

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
 Data File : VN079176.D
 Acq On : 07 Sep 2023 13:27
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090723

Manual Integrations
 APPROVED

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

Quant Time: Sep 08 05:41:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	32171	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	176728	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	157439	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	70712	29.256	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.533%		
60) 4-Bromofluorobenzene	12.853	95	71237	30.708	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	102.367%		
63) Toluene-d8	10.571	98	222836	30.286	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.967%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	35420	19.741	ug/l	99
3) Chloromethane	2.365	50	25602	14.230	ug/l	98
4) Vinyl Chloride	2.512	62	28681	16.113	ug/l	92
5) Bromomethane	2.948	94	19551	17.896	ug/l	96
6) Chloroethane	3.112	64	20824	19.102	ug/l #	86
7) Trichlorofluoromethane	3.495	101	40347	19.039	ug/l	94
8) Diethyl Ether	3.965	74	14571	18.753	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	21915	18.766	ug/l	99
10) 1,1-Dichloroethene	4.342	96	21295	18.819	ug/l	92
11) Methyl Iodide	4.595	142	28577	20.049	ug/l	96
12) Methyl Acetate	5.036	43	50079	18.991	ug/l	93
13) Acrolein	4.189	56	21289	88.641	ug/l	97
14) Acrylonitrile	5.730	53	68477	88.512	ug/l	92
15) Acetone	4.442	58	19886	98.534	ug/l	96
16) Carbon Disulfide	4.712	76	63021	18.848	ug/l	96
17) Allyl chloride	5.030	41	34026	18.714	ug/l	94
18) Methylene Chloride	5.277	84	27781	18.305	ug/l	98
19) trans-1,2-Dichloroethene	5.789	96	25117	17.741	ug/l	94
20) Diisopropyl ether	6.683	45	80985	14.919	ug/l	93
21) 1,1-Dichloroethane	6.577	63	48859	15.365	ug/l	98
22) cis-1,2-Dichloroethene	7.494	96	45156	20.395	ug/l	100
23) tert-Butyl Alcohol	5.536	59	26978	90.646	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	79374	17.773	ug/l	97
25) Chloroform	7.971	83	74757	19.495	ug/l	99
26) Cyclohexane	8.265	56	56990	19.763	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	54520	19.241	ug/l	98
30) 2-Butanone	7.494	43	146235	102.607	ug/l	100
31) 2,2-Dichloropropane	7.494	77	59193	20.944	ug/l #	78
32) 1,1,1-Trichloroethane	8.177	97	63606	19.054	ug/l	98
33) Carbon Tetrachloride	8.371	117	55907	19.496	ug/l	98
34) Benzene	8.612	78	170113	18.896	ug/l	99
35) Methacrylonitrile	7.783	41	29641	19.316	ug/l	96
36) 1,2-Dichloroethane	8.671	62	55118	18.564	ug/l	99
37) Trichloroethene	9.359	130	40554	19.058	ug/l	95
38) Methylcyclohexane	9.606	83	55172	19.477	ug/l	99
39) 1,2-Dichloropropane	9.630	63	44585	19.199	ug/l	99
40) Dibromomethane	9.718	93	29173	19.050	ug/l	97
41) Bromodichloromethane	9.894	83	58588	19.192	ug/l	96
42) Vinyl Acetate	6.612	43	256513	75.787	ug/l	98

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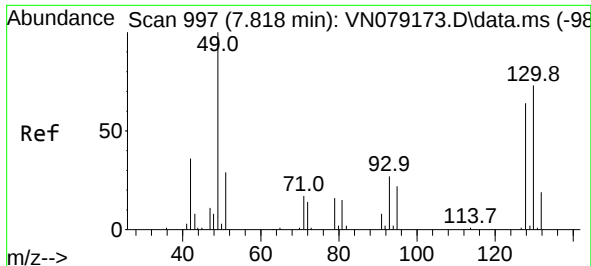
Manual Integrations
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 Supervised By : Mahesh Dadoda 09/08/2023

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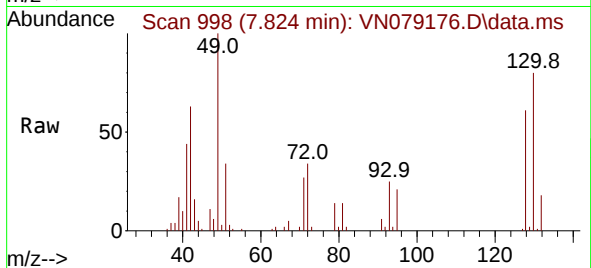
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	56981	21.052	ug/l	99
44) Isopropyl Acetate	8.694	43	92844	19.068	ug/l	100
45) 1,4-Dioxane	9.706	88	19014	392.311	ug/l	97
46) Methyl methacrylate	9.688	41	43229	19.872	ug/l	98
47) n-amyl Acetate	12.500	43	67901	19.829	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	60611	18.352	ug/l	95
49) cis-1,3-Dichloropropene	10.318	75	68228	19.805	ug/l	97
50) 1,1,2-Trichloroethane	11.024	97	41957	19.529	ug/l	95
51) Ethyl methacrylate	10.882	69	63410	19.111	ug/l	99
52) 1,3-Dichloropropane	11.171	76	72392	19.737	ug/l	99
53) Dibromochloromethane	11.365	129	43841	19.456	ug/l	99
54) 1,2-Dibromoethane	11.476	107	42730	19.586	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	119716	101.545	ug/l	99
56) Bromoform	12.582	173	30281	19.286	ug/l	98
58) 4-Methyl-2-Pentanone	10.453	43	290232	100.458	ug/l	100
59) 2-Hexanone	11.200	43	211948	104.460	ug/l	100
61) Tetrachloroethene	11.106	164	34443	20.106	ug/l	94
62) Toluene	10.635	91	178955	19.522	ug/l	98
64) Chlorobenzene	11.900	112	104735	19.585	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	40709	19.884	ug/l	97
66) Ethyl Benzene	11.971	91	188447	20.417	ug/l	99
67) m/p-Xylenes	12.076	106	140951	40.586	ug/l	100
68) o-Xylene	12.406	106	70791	21.136	ug/l	95
69) Styrene	12.418	104	113394	21.226	ug/l	98
70) Isopropylbenzene	12.700	105	174317	20.476	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	62635	19.667	ug/l	98
72) 1,2,3-Trichloropropane	13.000	75	50677m	18.912	ug/l	
73) Bromobenzene	12.982	156	40919	19.241	ug/l	97
74) n-propylbenzene	13.041	91	199251	20.541	ug/l	100
75) 2-Chlorotoluene	13.129	91	126021	20.261	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	144681	20.553	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	19132	20.279	ug/l	97
78) 4-Chlorotoluene	13.229	91	118427	20.165	ug/l	97
79) tert-butylbenzene	13.441	119	114346	19.790	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	129887	19.321	ug/l	99
81) sec-Butylbenzene	13.623	105	145578	18.415	ug/l	99
82) p-Isopropyltoluene	13.735	119	104535	16.740	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	55554	16.449	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	51864	16.374	ug/l	99
85) n-Butylbenzene	14.059	91	99412	20.902	ug/l	98
86) Hexachloroethane	14.335	117	25980	21.013	ug/l	98
87) 1,2-Dichlorobenzene	14.112	146	69195	20.761	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	10934	20.312	ug/l	97
89) 1,2,4-Trichlorobenzene	15.841	180	28618	20.065	ug/l	100
90) Hexachlorobutadiene	15.506	225	17326	20.000	ug/l	99
91) Naphthalene	15.647	128	70902	19.024	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	28618	20.065	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

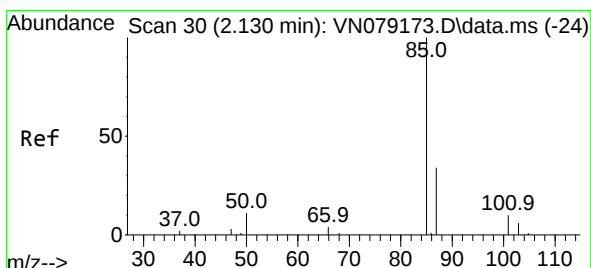
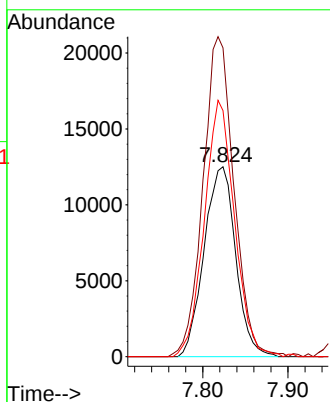
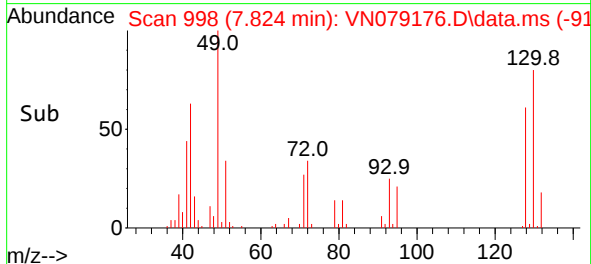
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



Tgt Ion:128 Resp: 3217
Ion Ratio Lower Upper
128 100
49 165.0 0.0 414.3
130 129.4 0.0 311.0

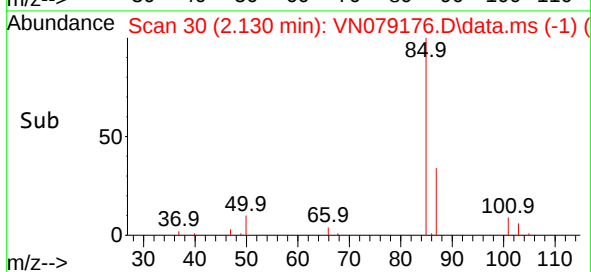
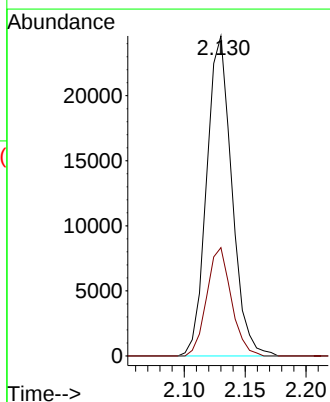
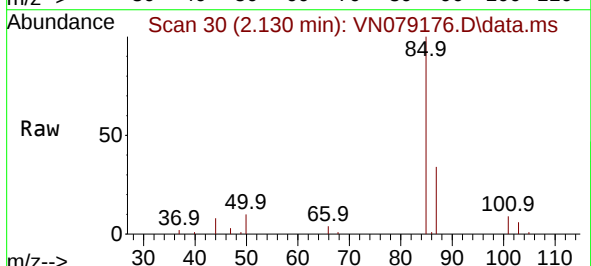
Manual Integrations
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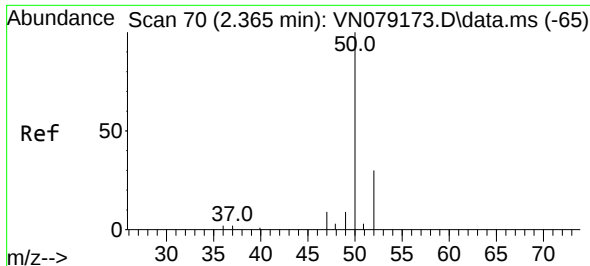
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#2
Dichlorodifluoromethane
Concen: 19.741 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

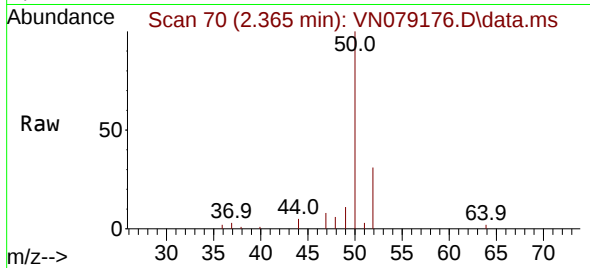
Tgt Ion: 85 Resp: 35420
Ion Ratio Lower Upper
85 100
87 33.9 17.3 51.7





#3
Chloromethane
Concen: 14.230 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

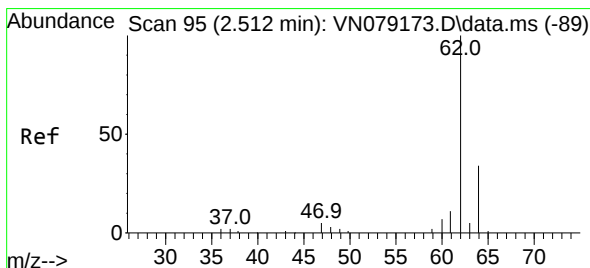
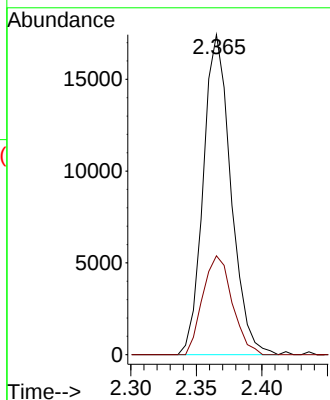
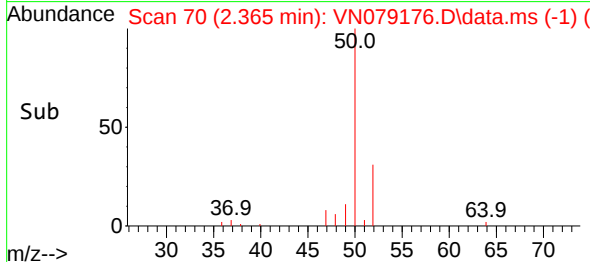
Instrument :
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ClientSampleId :
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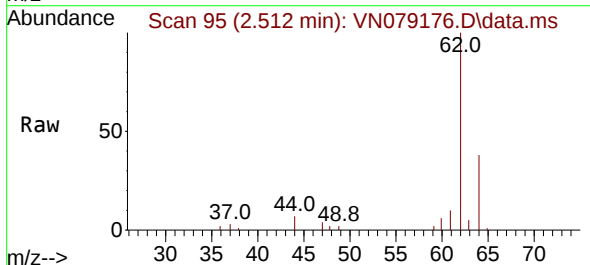
Tgt Ion: 50 Resp: 2560
Ion Ratio Lower Upper
50 100
52 30.9 24.0 36.0

Manual Integrations
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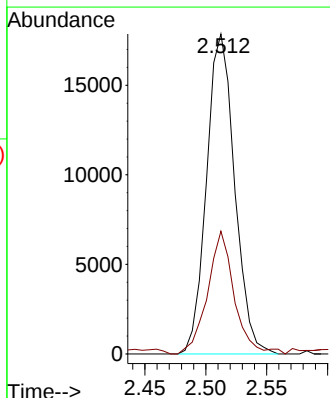
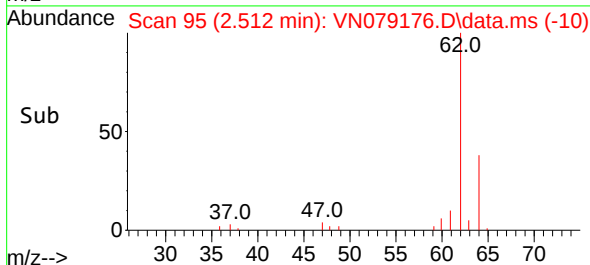
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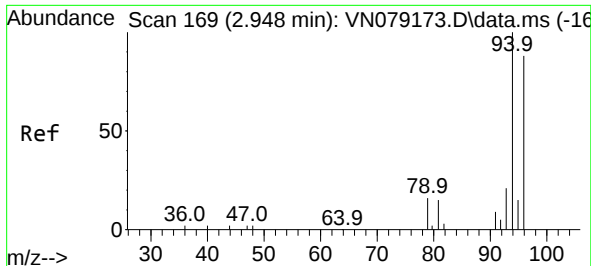


#4
Vinyl Chloride
Concen: 16.113 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27



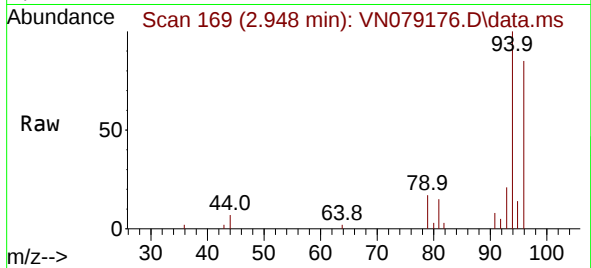
Tgt Ion: 62 Resp: 28681
Ion Ratio Lower Upper
62 100
64 38.4 27.1 40.7





#5
Bromomethane
Concen: 17.896 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

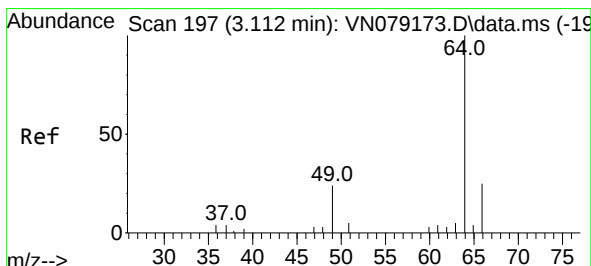
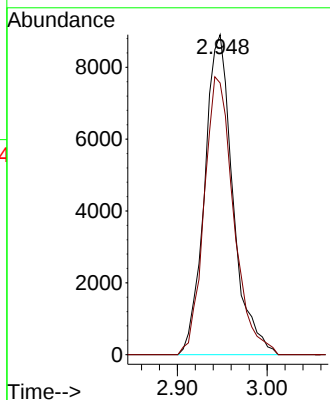
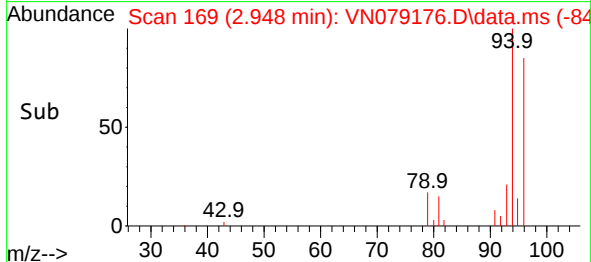
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Tgt Ion: 94 Resp: 1955
Ion Ratio Lower Upper
94 100
96 84.9 70.6 105.8

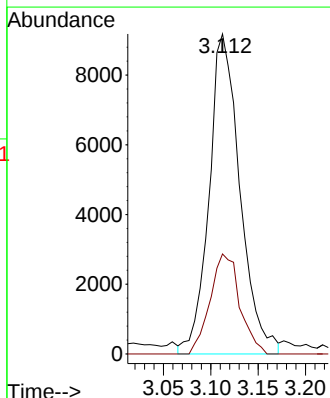
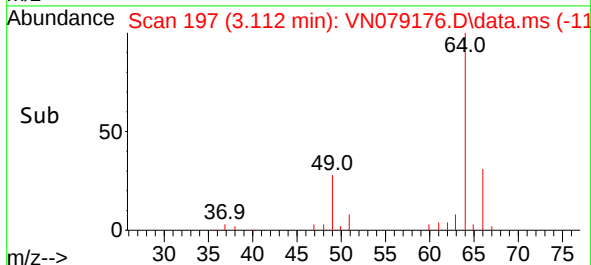
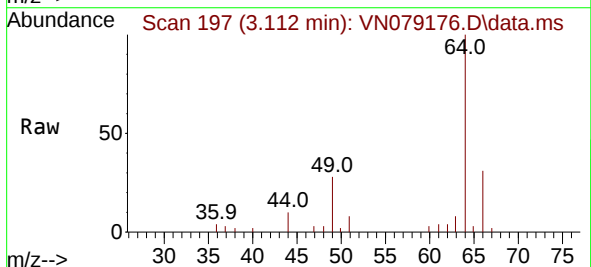
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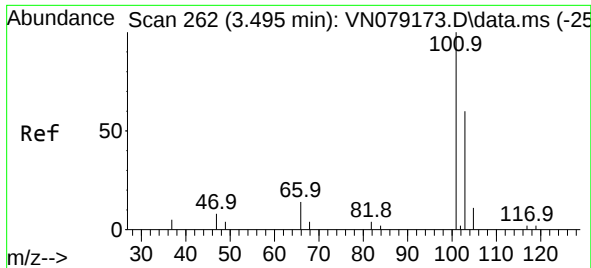
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#6
Chloroethane
Concen: 19.102 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

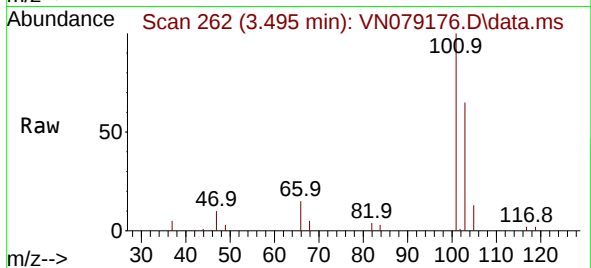
Tgt Ion: 64 Resp: 20824
Ion Ratio Lower Upper
64 100
66 32.1 20.1 30.1#





#7
Trichlorofluoromethane
Concen: 19.039 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

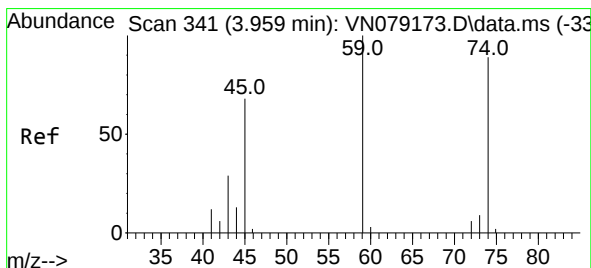
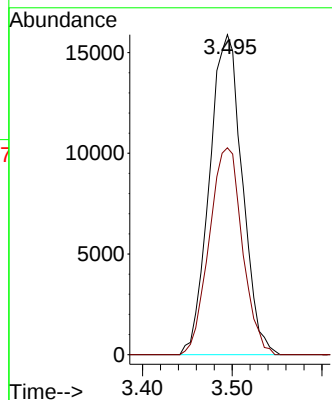
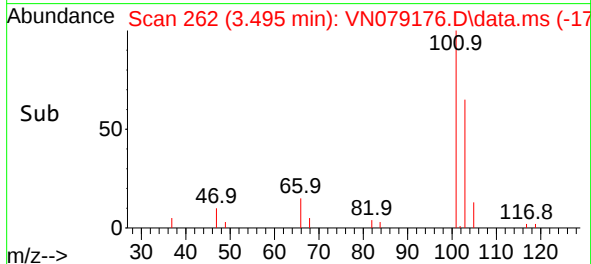
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Tgt Ion:101 Resp: 4034
Ion Ratio Lower Upper
101 100
103 64.7 48.2 72.4

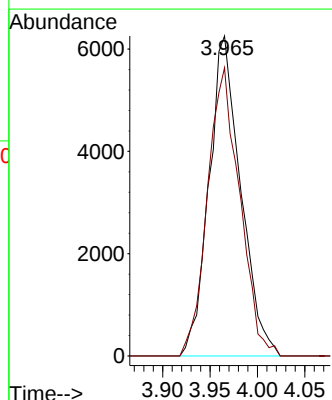
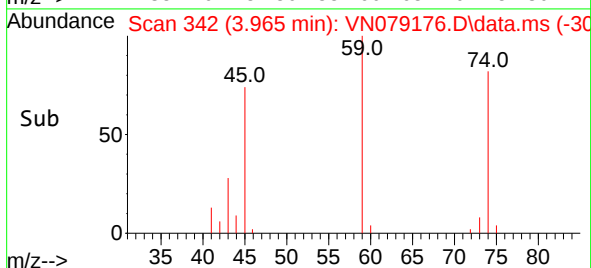
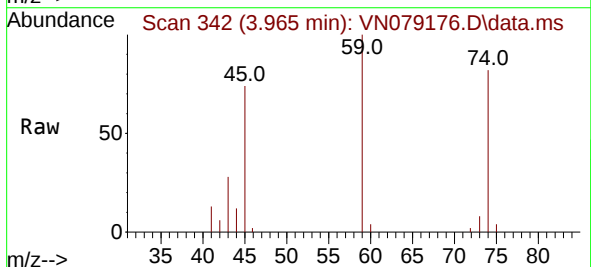
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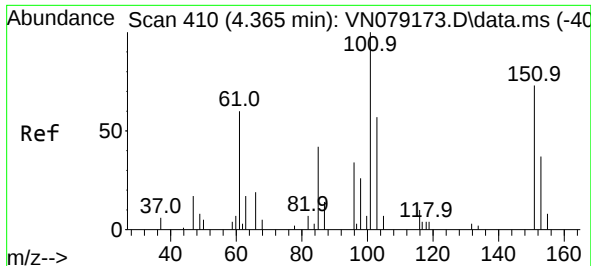
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#8
Diethyl Ether
Concen: 18.753 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Tgt Ion: 74 Resp: 14571
Ion Ratio Lower Upper
74 100
45 91.6 17.6 158.0





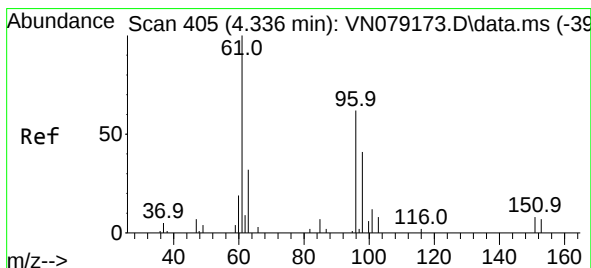
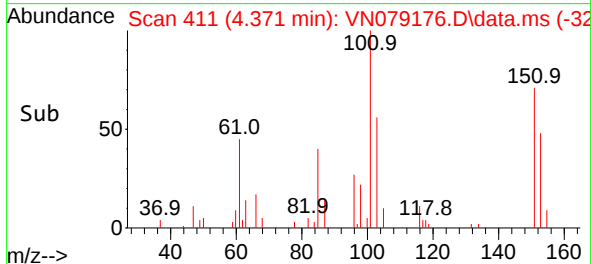
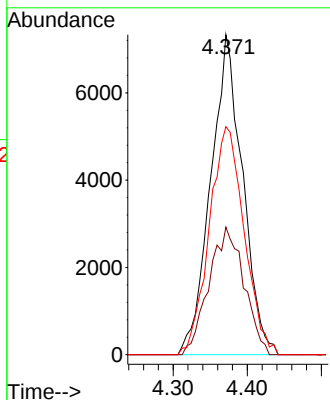
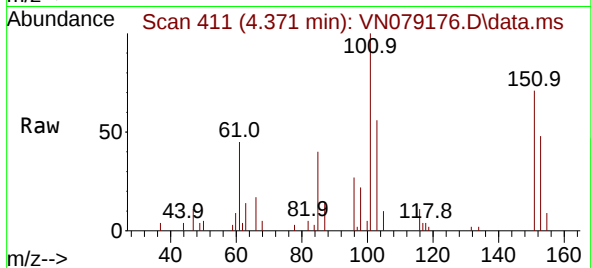
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.766 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Instrument :
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ClientSampleId :
ICVVN090723

Tgt Ion:101 Resp: 2191
Ion Ratio Lower Upper
101 100
85 43.9 0.0 85.6
151 77.9 0.0 155.8

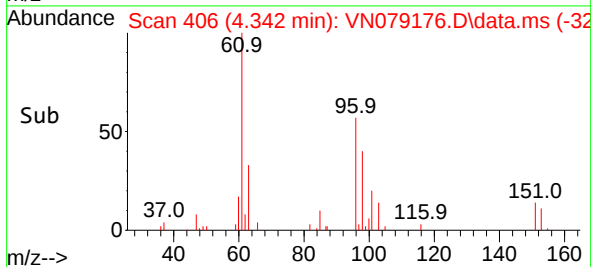
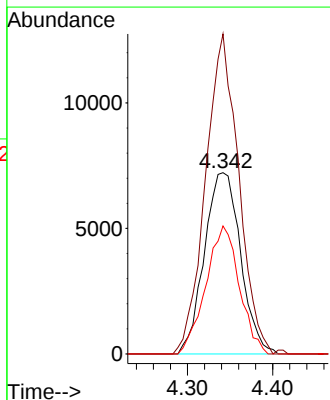
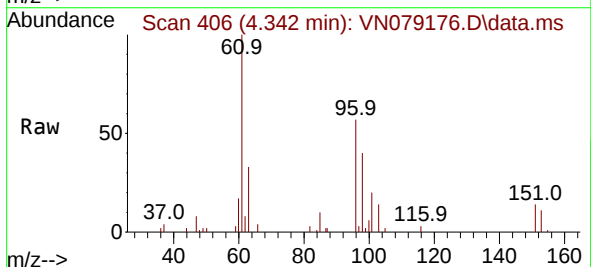
Manual Integrations
APPROVED

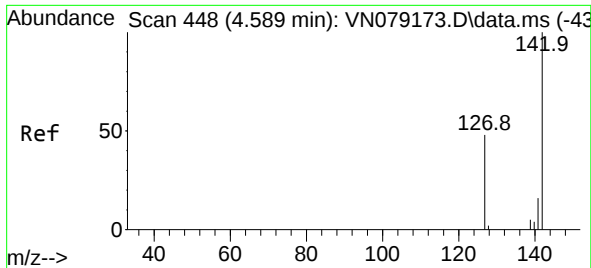
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#10
1,1-Dichloroethene
Concen: 18.819 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Tgt Ion: 96 Resp: 21295
Ion Ratio Lower Upper
96 100
61 174.4 130.2 195.2
98 70.6 52.3 78.5





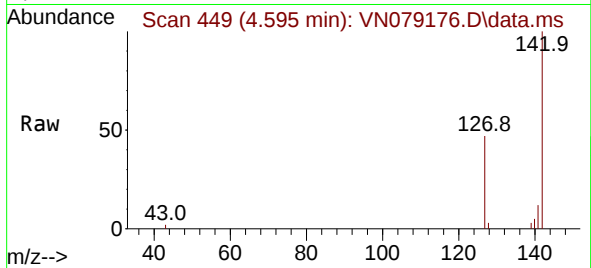
#11
Methyl Iodide
Concen: 20.049 ug/l
RT: 4.595 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090723



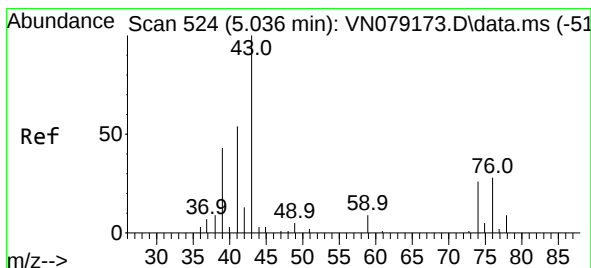
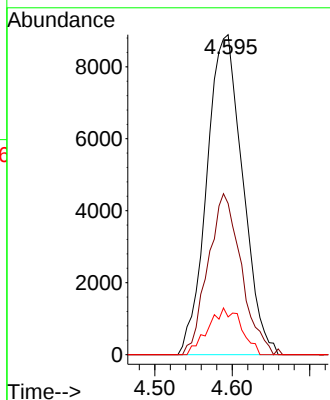
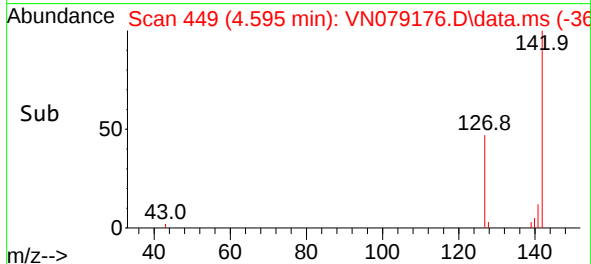
Tgt Ion:142 Resp: 2857
Ion Ratio Lower Upper
142 100
127 46.4 23.8 71.4
141 11.8 8.2 24.6

Manual Integrations

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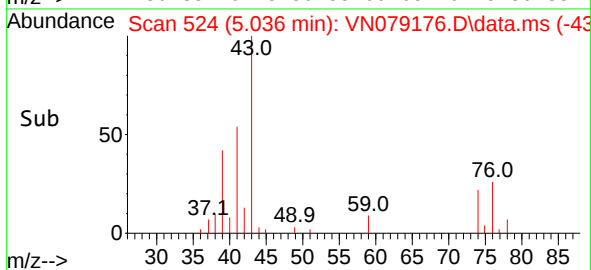
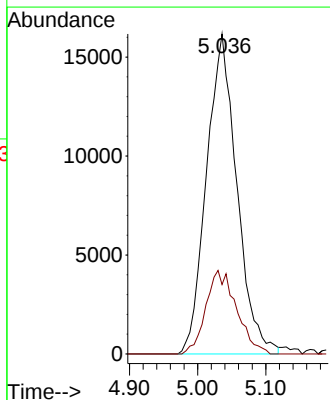
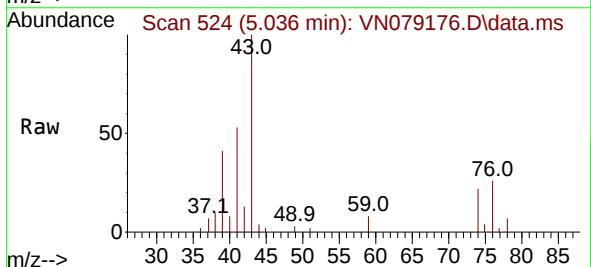
Reviewed By :John Carlone 09/08/2023

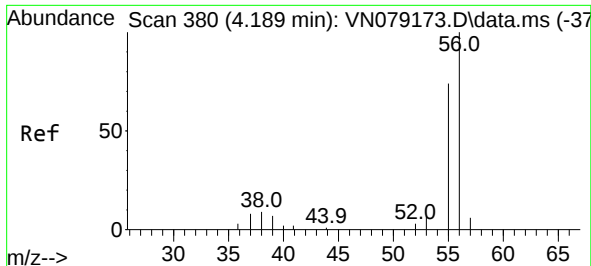
Supervised By :Mahesh Dadoda 09/08/2023



#12
Methyl Acetate
Concen: 18.991 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

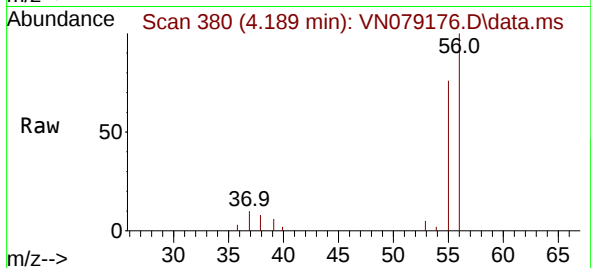
Tgt Ion: 43 Resp: 50079
Ion Ratio Lower Upper
43 100
74 22.0 20.4 30.6





#13
Acrolein
Concen: 88.641 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

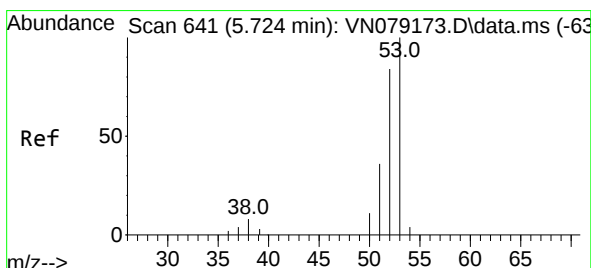
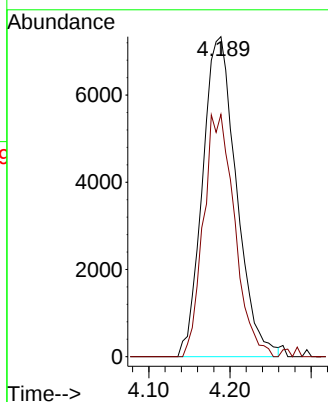
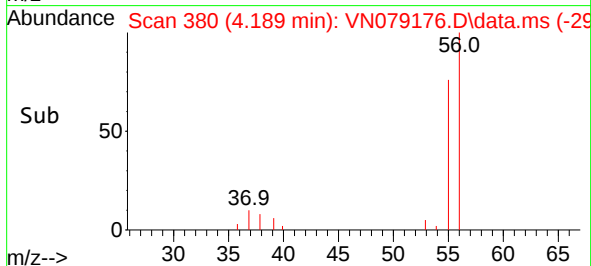
Instrument : MSVOA_N
ClientSampleId : ICVVN090723



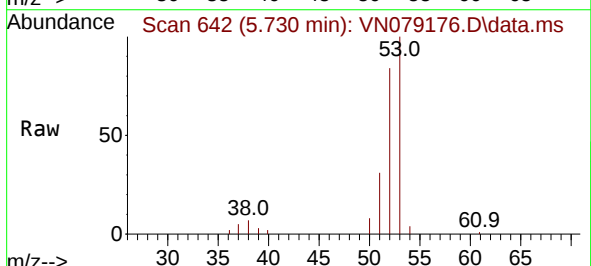
Tgt Ion: 56 Resp: 21289
Ion Ratio Lower Upper
56 100
55 69.8 57.7 86.5

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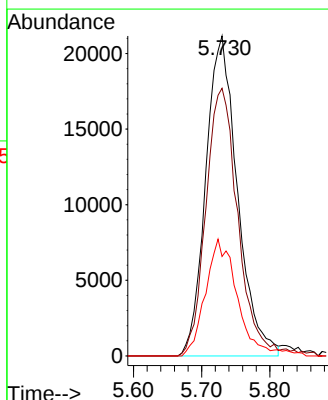
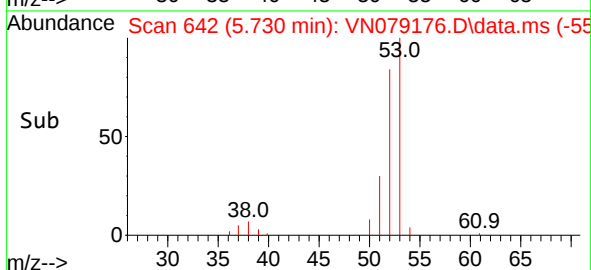
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

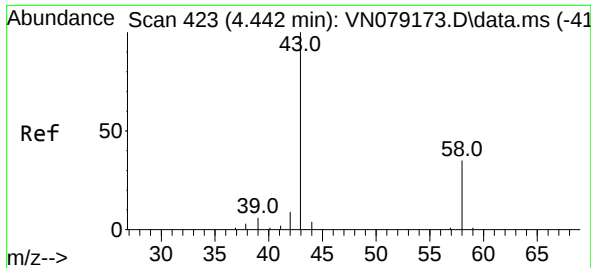


#14
Acrylonitrile
Concen: 88.512 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27



Tgt Ion: 53 Resp: 68477
Ion Ratio Lower Upper
53 100
52 83.2 41.4 124.4
51 19.9 17.3 51.9





#15

Acetone

Concen: 98.534 ug/l

RT: 4.442 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN079176.D

Acq: 07 Sep 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090723

Tgt Ion: 58 Resp: 1988

Ion Ratio Lower Upper

58 100

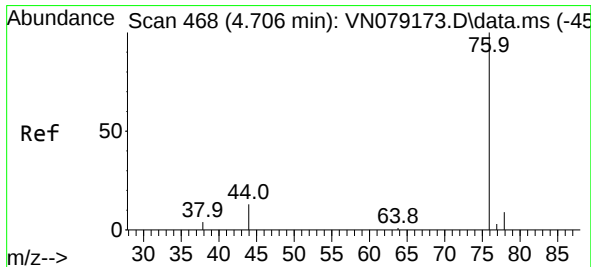
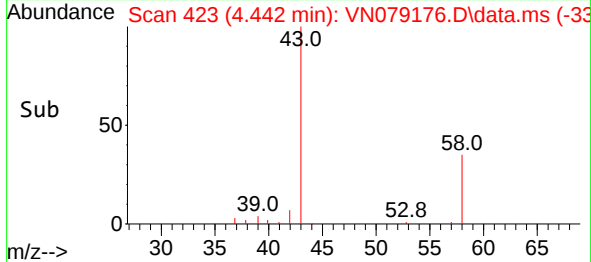
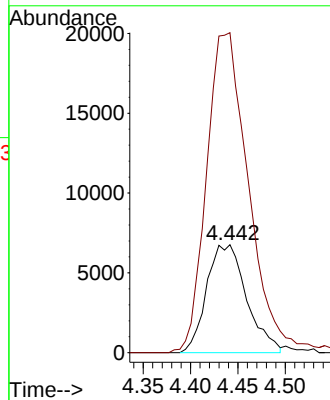
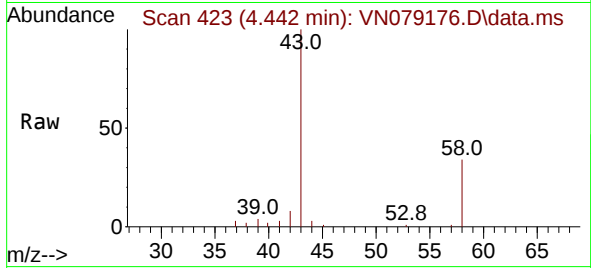
43 293.1 228.3 342.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#16

Carbon Disulfide

Concen: 18.848 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN079176.D

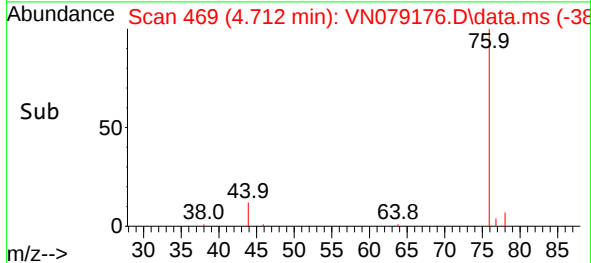
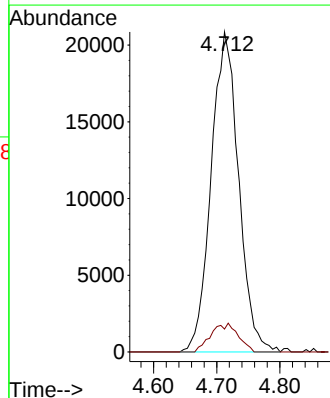
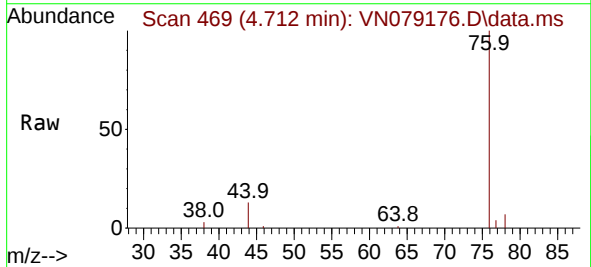
Acq: 07 Sep 2023 13:27

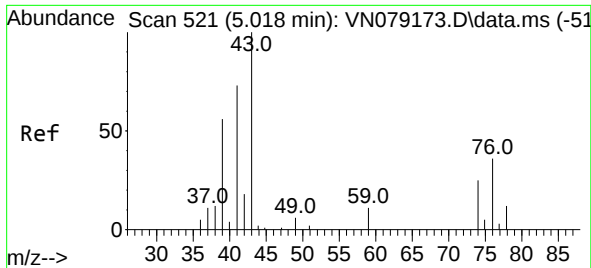
Tgt Ion: 76 Resp: 63021

Ion Ratio Lower Upper

76 100

78 7.2 6.9 10.3





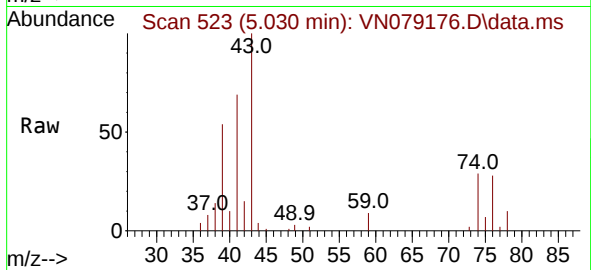
#17
 Allyl chloride
 Concen: 18.714 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN079176.D
 Acq: 07 Sep 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090723



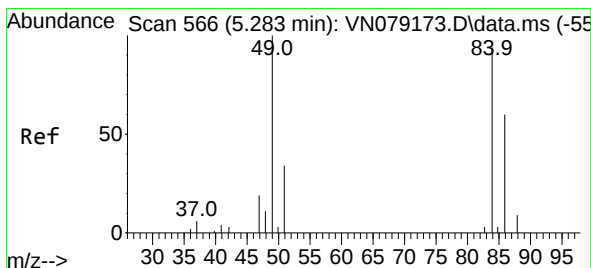
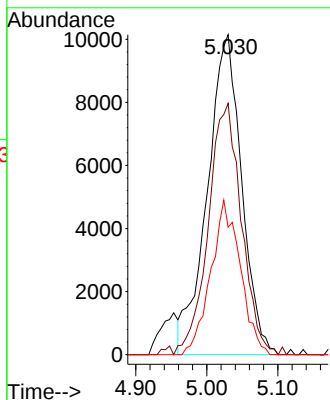
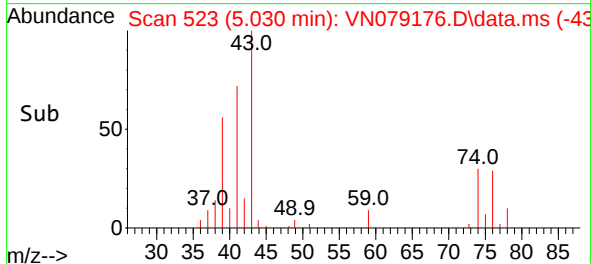
Tgt Ion: 41 Resp: 34020
 Ion Ratio Lower Upper
 41 100
 39 78.6 38.3 114.8
 76 39.8 23.7 71.1

Manual Integrations

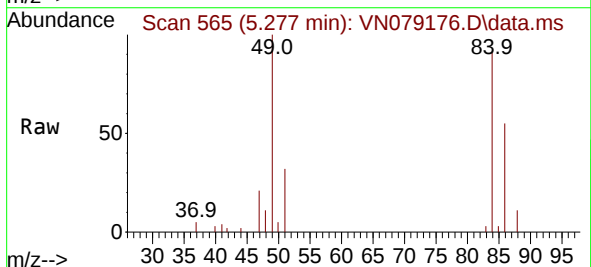
APPROVED

Reviewed By :John Carlone 09/08/2023

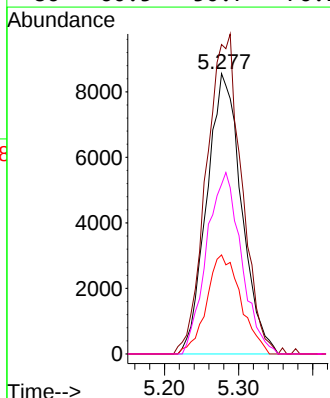
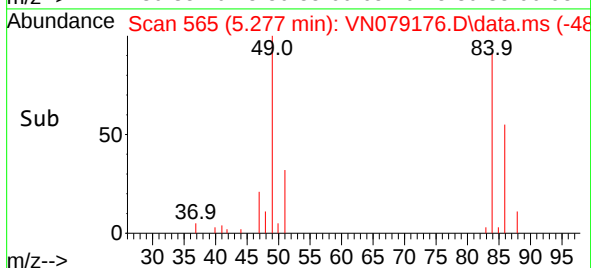
Supervised By :Mahesh Dadoda 09/08/2023

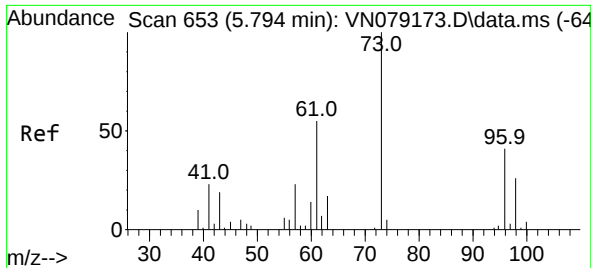


#18
 Methylene Chloride
 Concen: 18.305 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079176.D
 Acq: 07 Sep 2023 13:27



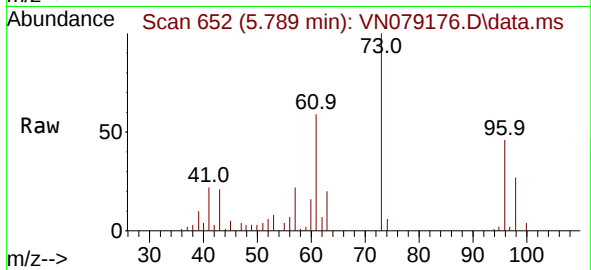
Tgt Ion: 84 Resp: 27781
 Ion Ratio Lower Upper
 84 100
 49 110.4 86.9 130.3
 51 35.3 28.6 43.0
 86 60.5 50.7 76.1





#19
trans-1,2-Dichloroethene
Concen: 17.741 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.005 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

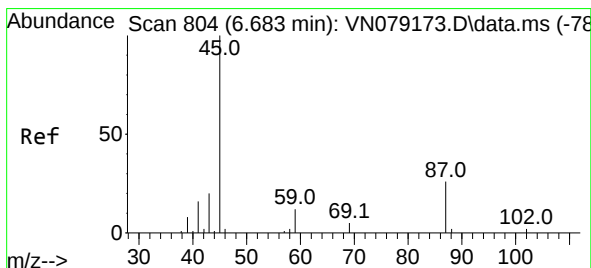
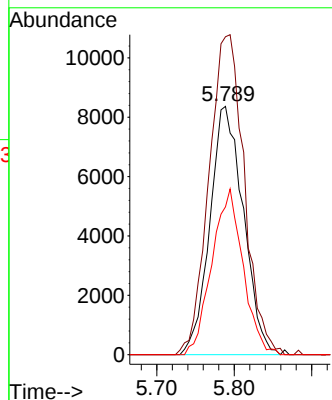
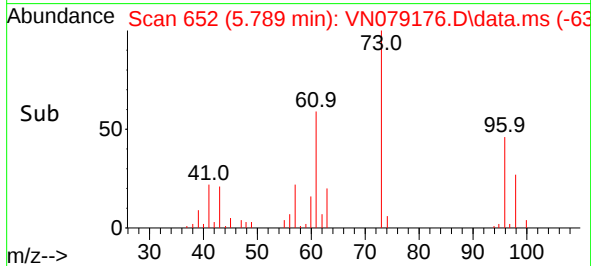
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



Tgt Ion: 96 Resp: 2511
Ion Ratio Lower Upper
96 100
61 126.2 106.6 159.8
98 59.6 51.0 76.4

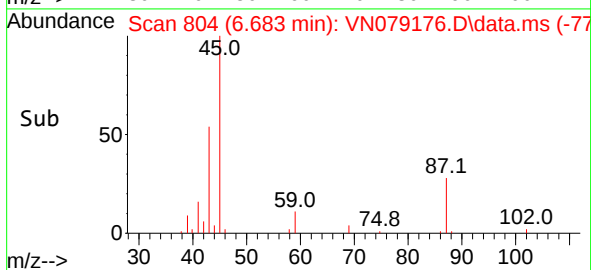
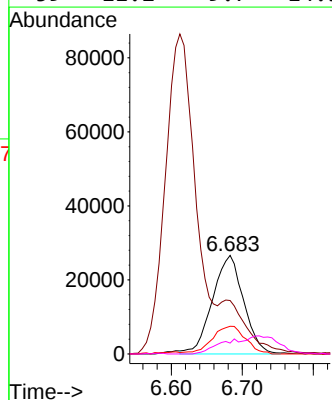
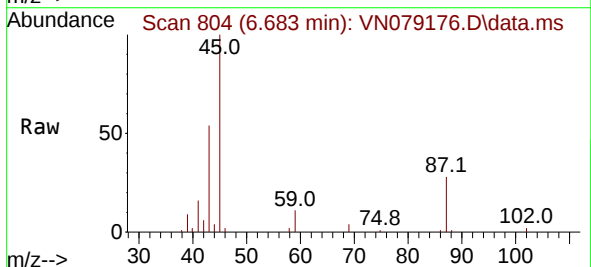
Manual Integrations
APPROVED

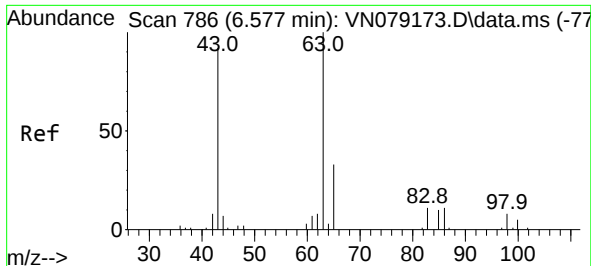
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#20
Diisopropyl ether
Concen: 14.919 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Tgt Ion: 45 Resp: 80985
Ion Ratio Lower Upper
45 100
43 50.1 34.9 52.3
87 28.4 21.5 32.3
59 11.2 9.7 14.5





#21

1,1-Dichloroethane

Concen: 15.365 ug/l

RT: 6.577 min Scan# 786

Delta R.T. -0.000 min

Lab File: VN079176.D

Acq: 07 Sep 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090723

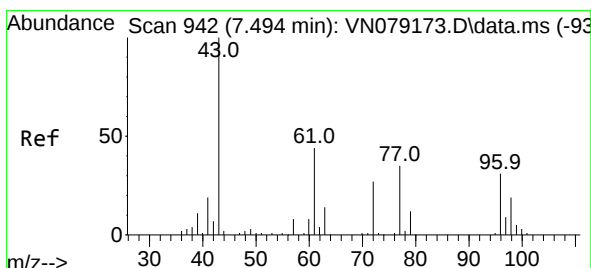
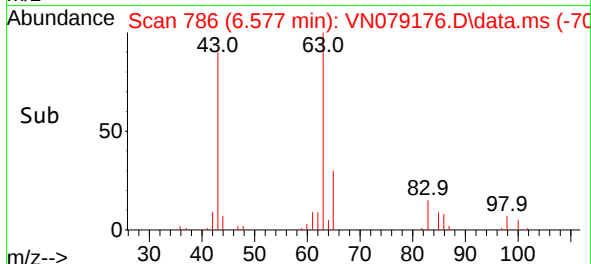
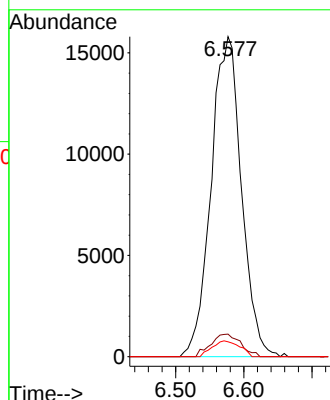
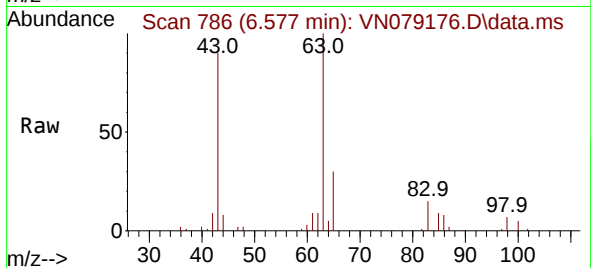
Tgt Ion:	63	Resp:	4885
Ion Ratio	Lower	Upper	
63	100		
98	7.1	3.9	11.5
100	4.7	2.5	7.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#22

cis-1,2-Dichloroethene

Concen: 20.395 ug/l

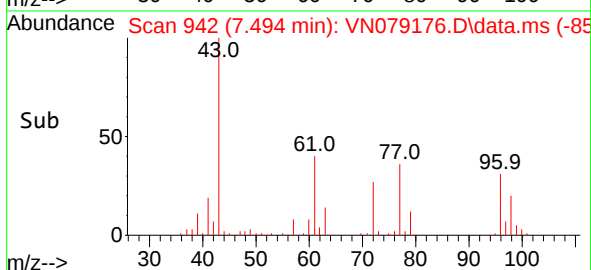
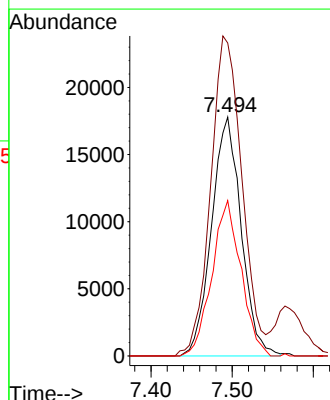
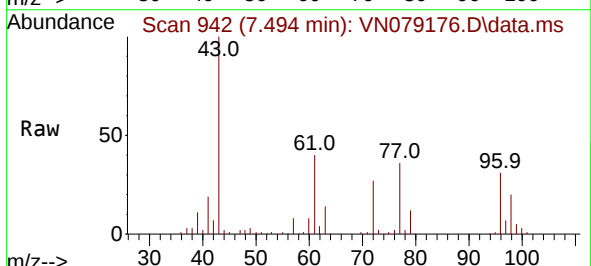
RT: 7.494 min Scan# 942

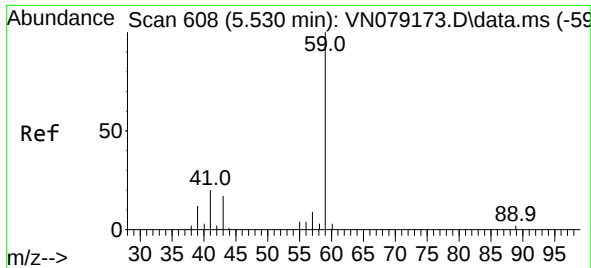
Delta R.T. 0.000 min

Lab File: VN079176.D

Acq: 07 Sep 2023 13:27

Tgt Ion:	96	Resp:	45156
Ion Ratio	Lower	Upper	
96	100		
61	141.3	113.0	169.6
98	63.8	50.2	75.4





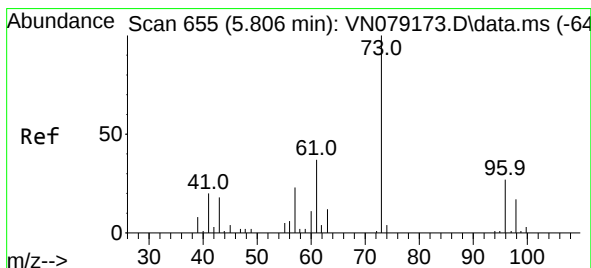
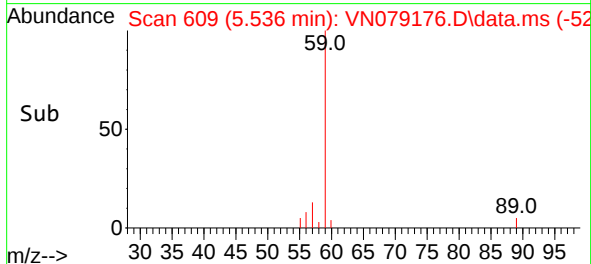
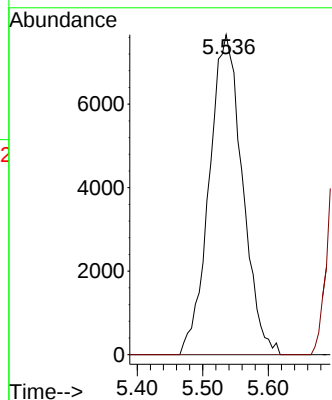
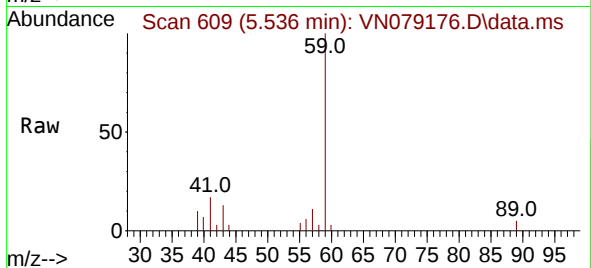
#23
tert-Butyl Alcohol
Concen: 90.646 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723

Tgt Ion: 59 Resp: 26978
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

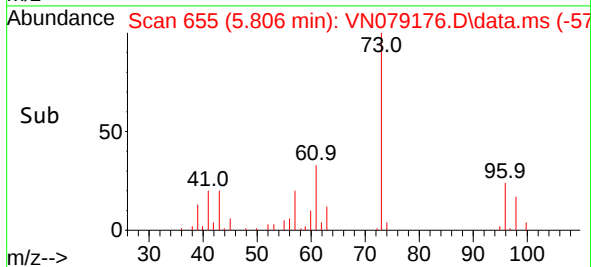
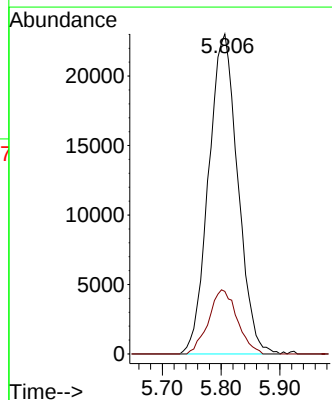
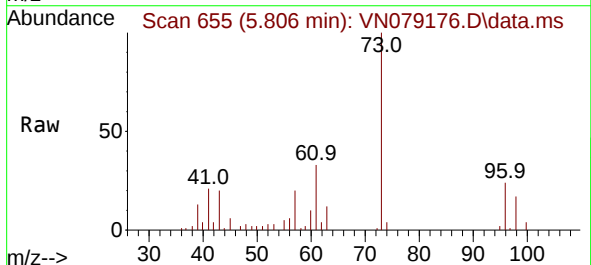
Manual Integrations
APPROVED

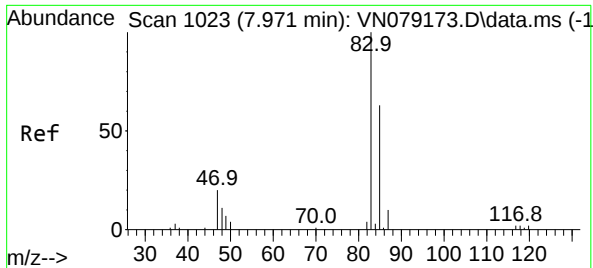
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#24
Methyl tert-Butyl Ether
Concen: 17.773 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Tgt Ion: 73 Resp: 79374
Ion Ratio Lower Upper
73 100
43 19.6 14.7 22.1





#25

Chloroform

Concen: 19.495 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079176.D

Acq: 07 Sep 2023 13:27

Instrument :

MSVOA_N

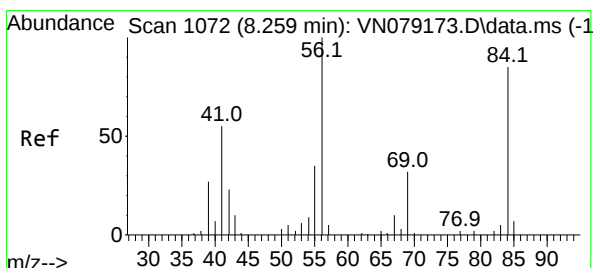
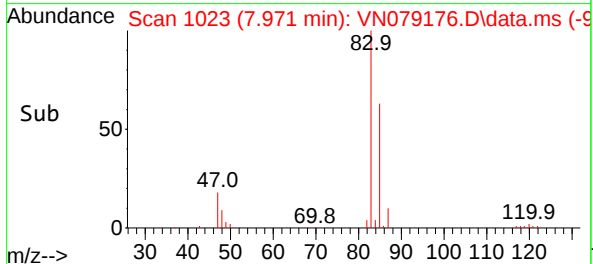
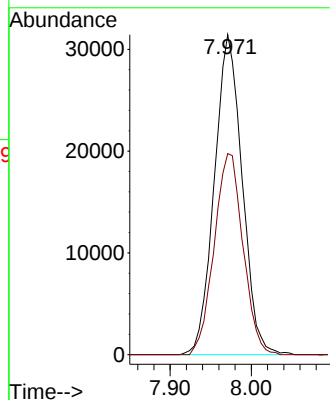
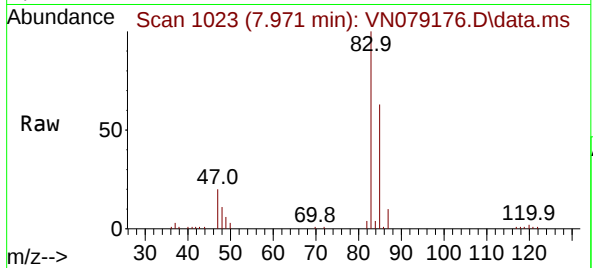
ClientSampleId :

ICVVN090723

Tgt Ion: 83 Resp: 7475
 Ion Ratio Lower Upper
 83 100
 85 62.9 50.6 76.0

Manual Integrations
 APPROVED

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



#26

Cyclohexane

Concen: 19.763 ug/l

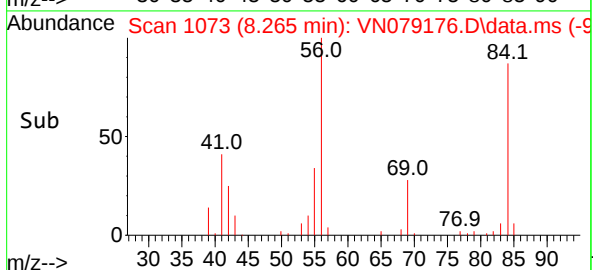
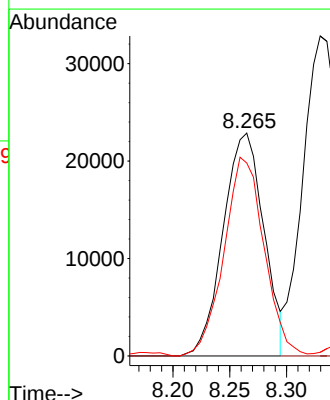
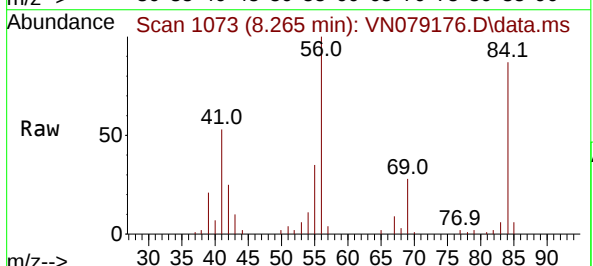
RT: 8.265 min Scan# 1073

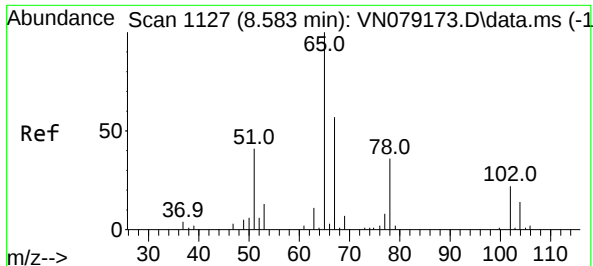
Delta R.T. 0.006 min

Lab File: VN079176.D

Acq: 07 Sep 2023 13:27

Tgt Ion: 56 Resp: 56990
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 87.9 71.1 106.7





#27

1,2-Dichloroethane-d4

Concen: 29.256 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN079176.D

Acq: 07 Sep 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090723

Tgt Ion: 65 Resp: 7071

Ion Ratio Lower Upper

65 100

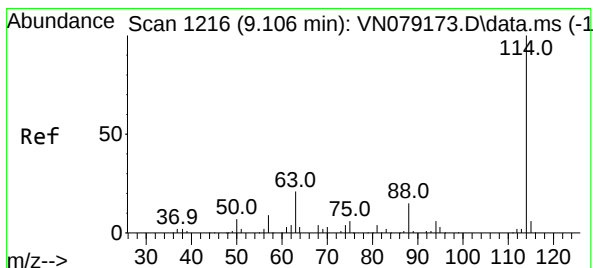
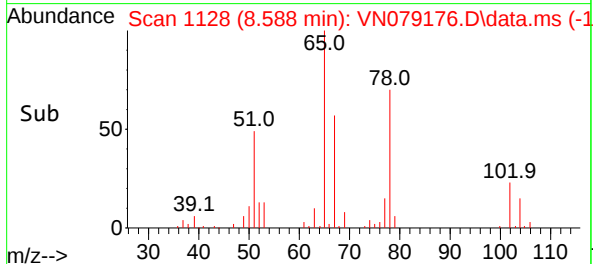
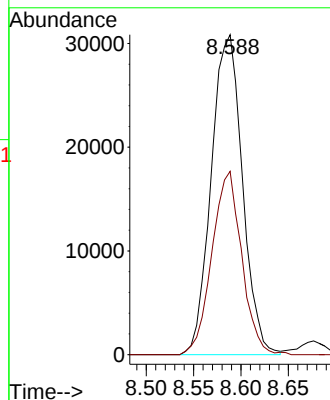
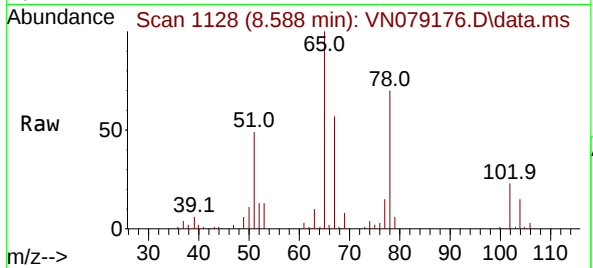
67 54.5 44.4 66.6

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: VN079176.D

Acq: 07 Sep 2023 13:27

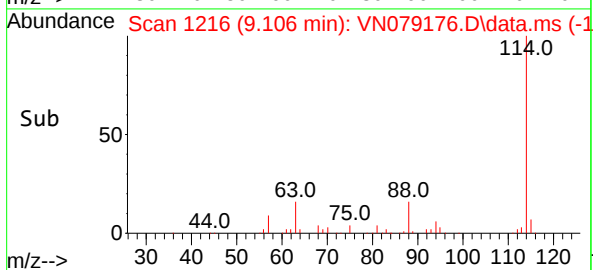
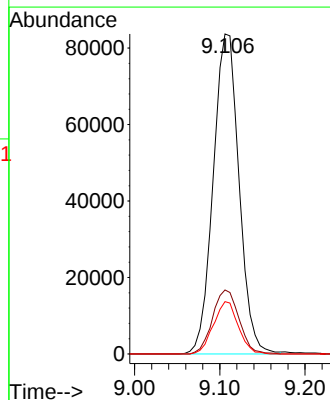
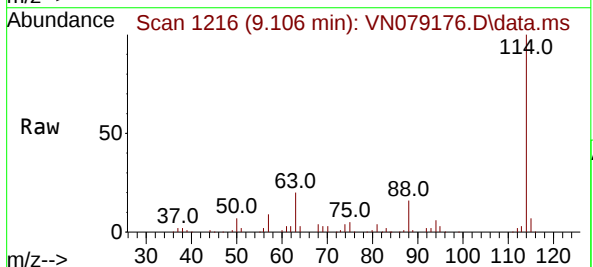
Tgt Ion:114 Resp: 176728

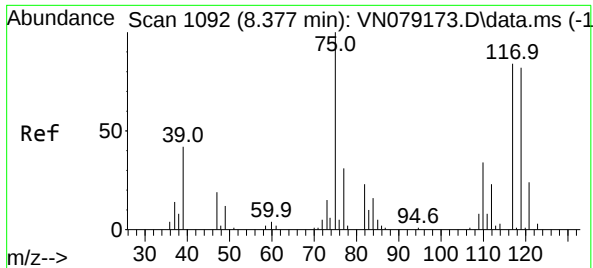
Ion Ratio Lower Upper

114 100

63 20.5 17.0 25.4

88 15.7 12.8 19.2





#29
1,1-Dichloropropene
Concen: 19.241 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

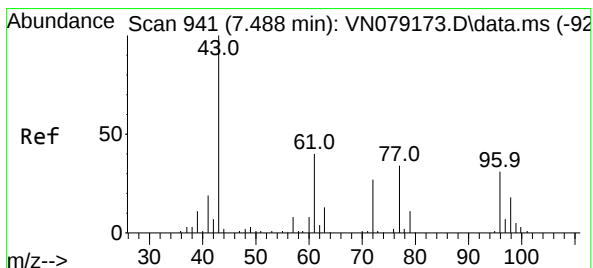
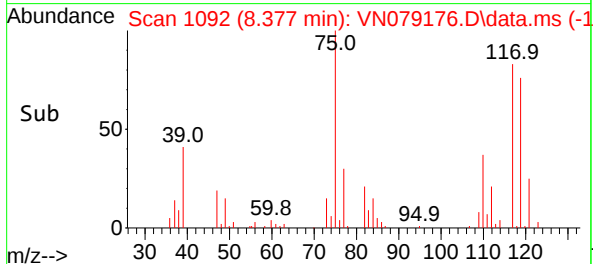
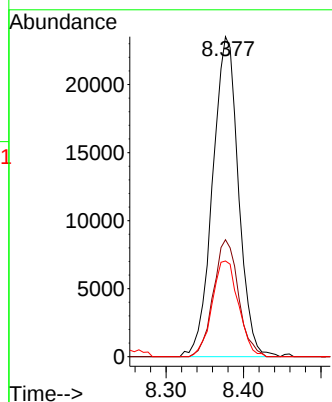
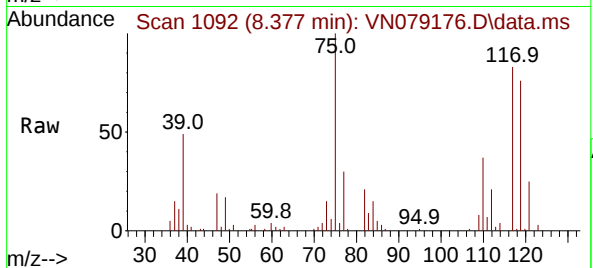
ICVVN090723

Tgt Ion: 75 Resp: 54520
Ion Ratio Lower Upper
75 100
110 35.5 0.0 68.4
77 30.4 0.0 63.2

Manual Integrations

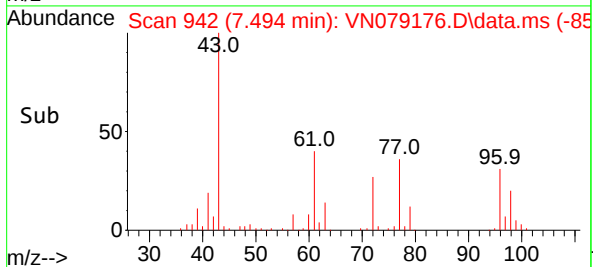
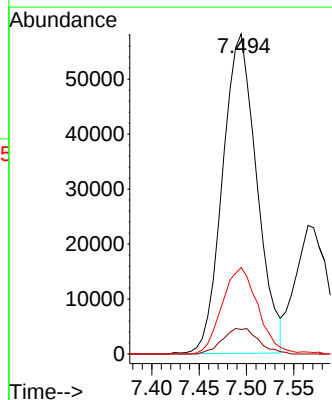
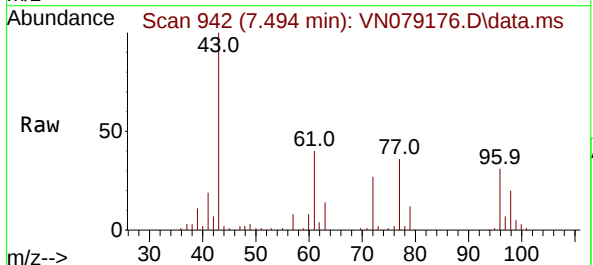
APPROVED

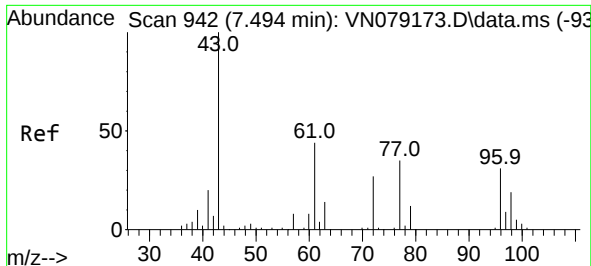
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#30
2-Butanone
Concen: 102.607 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

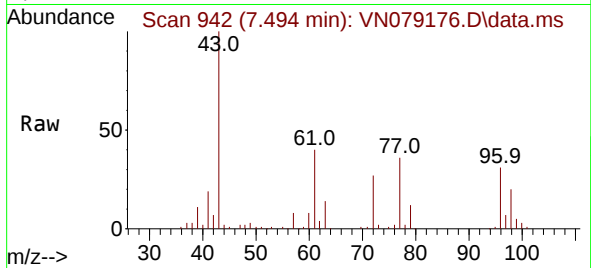
Tgt Ion: 43 Resp: 146235
Ion Ratio Lower Upper
43 100
57 8.4 6.8 10.2
72 28.2 22.4 33.6





#31
2,2-Dichloropropane
Concen: 20.944 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

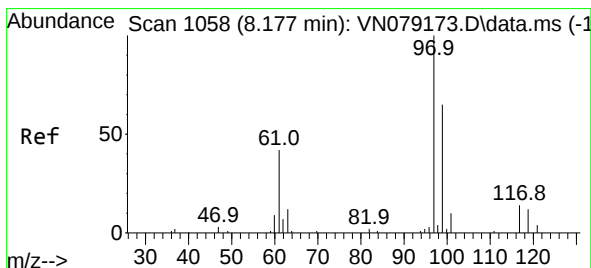
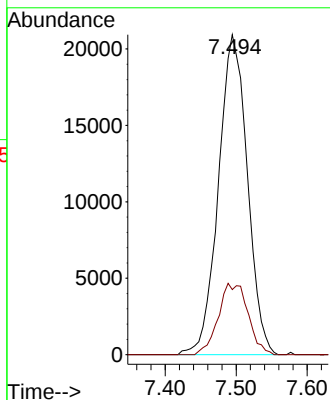
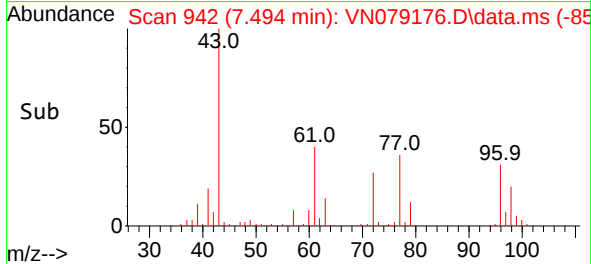
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



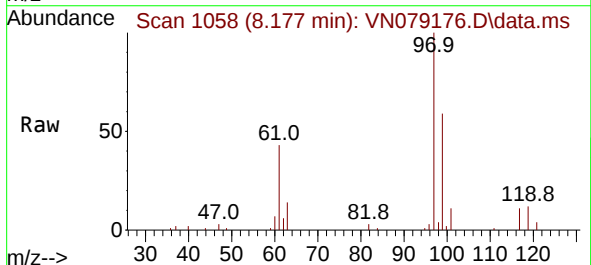
Tgt Ion: 77 Resp: 5919
Ion Ratio Lower Upper
77 100
97 11.9 17.8 26.8

Manual Integrations
APPROVED

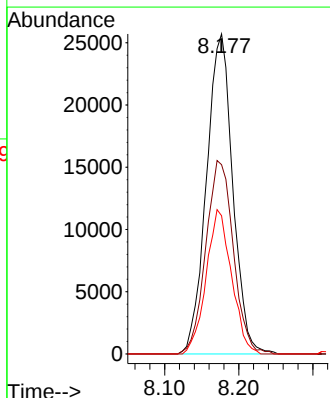
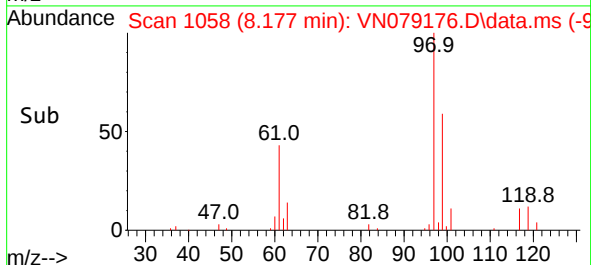
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

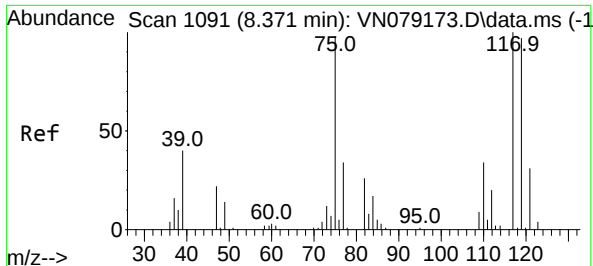


#32
1,1,1-Trichloroethane
Concen: 19.054 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27



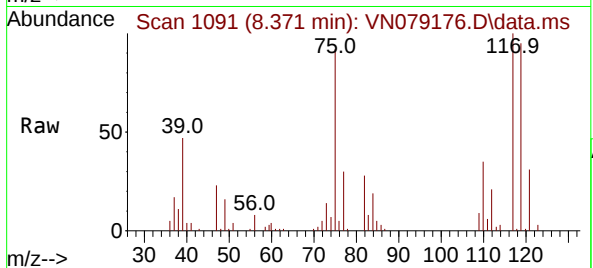
Tgt Ion: 97 Resp: 63606
Ion Ratio Lower Upper
97 100
99 63.1 52.0 78.0
61 43.4 33.4 50.0





#33
Carbon Tetrachloride
Concen: 19.496 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

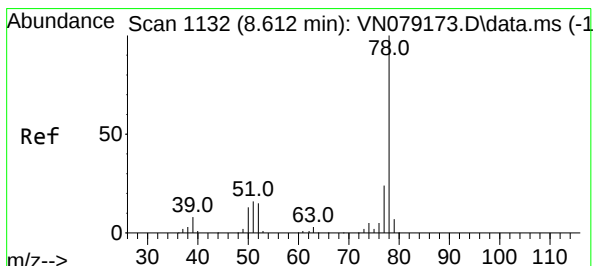
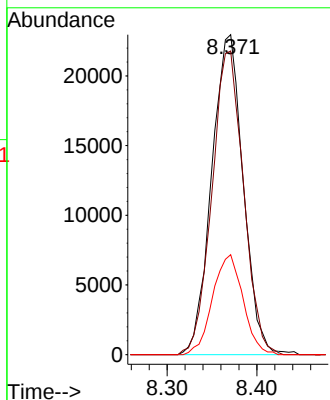
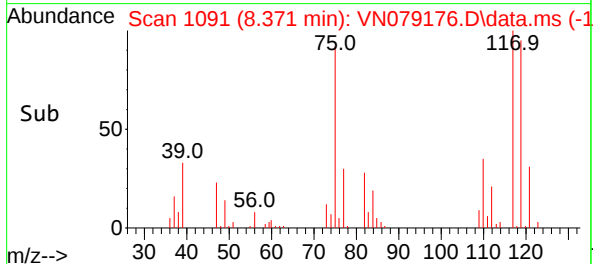
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



Tgt Ion: 117 Resp: 5590
Ion Ratio Lower Upper
117 100
119 94.9 77.9 116.9
121 31.3 25.1 37.7

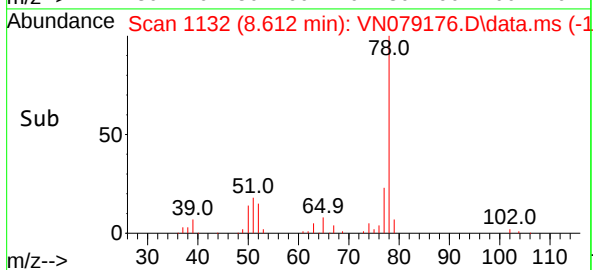
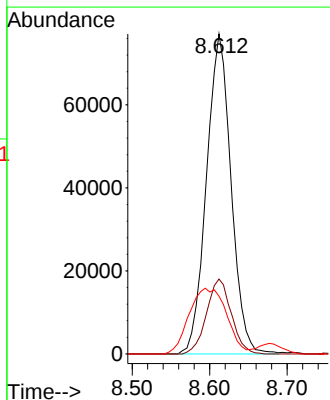
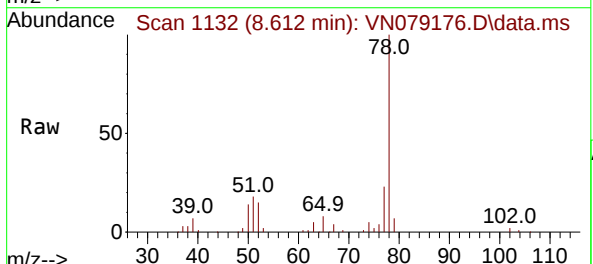
Manual Integrations
APPROVED

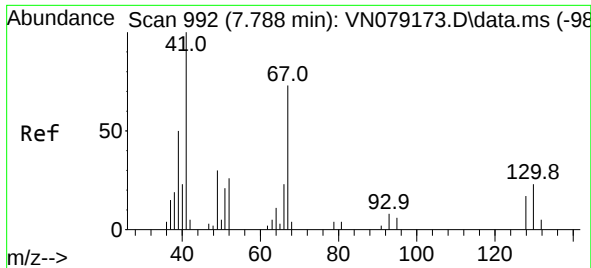
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#34
Benzene
Concen: 18.896 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Tgt Ion: 78 Resp: 170113
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3
51 15.7 13.1 19.7





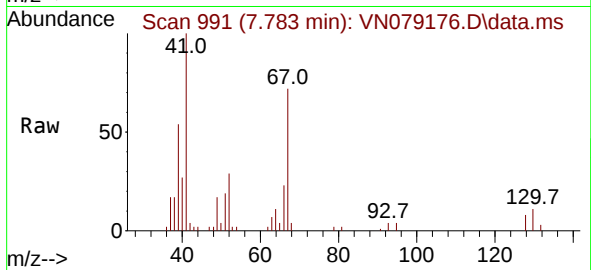
#35
Methacrylonitrile
Concen: 19.316 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090723



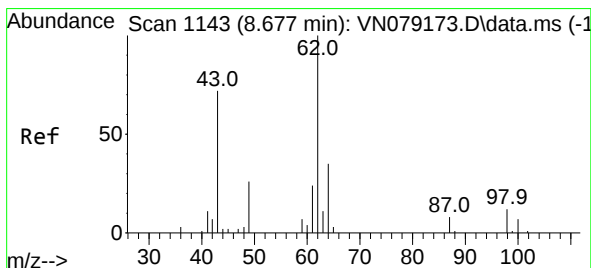
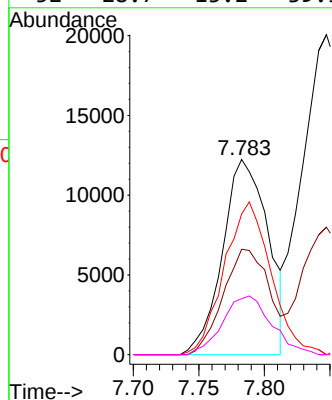
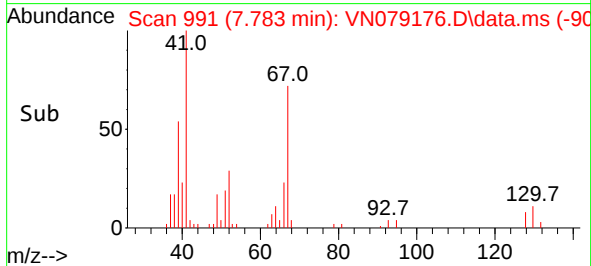
Tgt Ion: 41 Resp: 2964
Ion Ratio Lower Upper
41 100
39 54.0 24.9 74.6
67 72.1 36.7 110.1
52 28.7 13.2 39.5

Manual Integrations

APPROVED

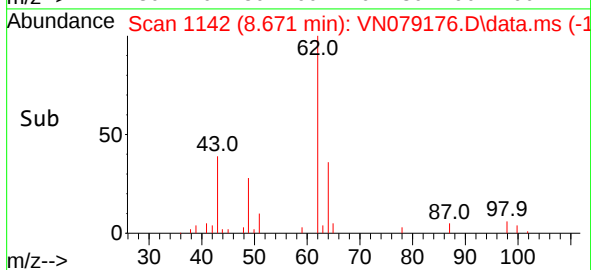
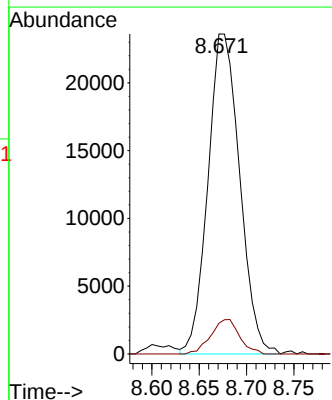
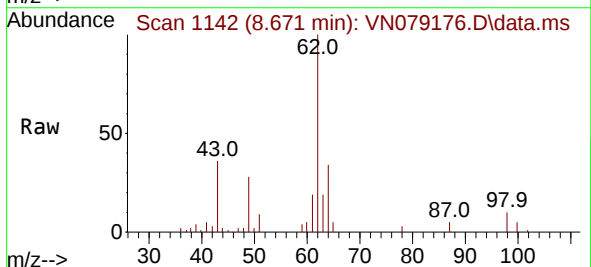
Reviewed By :John Carlone 09/08/2023

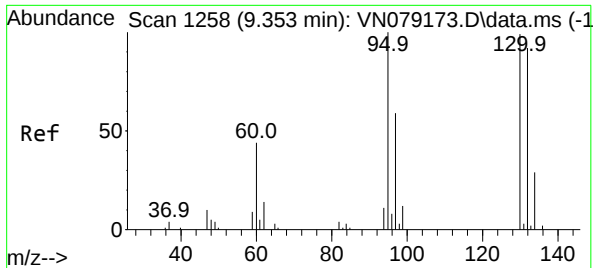
Supervised By :Mahesh Dadoda 09/08/2023



#36
1,2-Dichloroethane
Concen: 18.564 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Tgt Ion: 62 Resp: 55118
Ion Ratio Lower Upper
62 100
98 9.7 8.2 12.2





#37

Trichloroethene

Concen: 19.058 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079176.D

Acq: 07 Sep 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090723

Tgt Ion:130 Resp: 40554

Ion Ratio Lower Upper

130 100

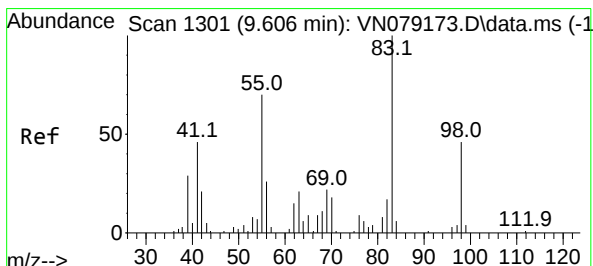
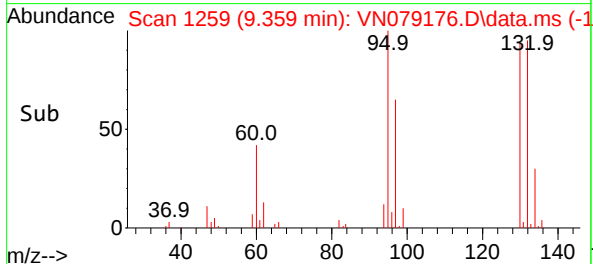
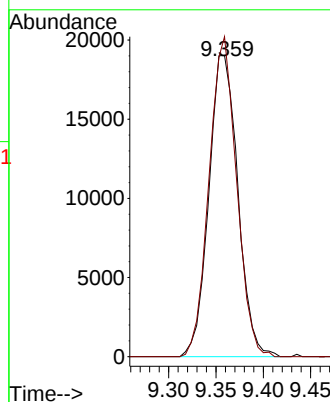
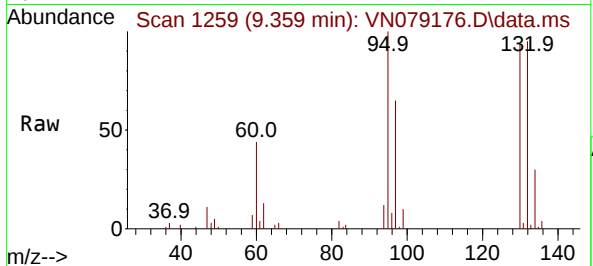
95 106.2 81.0 121.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#38

Methylcyclohexane

Concen: 19.477 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN079176.D

Acq: 07 Sep 2023 13:27

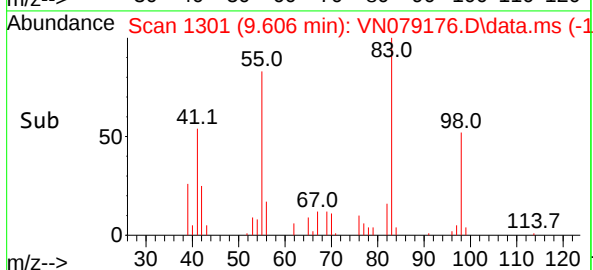
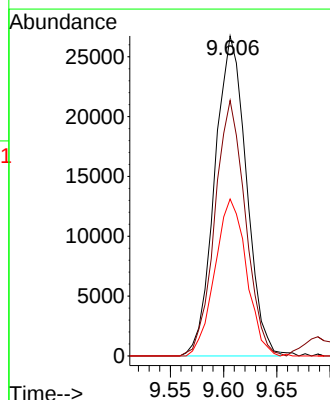
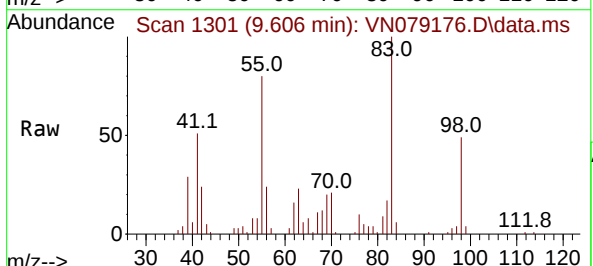
Tgt Ion: 83 Resp: 55172

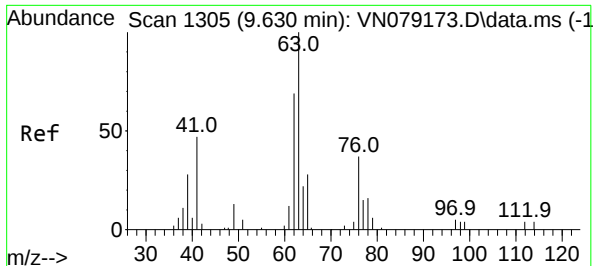
Ion Ratio Lower Upper

83 100

55 77.1 39.1 117.2

98 49.0 24.1 72.4





#39

1,2-Dichloropropane

Concen: 19.199 ug/l

RT: 9.630 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079176.D

Acq: 07 Sep 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090723

Tgt Ion: 63 Resp: 4458

Ion Ratio Lower Upper

63 100

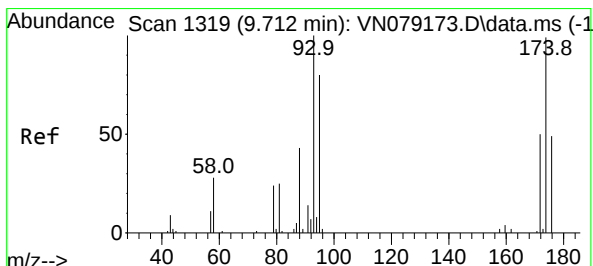
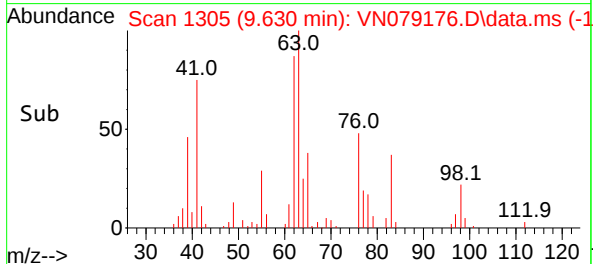
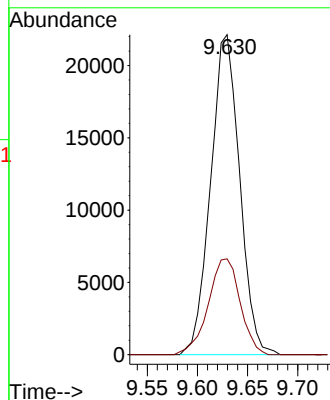
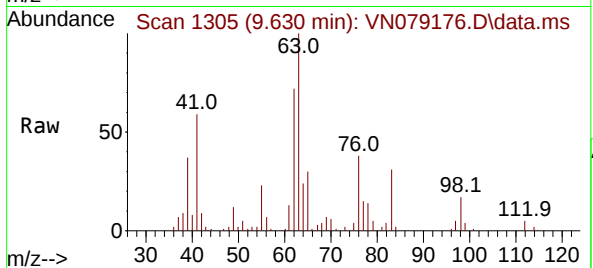
65 29.9 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#40

Dibromomethane

Concen: 19.050 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN079176.D

Acq: 07 Sep 2023 13:27

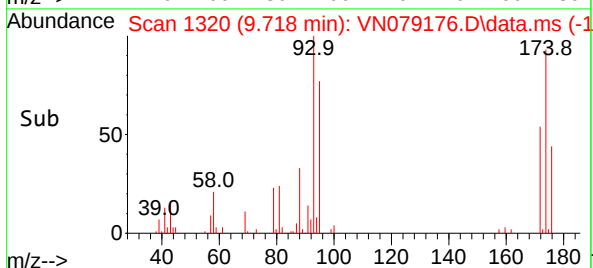
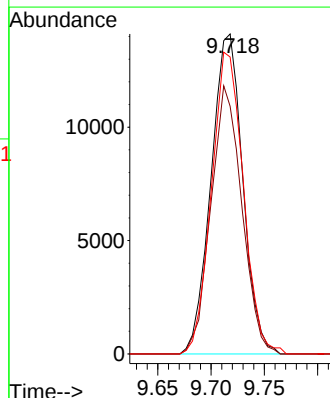
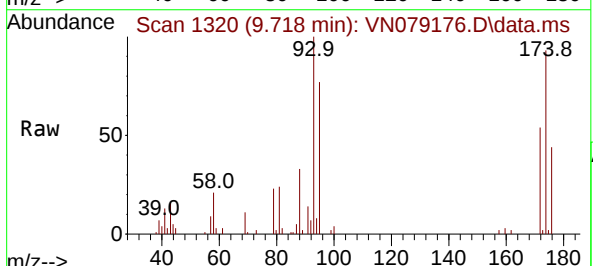
Tgt Ion: 93 Resp: 29173

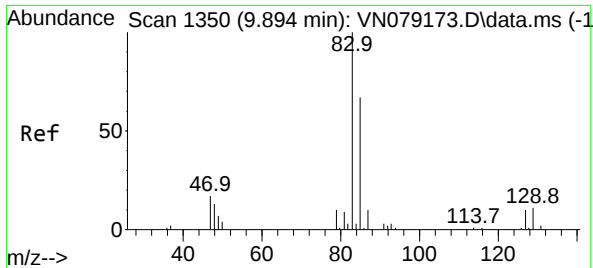
Ion Ratio Lower Upper

93 100

95 81.8 0.0 172.4

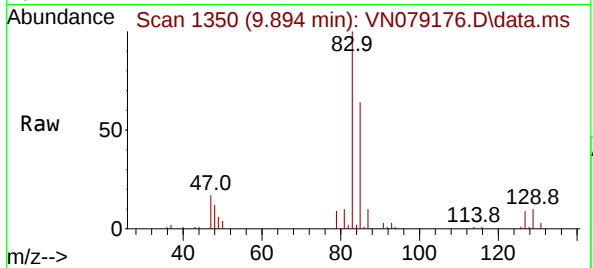
174 94.5 0.0 192.4





#41
Bromodichloromethane
Concen: 19.192 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

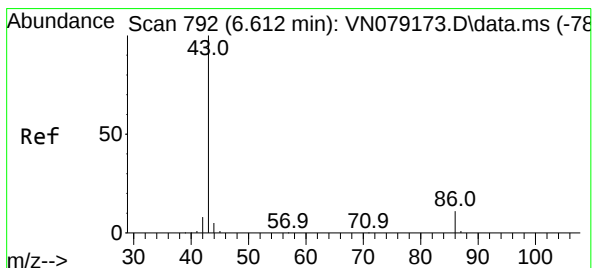
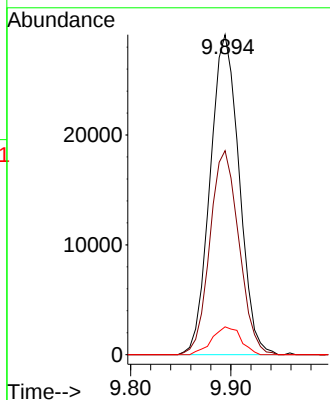
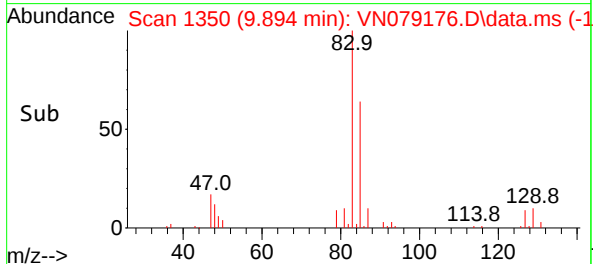
Instrument : MSVOA_N
ClientSampleId : ICVVN090723



Tgt Ion: 83 Resp: 5858
Ion Ratio Lower Upper
83 100
85 63.7 53.4 80.2
127 8.7 8.3 12.5

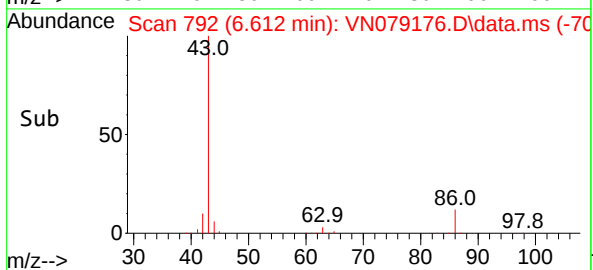
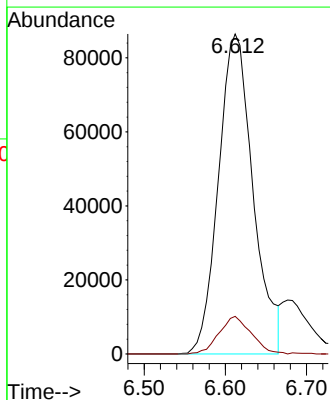
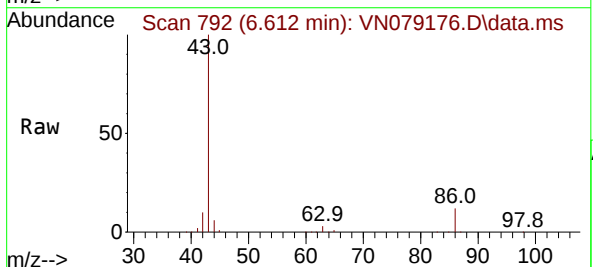
Manual Integrations
APPROVED

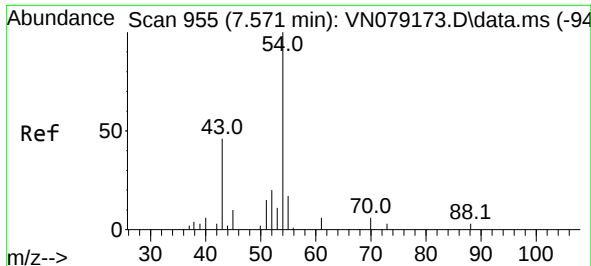
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#42
Vinyl Acetate
Concen: 75.787 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

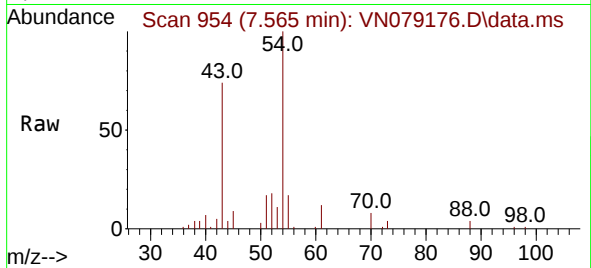
Tgt Ion: 43 Resp: 256513
Ion Ratio Lower Upper
43 100
86 10.9 9.2 13.8





#43
Ethyl Acetate
Concen: 21.052 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

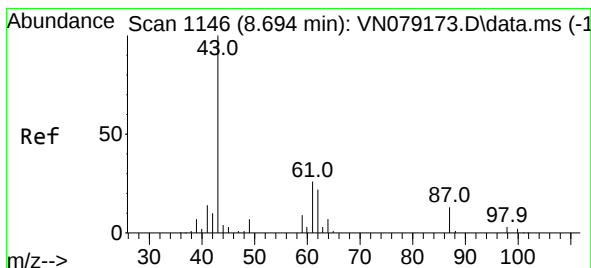
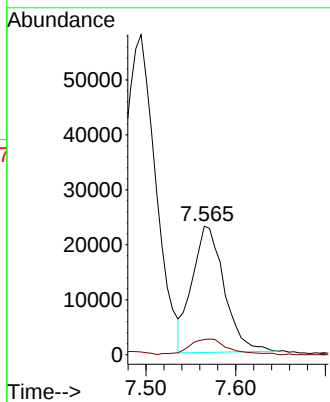
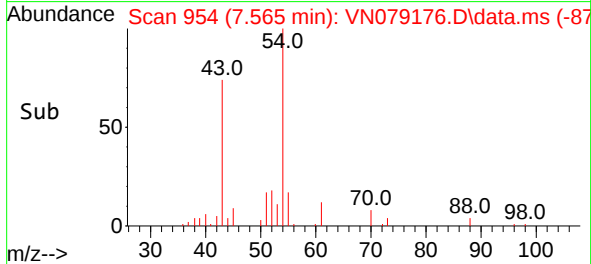
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



Tgt Ion: 43 Resp: 5698
Ion Ratio Lower Upper
43 100
45 14.3 11.1 16.7

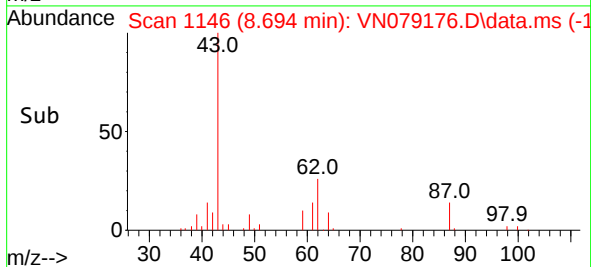
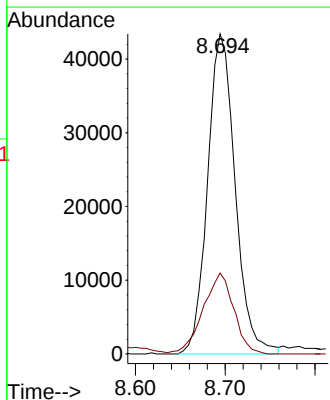
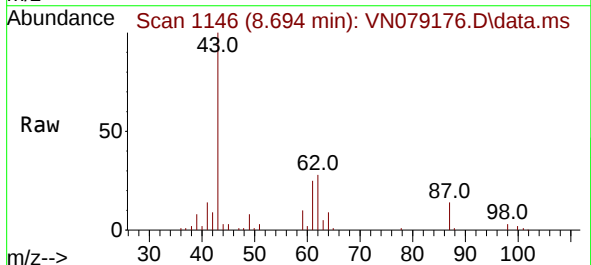
Manual Integrations
APPROVED

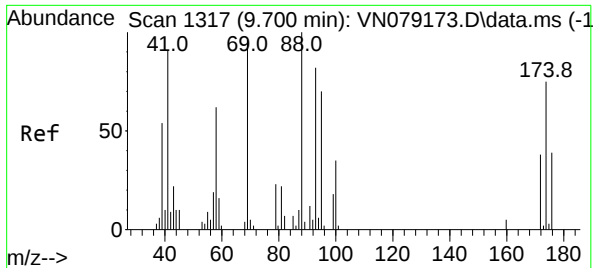
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#44
Isopropyl Acetate
Concen: 19.068 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

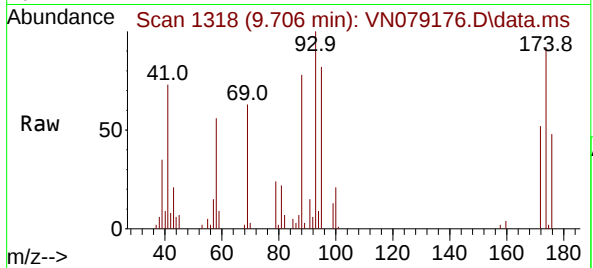
Tgt Ion: 43 Resp: 92844
Ion Ratio Lower Upper
43 100
61 28.1 22.6 33.8





#45
1,4-Dioxane
Concen: 392.311 ug/l
RT: 9.706 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

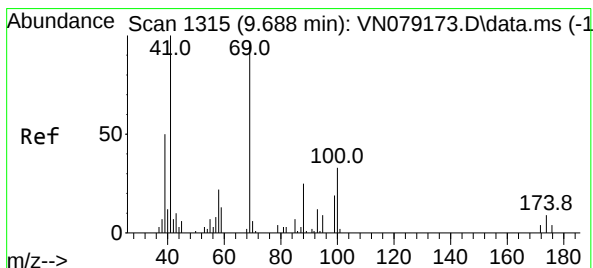
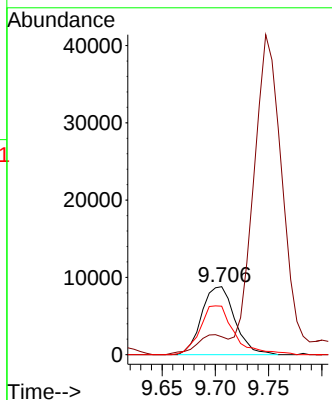
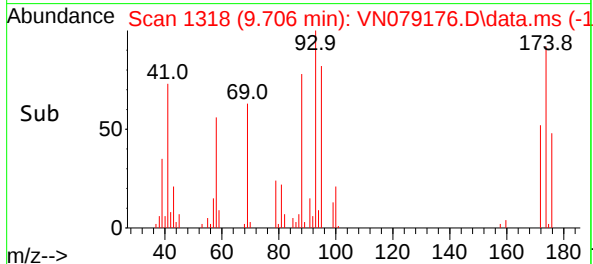
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



Tgt Ion: 88 Resp: 19014
Ion Ratio Lower Upper
88 100
43 27.0 19.9 29.9
58 74.1 58.0 87.0

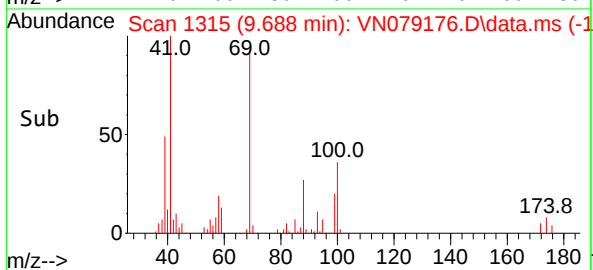
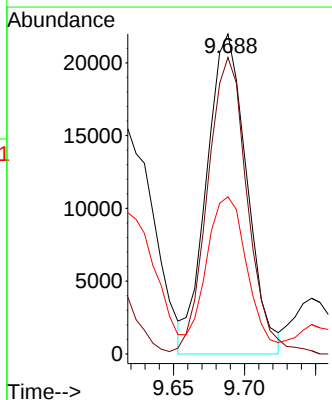
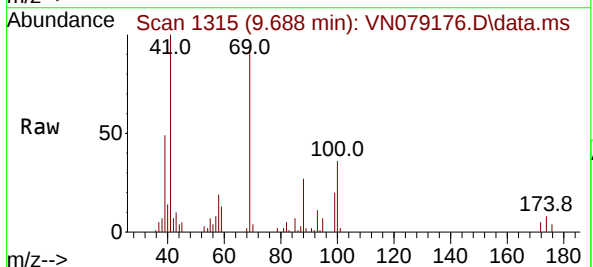
Manual Integrations
APPROVED

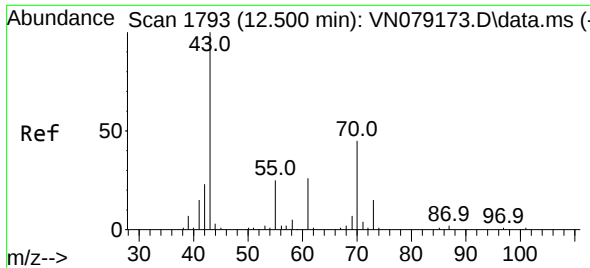
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#46
Methyl methacrylate
Concen: 19.872 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

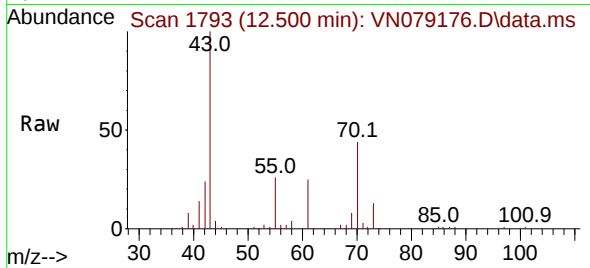
Tgt Ion: 41 Resp: 43229
Ion Ratio Lower Upper
41 100
69 97.3 48.1 144.3
39 48.8 25.8 77.3





#47
n-amy1 Acetate
Concen: 19.829 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

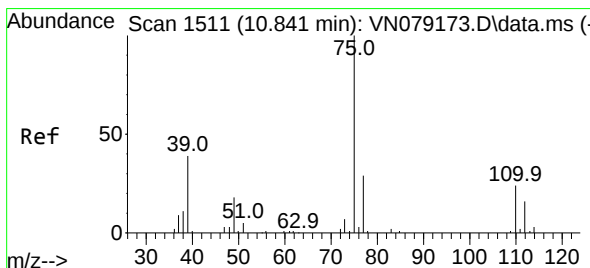
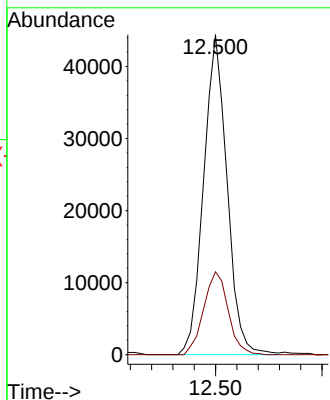
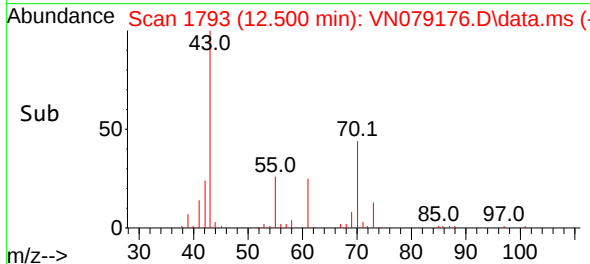
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



Tgt Ion: 43 Resp: 6790
Ion Ratio Lower Upper
43 100
55 27.1 20.5 30.7

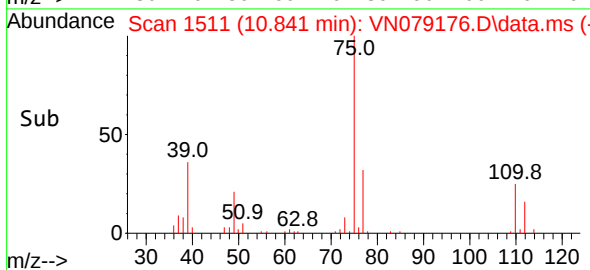
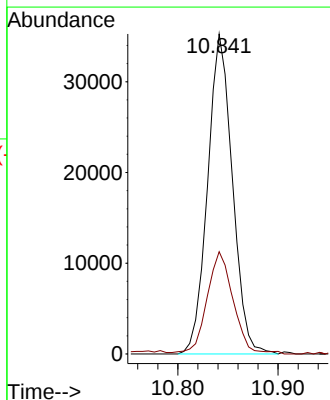
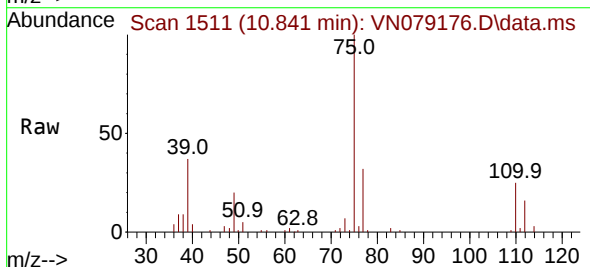
Manual Integrations
APPROVED

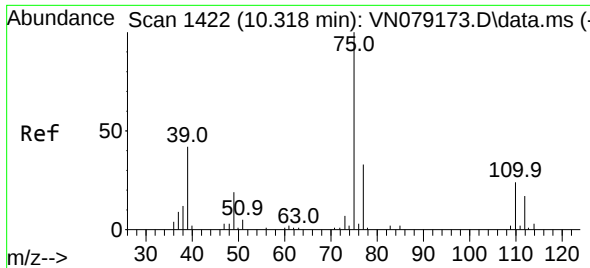
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#48
t-1,3-Dichloropropene
Concen: 18.352 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Tgt Ion: 75 Resp: 60611
Ion Ratio Lower Upper
75 100
77 31.2 22.9 34.3





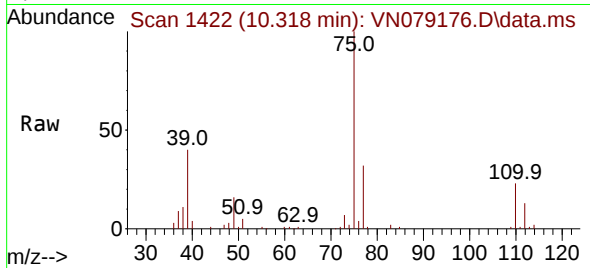
#49
 cis-1,3-Dichloropropene
 Concen: 19.805 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079176.D
 Acq: 07 Sep 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090723



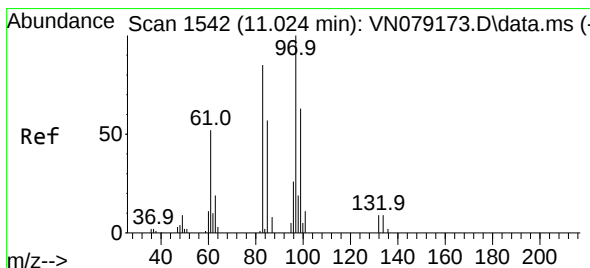
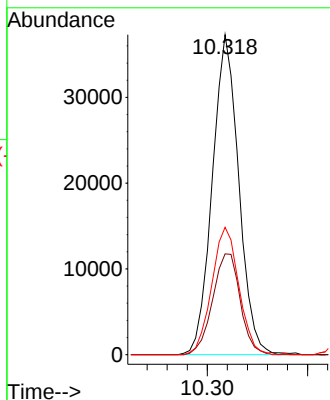
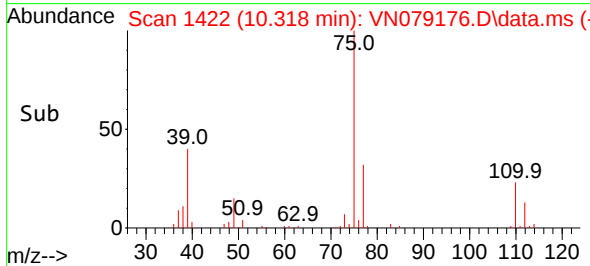
Tgt Ion: 75 Resp: 68228
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.2 39.2
 39 39.8 33.8 50.8

Manual Integrations

APPROVED

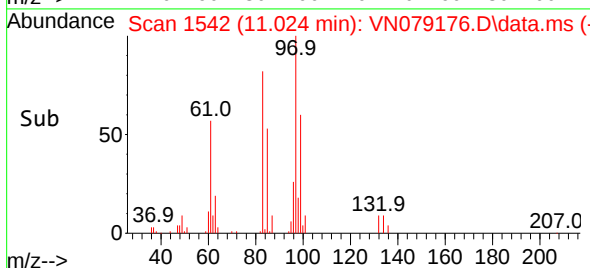
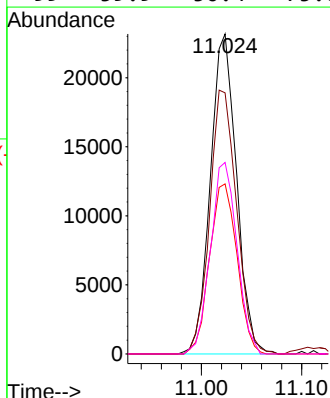
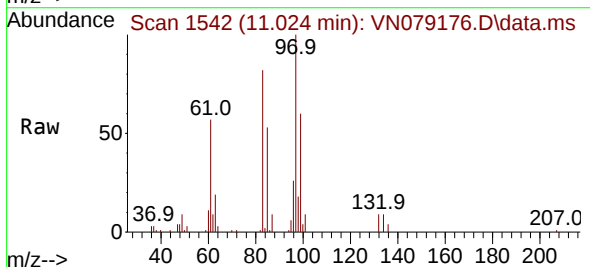
Reviewed By :John Carlone 09/08/2023

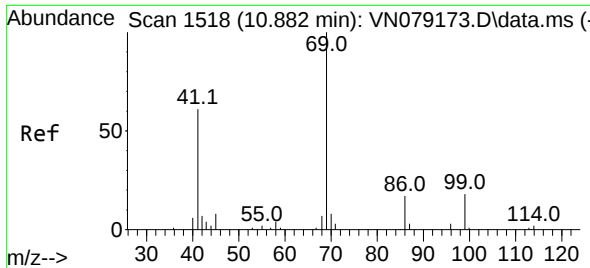
Supervised By :Mahesh Dadoda 09/08/2023



#50
 1,1,2-Trichloroethane
 Concen: 19.529 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. -0.000 min
 Lab File: VN079176.D
 Acq: 07 Sep 2023 13:27

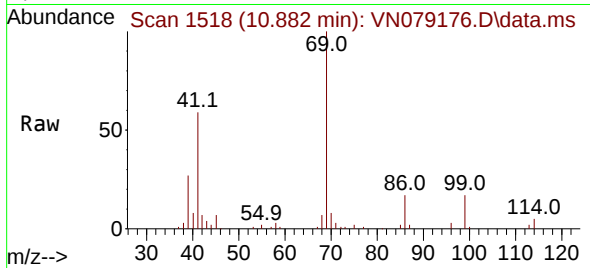
Tgt Ion: 97 Resp: 41957
 Ion Ratio Lower Upper
 97 100
 83 81.6 68.9 103.3
 85 53.2 45.3 67.9
 99 59.9 50.4 75.6





#51
Ethyl methacrylate
Concen: 19.111 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

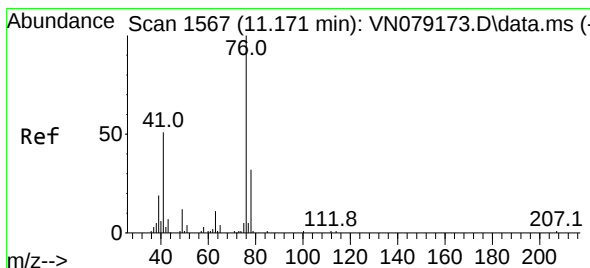
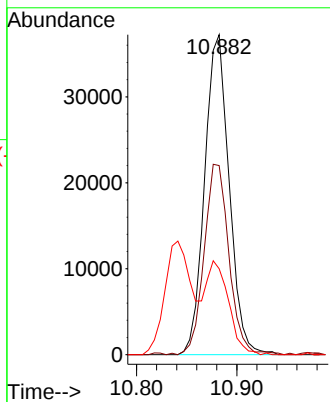
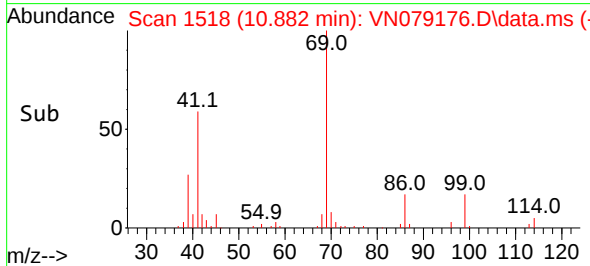
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



Tgt Ion: 69 Resp: 63410
Ion Ratio Lower Upper
69 100
41 59.1 30.3 90.9
39 26.8 13.4 40.1

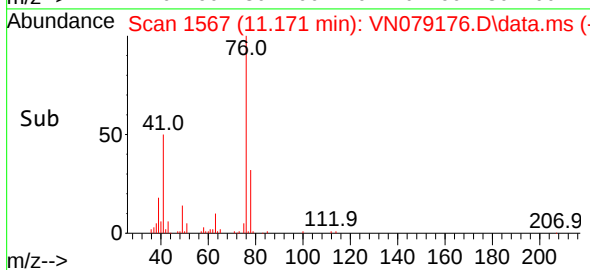
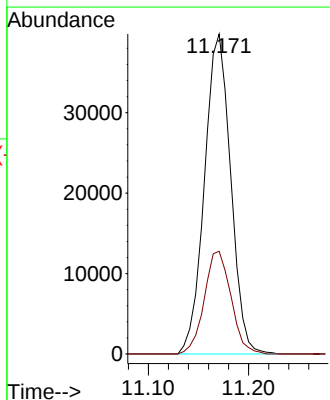
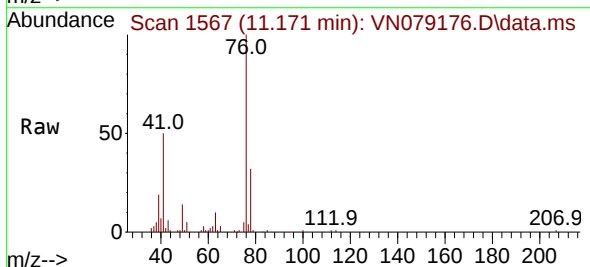
Manual Integrations
APPROVED

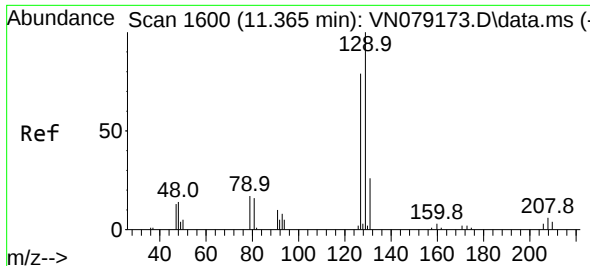
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#52
1,3-Dichloropropane
Concen: 19.737 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

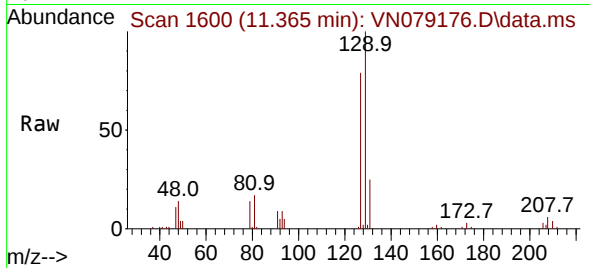
Tgt Ion: 76 Resp: 72392
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.2





#53
Dibromochloromethane
Concen: 19.456 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

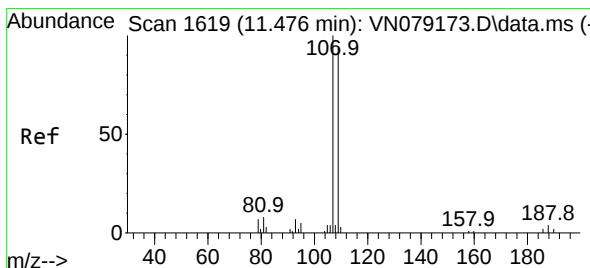
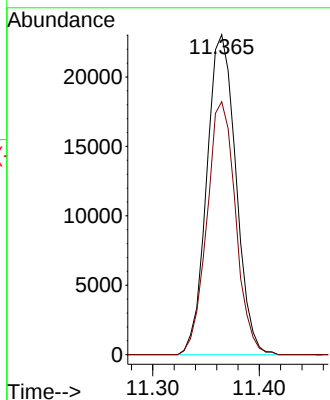
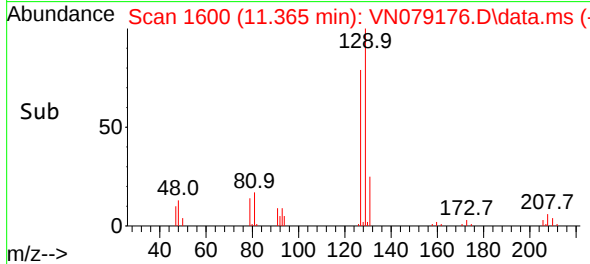
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



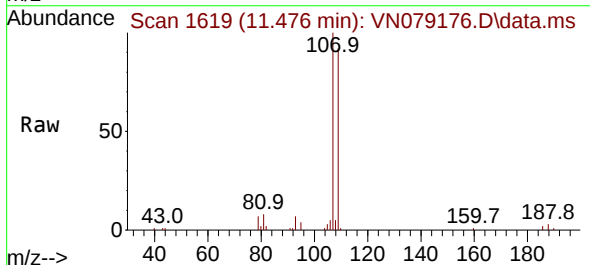
Tgt Ion:129 Resp: 4384
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1

Manual Integrations
APPROVED

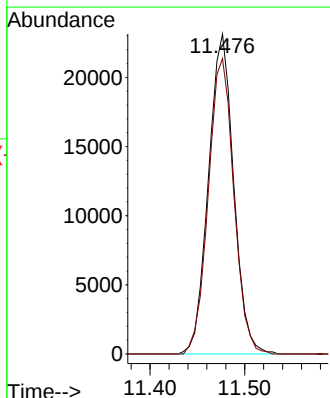
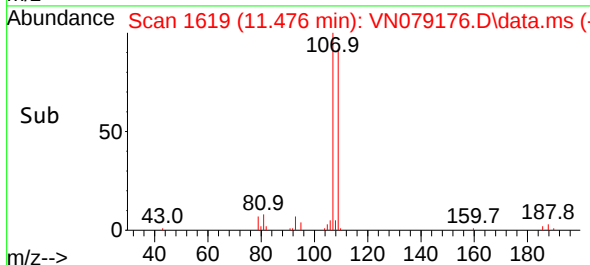
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

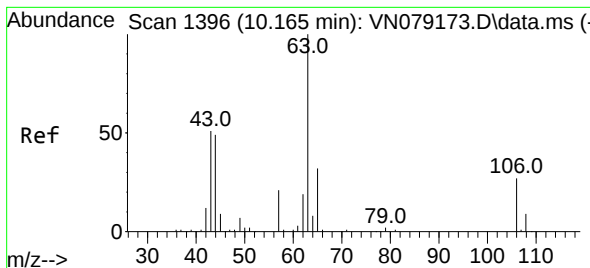


#54
1,2-Dibromoethane
Concen: 19.586 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27



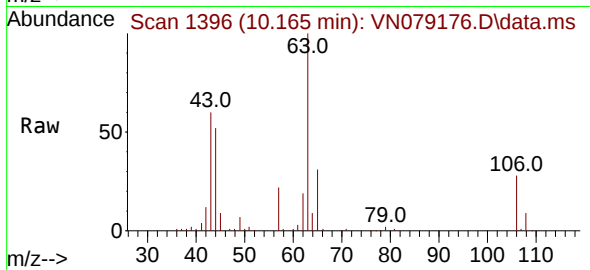
Tgt Ion:107 Resp: 42730
Ion Ratio Lower Upper
107 100
109 93.6 76.4 114.6





#55
2-Chloroethyl vinyl ether
Concen: 101.545 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

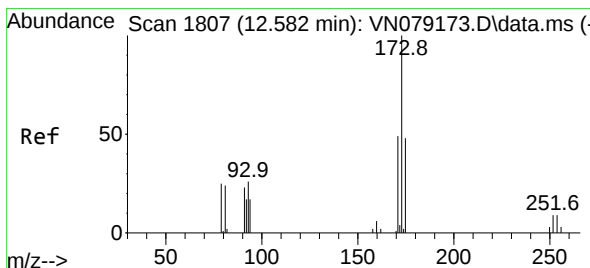
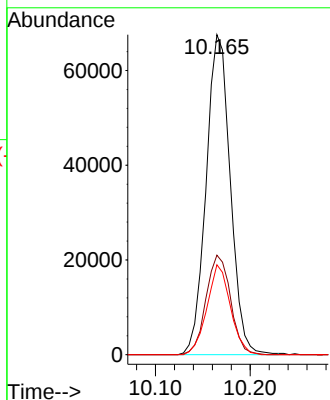
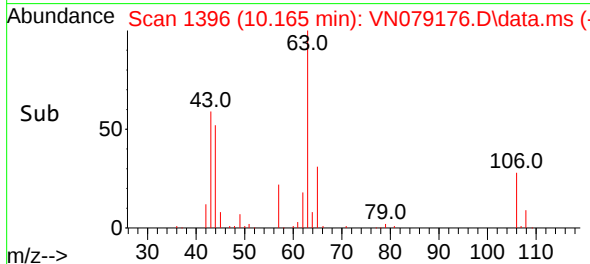
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



Tgt Ion: 63 Resp: 119710
Ion Ratio Lower Upper
63 100
65 31.5 25.7 38.5
106 27.2 21.9 32.9

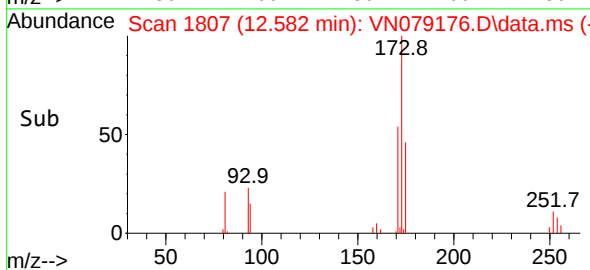
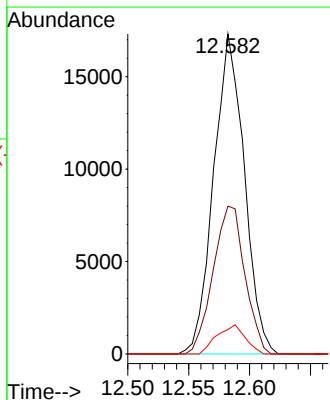
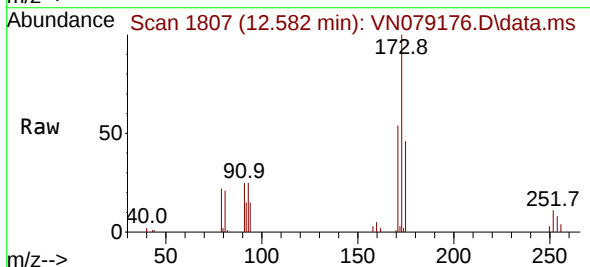
Manual Integrations
APPROVED

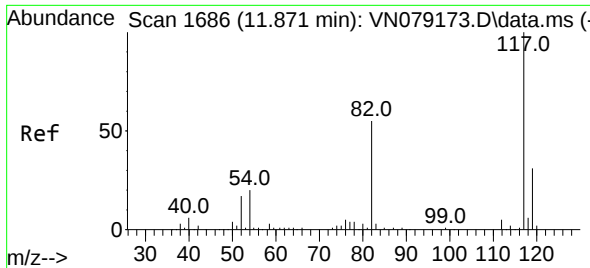
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#56
Bromoform
Concen: 19.286 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

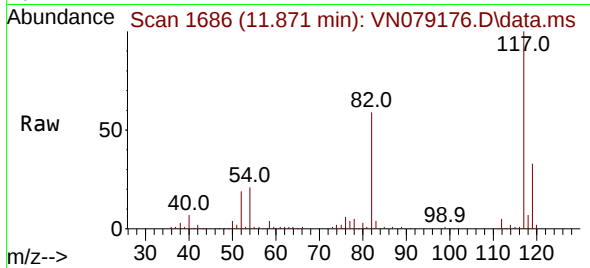
Tgt Ion:173 Resp: 30281
Ion Ratio Lower Upper
173 100
175 47.8 37.6 56.4
254 8.4 7.8 11.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

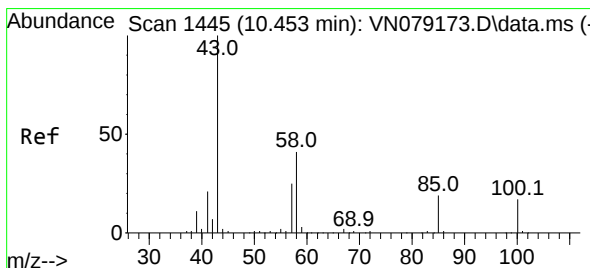
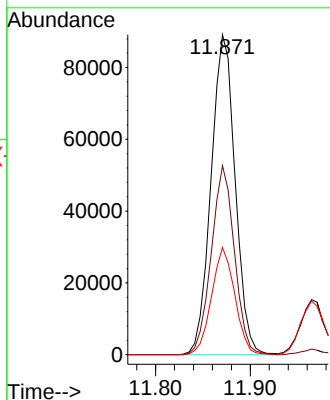
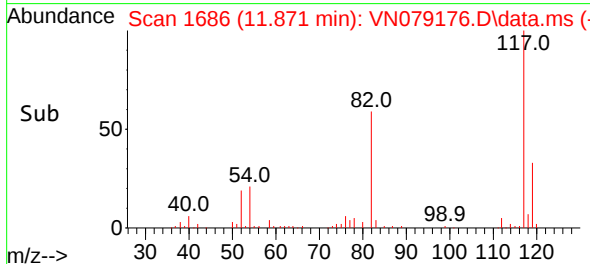
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



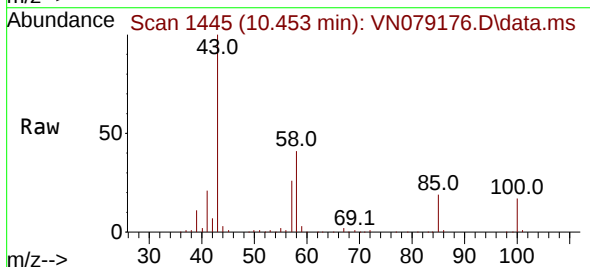
Tgt Ion:117 Resp: 157439
Ion Ratio Lower Upper
117 100
82 56.7 44.7 67.1
119 32.3 24.9 37.3

Manual Integrations
APPROVED

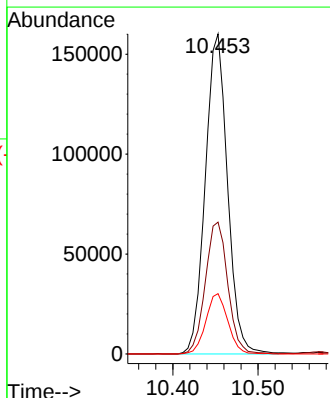
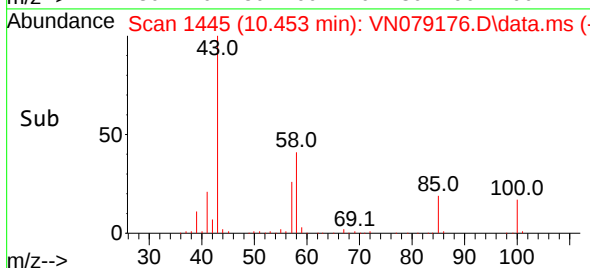
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

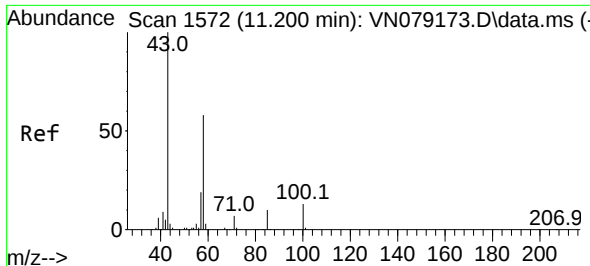


#58
4-Methyl-2-Pentanone
Concen: 100.458 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27



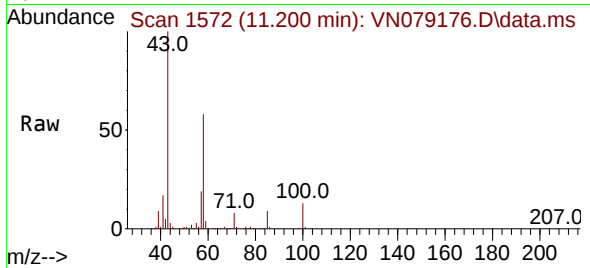
Tgt Ion: 43 Resp: 290232
Ion Ratio Lower Upper
43 100
58 41.7 33.6 50.4
85 18.7 15.0 22.4





#59
2-Hexanone
Concen: 104.460 ug/l
RT: 11.200 min Scan# 11194
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

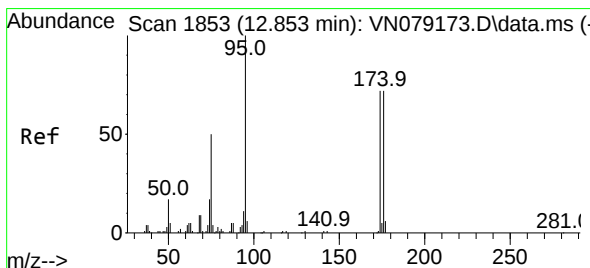
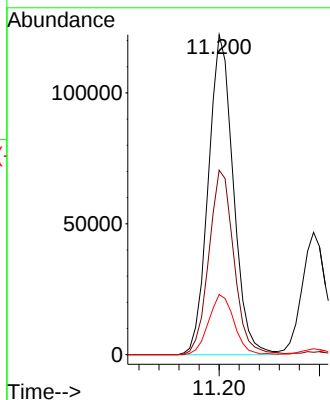
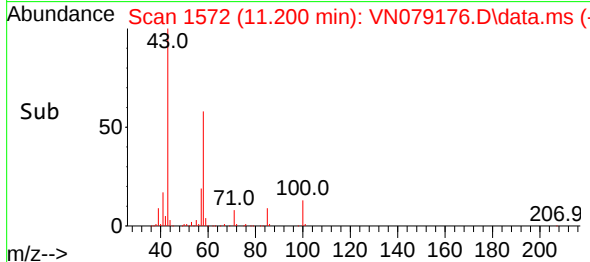
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



Tgt Ion: 43 Resp: 21194
Ion Ratio Lower Upper
43 100
58 57.7 46.4 69.6
57 19.0 15.3 22.9

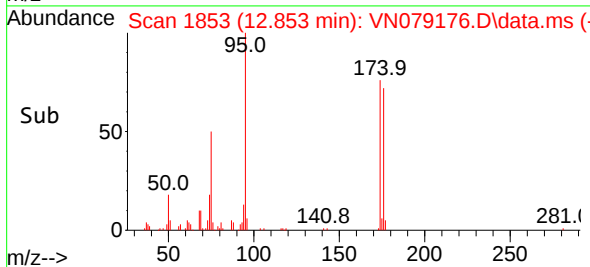
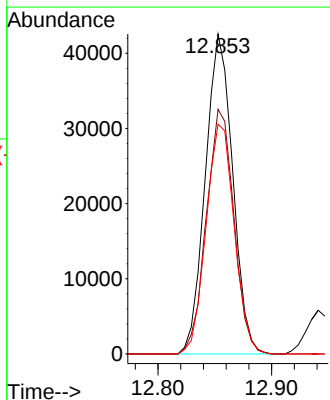
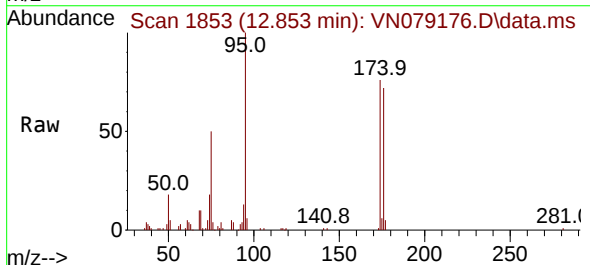
Manual Integrations
APPROVED

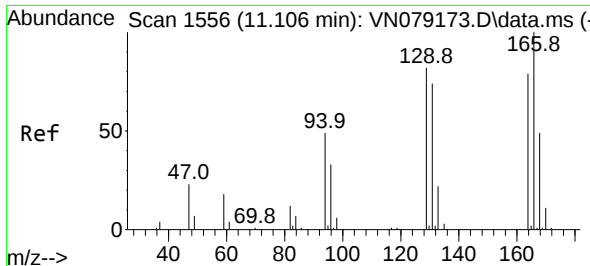
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#60
4-Bromofluorobenzene
Concen: 30.708 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

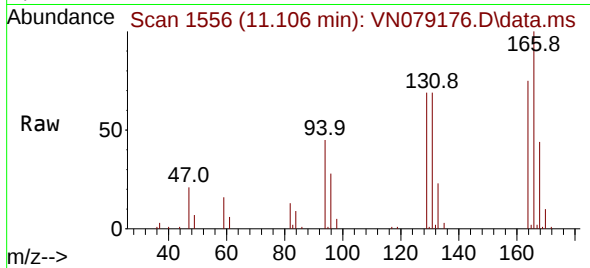
Tgt Ion: 95 Resp: 71237
Ion Ratio Lower Upper
95 100
174 77.2 59.5 89.3
176 73.9 59.1 88.7





#61
Tetrachloroethene
Concen: 20.106 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

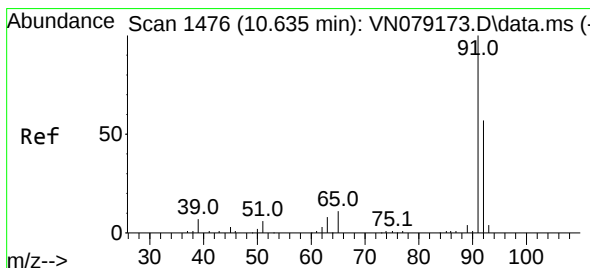
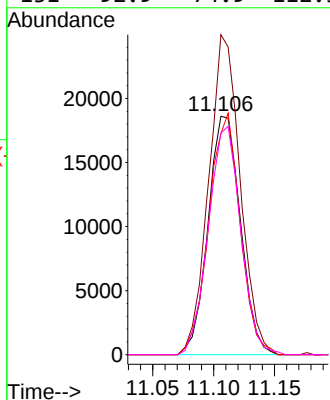
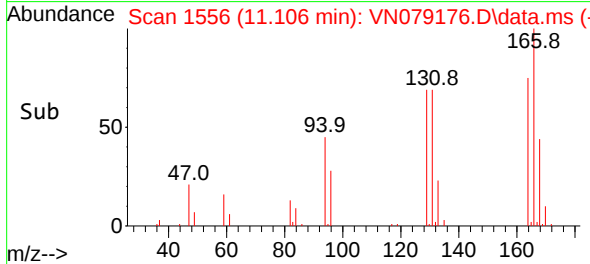
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



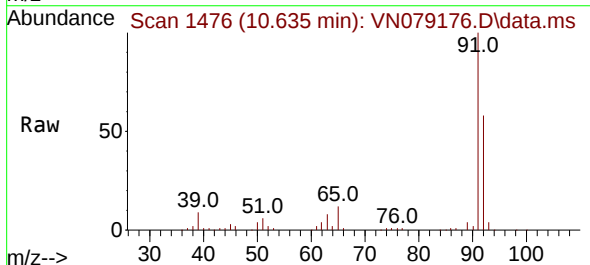
Tgt Ion:164 Resp: 3444
Ion Ratio Lower Upper
164 100
166 134.2 101.9 152.9
129 92.8 83.4 125.0
131 92.9 74.9 112.3

Manual Integrations
APPROVED

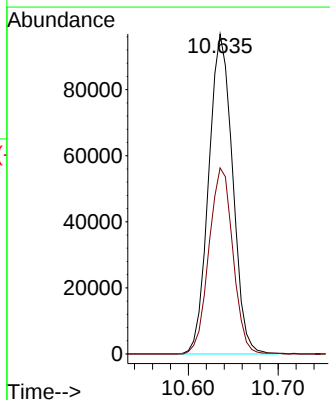
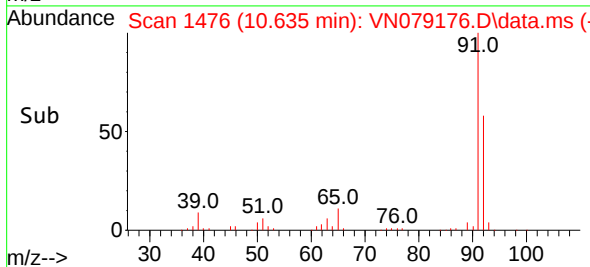
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

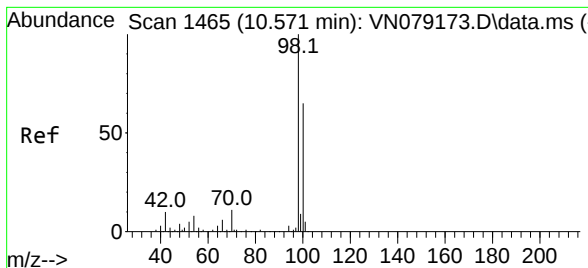


#62
Toluene
Concen: 19.522 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27



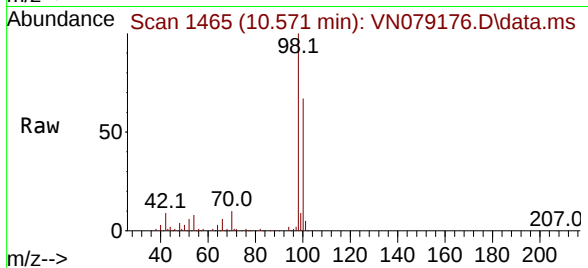
Tgt Ion: 91 Resp: 178955
Ion Ratio Lower Upper
91 100
92 58.4 45.7 68.5





#63
Toluene-d8
Concen: 30.286 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

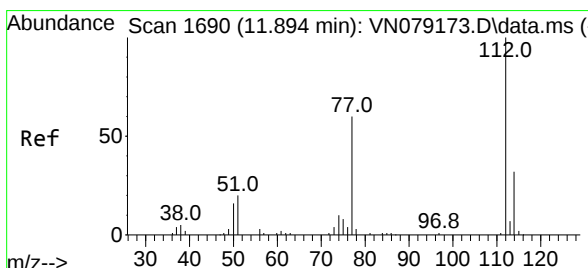
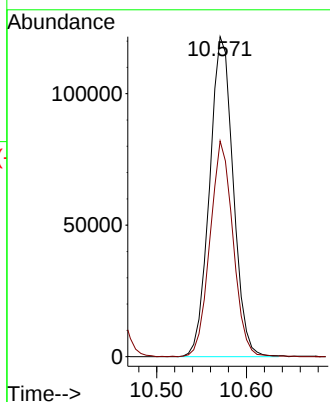
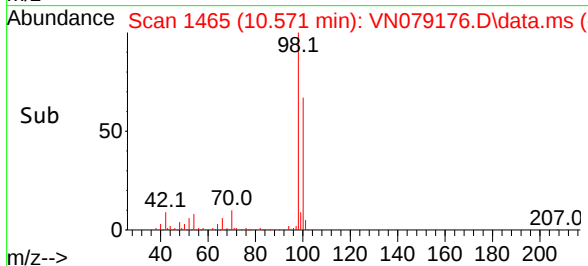
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



Tgt Ion: 98 Resp: 222836
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

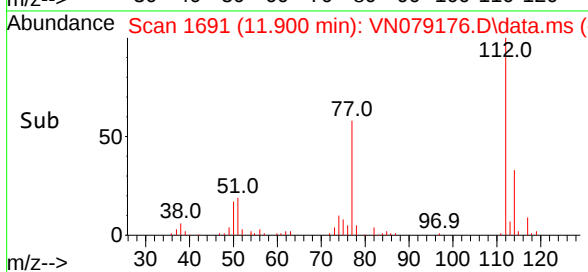
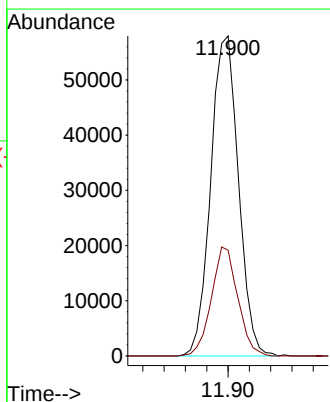
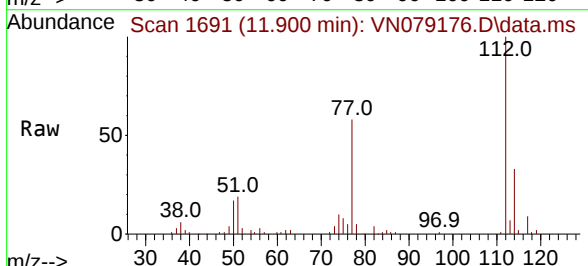
Manual Integrations
APPROVED

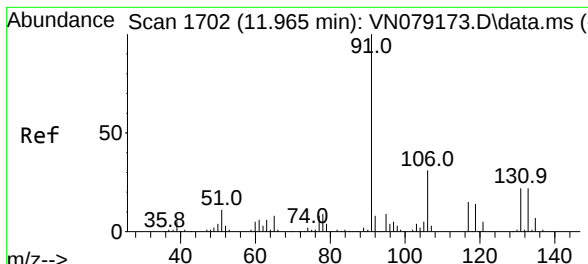
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#64
Chlorobenzene
Concen: 19.585 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Tgt Ion:112 Resp: 104735
Ion Ratio Lower Upper
112 100
114 33.1 25.6 38.4





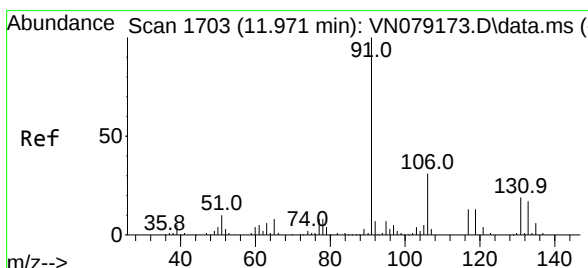
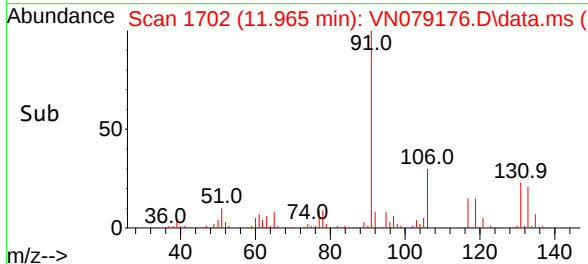
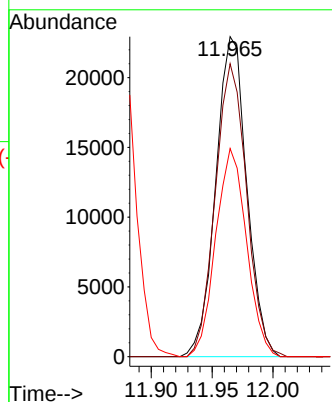
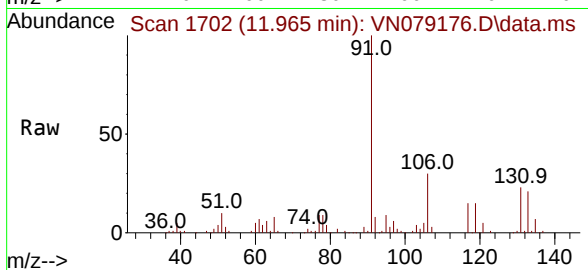
#65
1,1,1,2-Tetrachloroethane
Concen: 19.884 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723

Tgt Ion:131 Resp: 40709
Ion Ratio Lower Upper
131 100
133 92.2 0.0 193.0
119 64.5 0.0 131.2

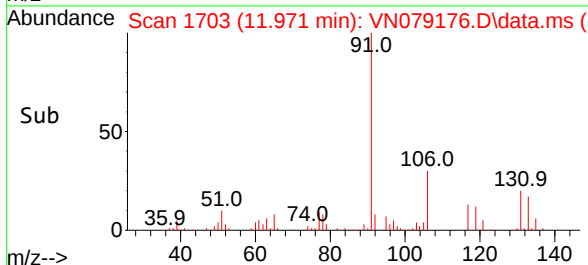
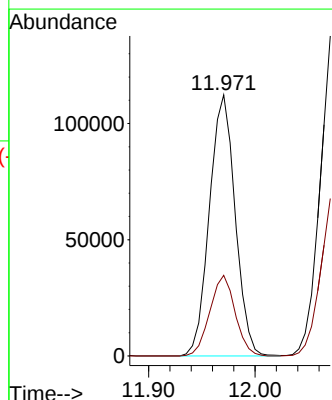
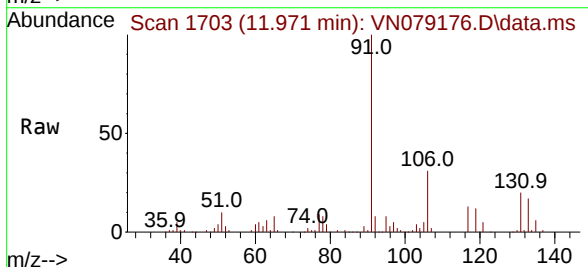
Manual Integrations
APPROVED

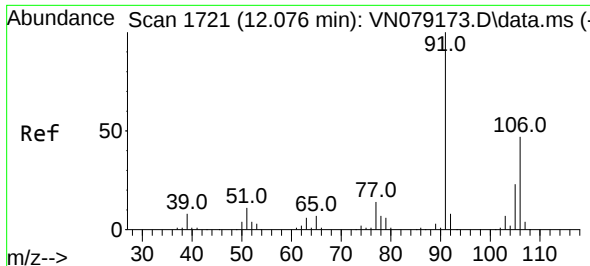
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#66
Ethyl Benzene
Concen: 20.417 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Tgt Ion: 91 Resp: 188447
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6





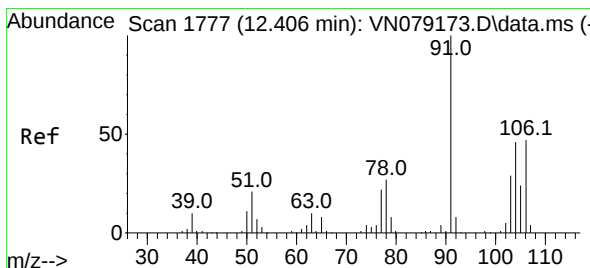
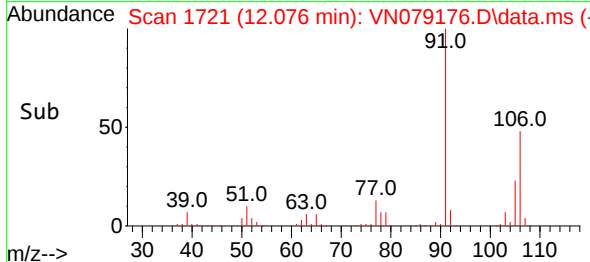
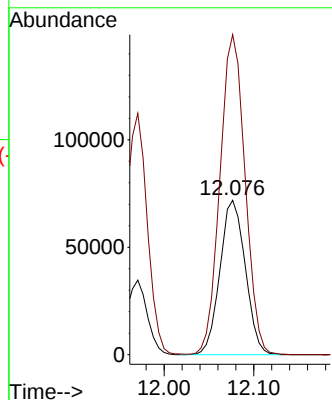
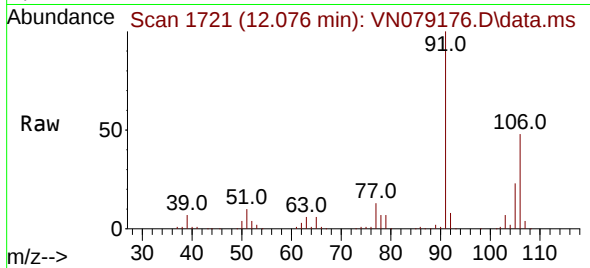
#67
m/p-Xylenes
Concen: 40.586 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723

Tgt Ion:106 Resp: 14095
Ion Ratio Lower Upper
106 100
91 205.8 165.2 247.8

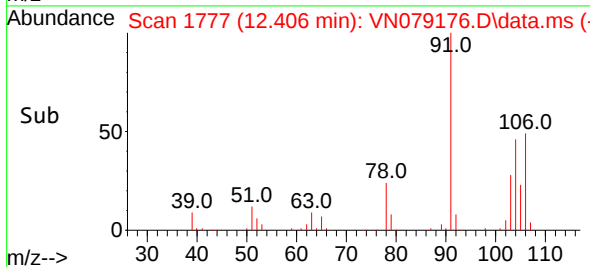
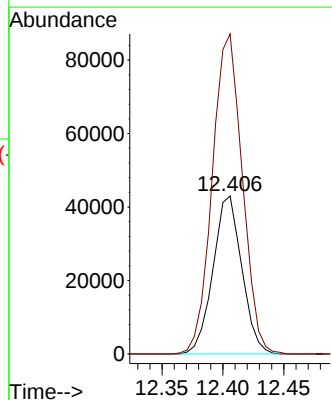
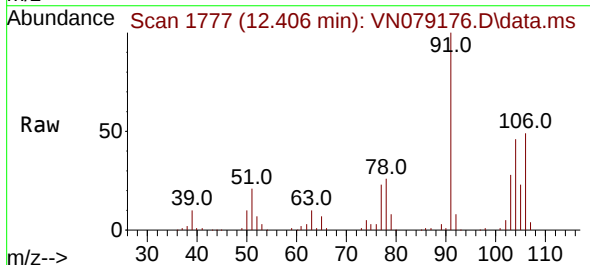
Manual Integrations
APPROVED

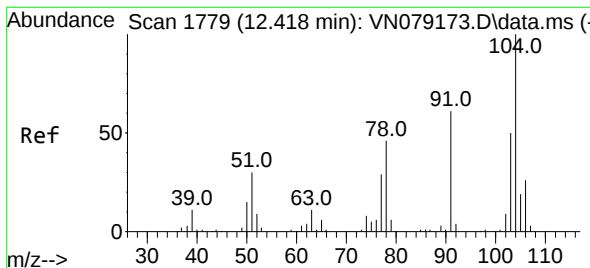
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#68
o-Xylene
Concen: 21.136 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Tgt Ion:106 Resp: 70791
Ion Ratio Lower Upper
106 100
91 211.2 109.7 329.1





#69

Styrene

Concen: 21.226 ug/l

RT: 12.418 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079176.D

Acq: 07 Sep 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090723

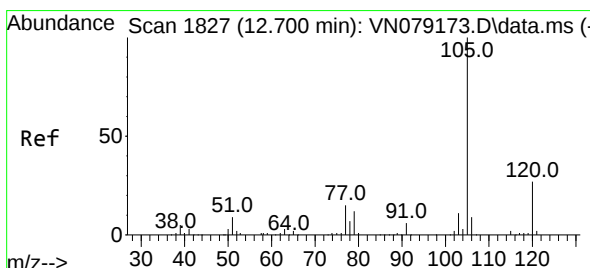
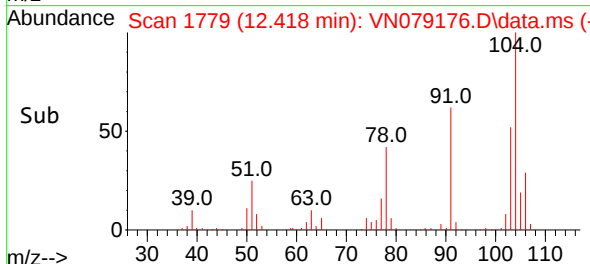
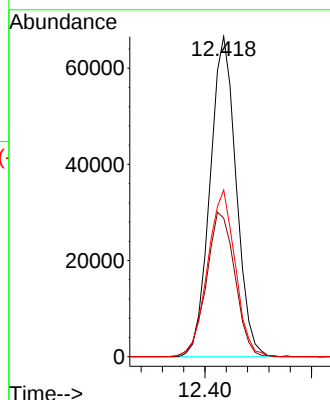
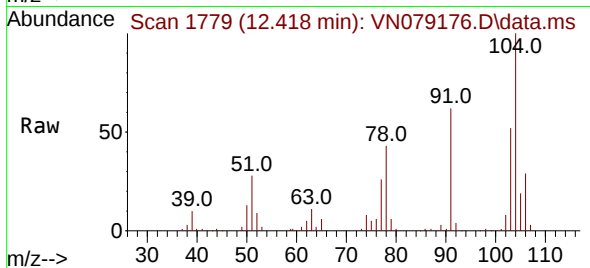
Tgt Ion:	104	Resp:	113394
Ion	Ratio	Lower	Upper
104	100		
78	49.3	40.5	60.7
103	55.1	43.3	64.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#70

Isopropylbenzene

Concen: 20.476 ug/l

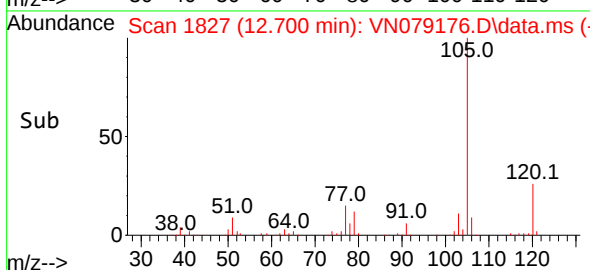
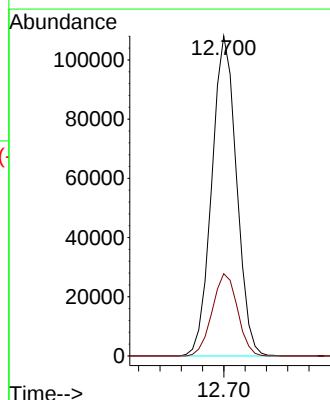
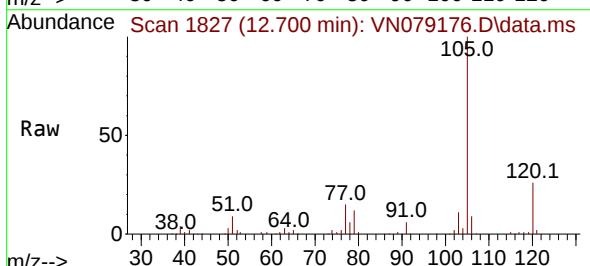
RT: 12.700 min Scan# 1827

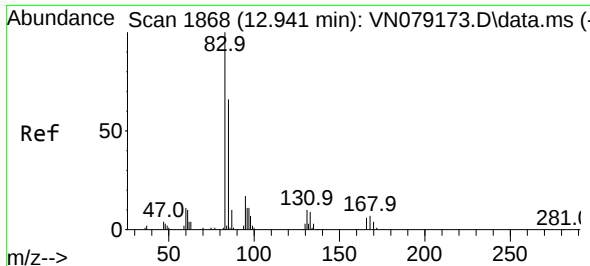
Delta R.T. -0.000 min

Lab File: VN079176.D

Acq: 07 Sep 2023 13:27

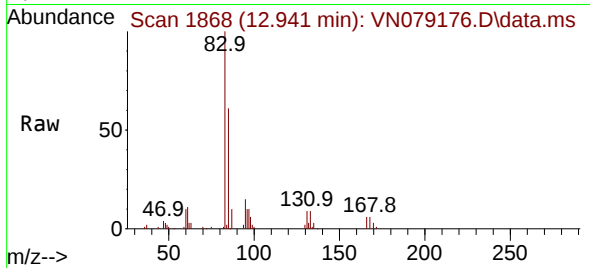
Tgt Ion:	105	Resp:	174317
Ion	Ratio	Lower	Upper
105	100		
120	26.2	18.5	34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.667 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

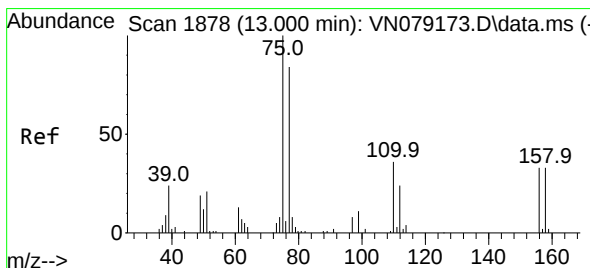
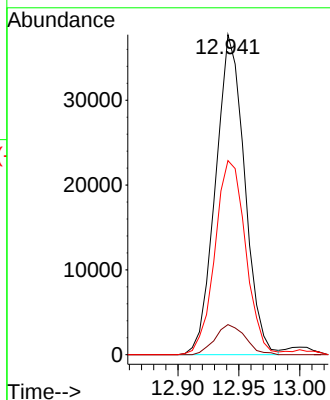
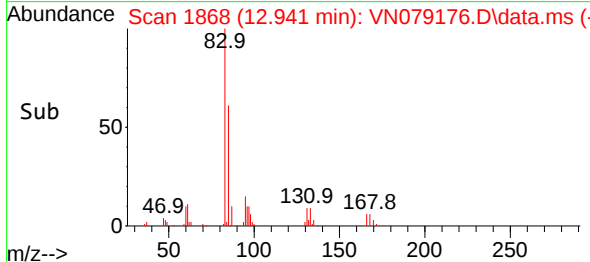
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



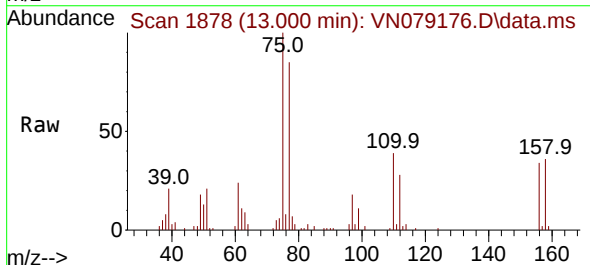
Tgt Ion: 83 Resp: 6263
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.6
85 64.1 33.1 99.3

Manual Integrations
APPROVED

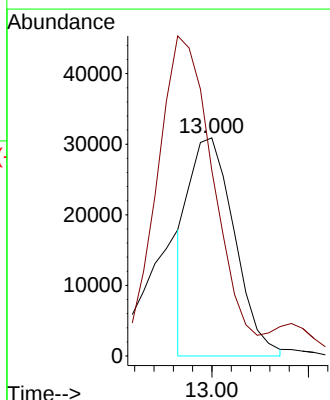
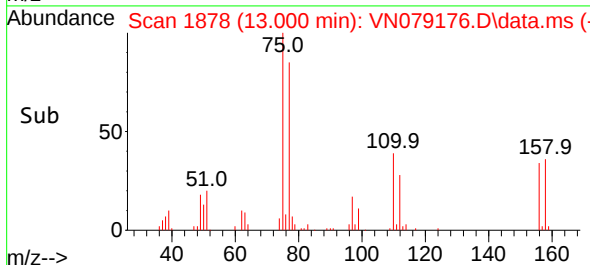
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

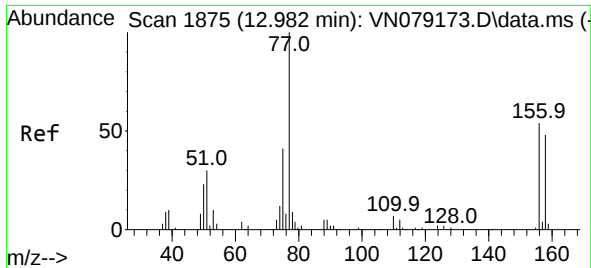


#72
1,2,3-Trichloropropane
Concen: 18.912 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27



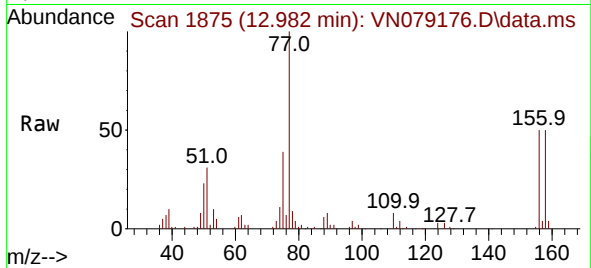
Tgt Ion: 75 Resp: 50677
Ion Ratio Lower Upper
75 100
77 183.7 0.0 252.2





#73
Bromobenzene
Concen: 19.241 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

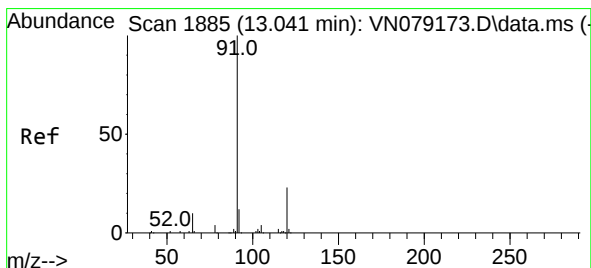
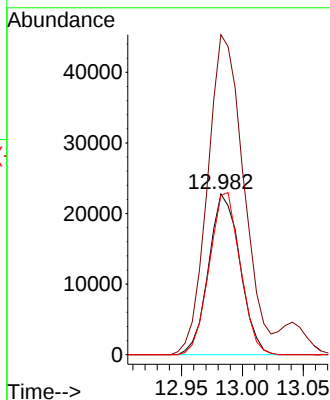
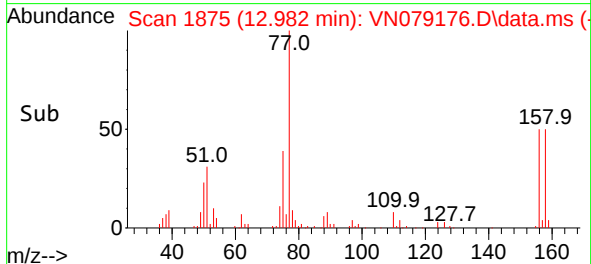
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



Tgt Ion:156 Resp: 40919
Ion Ratio Lower Upper
156 100
77 227.5 0.0 446.6
158 99.0 0.0 188.6

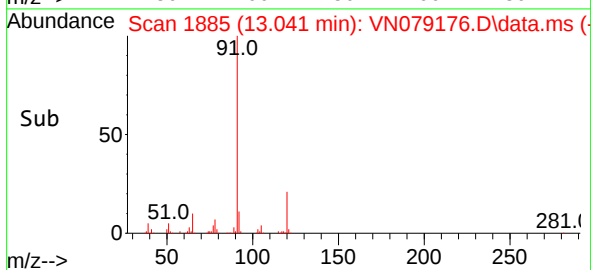
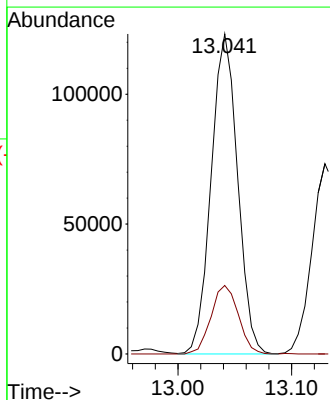
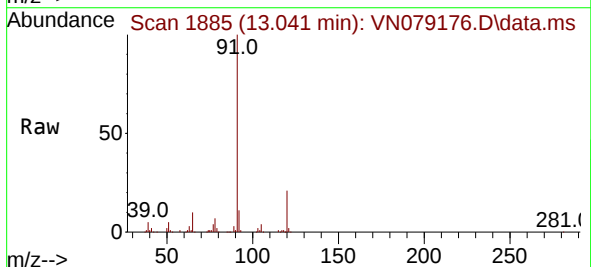
Manual Integrations
APPROVED

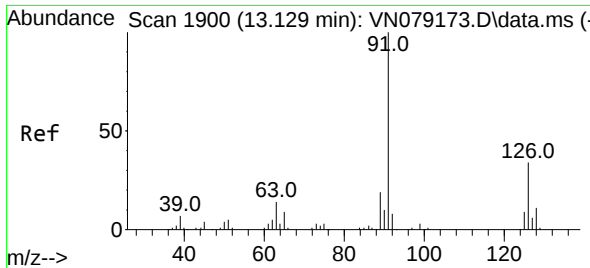
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#74
n-propylbenzene
Concen: 20.541 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Tgt Ion: 91 Resp: 199251
Ion Ratio Lower Upper
91 100
120 22.0 0.0 44.0





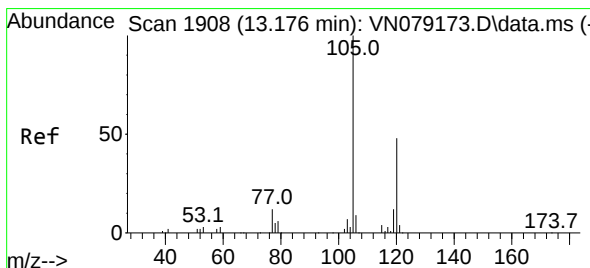
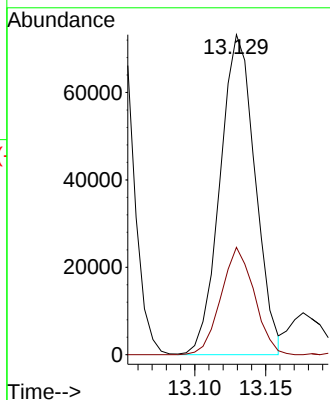
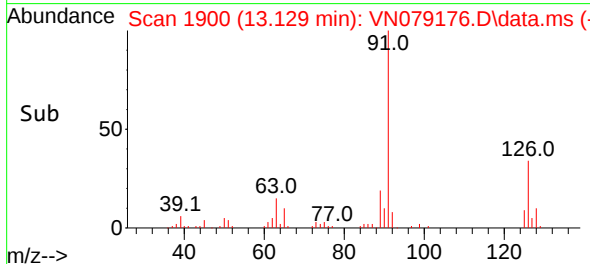
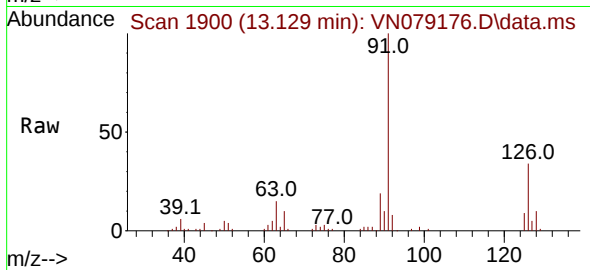
#75
2-Chlorotoluene
Concen: 20.261 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
ICVNVN090723

Tgt Ion: 91 Resp: 12602
Ion Ratio Lower Upper
91 100
126 31.7 0.0 65.4

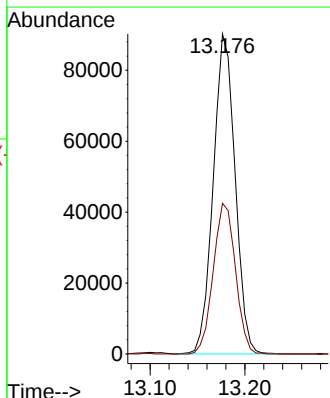
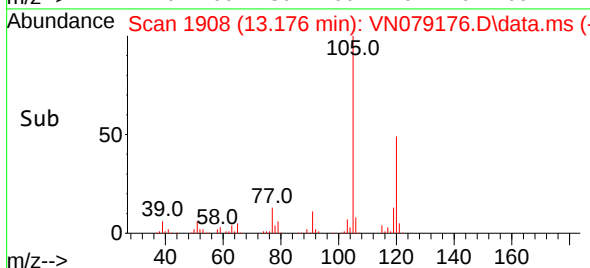
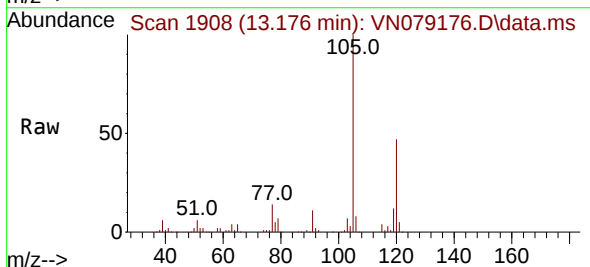
Manual Integrations
APPROVED

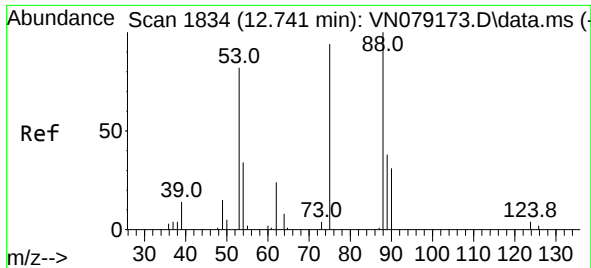
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.553 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

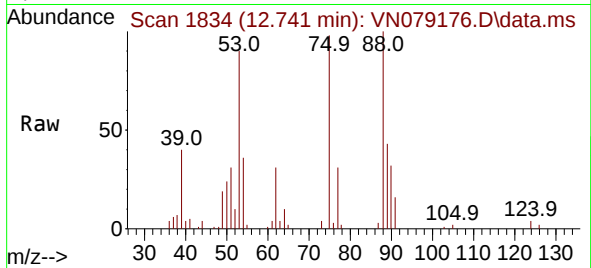
Tgt Ion:105 Resp: 144681
Ion Ratio Lower Upper
105 100
120 47.9 0.0 95.6





#77
t-1,4-Dichloro-2-butene
Concen: 20.279 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

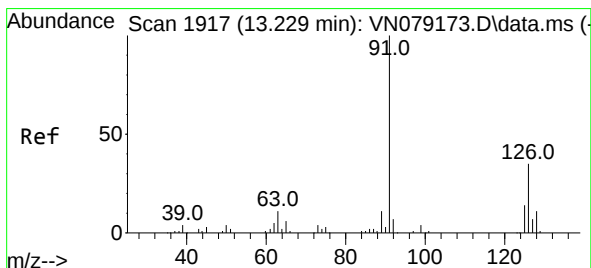
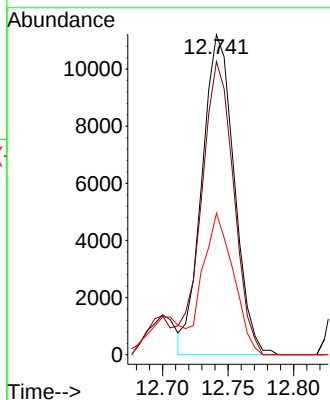
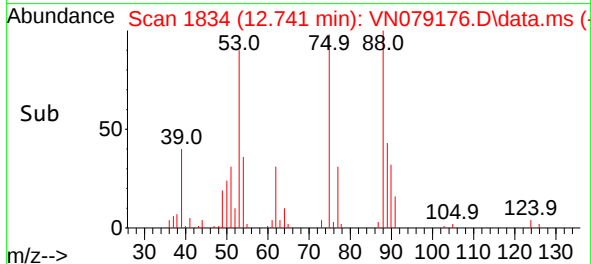
Instrument : MSVOA_N
ClientSampleId : ICVVN090723



Tgt Ion: 75 Resp: 1913
Ion Ratio Lower Upper
75 100
53 91.6 44.1 132.4
89 44.2 22.4 67.3

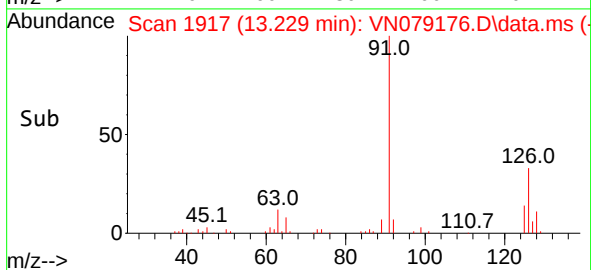
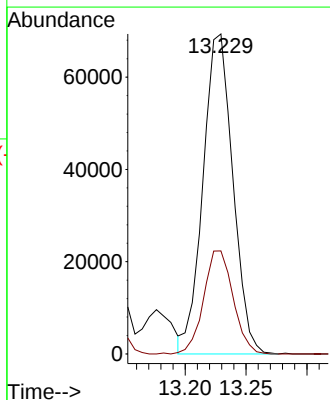
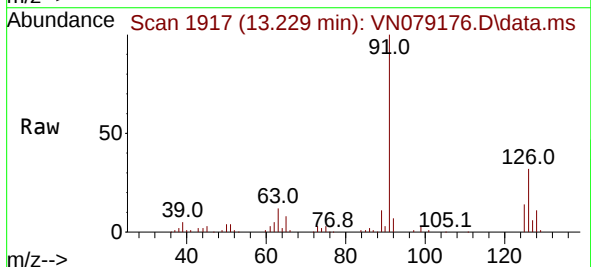
Manual Integrations
APPROVED

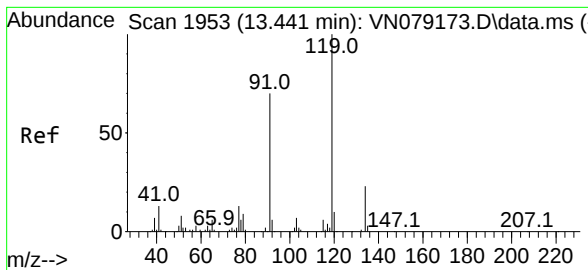
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#78
4-Chlorotoluene
Concen: 20.165 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

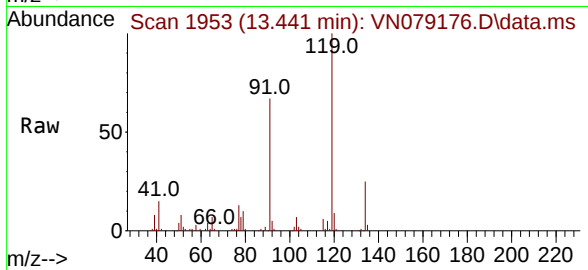
Tgt Ion: 91 Resp: 118427
Ion Ratio Lower Upper
91 100
126 31.9 0.0 66.6





#79
tert-butylbenzene
Concen: 19.790 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

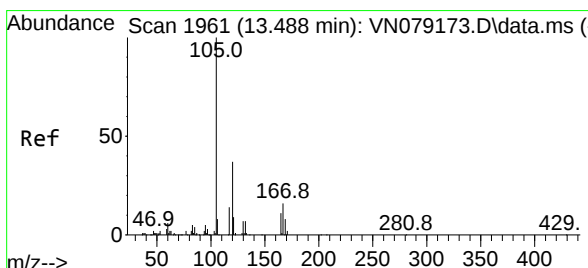
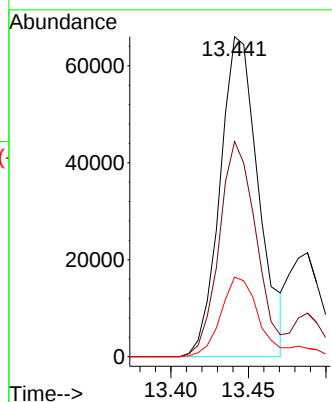
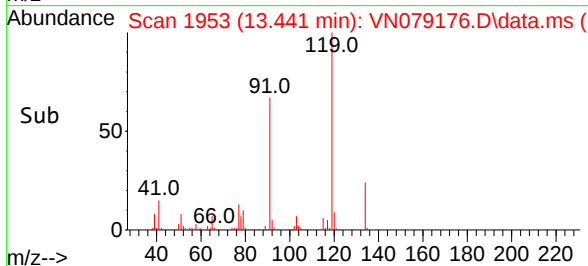
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



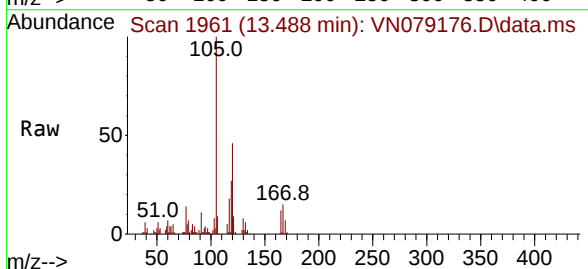
Tgt Ion:119 Resp: 114340
Ion Ratio Lower Upper
119 100
91 64.5 0.0 130.8
134 24.2 0.0 48.8

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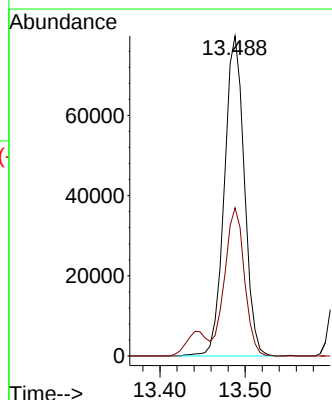
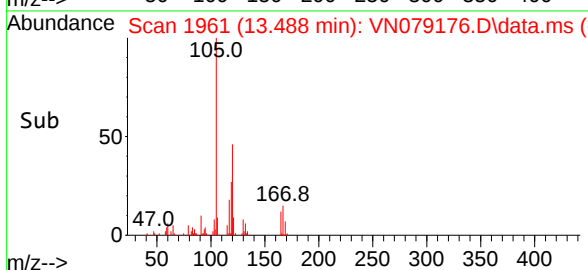
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

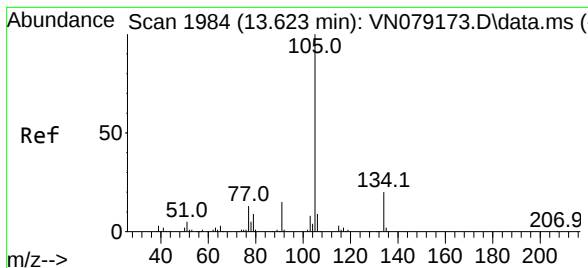


#80
1,2,4-Trimethylbenzene
Concen: 19.321 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27



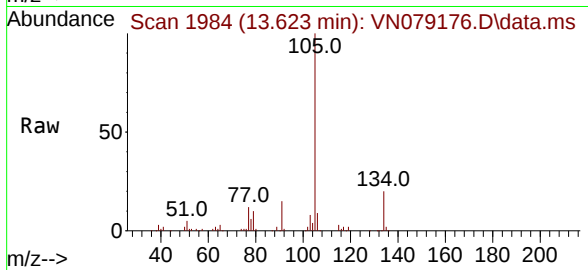
Tgt Ion:105 Resp: 129887
Ion Ratio Lower Upper
105 100
120 45.9 0.0 90.0





#81
 sec-Butylbenzene
 Concen: 18.415 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079176.D
 Acq: 07 Sep 2023 13:27

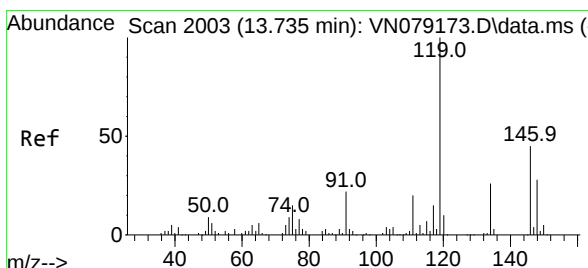
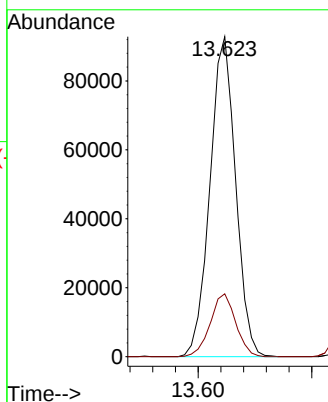
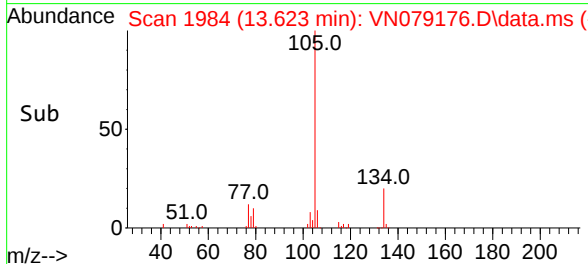
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN090723



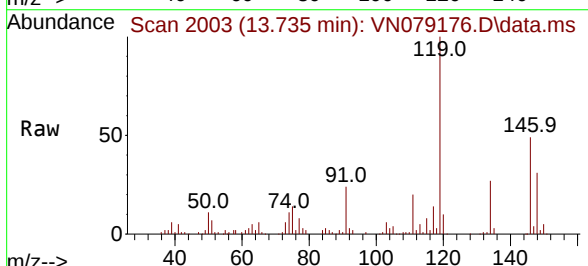
Tgt Ion:105 Resp: 145578
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.6

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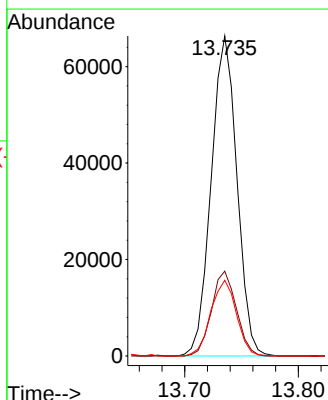
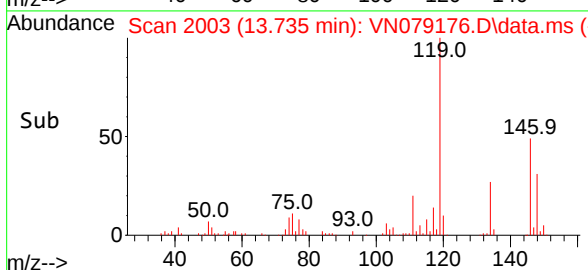
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023

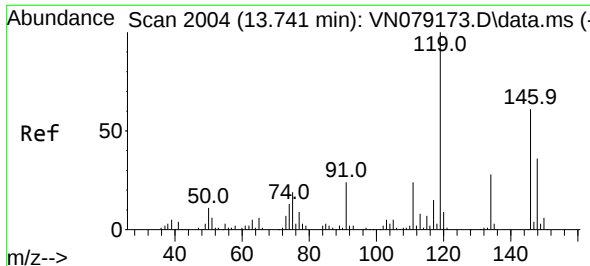


#82
 p-Isopropyltoluene
 Concen: 16.740 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079176.D
 Acq: 07 Sep 2023 13:27



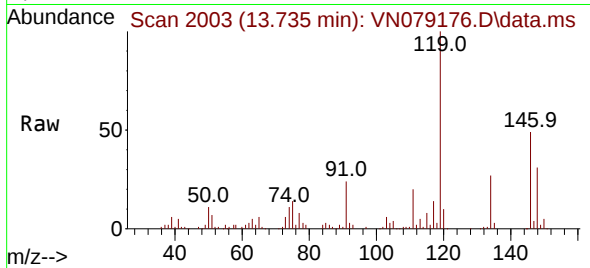
Tgt Ion:119 Resp: 104535
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 53.8
 91 23.5 0.0 48.0





#83
1,3-Dichlorobenzene
Concen: 16.449 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

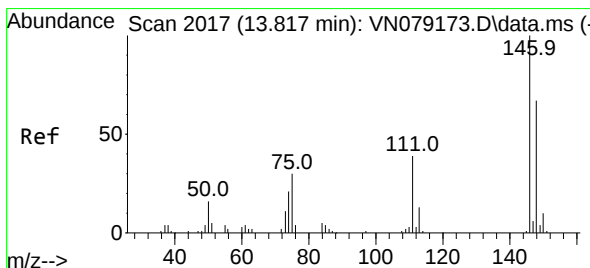
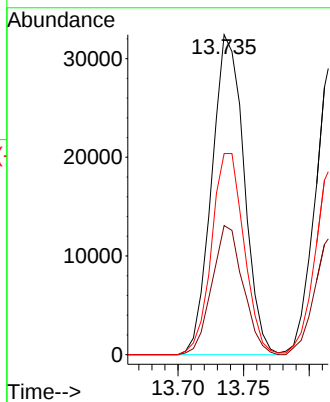
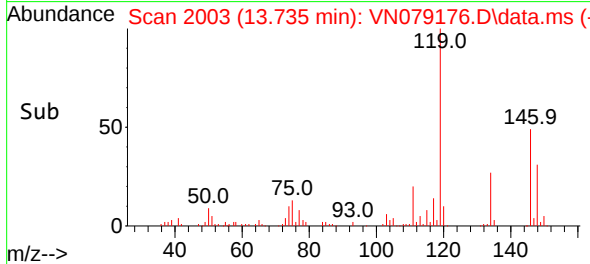
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



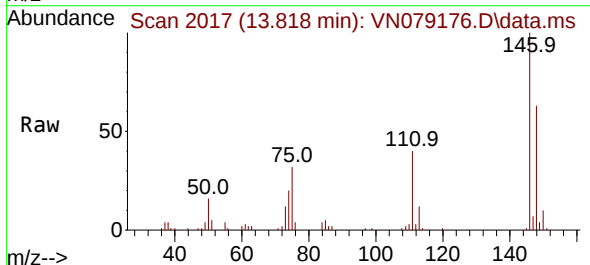
Tgt Ion:146 Resp: 55554
Ion Ratio Lower Upper
146 100
111 38.9 20.5 61.5
148 63.1 31.8 95.3

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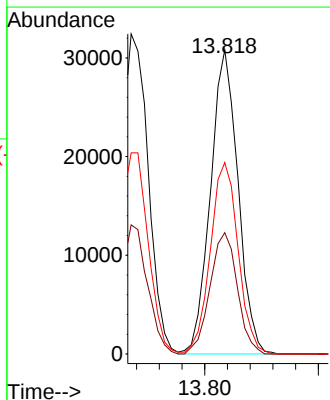
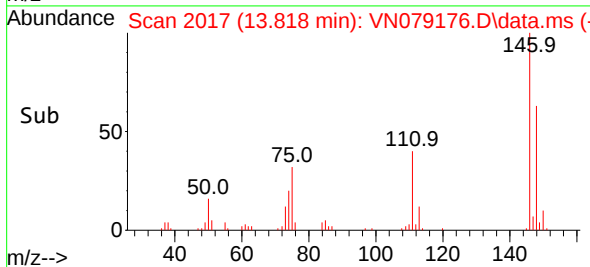
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

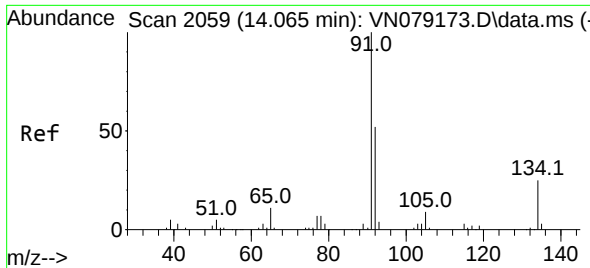


#84
1,4-Dichlorobenzene
Concen: 16.374 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.001 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27



Tgt Ion:146 Resp: 51864
Ion Ratio Lower Upper
146 100
111 39.6 19.5 58.5
148 63.5 32.1 96.5





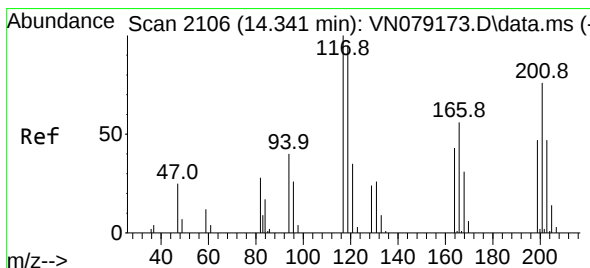
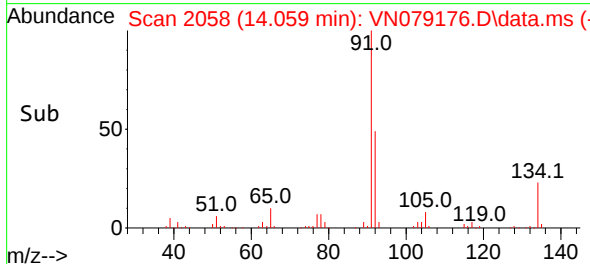
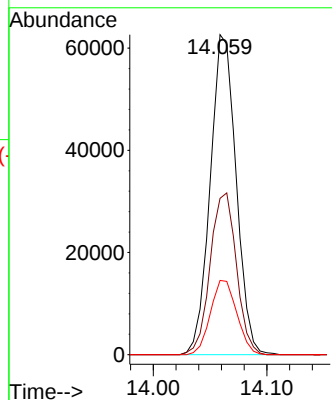
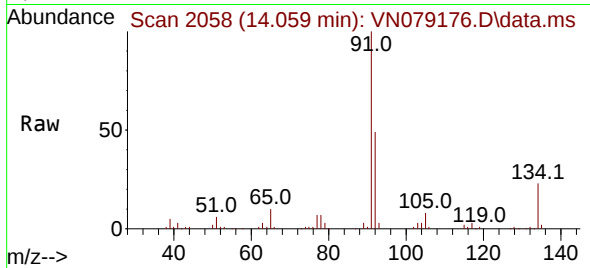
#85
n-Butylbenzene
Concen: 20.902 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723

Tgt Ion: 91 Resp: 9941
Ion Ratio Lower Upper
91 100
92 51.1 0.0 105.0
134 23.6 0.0 49.6

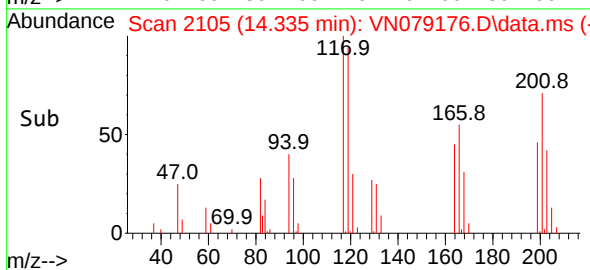
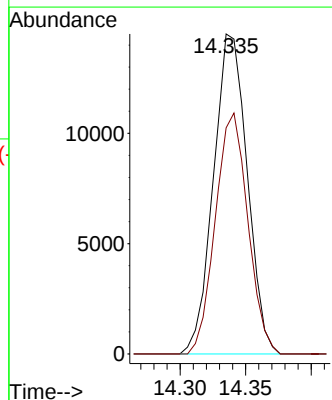
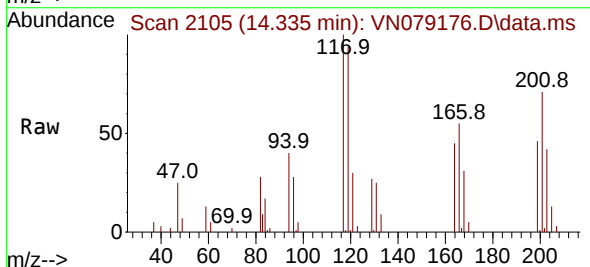
Manual Integrations
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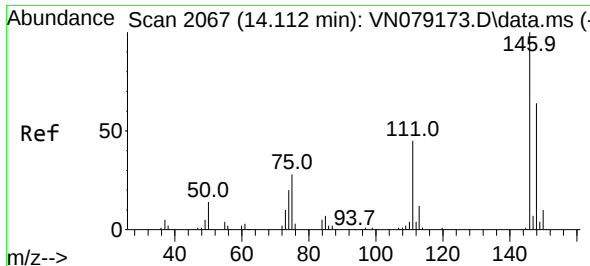
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#86
Hexachloroethane
Concen: 21.013 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

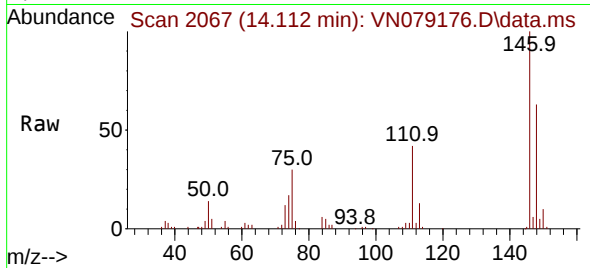
Tgt Ion:117 Resp: 25980
Ion Ratio Lower Upper
117 100
201 72.5 37.2 111.6





#87
1,2-Dichlorobenzene
Concen: 20.761 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

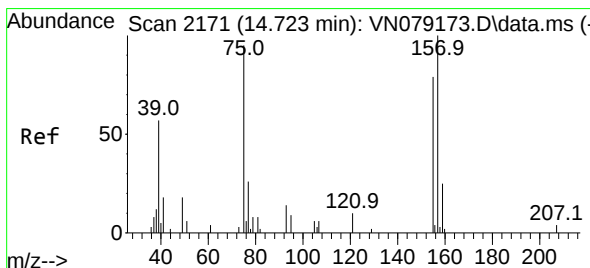
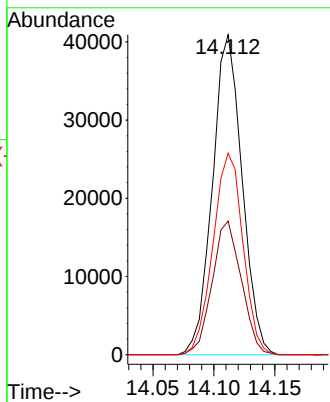
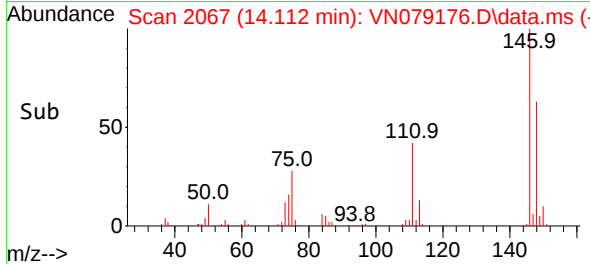
Instrument : MSVOA_N
ClientSampleId : ICVVN090723



Tgt Ion:146 Resp: 6919
Ion Ratio Lower Upper
146 100
111 41.1 21.5 64.5
148 63.7 31.8 95.3

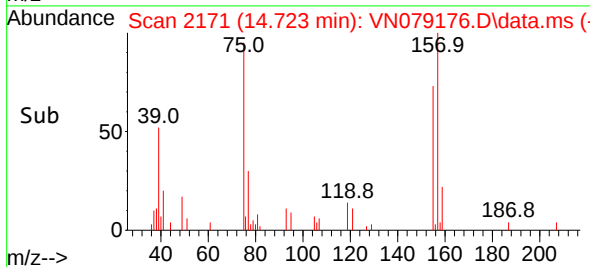
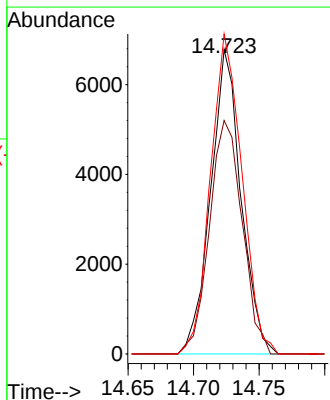
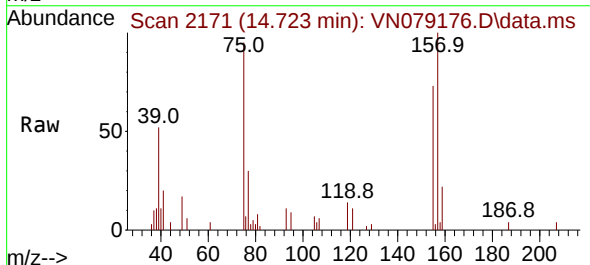
Manual Integrations
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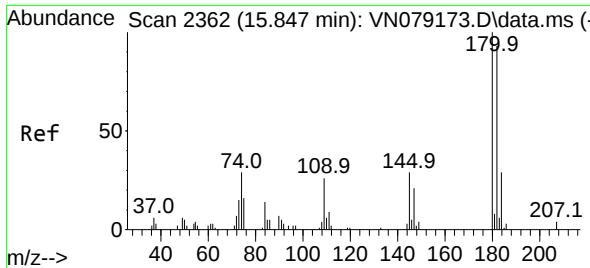
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.312 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

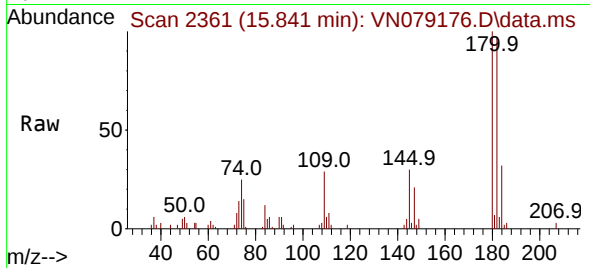
Tgt Ion: 75 Resp: 10934
Ion Ratio Lower Upper
75 100
155 82.7 68.1 102.1
157 108.5 83.9 125.9





#89
 1,2,4-Trichlorobenzene
 Concen: 20.065 ug/l
 RT: 15.841 min Scan# 2362
 Delta R.T. -0.006 min
 Lab File: VN079176.D
 Acq: 07 Sep 2023 13:27

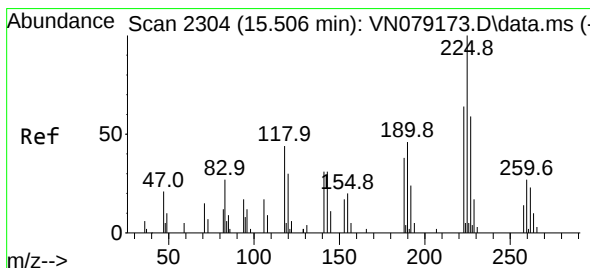
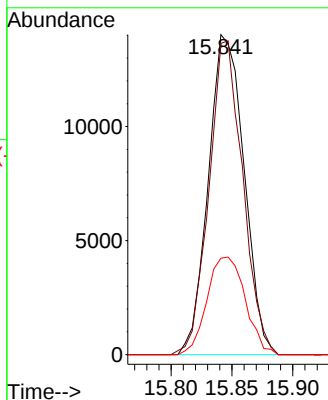
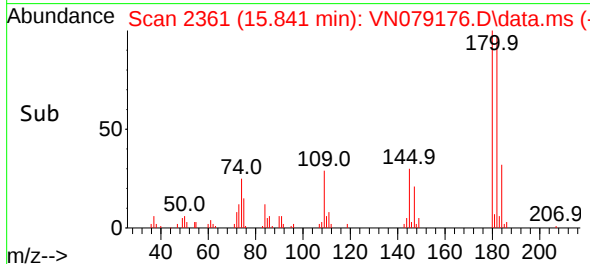
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090723



Tgt Ion:180 Resp: 28618
 Ion Ratio Lower Upper
 180 100
 182 92.7 74.5 111.7
 145 32.6 26.2 39.2

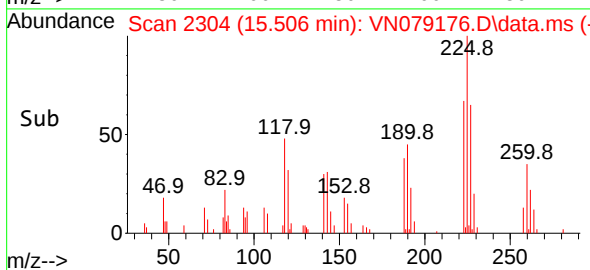
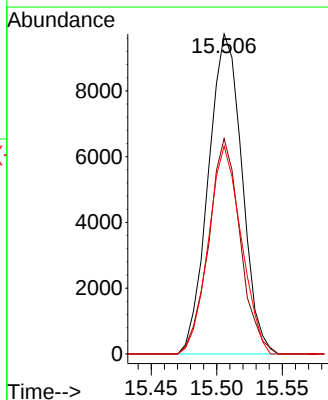
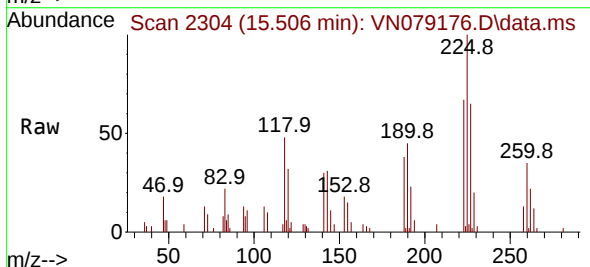
Manual Integrations
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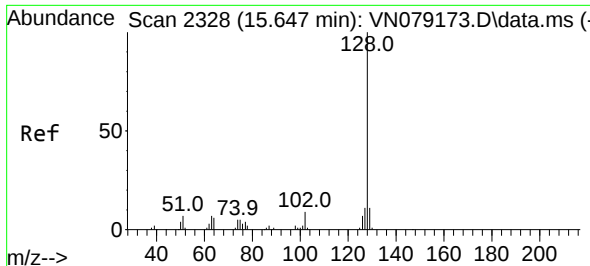
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023



#90
 Hexachlorobutadiene
 Concen: 20.000 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN079176.D
 Acq: 07 Sep 2023 13:27

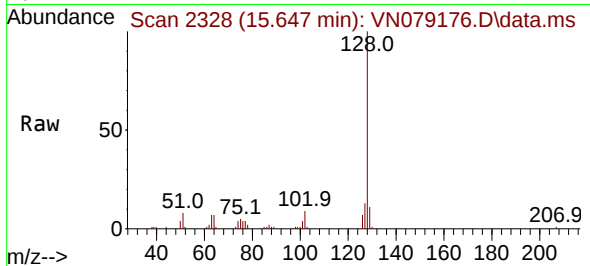
Tgt Ion:225 Resp: 17326
 Ion Ratio Lower Upper
 225 100
 223 63.2 0.0 125.6
 227 63.5 0.0 124.0





#91
Naphthalene
Concen: 19.024 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27

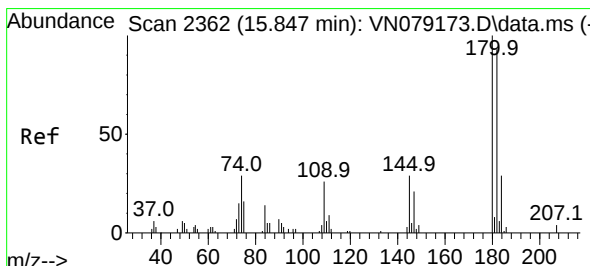
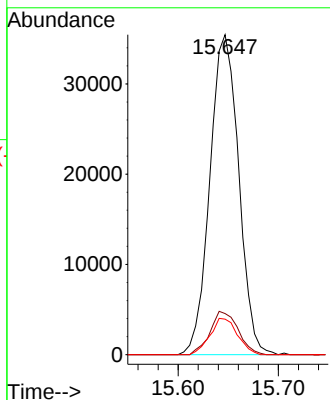
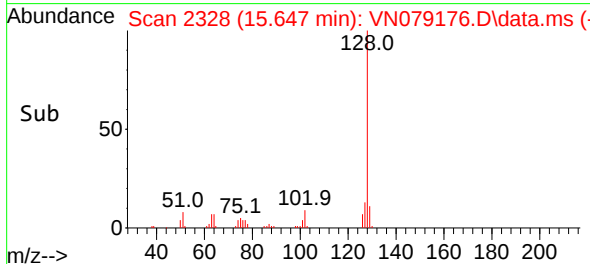
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090723



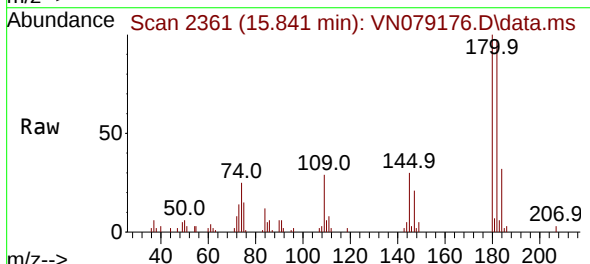
Tgt Ion:128 Resp: 70902
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 10.8 8.5 12.7

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 20.065 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079176.D
Acq: 07 Sep 2023 13:27



Tgt Ion:180 Resp: 28618
Ion Ratio Lower Upper
180 100
182 92.7 0.0 186.2
145 32.6 0.0 65.4

