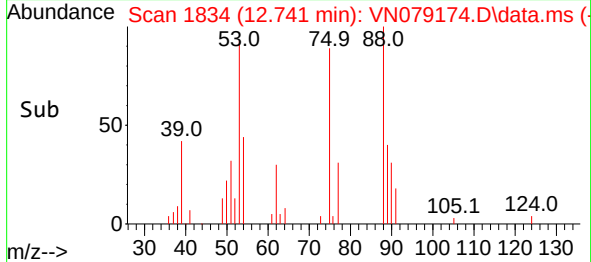
Instrument : MSVOA_N
ClientSampleId : VSTDICC010



Tgt Ion: 75 Resp: 934
Ion Ratio Lower Upper
75 100
53 101.7 44.1 132.4
89 45.0 22.4 67.3

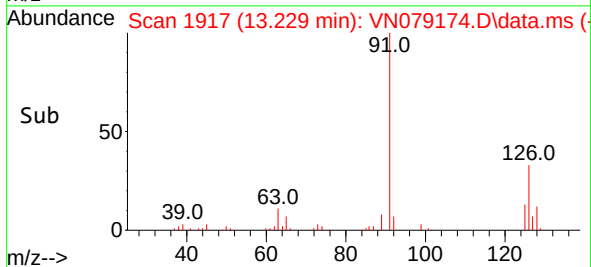
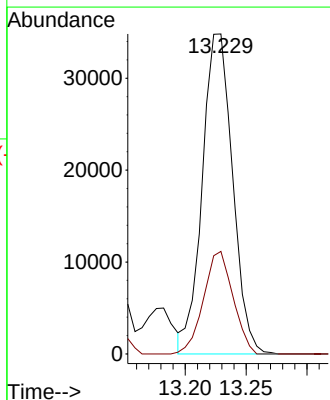
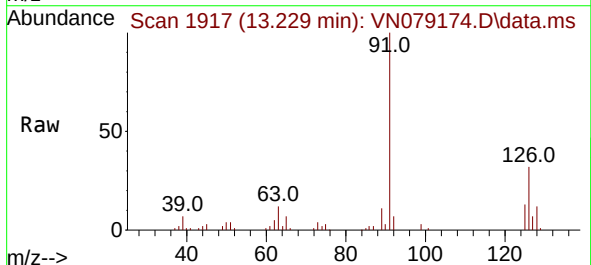
Manual Integrations
APPROVED

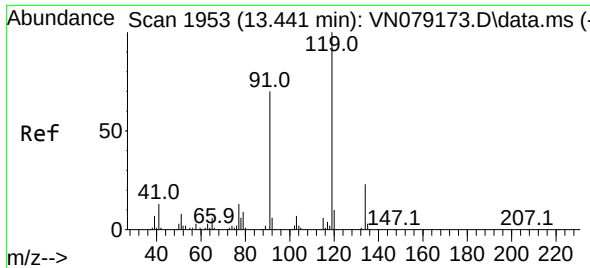
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#78
4-Chlorotoluene
Concen: 10.349 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Tgt Ion: 91 Resp: 60276
Ion Ratio Lower Upper
91 100
126 31.2 0.0 66.6





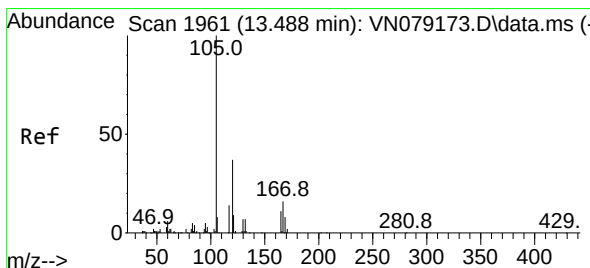
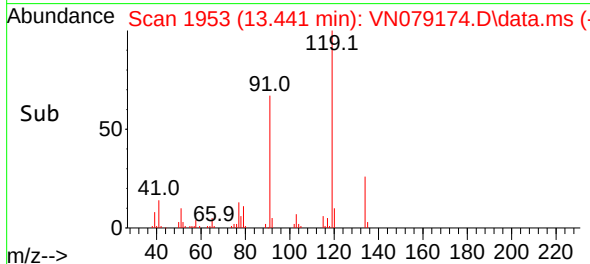
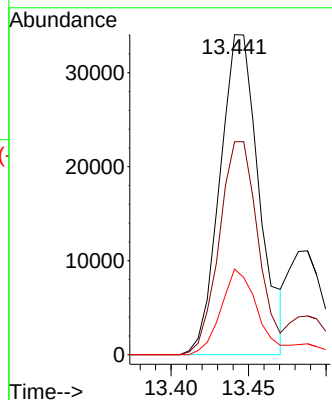
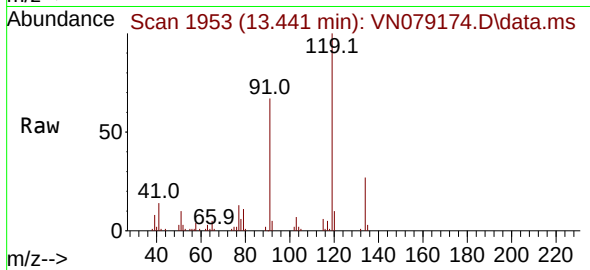
#79
tert-butylbenzene
Concen: 10.440 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 59819
Ion Ratio Lower Upper
119 100
91 66.0 0.0 130.8
134 24.9 0.0 48.8

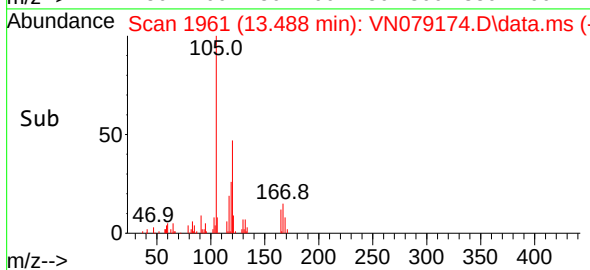
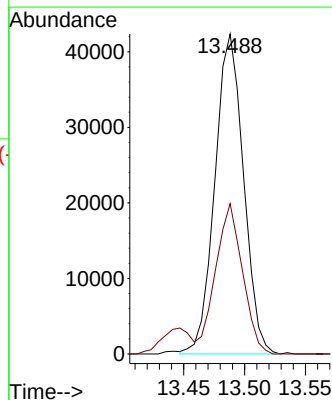
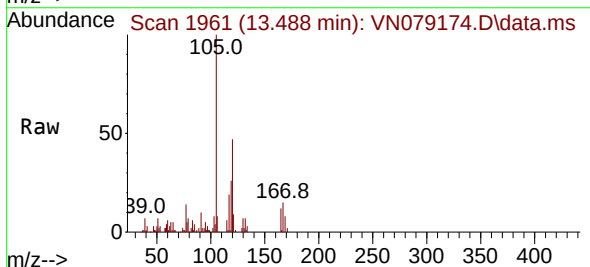
Manual Integrations
APPROVED

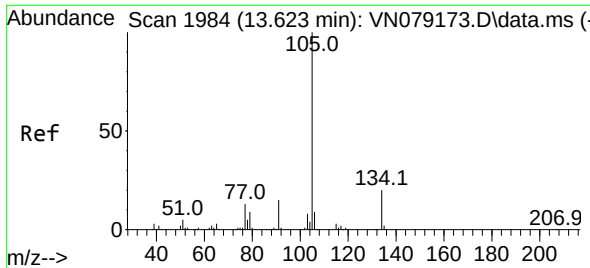
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#80
1,2,4-Trimethylbenzene
Concen: 10.398 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

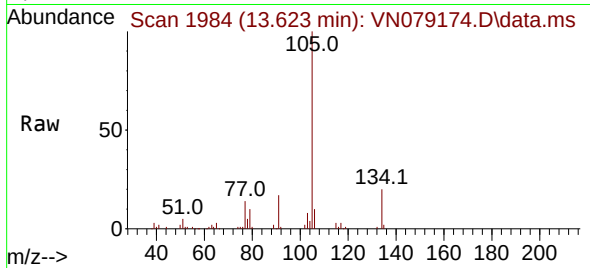
Tgt Ion:105 Resp: 69317
Ion Ratio Lower Upper
105 100
120 44.3 0.0 90.0





#81
 sec-Butylbenzene
 Concen: 10.190 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN079174.D
 Acq: 07 Sep 2023 11:08

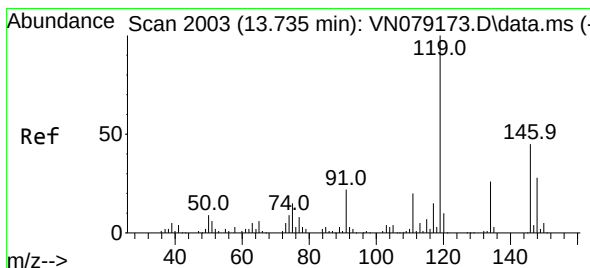
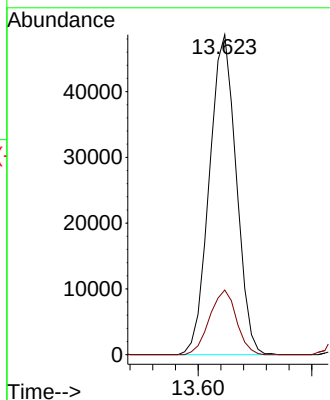
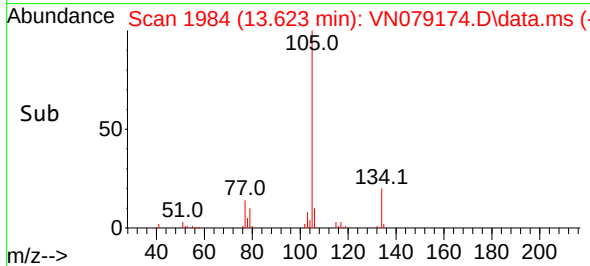
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



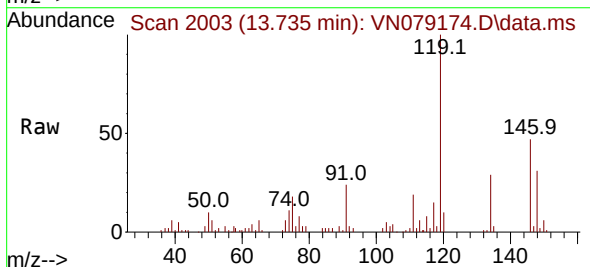
Tgt Ion:105 Resp: 7988
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 38.6

Manual Integrations
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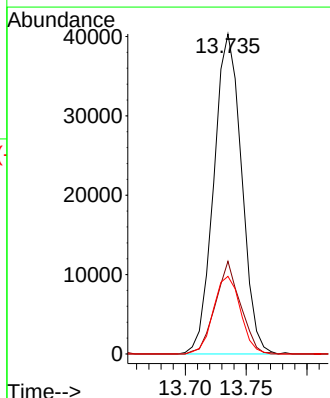
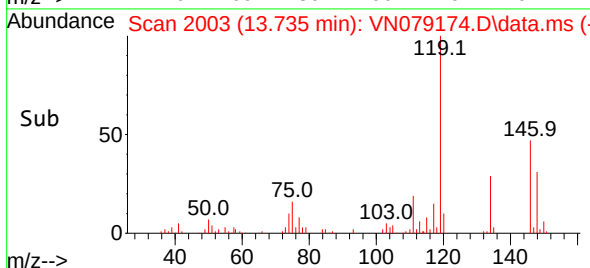
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023

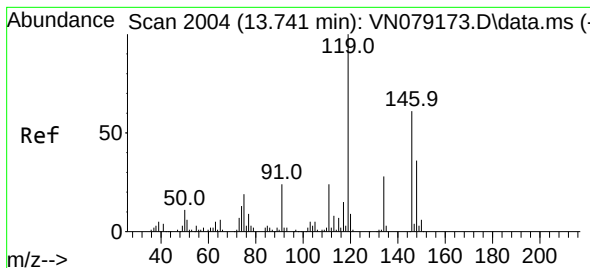


#82
 p-Isopropyltoluene
 Concen: 10.324 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079174.D
 Acq: 07 Sep 2023 11:08



Tgt Ion:119 Resp: 63933
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 53.8
 91 23.9 0.0 48.0





#83

1,3-Dichlorobenzene

Concen: 10.048 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN079174.D

Acq: 07 Sep 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:146 Resp: 3365

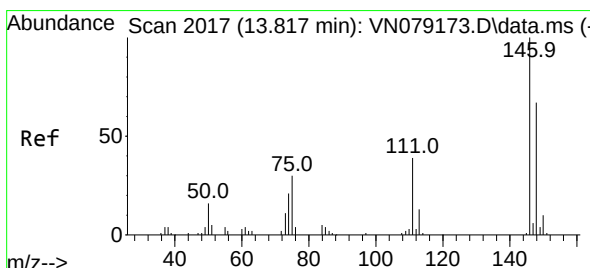
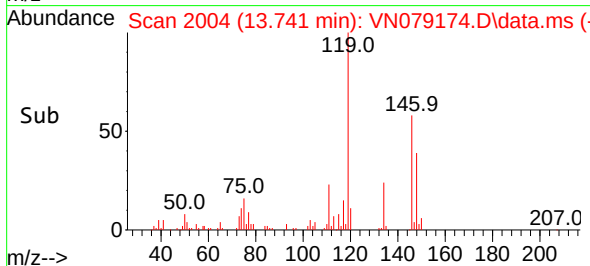
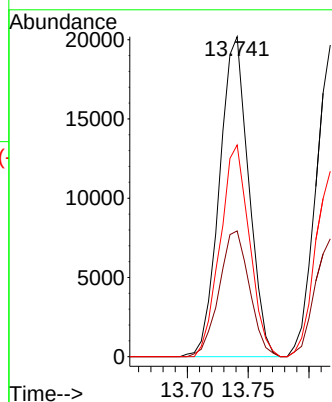
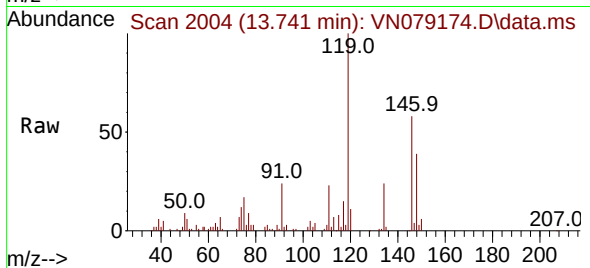
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.5	61.5
148	66.4	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#84

1,4-Dichlorobenzene

Concen: 10.658 ug/l

RT: 13.817 min Scan# 2017

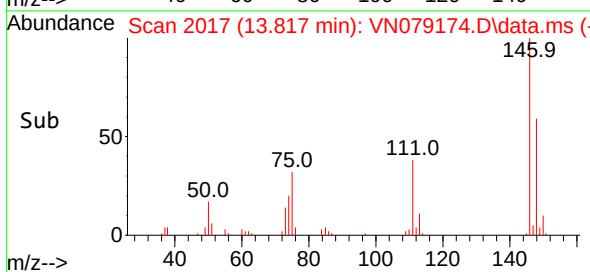
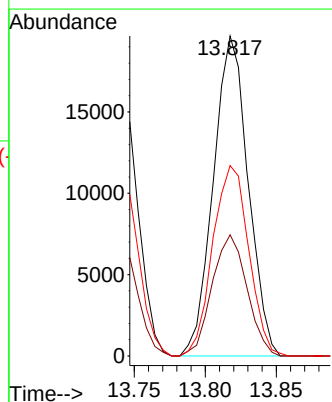
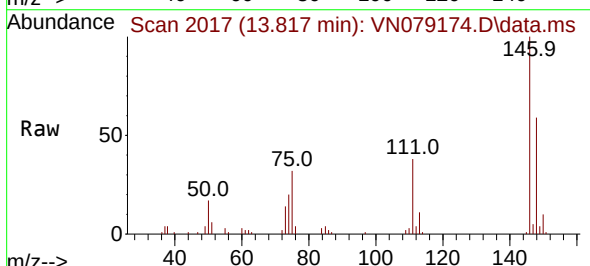
Delta R.T. -0.000 min

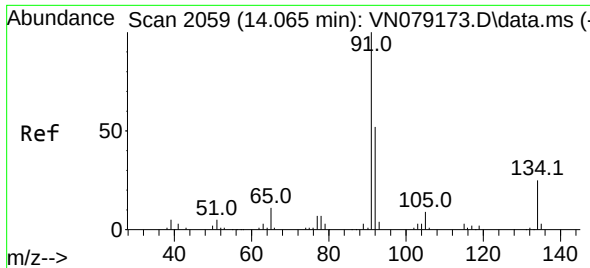
Lab File: VN079174.D

Acq: 07 Sep 2023 11:08

Tgt Ion:146 Resp: 33479

Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.5	58.5
148	61.6	32.1	96.5





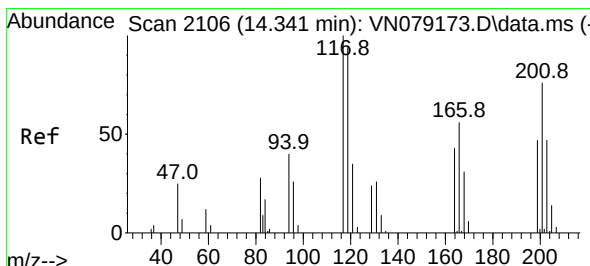
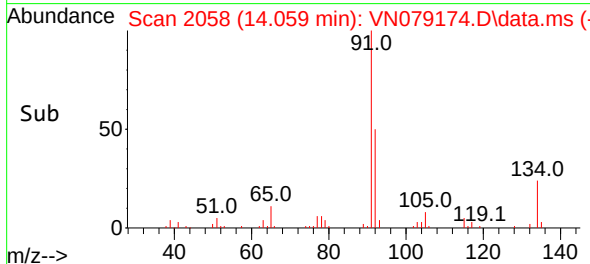
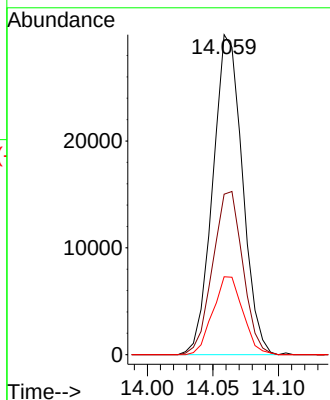
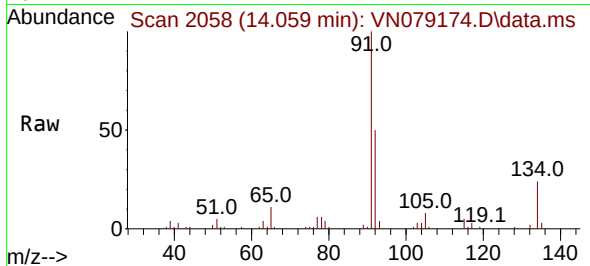
#85
n-Butylbenzene
Concen: 9.974 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 4704
Ion Ratio Lower Upper
91 100
92 51.9 0.0 105.0
134 24.6 0.0 49.6

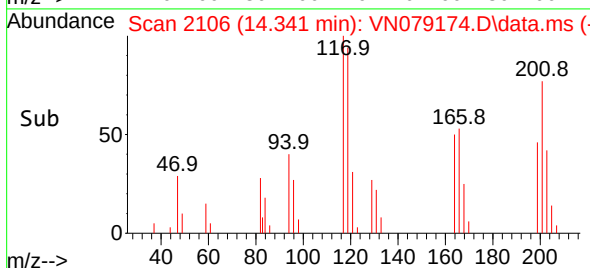
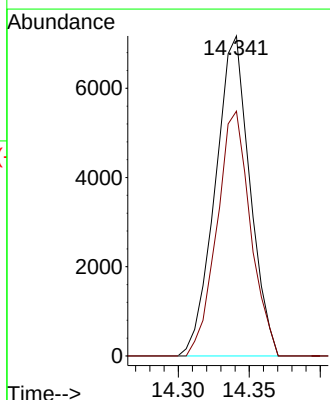
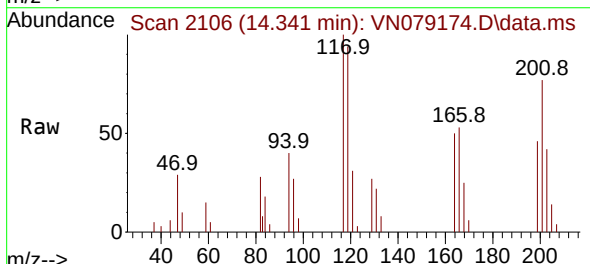
Manual Integrations
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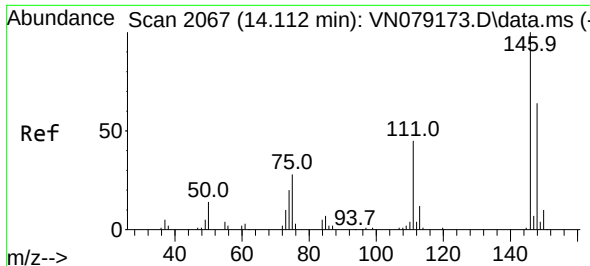
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#86
Hexachloroethane
Concen: 9.928 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

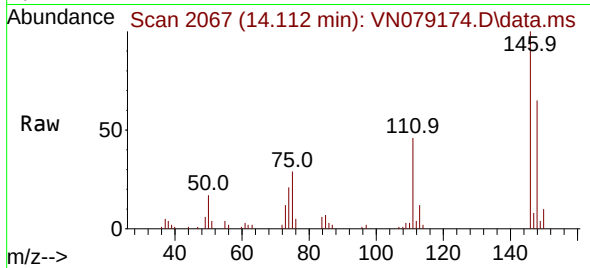
Tgt Ion:117 Resp: 12172
Ion Ratio Lower Upper
117 100
201 74.2 37.2 111.6





#87
1,2-Dichlorobenzene
Concen: 10.114 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

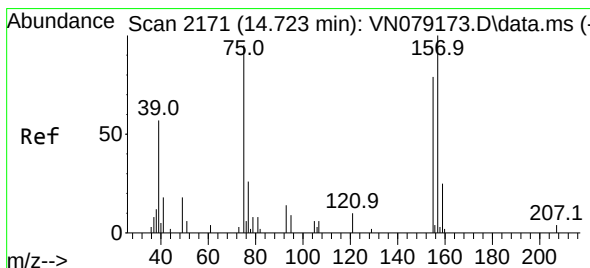
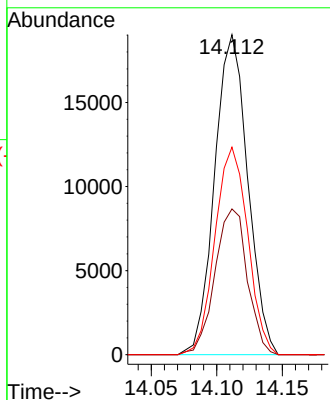
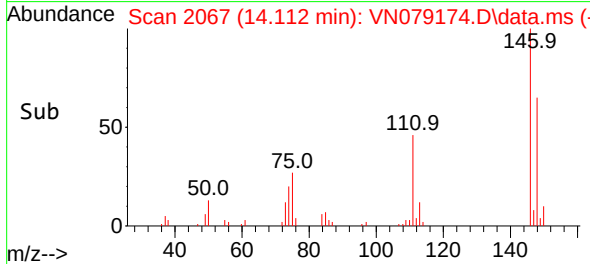
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



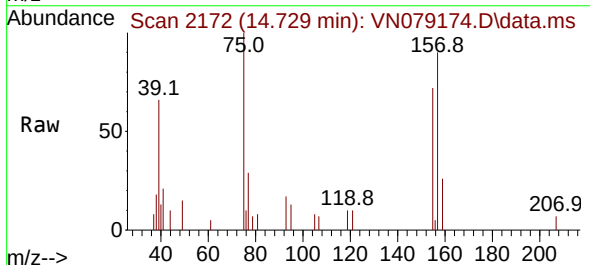
Tgt Ion:146 Resp: 3342
Ion Ratio Lower Upper
146 100
111 44.6 21.5 64.5
148 64.2 31.8 95.3

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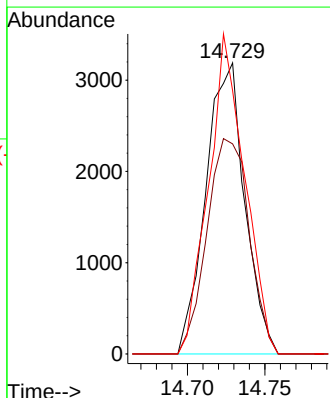
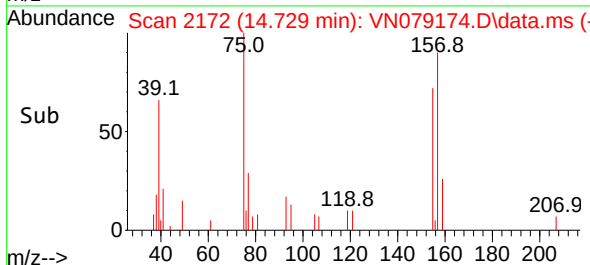
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

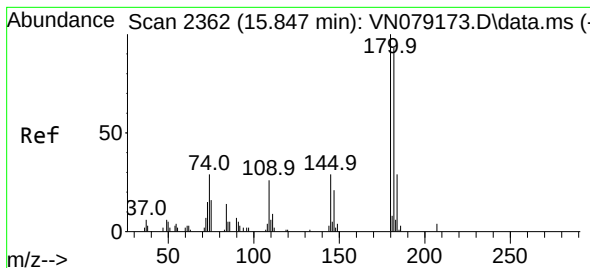


#88
1,2-Dibromo-3-Chloropropane
Concen: 10.419 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08



Tgt Ion: 75 Resp: 5562
Ion Ratio Lower Upper
75 100
155 80.4 68.1 102.1
157 102.2 83.9 125.9





#89

1,2,4-Trichlorobenzene

Concen: 10.324 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079174.D

Acq: 07 Sep 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

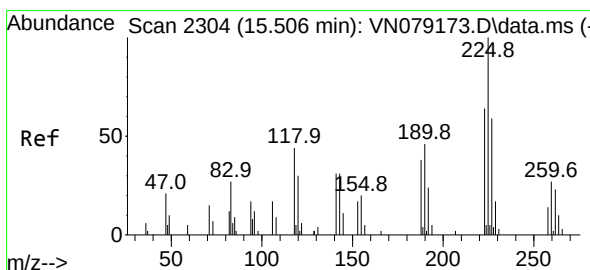
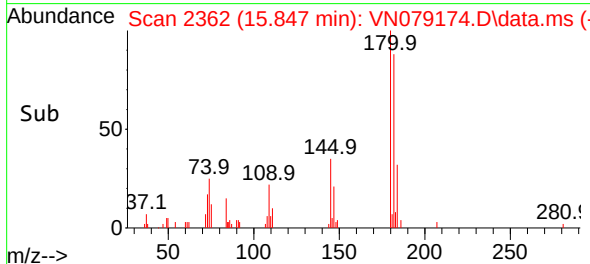
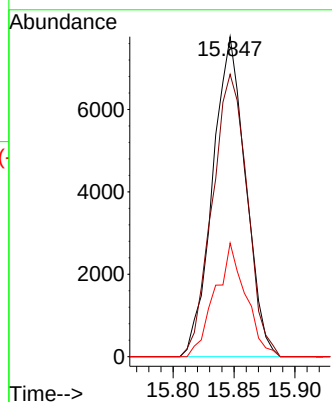
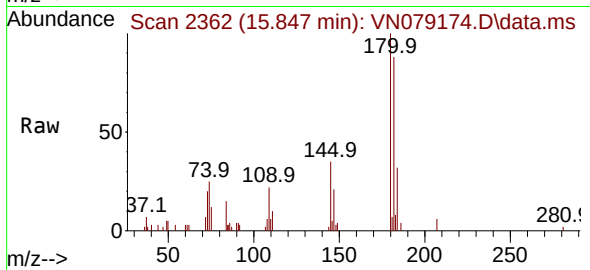
Tgt Ion:180	Resp:	14614
Ion Ratio	Lower	Upper
180	100	
182	93.5	74.5 111.7
145	33.2	26.2 39.2

Manual Integrations

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Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#90

Hexachlorobutadiene

Concen: 10.429 ug/l

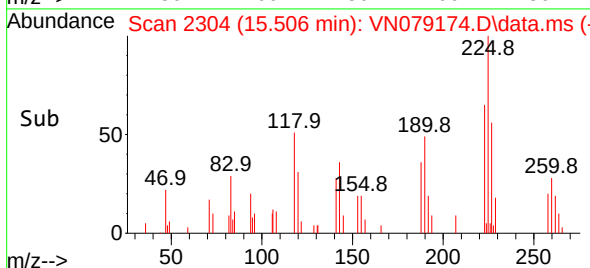
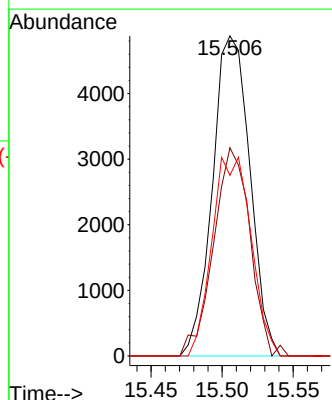
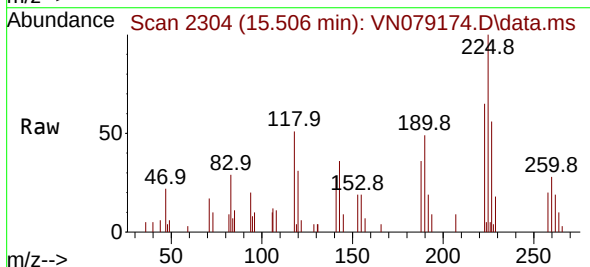
RT: 15.506 min Scan# 2304

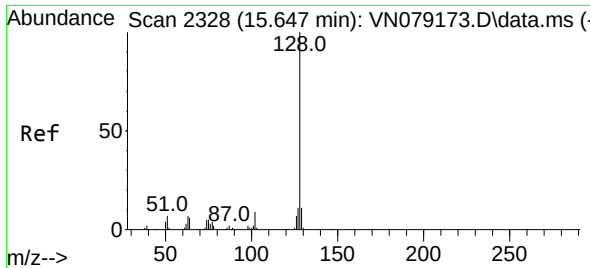
Delta R.T. -0.000 min

Lab File: VN079174.D

Acq: 07 Sep 2023 11:08

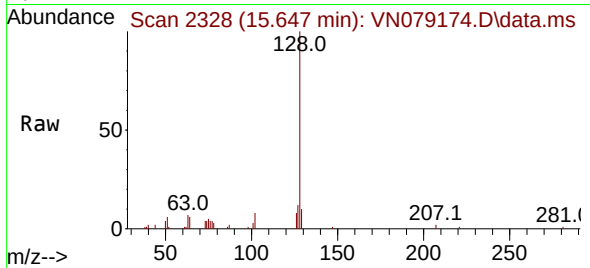
Tgt Ion:225	Resp:	8944
Ion Ratio	Lower	Upper
225	100	
223	62.7	0.0 125.6
227	65.0	0.0 124.0





#91
Naphthalene
Concen: 9.605 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

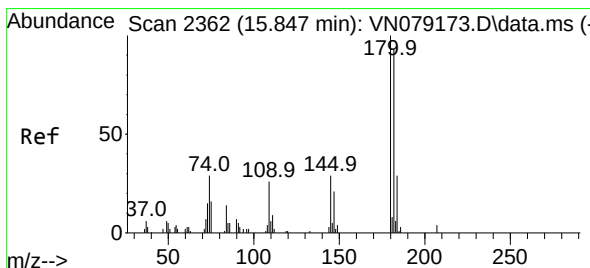
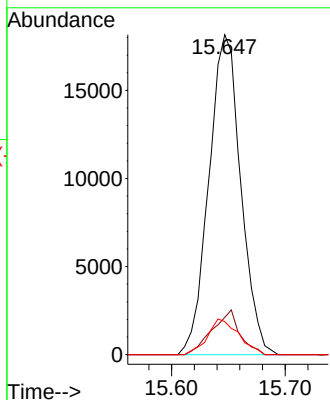
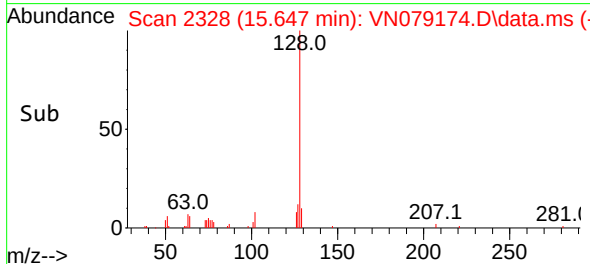
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:128 Resp: 35498
Ion Ratio Lower Upper
128 100
127 12.1 10.1 15.1
129 10.9 8.5 12.7

Manual Integrations
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Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#92
1,2,3-Trichlorobenzene
Concen: 10.324 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079174.D
Acq: 07 Sep 2023 11:08

Tgt Ion:180 Resp: 14614
Ion Ratio Lower Upper
180 100
182 93.5 0.0 186.2
145 33.2 0.0 65.4

