

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079575.D
 Acq On : 17 Oct 2023 11:45
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Mahesh Dadoda 10/20/2023

Quant Time: Oct 18 02:03:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 01:58:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	21854	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	164479	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	199562	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	93558	30.111	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.367%			
60) 4-Bromofluorobenzene	12.853	95	104688	28.686	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.633%			
63) Toluene-d8	10.571	98	261969	30.635	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	32631	10.296	ug/l	89
3) Chloromethane	2.365	50	43105	10.494	ug/l	97
4) Vinyl Chloride	2.518	62	45966	10.369	ug/l	95
5) Bromomethane	2.959	94	29377	10.688	ug/l	93
6) Chloroethane	3.124	64	32701	10.480	ug/l #	88
7) Trichlorofluoromethane	3.501	101	55625	10.283	ug/l	96
8) Diethyl Ether	3.965	74	19659	10.027	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	32707	10.568	ug/l	100
10) 1,1-Dichloroethene	4.348	96	30906	10.496	ug/l	97
11) Methyl Iodide	4.595	142	30285	9.289	ug/l	96
12) Methyl Acetate	5.036	43	75952	10.699	ug/l	95
13) Acrolein	4.189	56	26802	45.675	ug/l	98
14) Acrylonitrile	5.730	53	87394	51.409	ug/l	99
15) Acetone	4.430	58	27533	51.007	ug/l	89
16) Carbon Disulfide	4.718	76	93592	10.423	ug/l	96
17) Allyl chloride	5.030	41	44351	9.769	ug/l	88
18) Methylene Chloride	5.277	84	38413	10.598	ug/l	91
19) trans-1,2-Dichloroethene	5.795	96	33137	10.059	ug/l	94
20) Diisopropyl ether	6.677	45	110380	10.254	ug/l	95
21) 1,1-Dichloroethane	6.577	63	68098	10.410	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	39164	10.322	ug/l	94
23) tert-Butyl Alcohol	5.530	59	30949	54.400	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	99096	10.030	ug/l #	80
25) Chloroform	7.971	83	68193	10.317	ug/l	99
26) Cyclohexane	8.259	56	48956	9.900	ug/l #	95
29) 1,1-Dichloropropene	8.371	75	48890	10.171	ug/l	98
30) 2-Butanone	7.489	43	123657	51.323	ug/l	99
31) 2,2-Dichloropropane	7.494	77	56182	10.367	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	59077	10.341	ug/l	99
33) Carbon Tetrachloride	8.365	117	50313	10.355	ug/l	99
34) Benzene	8.612	78	150728	10.321	ug/l	96
35) Methacrylonitrile	7.783	41	25425	10.031	ug/l	87
36) 1,2-Dichloroethane	8.677	62	54352	10.424	ug/l #	91
37) Trichloroethene	9.353	130	35104	10.283	ug/l	94
38) Methylcyclohexane	9.606	83	43825	9.470	ug/l	94
39) 1,2-Dichloropropane	9.624	63	40301	10.457	ug/l	95
40) Dibromomethane	9.718	93	26163	10.344	ug/l	97
41) Bromodichloromethane	9.894	83	55115	10.515	ug/l	96
42) Vinyl Acetate	6.612	43	304517	49.823	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	43618	9.627	ug/l	99
44) Isopropyl Acetate	8.694	43	83674	10.389	ug/l	100
45) 1,4-Dioxane	9.700	88	12863	204.036	ug/l #	92
46) Methyl methacrylate	9.688	41	35579	9.958	ug/l	95
47) n-amyl Acetate	12.500	43	53805	9.257	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	51851	9.786	ug/l	96
49) cis-1,3-Dichloropropene	10.318	75	57842	9.983	ug/l	99
50) 1,1,2-Trichloroethane	11.018	97	36970	10.537	ug/l	98
51) Ethyl methacrylate	10.882	69	47061	9.722	ug/l	96
52) 1,3-Dichloropropane	11.165	76	63455	10.209	ug/l	98
53) Dibromochloromethane	11.359	129	36798	10.262	ug/l	100
54) 1,2-Dibromoethane	11.477	107	35250	10.183	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	77947	42.203	ug/l	97
56) Bromoform	12.582	173	23072	9.726	ug/l	95
58) 4-Methyl-2-Pentanone	10.447	43	242800	52.162	ug/l	99
59) 2-Hexanone	11.200	43	171186	50.130	ug/l	99
61) Tetrachloroethene	11.106	164	29546	10.783	ug/l	95
62) Toluene	10.635	91	155781	10.214	ug/l	97
64) Chlorobenzene	11.894	112	90822	10.267	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	35180	10.440	ug/l	94
66) Ethyl Benzene	11.965	91	153086	9.742	ug/l	99
67) m/p-Xylenes	12.076	106	114767	19.746	ug/l	96
68) o-Xylene	12.406	106	54306	9.774	ug/l	99
69) Styrene	12.418	104	84688	9.601	ug/l	97
70) Isopropylbenzene	12.700	105	140216	9.833	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	52191	10.294	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	46228m	9.463	ug/l	
73) Bromobenzene	12.982	156	32868	9.812	ug/l	98
74) n-propylbenzene	13.041	91	158396	9.541	ug/l	100
75) 2-Chlorotoluene	13.129	91	101249	9.810	ug/l	96
76) 1,3,5-Trimethylbenzene	13.176	105	112529	9.654	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	13337	9.491	ug/l	85
78) 4-Chlorotoluene	13.223	91	93106	9.548	ug/l	99
79) tert-butylbenzene	13.441	119	90882	9.697	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	108756	9.629	ug/l	99
81) sec-Butylbenzene	13.618	105	122425	9.305	ug/l	98
82) p-Isopropyltoluene	13.735	119	97480	9.340	ug/l	100
83) 1,3-Dichlorobenzene	13.741	146	51543	9.358	ug/l	100
84) 1,4-Dichlorobenzene	13.818	146	49177	9.313	ug/l	97
85) n-Butylbenzene	14.059	91	67709	8.303	ug/l	97
86) Hexachloroethane	14.335	117	22713	10.066	ug/l	97
87) 1,2-Dichlorobenzene	14.112	146	52059	9.509	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	7418	9.602	ug/l	95
89) 1,2,4-Trichlorobenzene	15.847	180	17026	8.823	ug/l	99
90) Hexachlorobutadiene	15.506	225	13155	9.624	ug/l	94
91) Naphthalene	15.647	128	38015	7.637	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	17026	8.823	ug/l	99

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

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VSTDIC010

Manual Integrations

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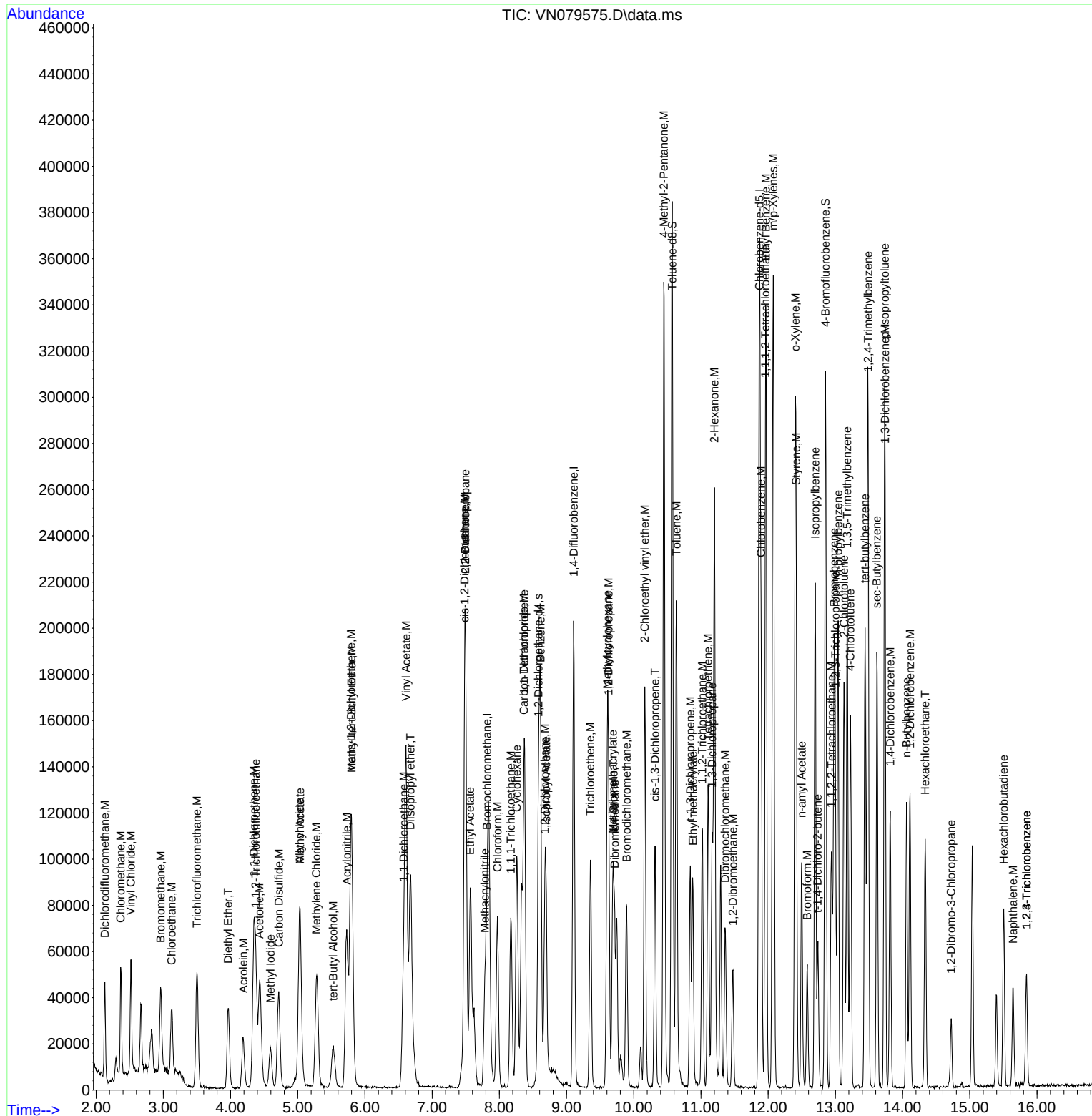
Quant Time: Oct 18 02:03:54 2023

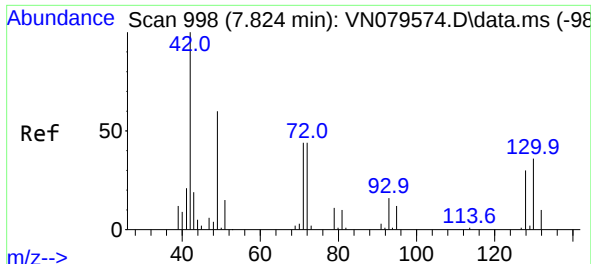
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Wed Oct 18 01:58:48 2023

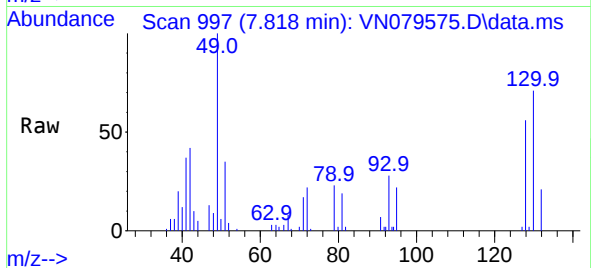
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

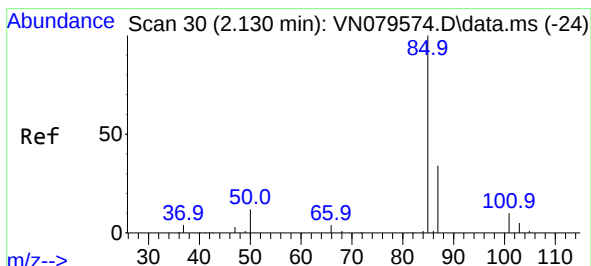
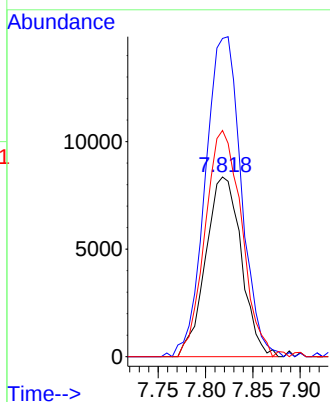
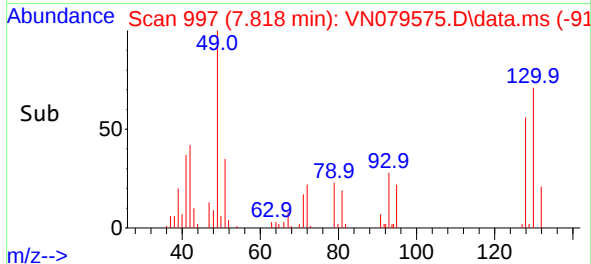
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



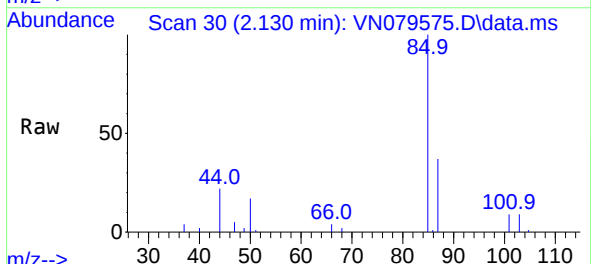
Tgt Ion:128 Resp: 21854
Ion Ratio Lower Upper
128 100
49 179.6 0.0 468.5
130 128.8 0.0 320.7

Manual Integrations
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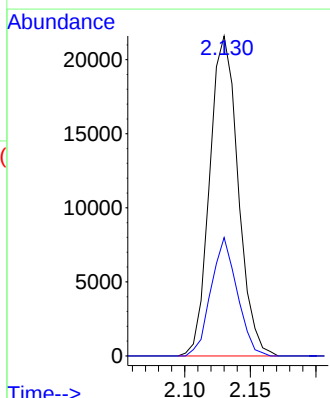
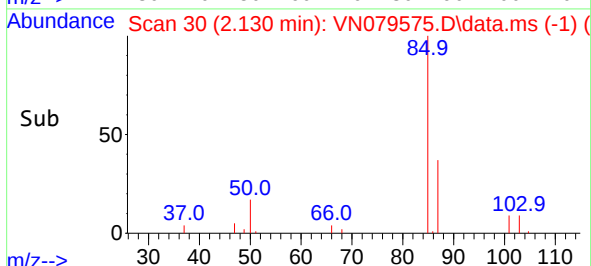
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

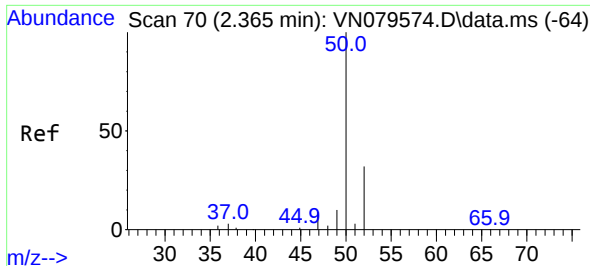


#2
Dichlorodifluoromethane
Concen: 10.296 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45



Tgt Ion: 85 Resp: 32631
Ion Ratio Lower Upper
85 100
87 37.0 15.6 46.7





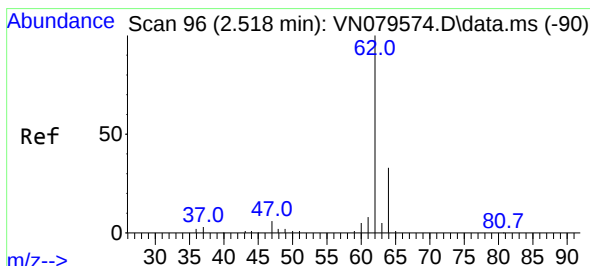
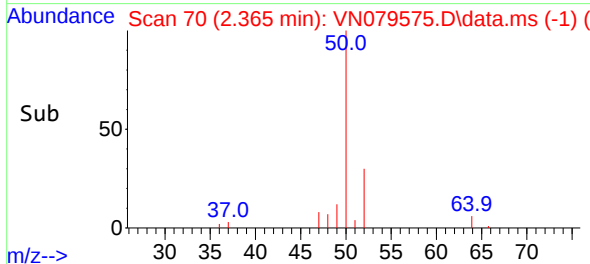
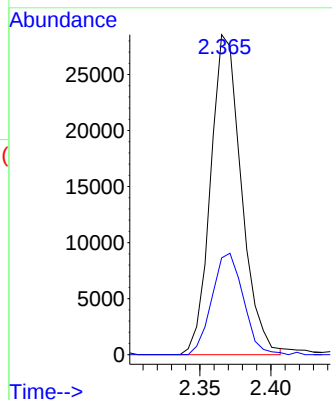
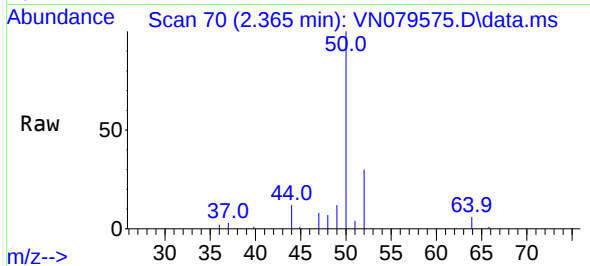
#3
Chloromethane
Concen: 10.494 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

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VSTDIC010

Tgt Ion: 50 Resp: 4310
Ion Ratio Lower Upper
50 100
52 30.2 25.6 38.4

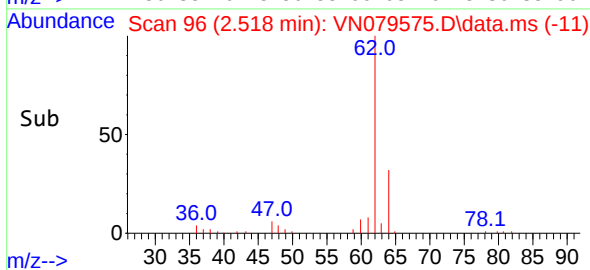
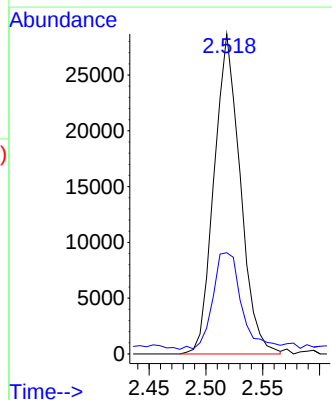
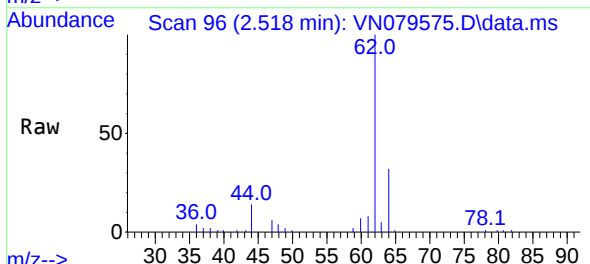
Manual Integrations
APPROVED

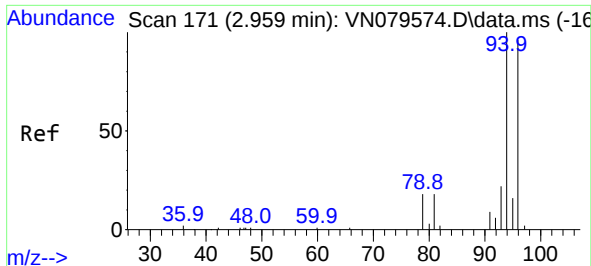
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#4
Vinyl Chloride
Concen: 10.369 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion: 62 Resp: 45966
Ion Ratio Lower Upper
62 100
64 30.2 26.4 39.6





#5
Bromomethane
Concen: 10.688 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

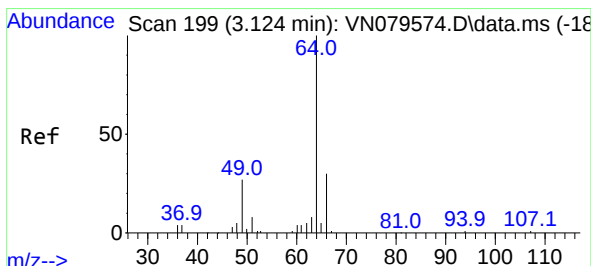
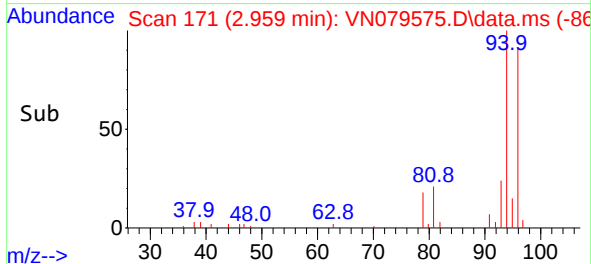
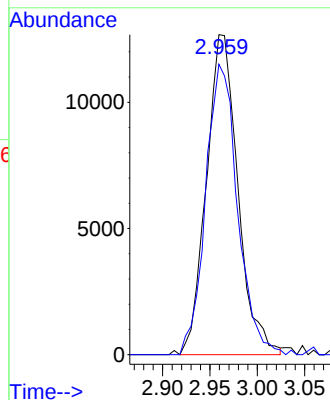
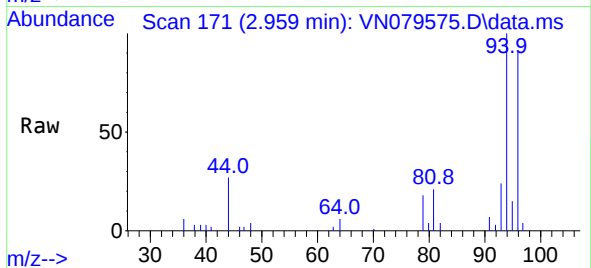
VSTDICC010

Tgt Ion: 94 Resp: 2937
Ion Ratio Lower Upper
94 100
96 90.7 77.8 116.6

Manual Integrations

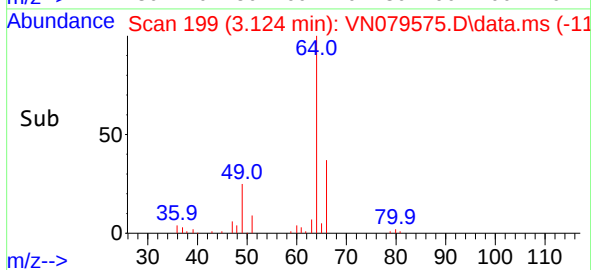
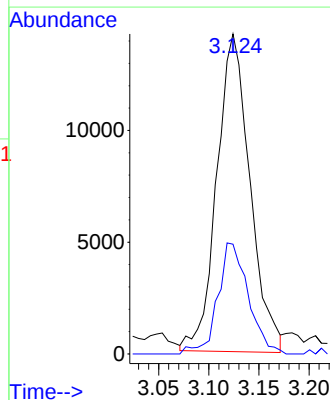
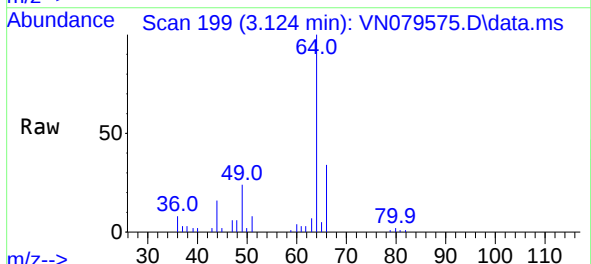
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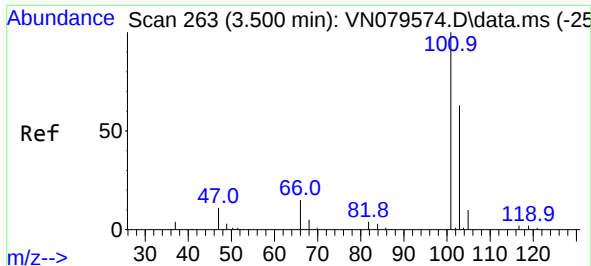
Reviewed By :John Carlone 10/18/2023
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#6
Chloroethane
Concen: 10.480 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion: 64 Resp: 32701
Ion Ratio Lower Upper
64 100
66 35.3 23.3 34.9#





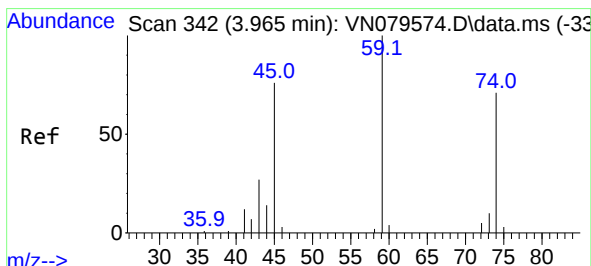
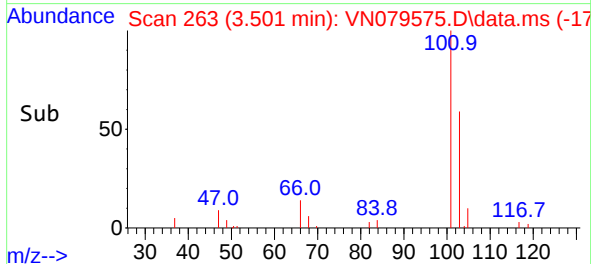
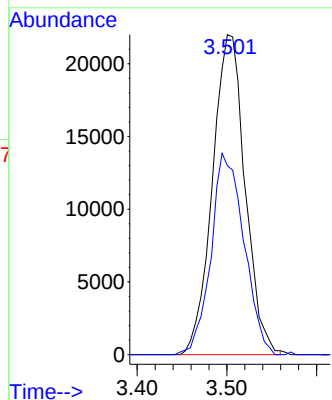
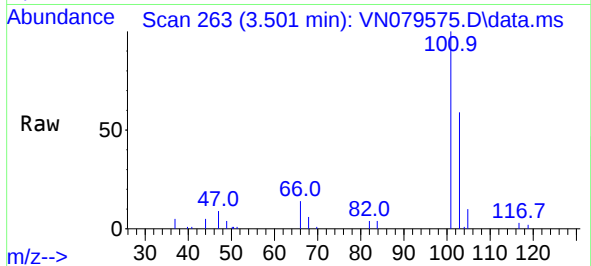
#7
Trichlorofluoromethane
Concen: 10.283 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :
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ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 5562
Ion Ratio Lower Upper
101 100
103 59.1 49.9 74.9

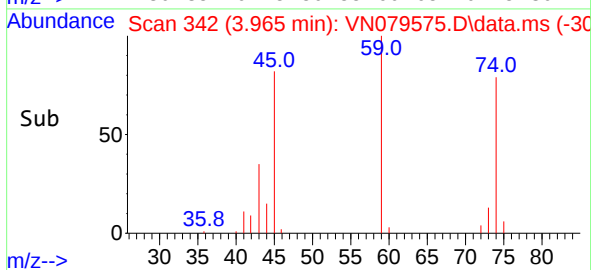
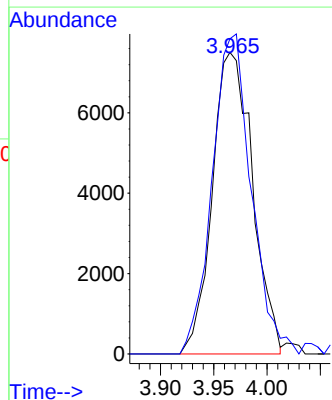
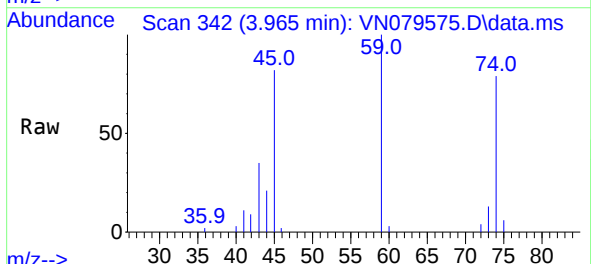
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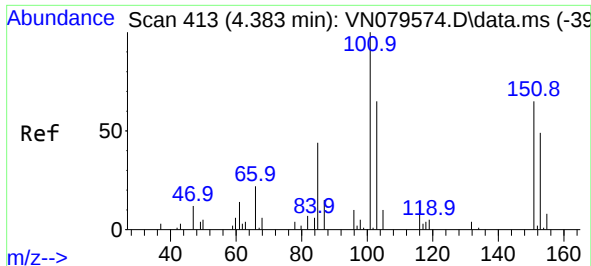
Reviewed By :John Carlone 10/18/2023
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#8
Diethyl Ether
Concen: 10.027 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion: 74 Resp: 19659
Ion Ratio Lower Upper
74 100
45 103.0 19.0 171.0





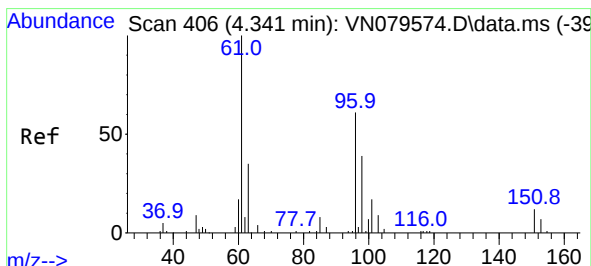
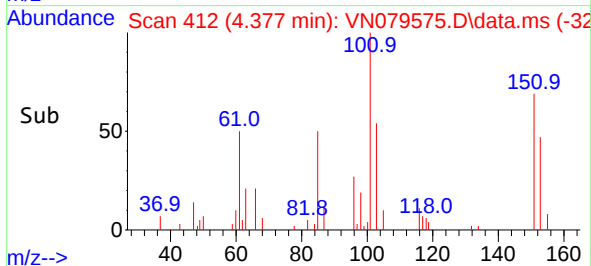
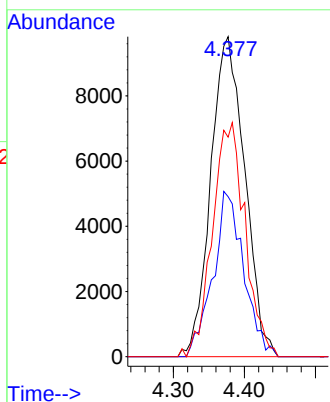
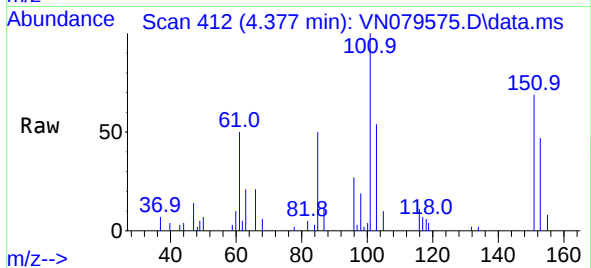
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.568 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN079575.D
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Tgt Ion:101 Resp: 3270
Ion Ratio Lower Upper
101 100
85 46.1 0.0 92.0
151 69.8 0.0 138.4

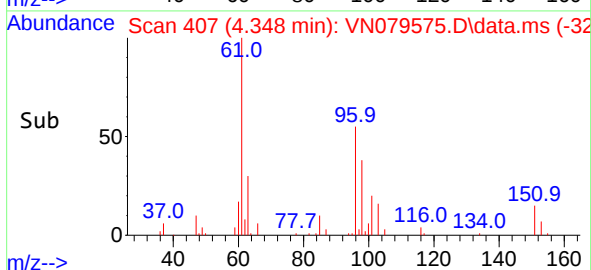
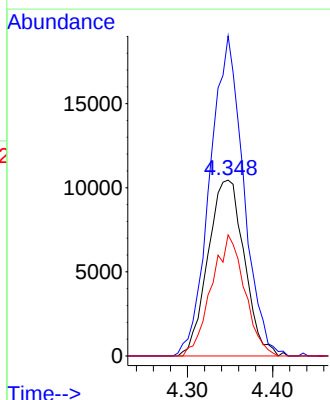
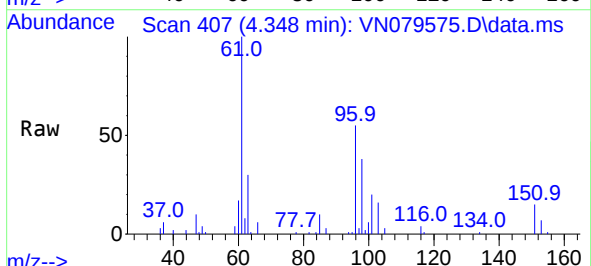
Manual Integrations
APPROVED

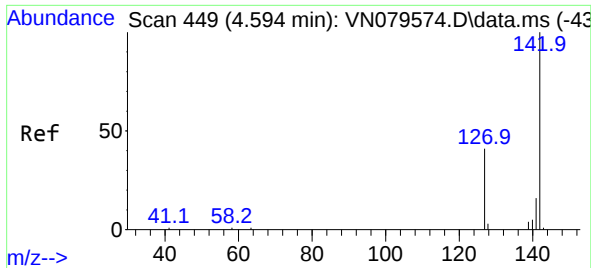
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#10
1,1-Dichloroethene
Concen: 10.496 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion: 96 Resp: 30906
Ion Ratio Lower Upper
96 100
61 180.4 141.3 211.9
98 68.9 53.2 79.8





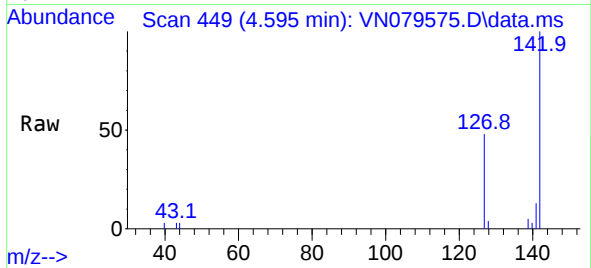
#11
Methyl Iodide
Concen: 9.289 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010



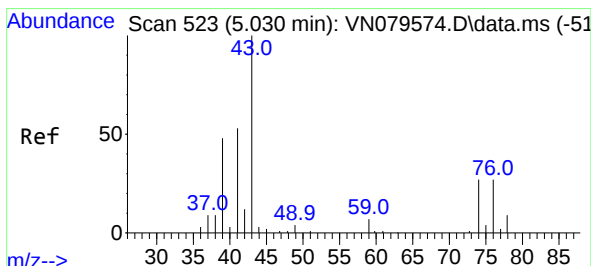
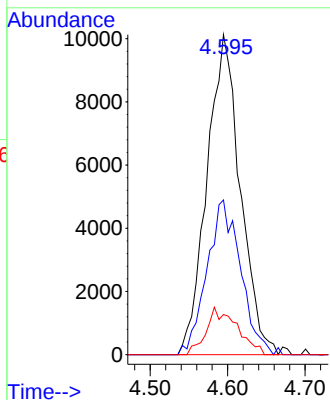
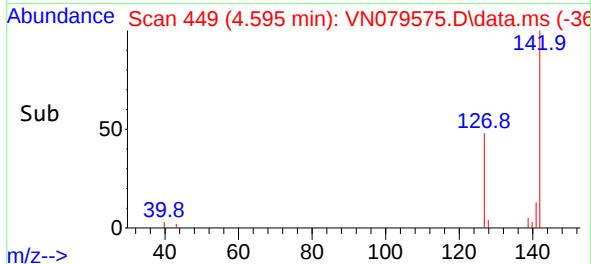
Tgt Ion:142 Resp: 30285
Ion Ratio Lower Upper
142 100
127 47.2 24.6 73.8
141 12.6 7.7 23.1

Manual Integrations

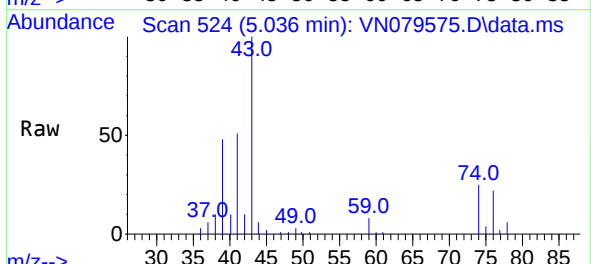
APPROVED

Reviewed By :John Carlone 10/18/2023

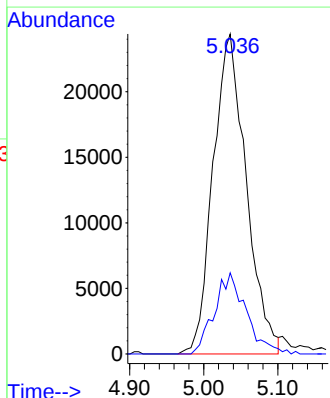
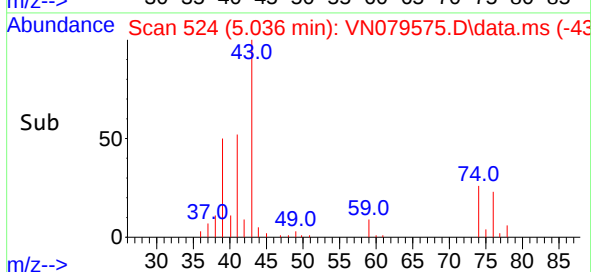
Supervised By :Mahesh Dadoda 10/20/2023

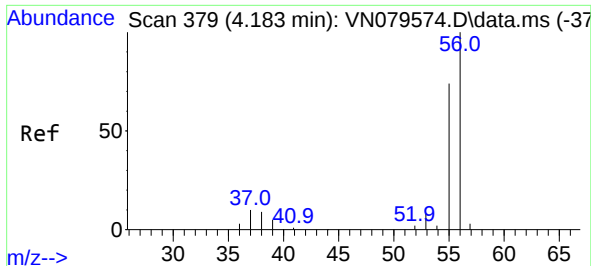


#12
Methyl Acetate
Concen: 10.699 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45



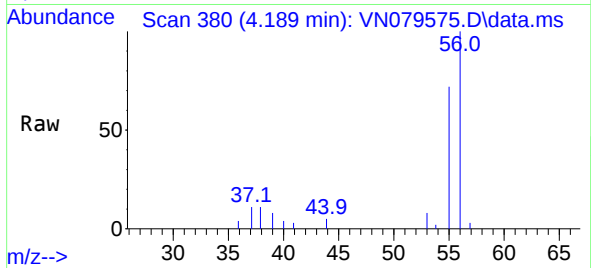
Tgt Ion: 43 Resp: 75952
Ion Ratio Lower Upper
43 100
74 25.2 18.1 27.1





#13
Acrolein
Concen: 45.675 ug/l
RT: 4.189 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

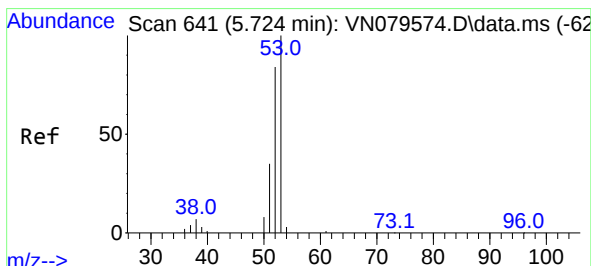
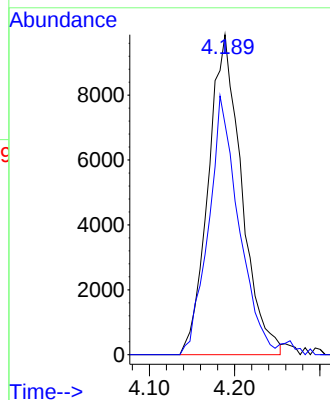
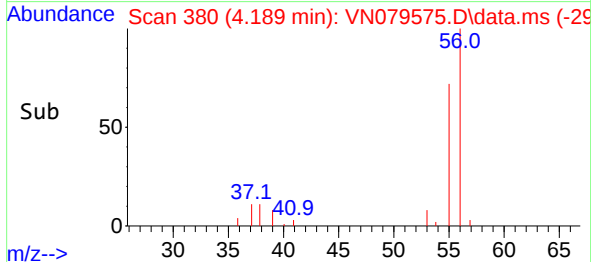
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



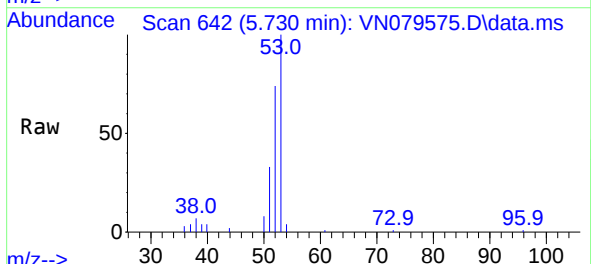
Tgt Ion: 56 Resp: 2680
Ion Ratio Lower Upper
56 100
55 73.4 57.1 85.7

Manual Integrations
APPROVED

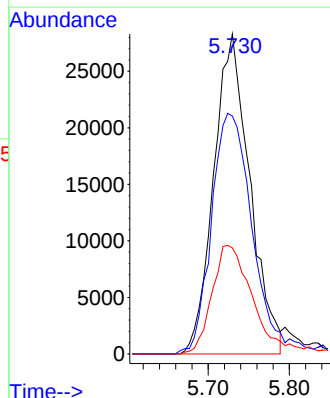
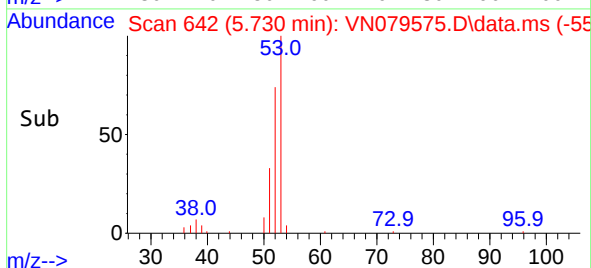
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

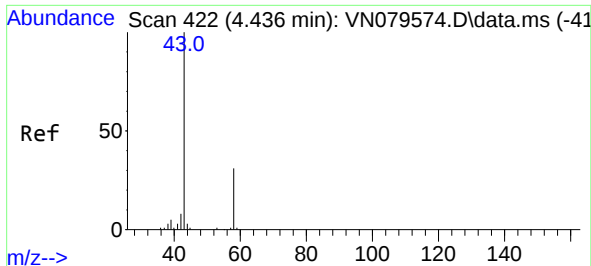


#14
Acrylonitrile
Concen: 51.409 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45



Tgt Ion: 53 Resp: 87394
Ion Ratio Lower Upper
53 100
52 83.2 41.6 124.9
51 37.9 17.8 53.3





#15

Acetone

Concen: 51.007 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079575.D

Acq: 17 Oct 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 58 Resp: 2753

Ion Ratio Lower Upper

58 100

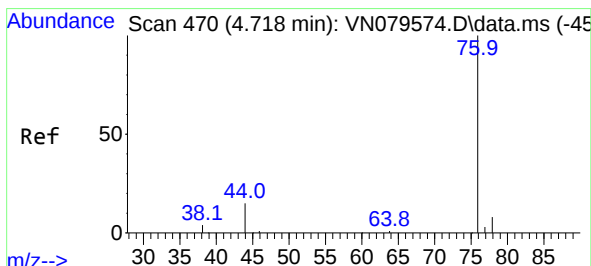
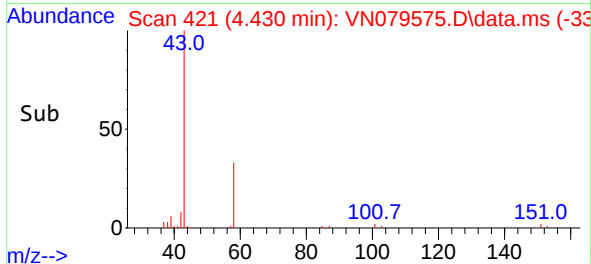
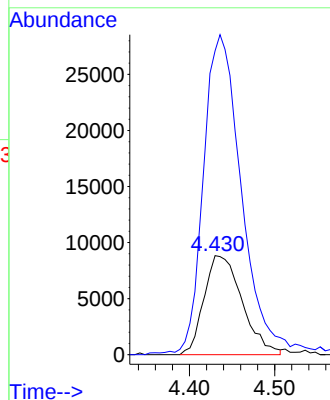
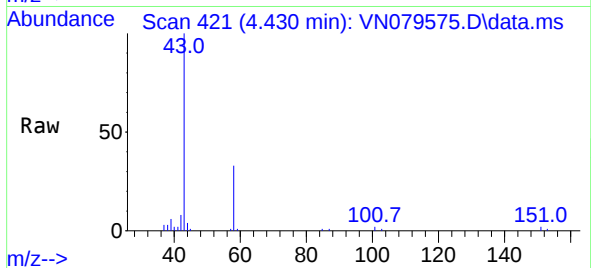
43 301.5 225.2 337.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Mahesh Dadoda 10/20/2023



#16

Carbon Disulfide

Concen: 10.423 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.000 min

Lab File: VN079575.D

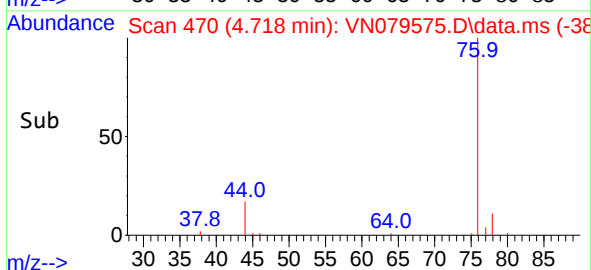
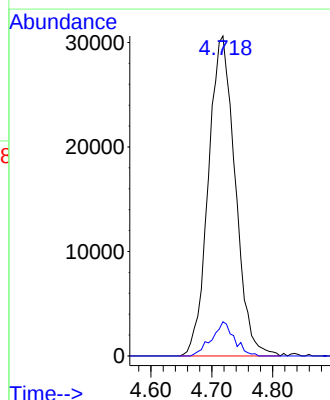
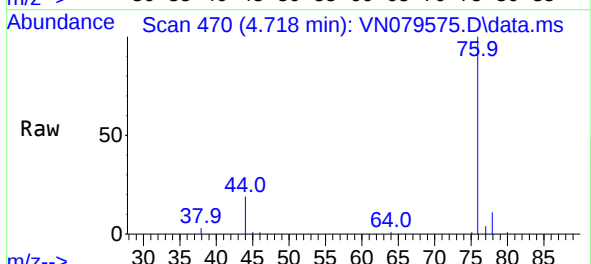
Acq: 17 Oct 2023 11:45

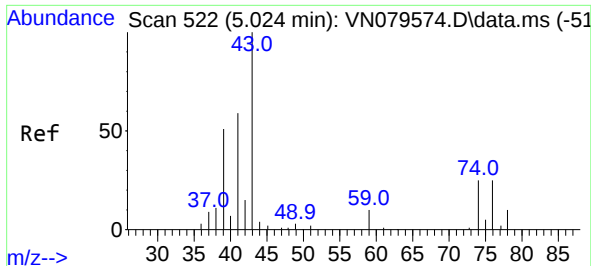
Tgt Ion: 76 Resp: 93592

Ion Ratio Lower Upper

76 100

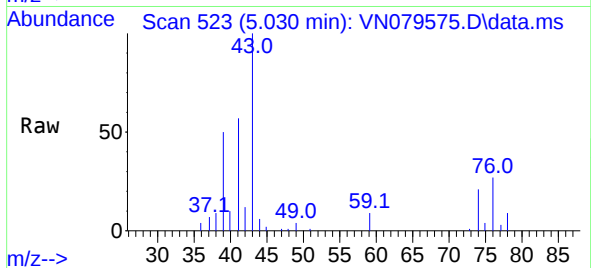
78 10.7 7.5 11.3





#17
 Allyl chloride
 Concen: 9.769 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079575.D
 Acq: 17 Oct 2023 11:45

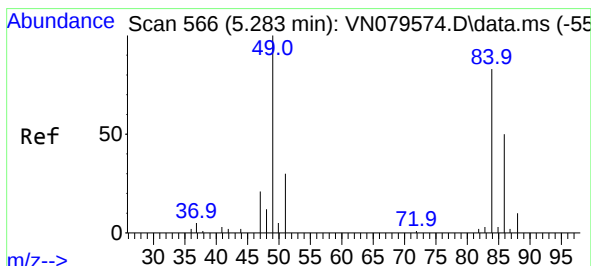
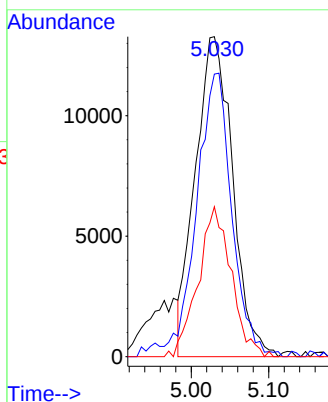
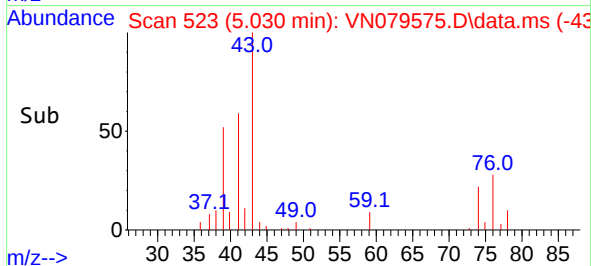
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



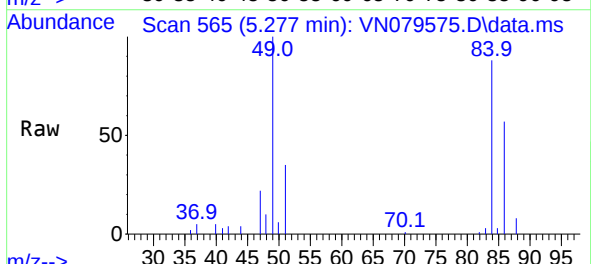
Tgt Ion: 41 Resp: 4435
 Ion Ratio Lower Upper
 41 100
 39 86.7 38.4 115.2
 76 46.9 19.5 58.5

Manual Integrations
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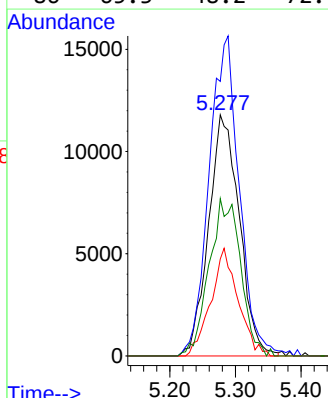
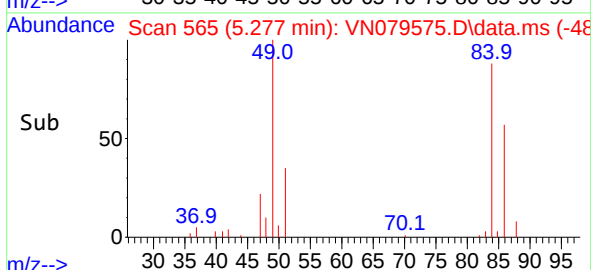
Reviewed By :John Carlone 10/18/2023
 Supervised By :Mahesh Dadoda 10/20/2023

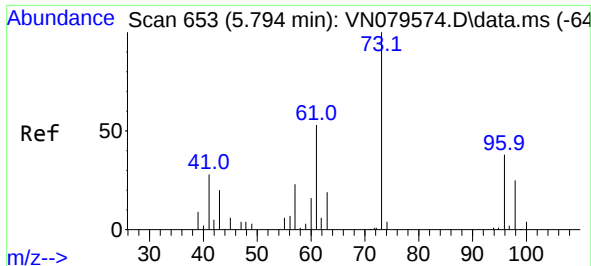


#18
 Methylene Chloride
 Concen: 10.598 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079575.D
 Acq: 17 Oct 2023 11:45



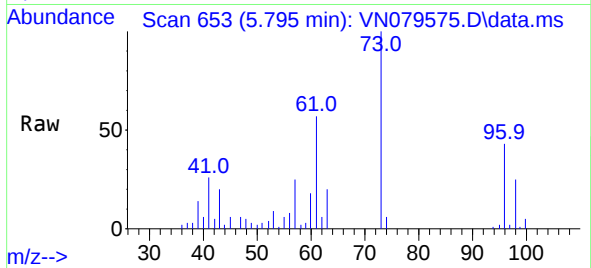
Tgt Ion: 84 Resp: 38413
 Ion Ratio Lower Upper
 84 100
 49 113.9 100.9 151.3
 51 40.2 29.4 44.2
 86 65.3 48.2 72.4





#19
trans-1,2-Dichloroethene
Concen: 10.059 ug/l
RT: 5.795 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

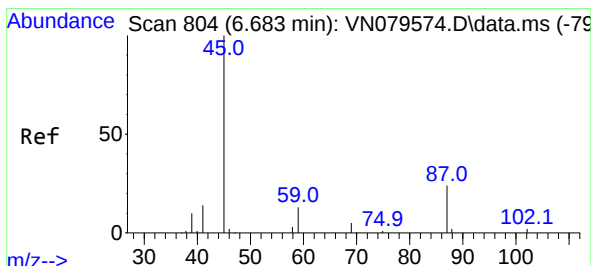
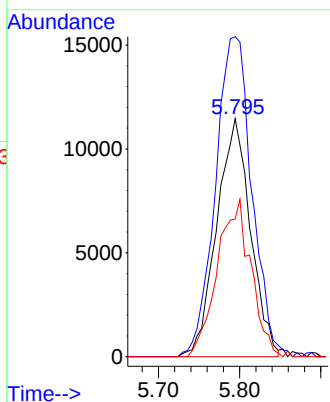
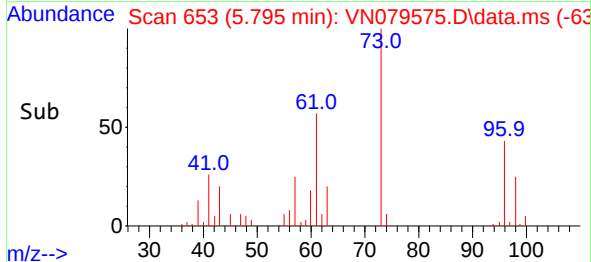
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



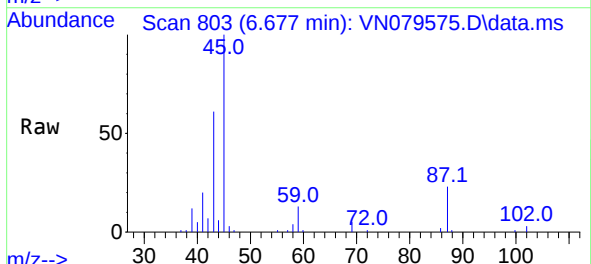
Tgt Ion: 96 Resp: 3313
Ion Ratio Lower Upper
96 100
61 134.5 113.4 170.0
98 57.8 50.4 75.6

Manual Integrations
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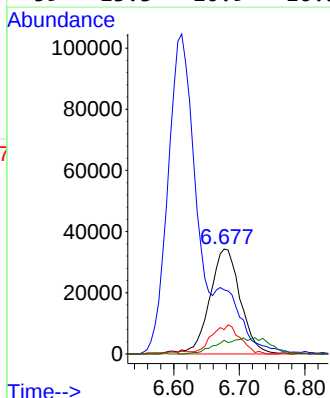
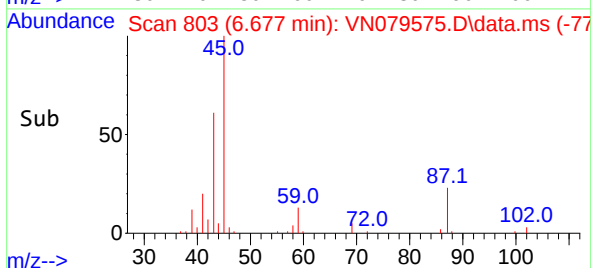
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

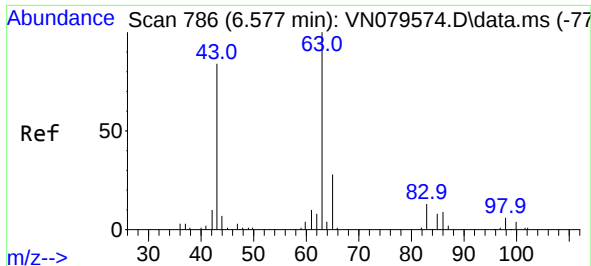


#20
Diisopropyl ether
Concen: 10.254 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45



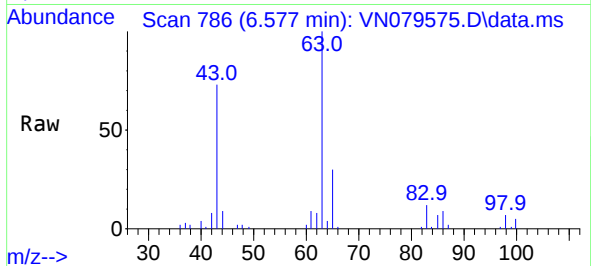
Tgt Ion: 45 Resp: 110380
Ion Ratio Lower Upper
45 100
43 57.2 42.1 63.1
87 23.4 20.5 30.7
59 13.3 10.9 16.3





#21
1,1-Dichloroethane
Concen: 10.410 ug/l
RT: 6.577 min Scan# 786
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

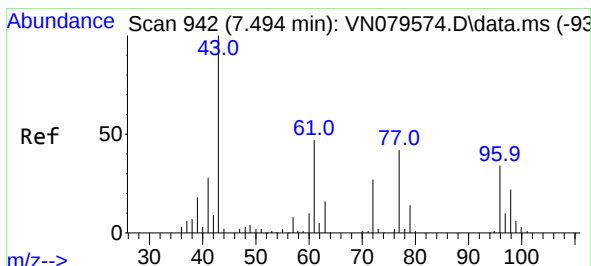
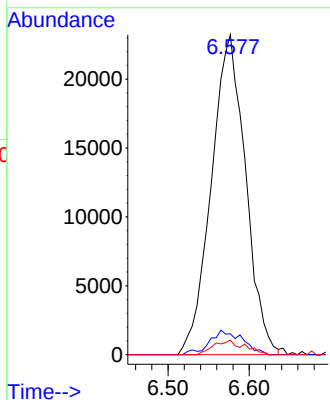
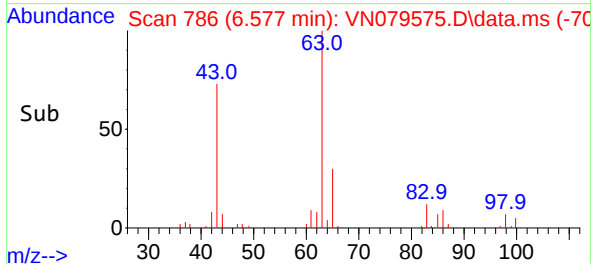
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



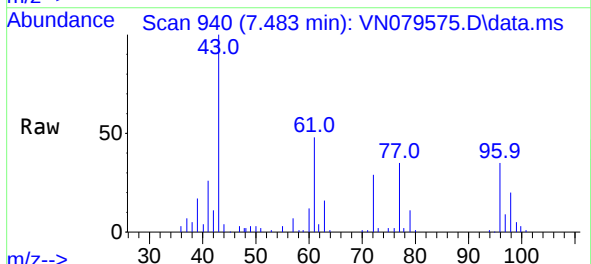
Tgt Ion: 63 Resp: 68098
Ion Ratio Lower Upper
63 100
98 6.5 2.8 8.4
100 4.6 1.9 5.7

Manual Integrations
APPROVED

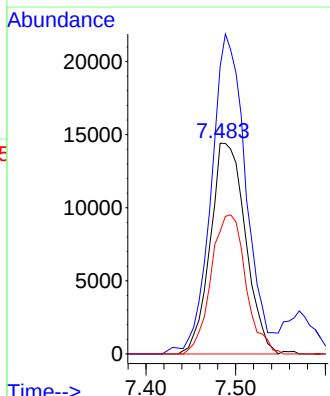
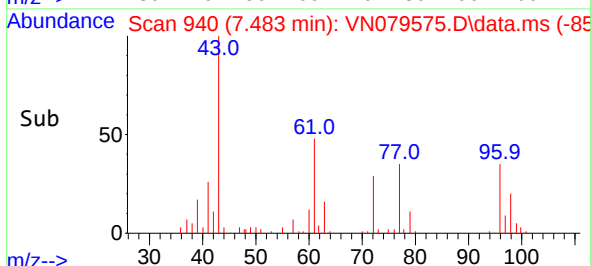
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

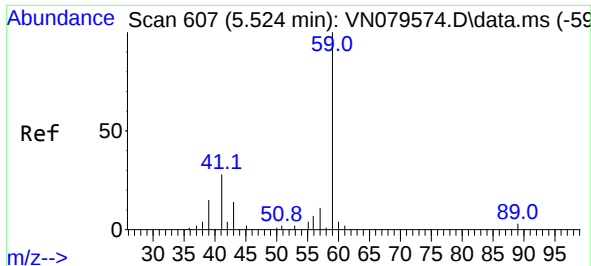


#22
cis-1,2-Dichloroethene
Concen: 10.322 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.012 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45



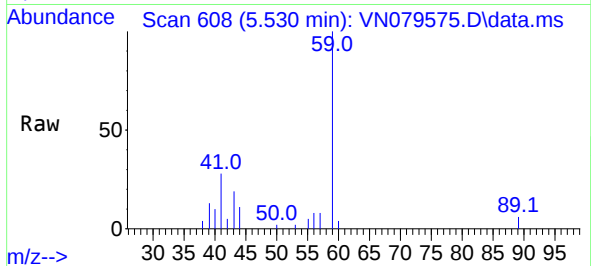
Tgt Ion: 96 Resp: 39164
Ion Ratio Lower Upper
96 100
61 146.6 124.6 186.8
98 65.2 54.2 81.4





#23
tert-Butyl Alcohol
Concen: 54.400 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

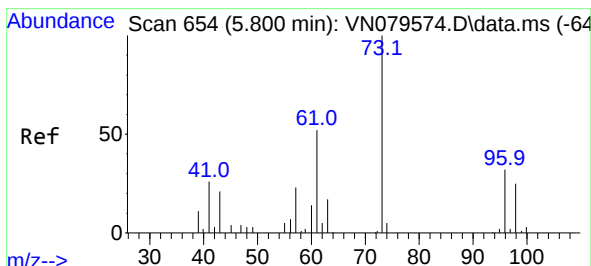
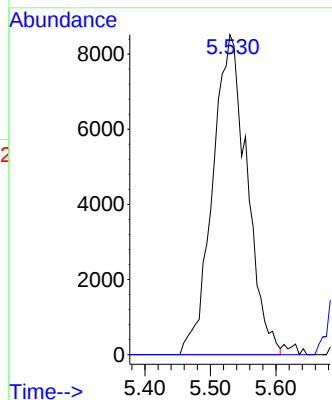
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 59 Resp: 30949
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

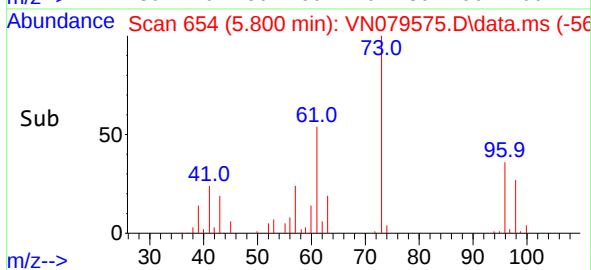
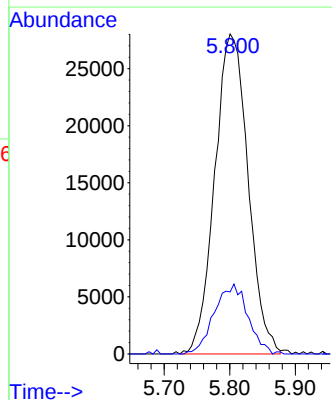
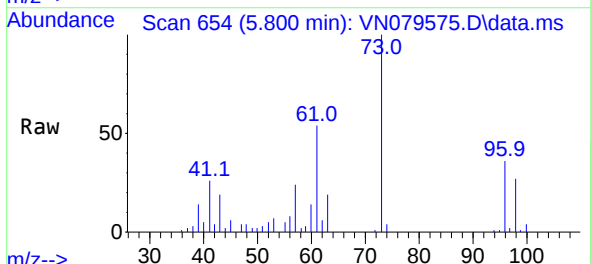
Manual Integrations
APPROVED

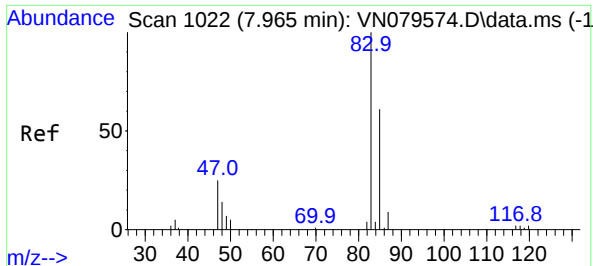
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#24
Methyl tert-Butyl Ether
Concen: 10.030 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion: 73 Resp: 99096
Ion Ratio Lower Upper
73 100
43 11.4 16.6 24.8#





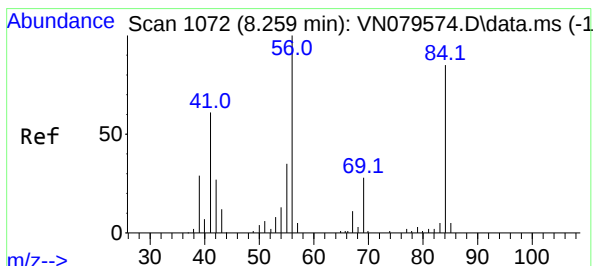
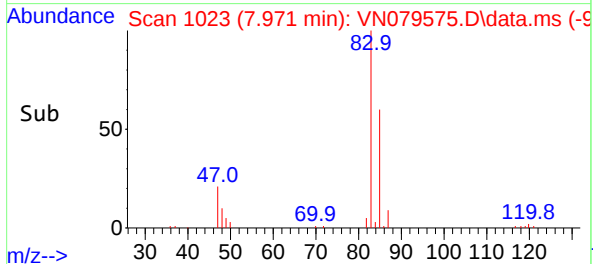
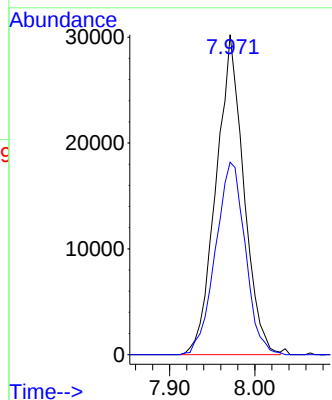
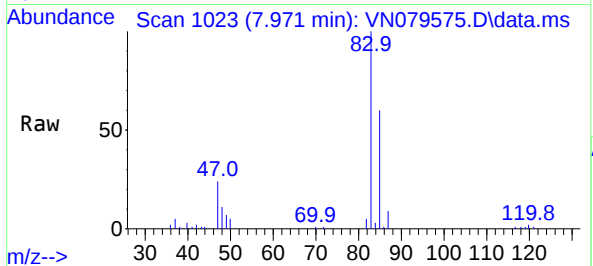
#25
Chloroform
Concen: 10.317 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 6819
Ion Ratio Lower Upper
83 100
85 60.1 47.4 71.2

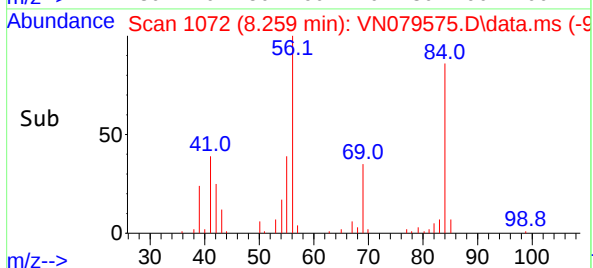
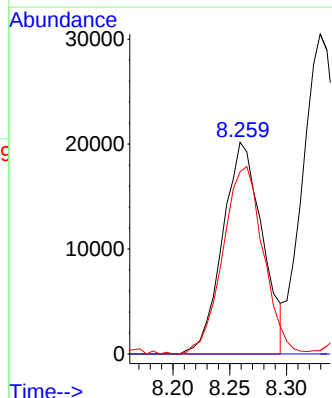
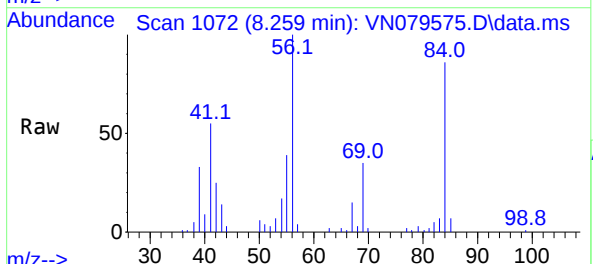
Manual Integrations
APPROVED

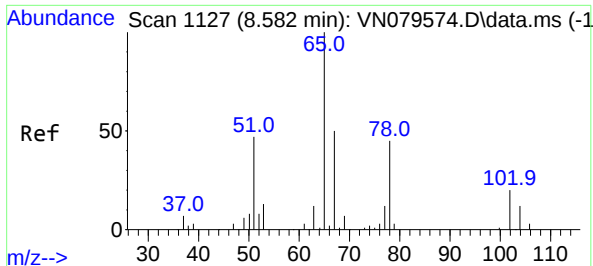
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#26
Cyclohexane
Concen: 9.900 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion: 56 Resp: 48956
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.4 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 30.111 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

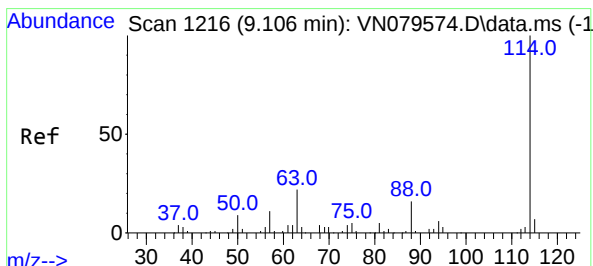
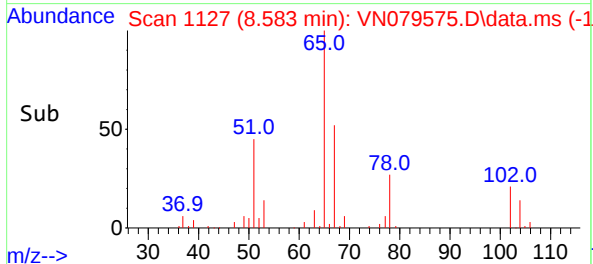
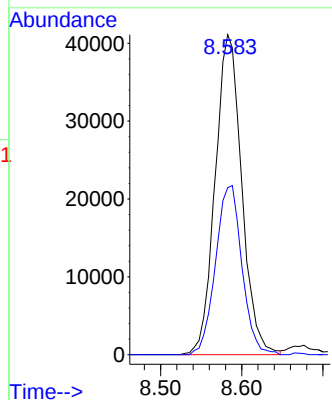
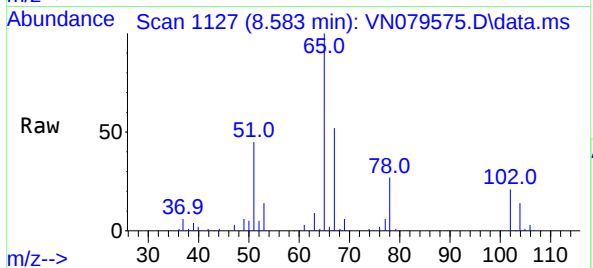
VSTDICC010

Tgt Ion: 65 Resp: 93558
Ion Ratio Lower Upper
65 100
67 52.4 42.1 63.1

Manual Integrations

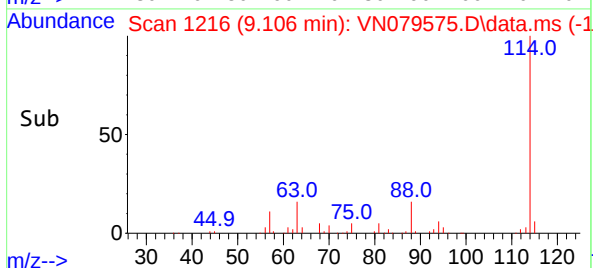
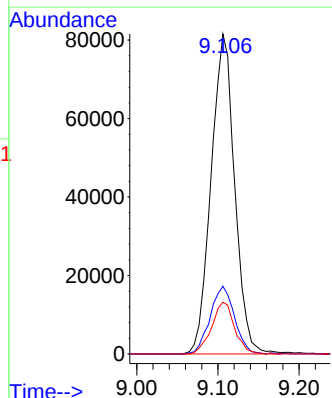
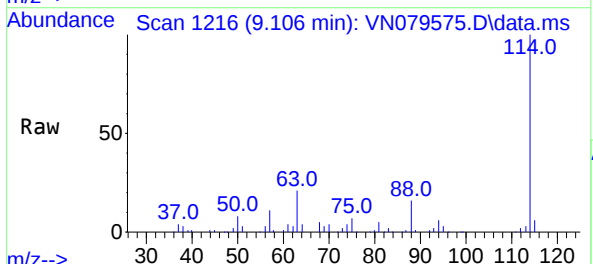
APPROVED

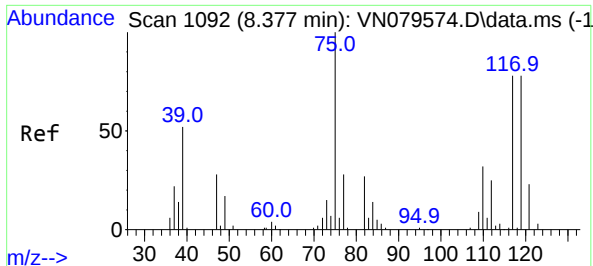
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion:114 Resp: 164479
Ion Ratio Lower Upper
114 100
63 21.8 18.1 27.1
88 15.7 12.2 18.2





#29
1,1-Dichloropropene
Concen: 10.171 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

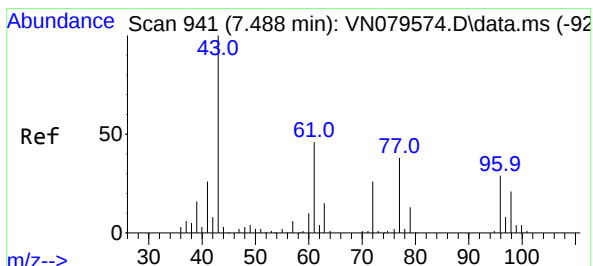
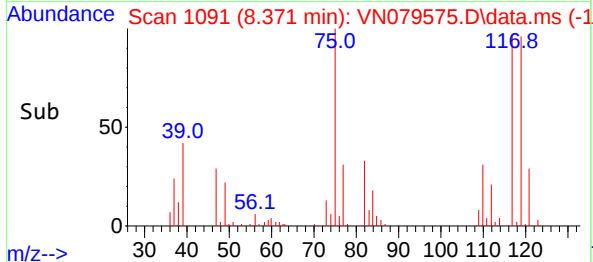
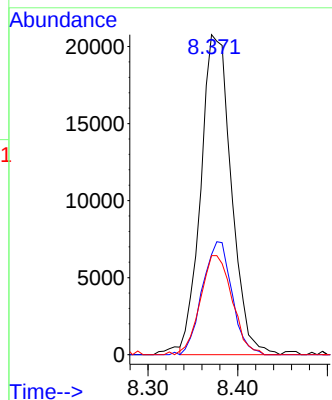
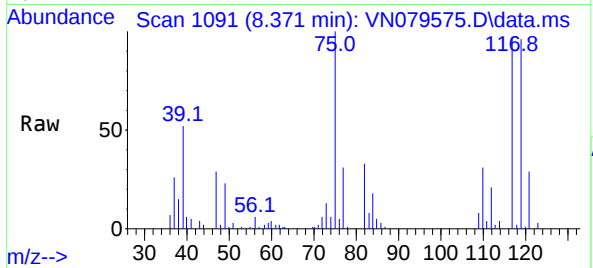
Tgt Ion: 75 Resp: 48890
Ion Ratio Lower Upper
75 100
110 34.3 0.0 66.8
77 32.3 0.0 61.2

Manual Integrations

APPROVED

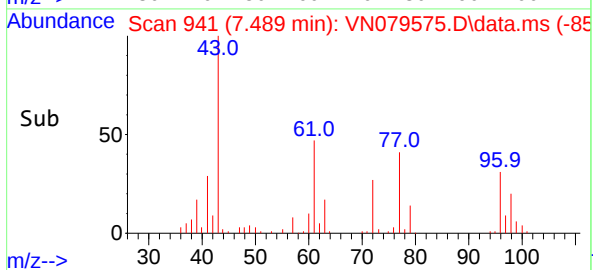
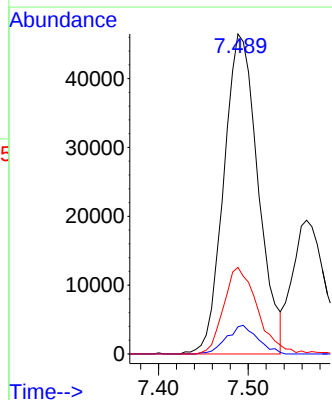
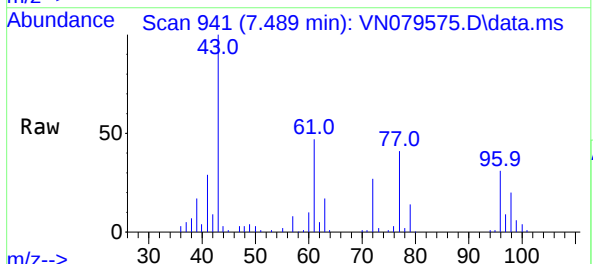
Reviewed By :John Carlone 10/18/2023

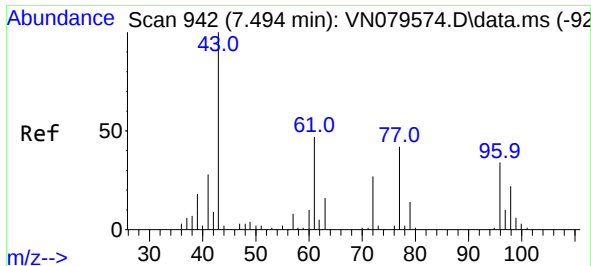
Supervised By :Mahesh Dadoda 10/20/2023



#30
2-Butanone
Concen: 51.323 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

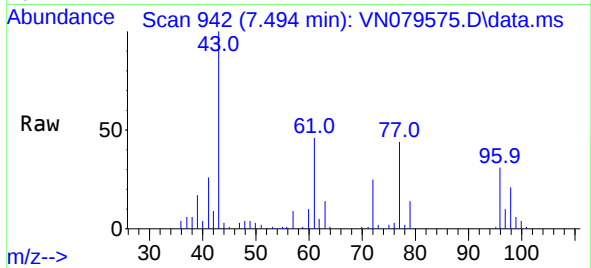
Tgt Ion: 43 Resp: 123657
Ion Ratio Lower Upper
43 100
57 8.1 6.4 9.6
72 26.4 20.7 31.1





#31
2,2-Dichloropropane
Concen: 10.367 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

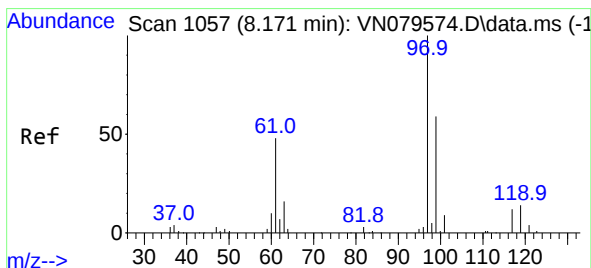
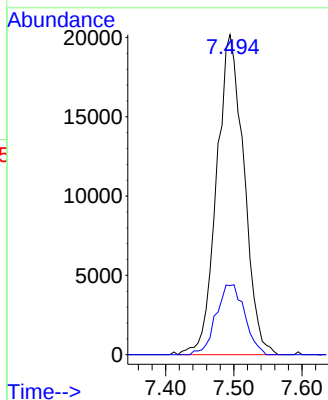
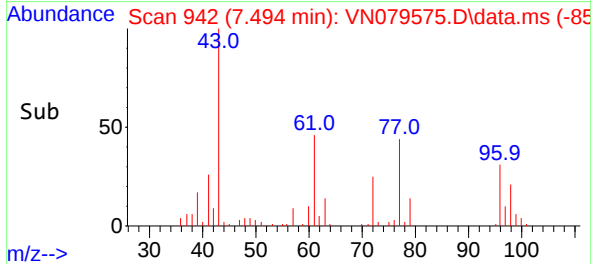
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



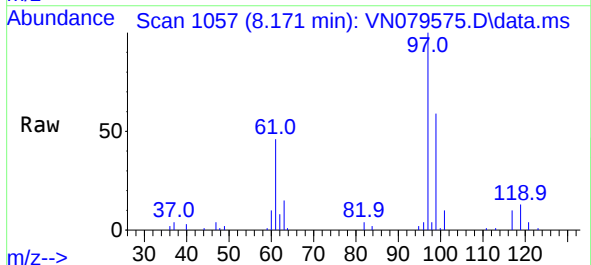
Tgt Ion: 77 Resp: 5618
Ion Ratio Lower Upper
77 100
97 22.9 17.9 26.9

Manual Integrations
APPROVED

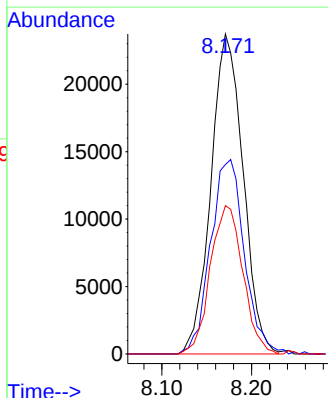
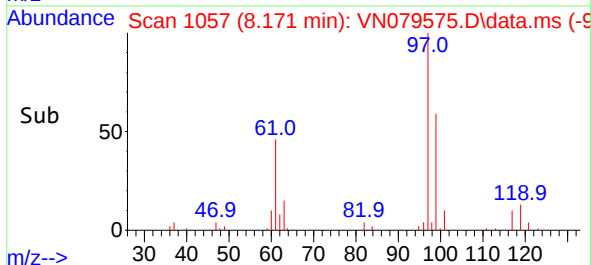
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

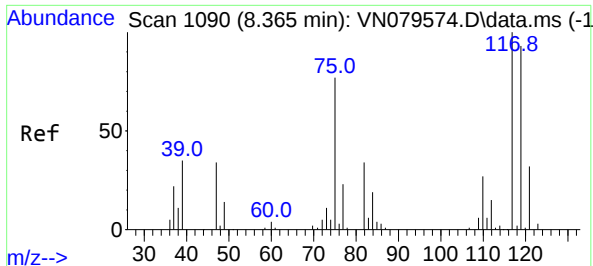


#32
1,1,1-Trichloroethane
Concen: 10.341 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45



Tgt Ion: 97 Resp: 59077
Ion Ratio Lower Upper
97 100
99 63.7 51.9 77.9
61 46.8 37.6 56.4





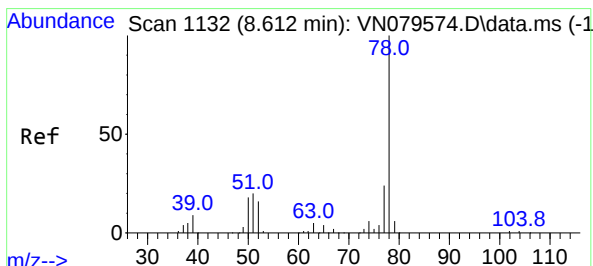
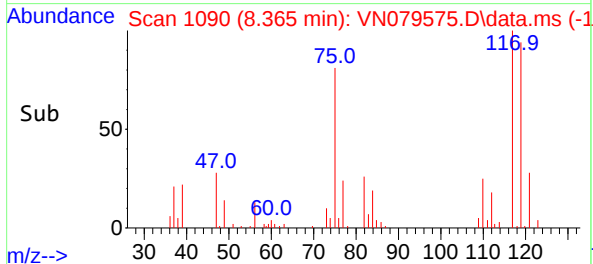
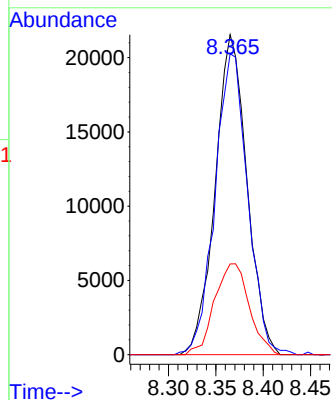
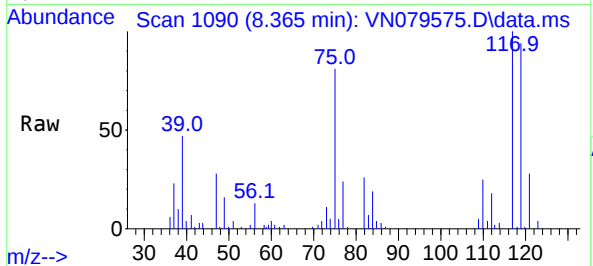
#33
Carbon Tetrachloride
Concen: 10.355 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 5031
Ion Ratio Lower Upper
117 100
119 93.3 75.0 112.6
121 28.3 24.3 36.5

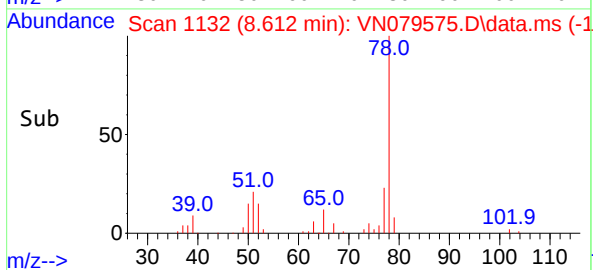
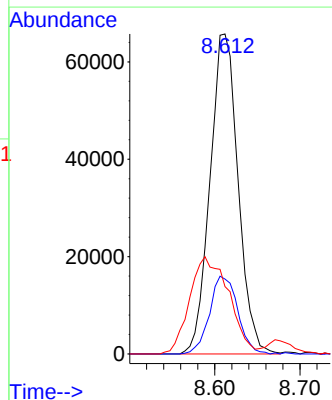
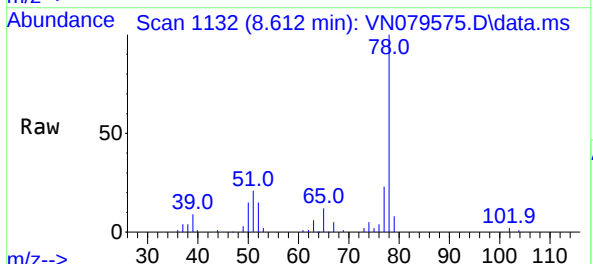
Manual Integrations
APPROVED

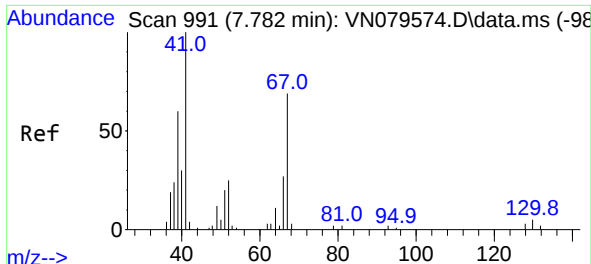
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#34
Benzene
Concen: 10.321 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

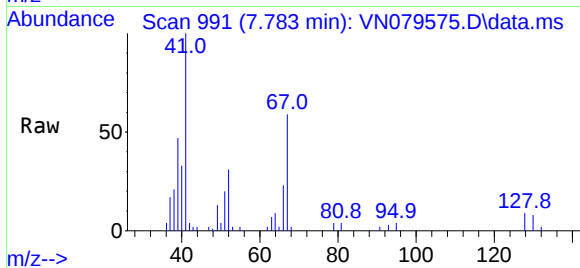
Tgt Ion: 78 Resp: 150728
Ion Ratio Lower Upper
78 100
77 23.4 19.7 29.5
51 17.0 15.8 23.6





#35
Methacrylonitrile
Concen: 10.031 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

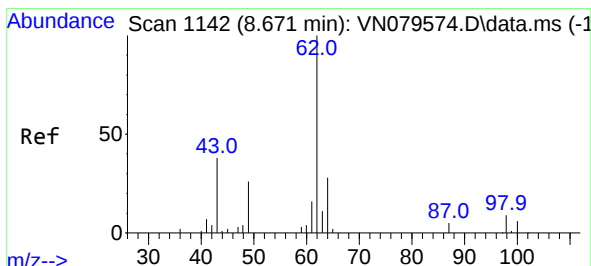
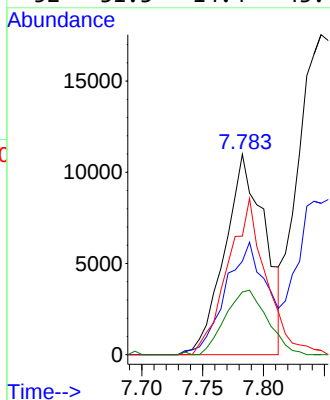
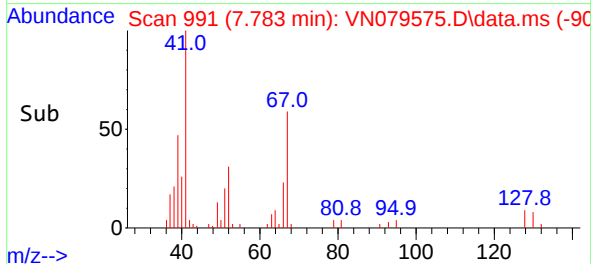
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



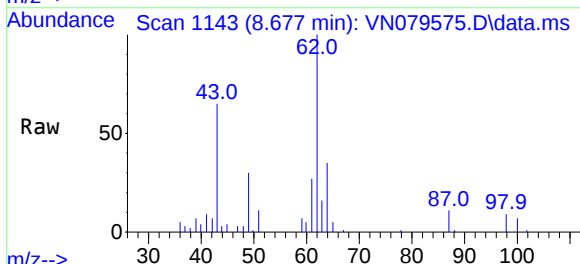
Tgt Ion: 41 Resp: 25429
Ion Ratio Lower Upper
41 100
39 46.6 26.3 78.8
67 59.1 37.5 112.3
52 31.3 14.4 43.4

Manual Integrations
APPROVED

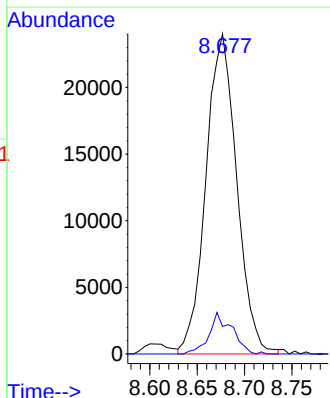
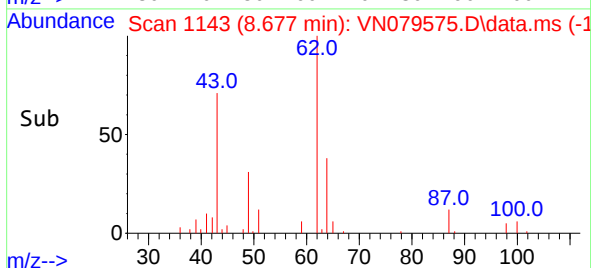
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

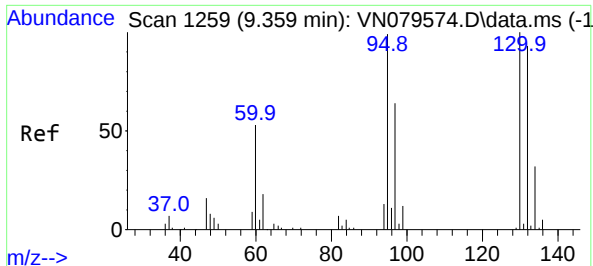


#36
1,2-Dichloroethane
Concen: 10.424 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45



Tgt Ion: 62 Resp: 54352
Ion Ratio Lower Upper
62 100
98 5.8 7.2 10.8#





#37
Trichloroethene
Concen: 10.283 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

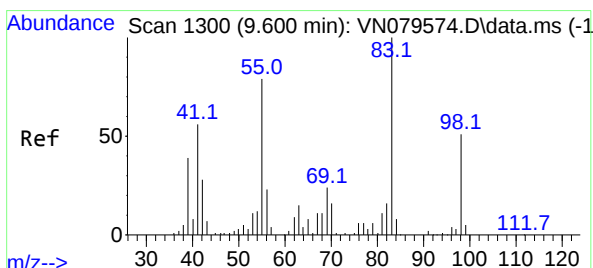
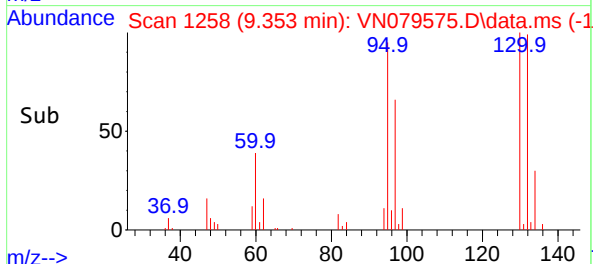
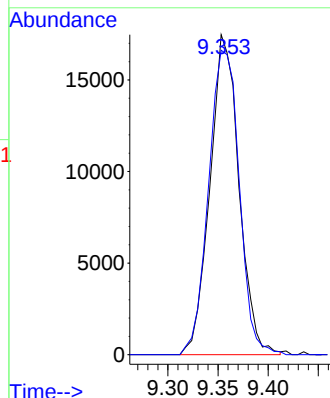
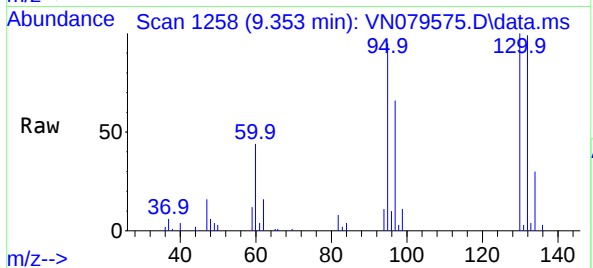
VSTDIC010

Tgt Ion:130 Resp: 35104
Ion Ratio Lower Upper
130 100
95 95.1 81.2 121.8

Manual Integrations

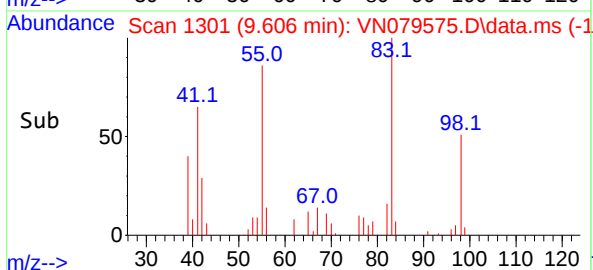
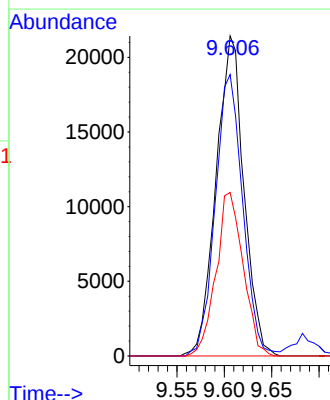
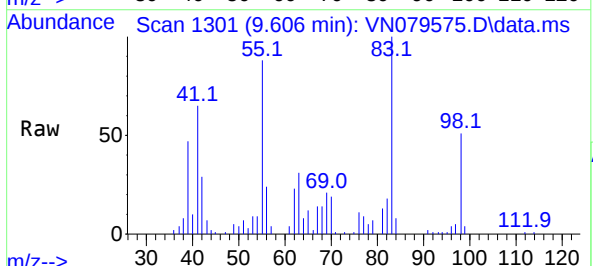
APPROVED

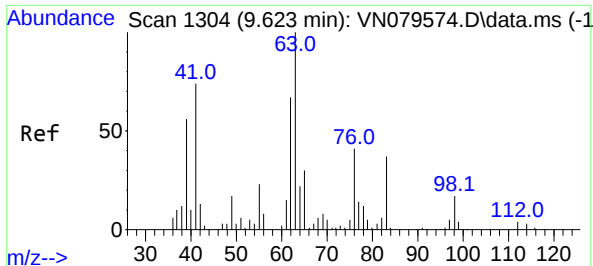
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#38
Methylcyclohexane
Concen: 9.470 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion: 83 Resp: 43825
Ion Ratio Lower Upper
83 100
55 86.6 39.7 119.1
98 49.7 24.4 73.2





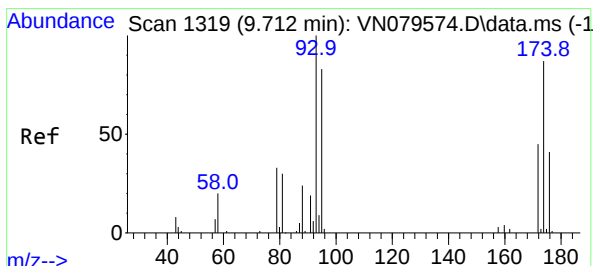
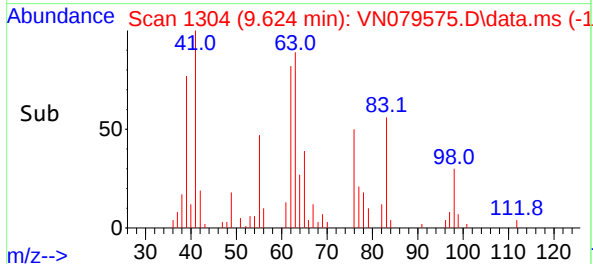
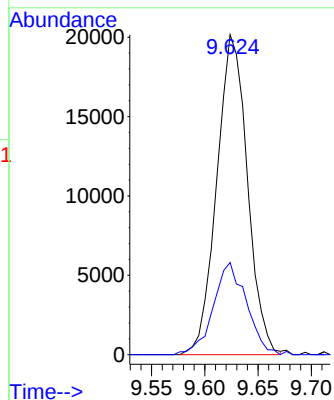
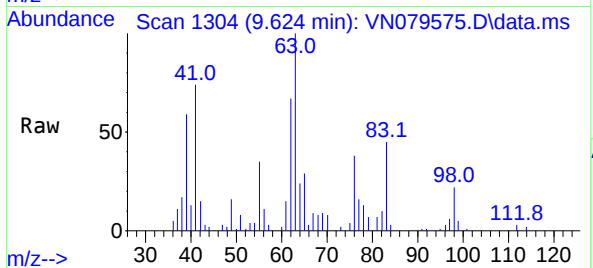
#39
1,2-Dichloropropane
Concen: 10.457 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 63 Resp: 4030
Ion Ratio Lower Upper
63 100
65 28.8 25.3 37.9

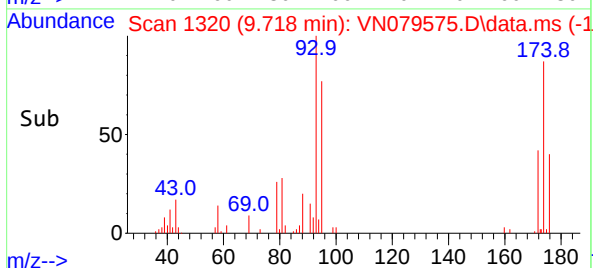
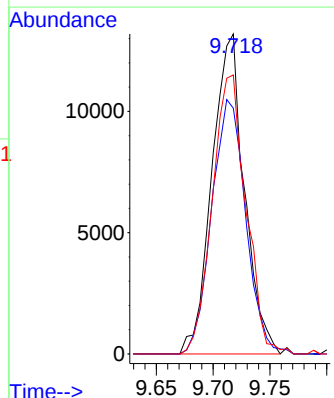
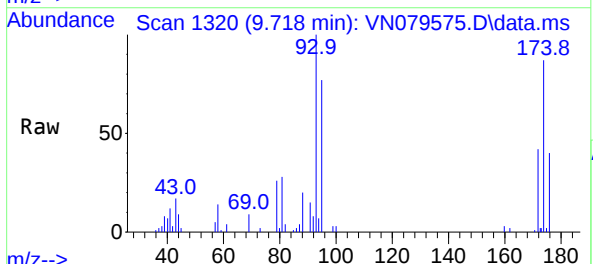
Manual Integrations
APPROVED

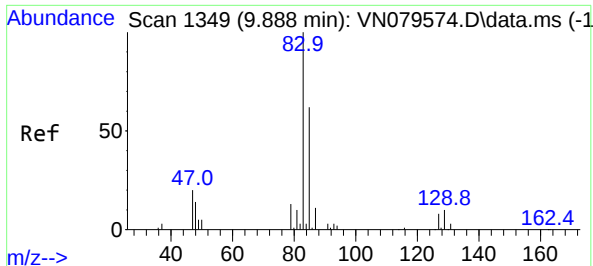
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#40
Dibromomethane
Concen: 10.344 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

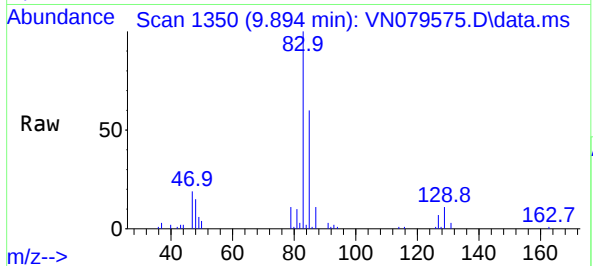
Tgt Ion: 93 Resp: 26163
Ion Ratio Lower Upper
93 100
95 83.5 0.0 166.6
174 90.4 0.0 171.0





#41
Bromodichloromethane
Concen: 10.515 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

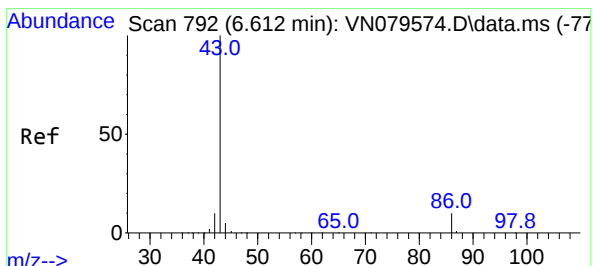
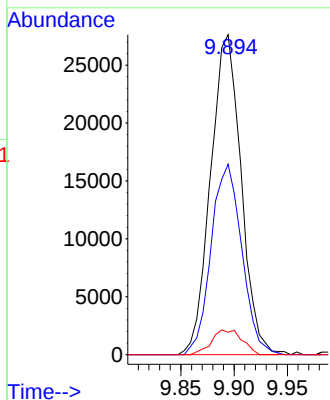
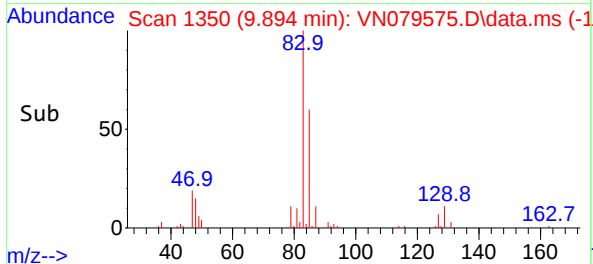
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



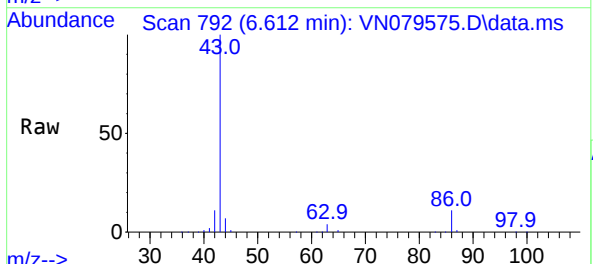
Tgt Ion: 83 Resp: 5511
Ion Ratio Lower Upper
83 100
85 59.5 50.3 75.5
127 7.0 6.8 10.2

Manual Integrations
APPROVED

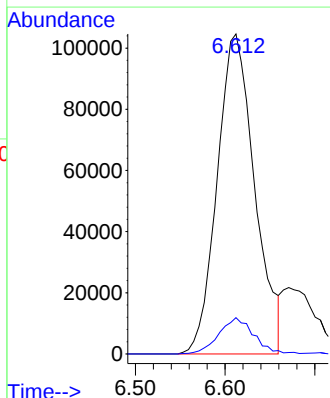
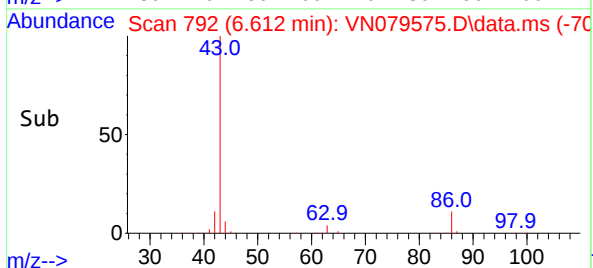
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

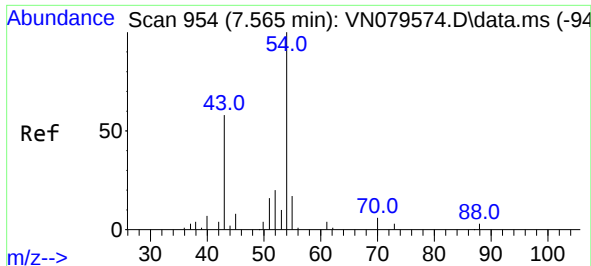


#42
Vinyl Acetate
Concen: 49.823 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45



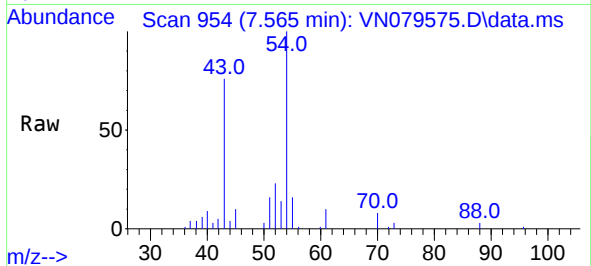
Tgt Ion: 43 Resp: 304517
Ion Ratio Lower Upper
43 100
86 10.4 8.2 12.2





#43
Ethyl Acetate
Concen: 9.627 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

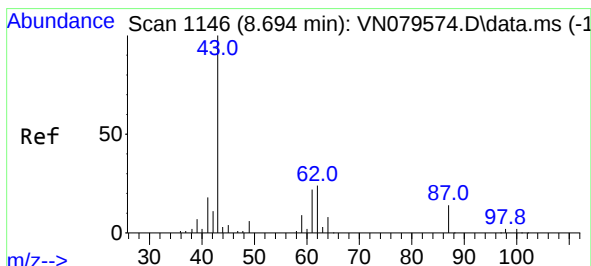
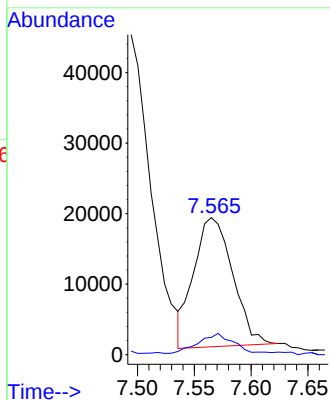
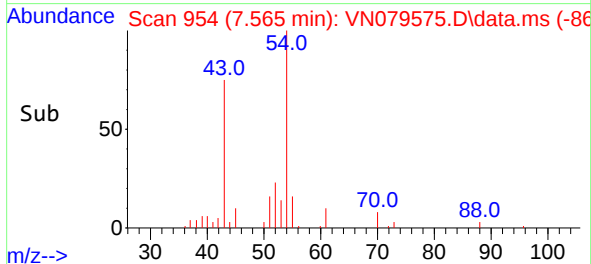
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



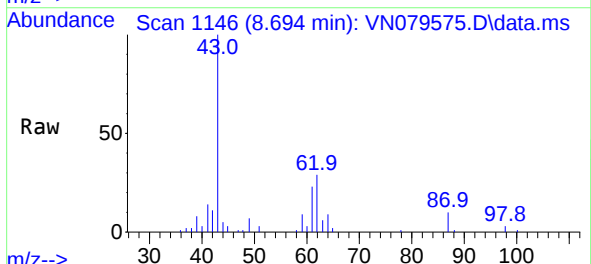
Tgt Ion: 43 Resp: 43618
Ion Ratio Lower Upper
43 100
45 15.3 11.8 17.8

Manual Integrations
APPROVED

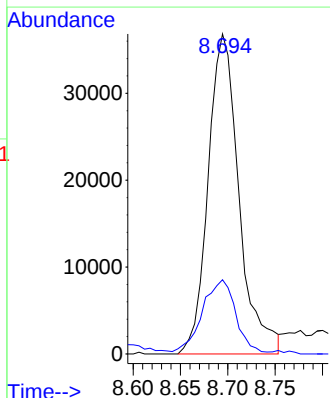
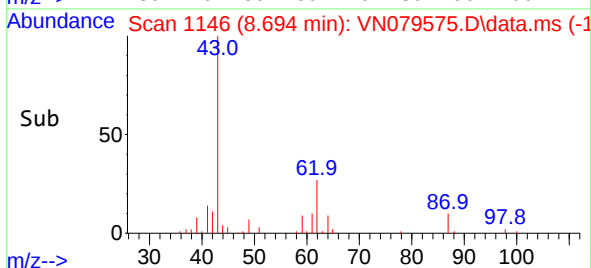
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

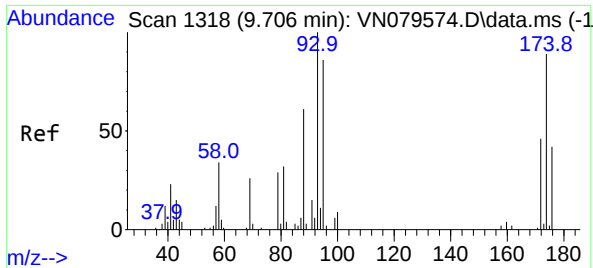


#44
Isopropyl Acetate
Concen: 10.389 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45



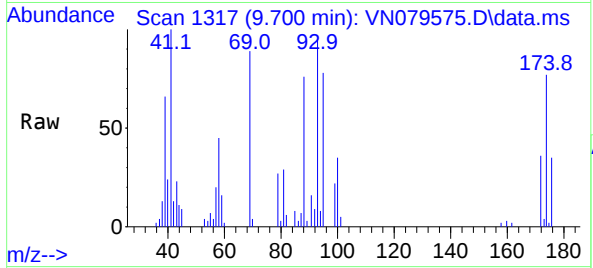
Tgt Ion: 43 Resp: 83674
Ion Ratio Lower Upper
43 100
61 25.4 20.3 30.5





#45
1,4-Dioxane
Concen: 204.036 ug/l
RT: 9.700 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

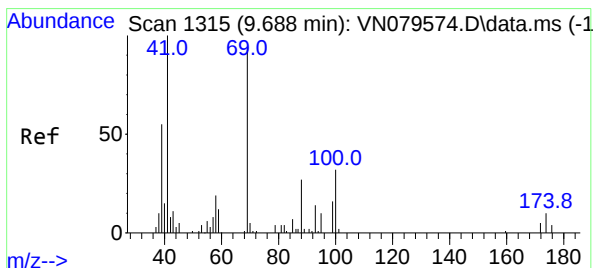
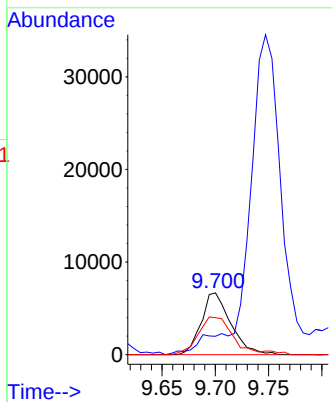
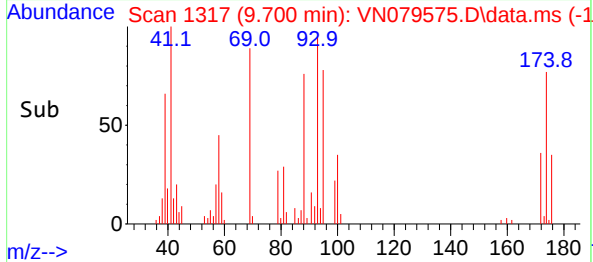
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



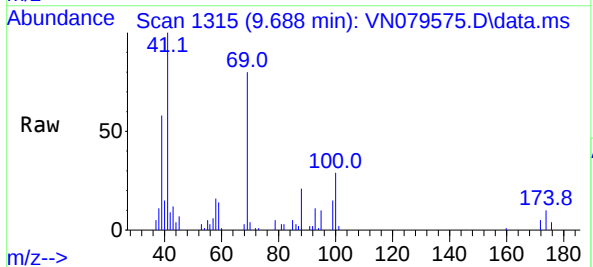
Tgt Ion: 88 Resp: 1286
Ion Ratio Lower Upper
88 100
43 23.7 28.7 43.1
58 69.8 56.9 85.3

Manual Integrations
APPROVED

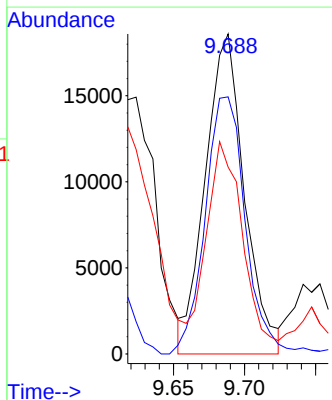
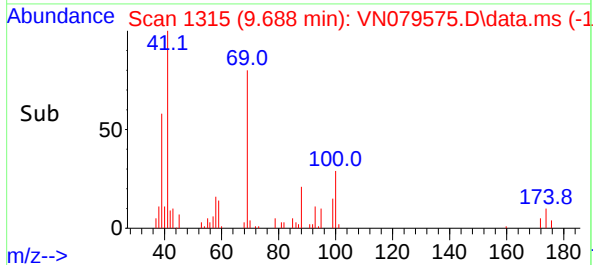
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

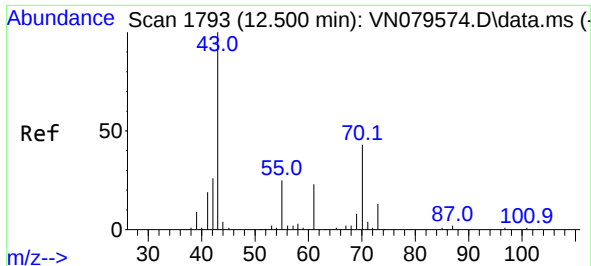


#46
Methyl methacrylate
Concen: 9.958 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45



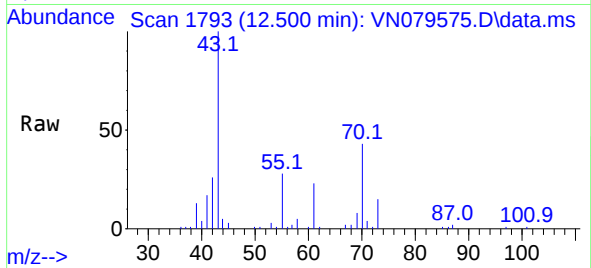
Tgt Ion: 41 Resp: 35579
Ion Ratio Lower Upper
41 100
69 84.3 40.0 119.9
39 58.9 31.1 93.3





#47
n-amy1 Acetate
Concen: 9.257 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

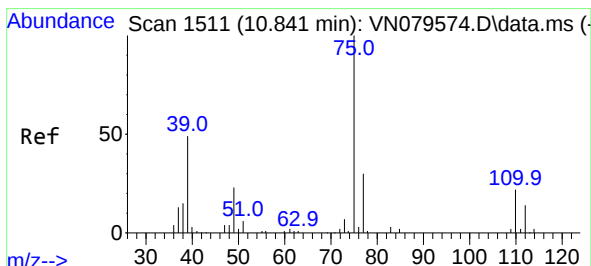
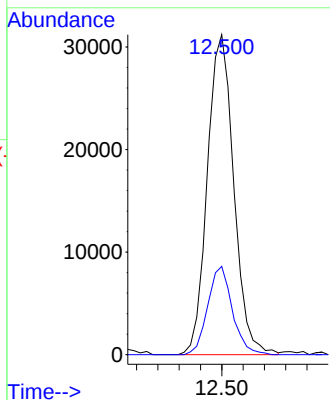
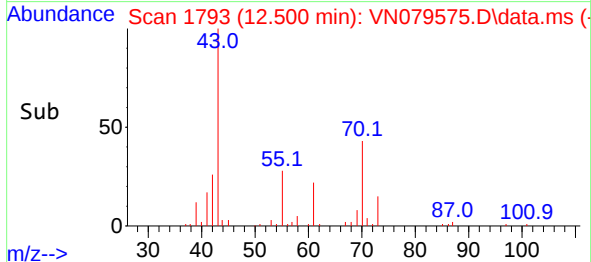
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



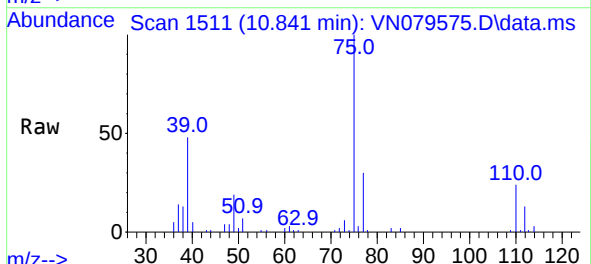
Tgt Ion: 43 Resp: 5380
Ion Ratio Lower Upper
43 100
55 25.7 20.7 31.1

Manual Integrations
APPROVED

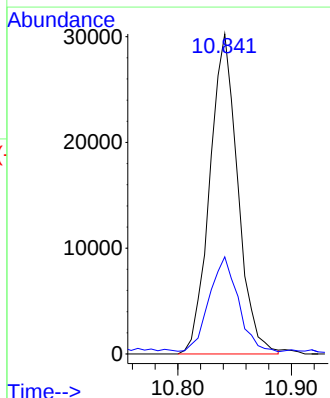
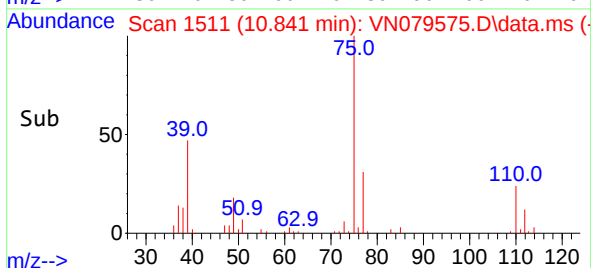
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

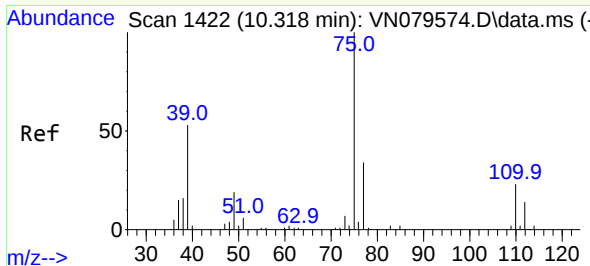


#48
t-1,3-Dichloropropene
Concen: 9.786 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45



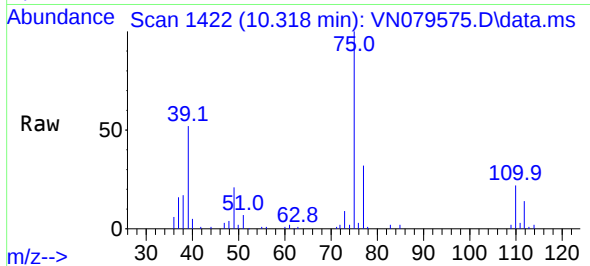
Tgt Ion: 75 Resp: 51851
Ion Ratio Lower Upper
75 100
77 29.7 25.6 38.4





#49
 cis-1,3-Dichloropropene
 Concen: 9.983 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079575.D
 Acq: 17 Oct 2023 11:45

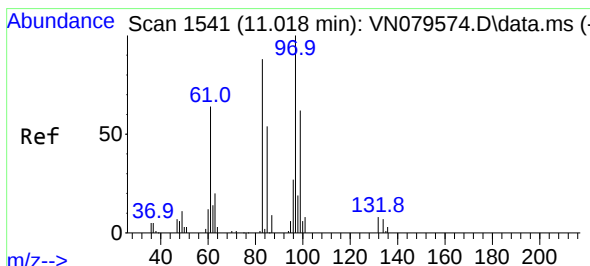
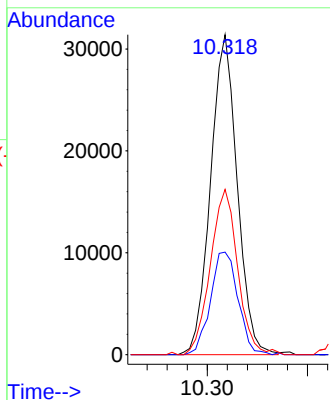
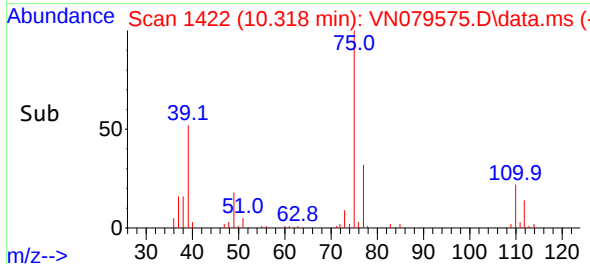
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 75 Resp: 5784
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.6
 39 51.6 42.4 63.6

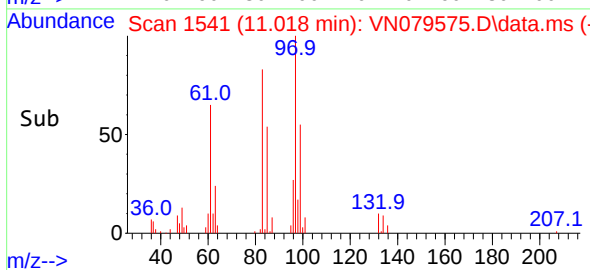
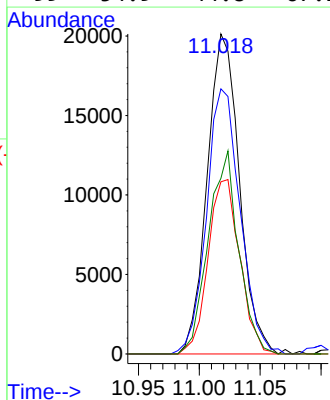
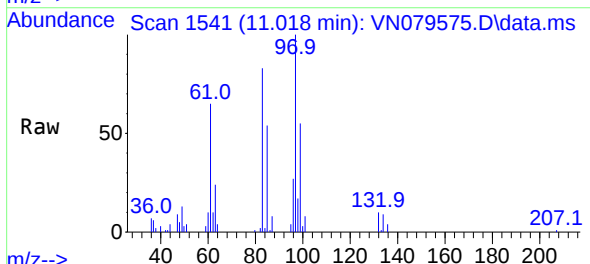
Manual Integrations
 APPROVED

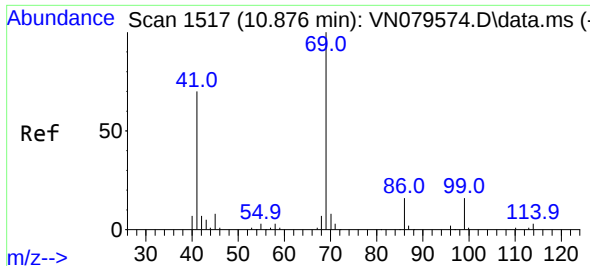
Reviewed By :John Carlone 10/18/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#50
 1,1,2-Trichloroethane
 Concen: 10.537 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN079575.D
 Acq: 17 Oct 2023 11:45

Tgt Ion: 97 Resp: 36970
 Ion Ratio Lower Upper
 97 100
 83 81.8 68.2 102.4
 85 53.8 42.9 64.3
 99 54.9 44.8 67.2





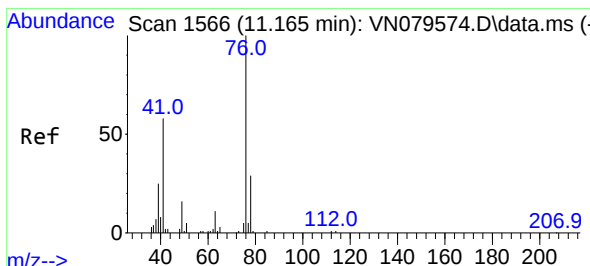
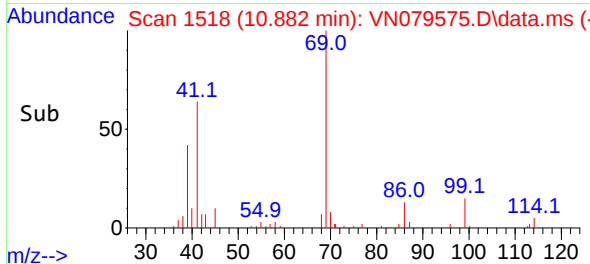
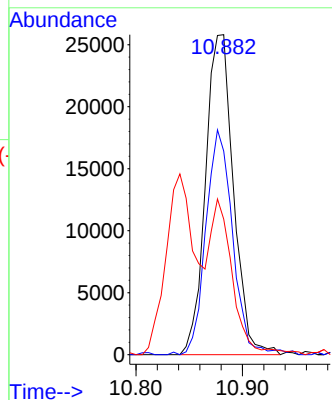
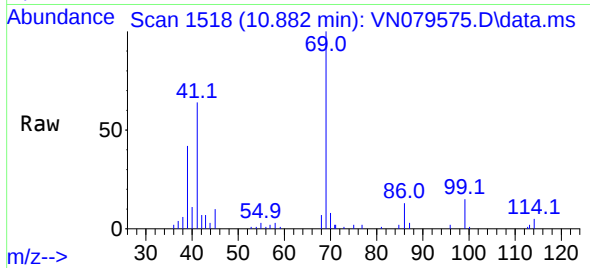
#51
Ethyl methacrylate
Concen: 9.722 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 69 Resp: 4706
Ion Ratio Lower Upper
69 100
41 63.6 33.8 101.3
39 41.1 21.3 63.9

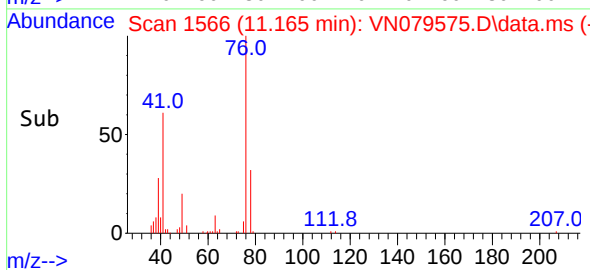
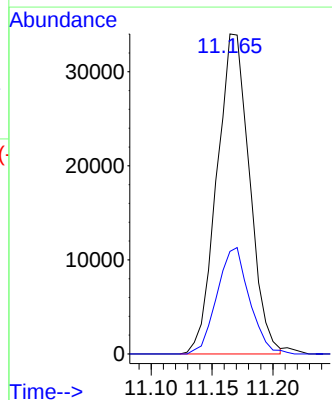
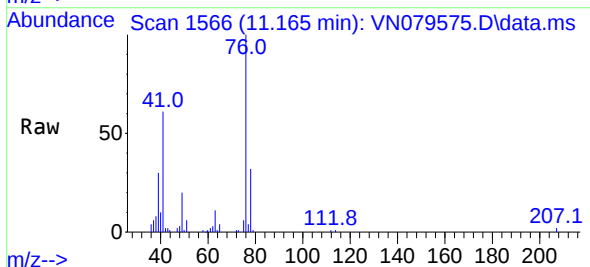
Manual Integrations
APPROVED

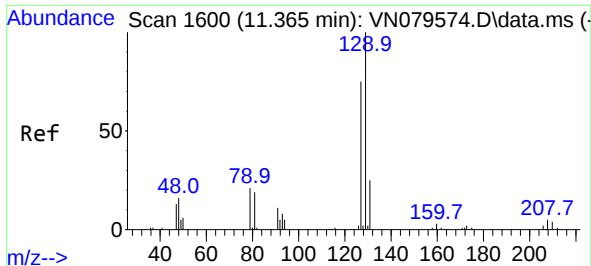
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#52
1,3-Dichloropropane
Concen: 10.209 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion: 76 Resp: 63455
Ion Ratio Lower Upper
76 100
78 33.0 0.0 64.0





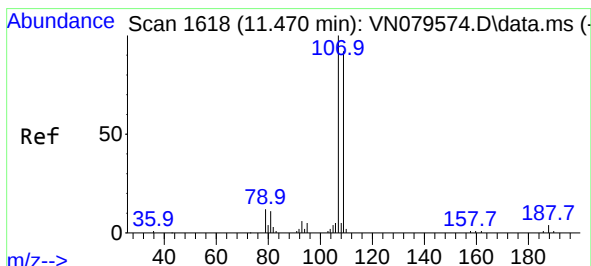
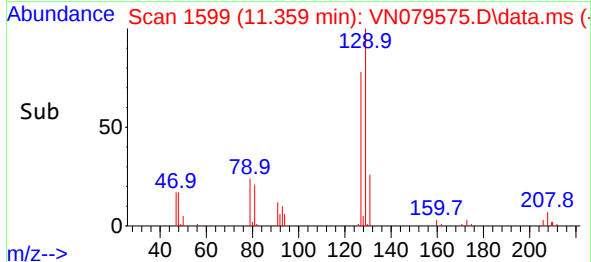
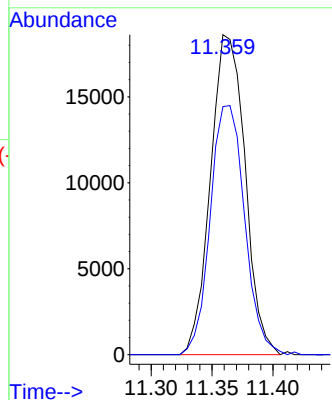
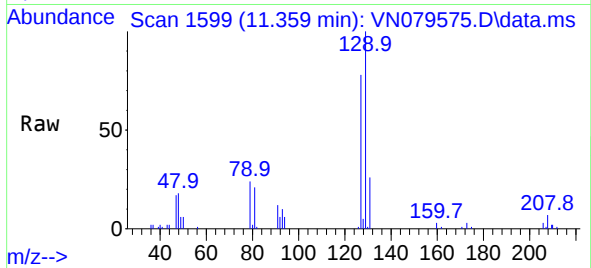
#53
Dibromochloromethane
Concen: 10.262 ug/l
RT: 11.359 min Scan# 11359
Delta R.T. -0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:129 Resp: 36798
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3

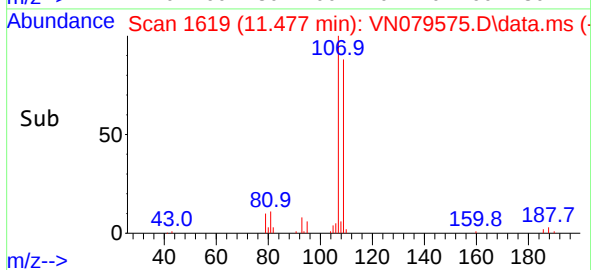
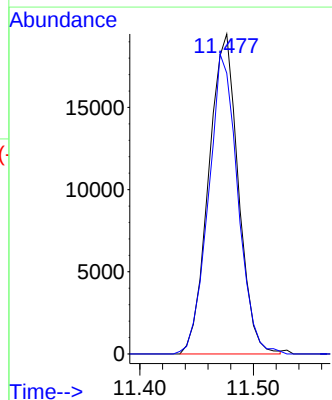
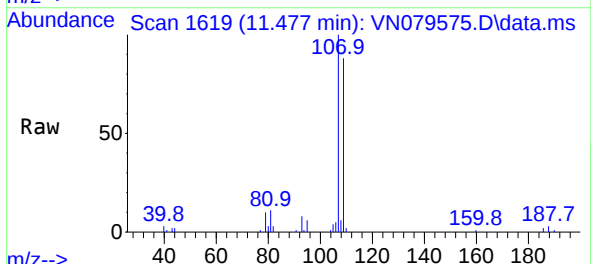
Manual Integrations
APPROVED

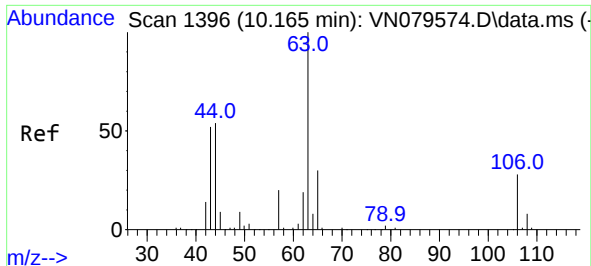
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#54
1,2-Dibromoethane
Concen: 10.183 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion:107 Resp: 35250
Ion Ratio Lower Upper
107 100
109 92.7 73.2 109.8





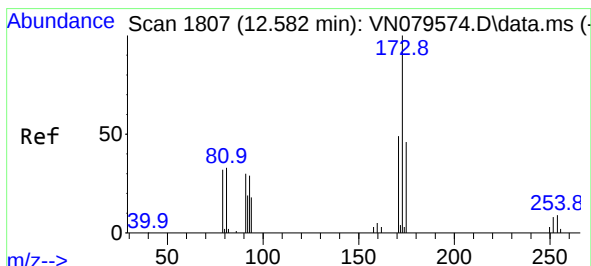
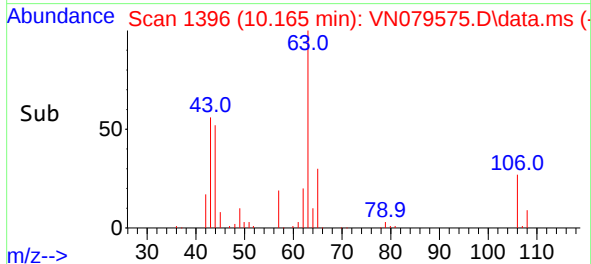
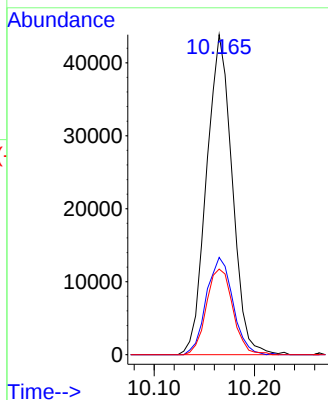
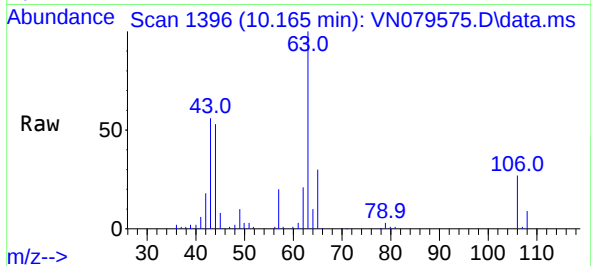
#55
2-Chloroethyl vinyl ether
Concen: 42.203 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 63 Resp: 7794
Ion Ratio Lower Upper
63 100
65 31.4 25.9 38.9
106 27.6 20.6 30.8

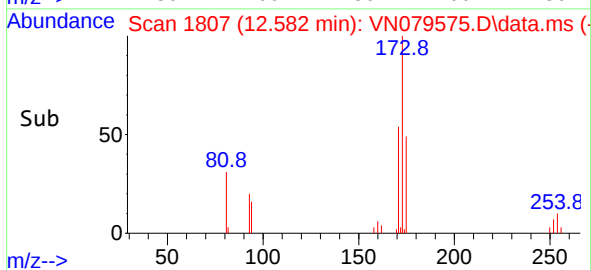
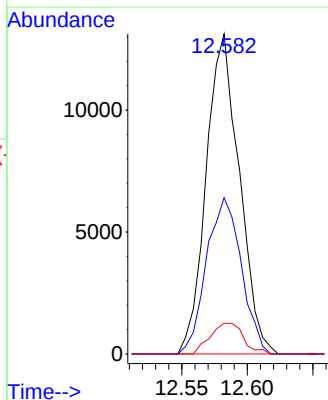
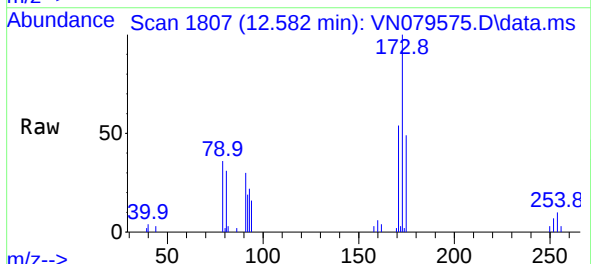
Manual Integrations
APPROVED

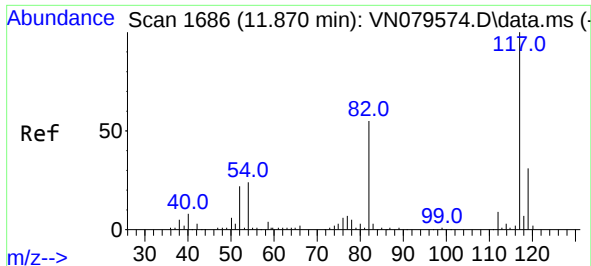
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#56
Bromoform
Concen: 9.726 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion:173 Resp: 23072
Ion Ratio Lower Upper
173 100
175 51.2 37.9 56.9
254 9.6 7.3 10.9





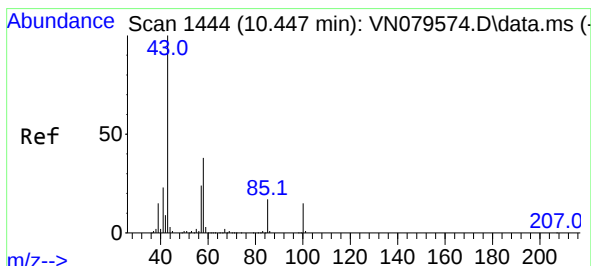
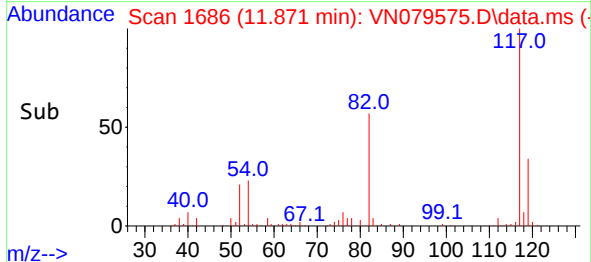
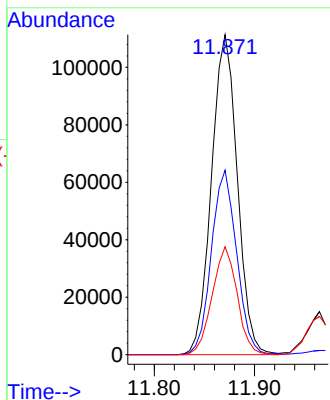
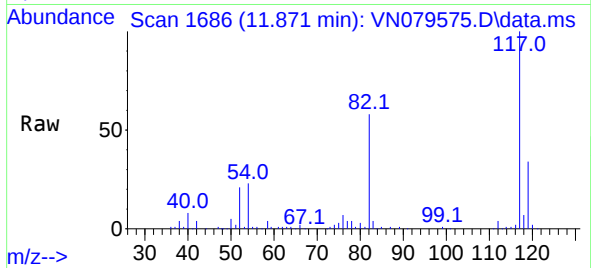
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 117 Resp: 199562
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.2
119 32.5 25.2 37.8

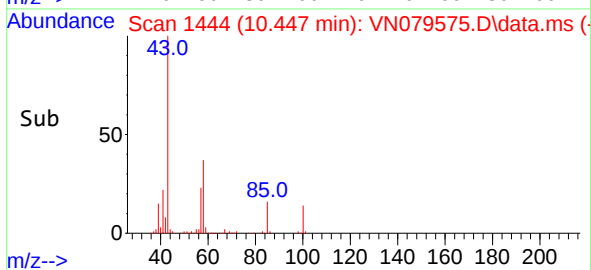
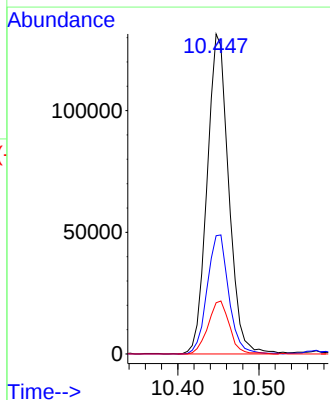
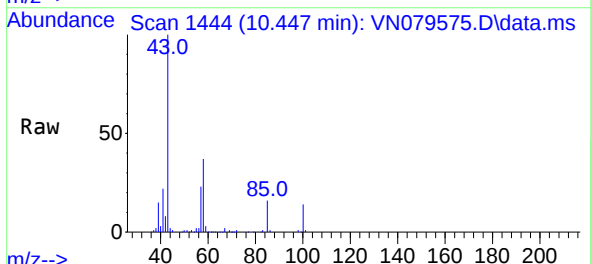
Manual Integrations
APPROVED

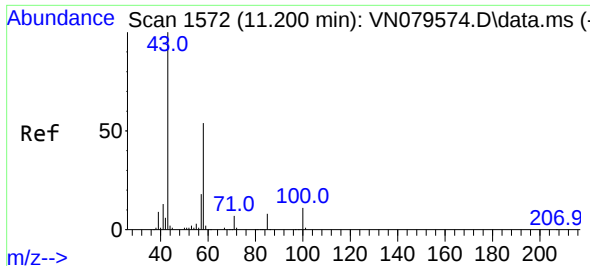
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#58
4-Methyl-2-Pentanone
Concen: 52.162 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

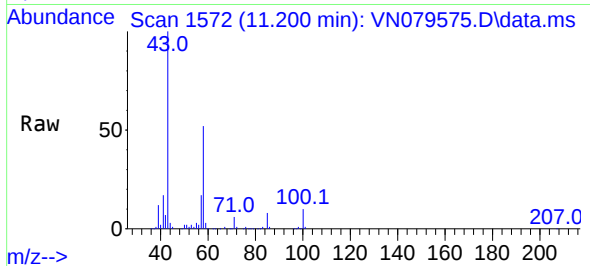
Tgt Ion: 43 Resp: 242800
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6
85 16.3 13.2 19.8





#59
2-Hexanone
Concen: 50.130 ug/l
RT: 11.200 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

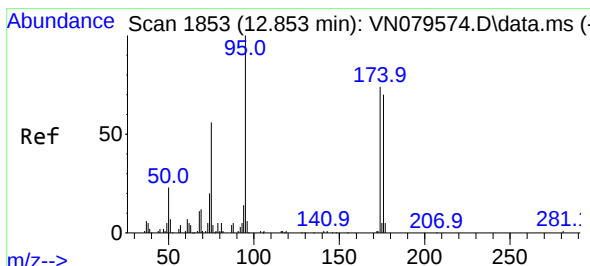
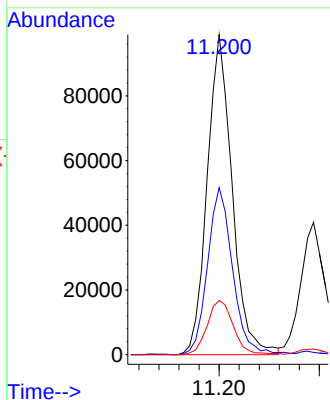
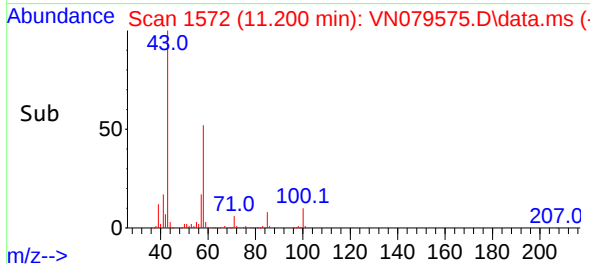
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



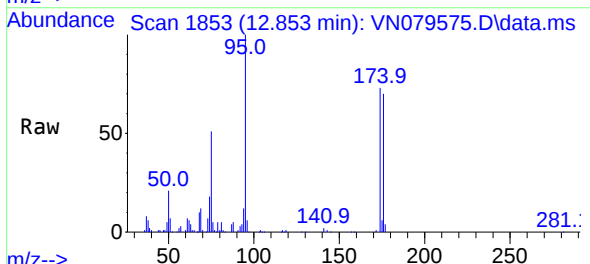
Tgt Ion: 43 Resp: 171180
Ion Ratio Lower Upper
43 100
58 52.1 42.3 63.5
57 17.8 13.9 20.9

Manual Integrations
APPROVED

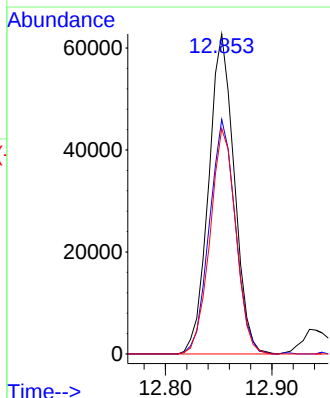
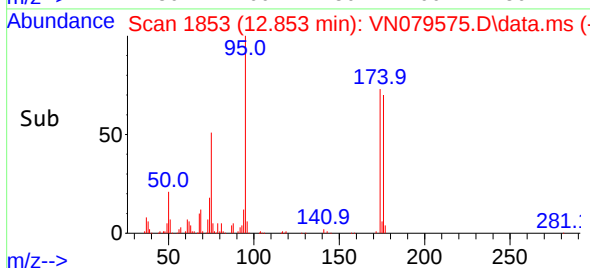
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

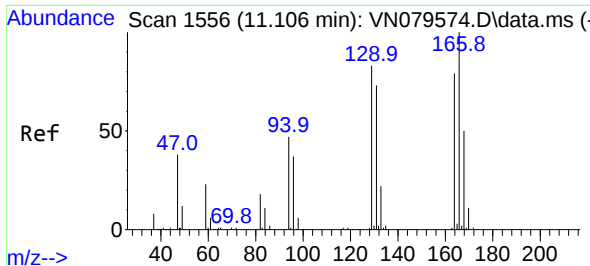


#60
4-Bromofluorobenzene
Concen: 28.686 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45



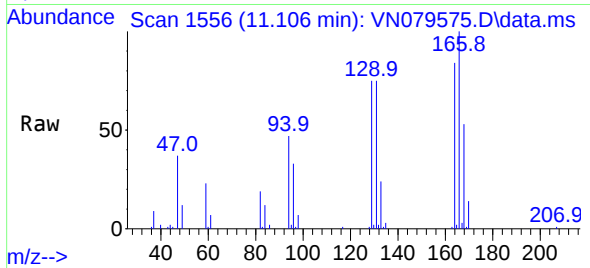
Tgt Ion: 95 Resp: 104688
Ion Ratio Lower Upper
95 100
174 74.3 60.5 90.7
176 70.4 57.2 85.8





#61
Tetrachloroethene
Concen: 10.783 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

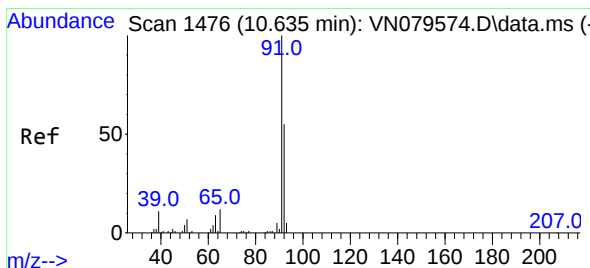
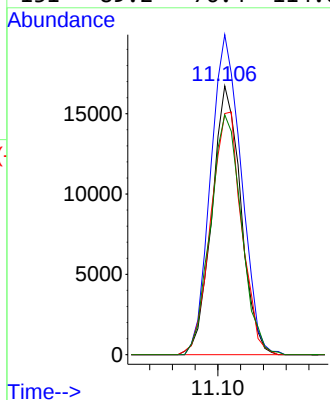
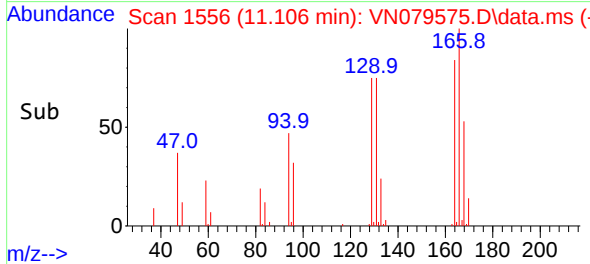
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



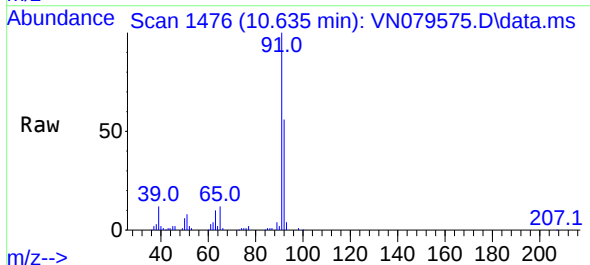
Tgt Ion:164 Resp: 29540
Ion Ratio Lower Upper
164 100
166 119.0 98.2 147.4
129 89.7 75.0 112.4
131 89.2 76.4 114.6

Manual Integrations
APPROVED

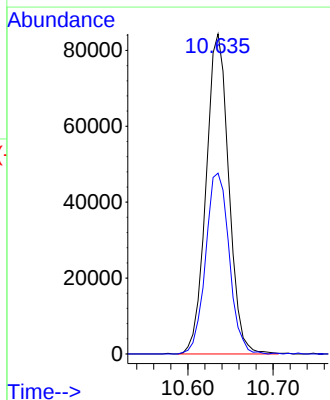
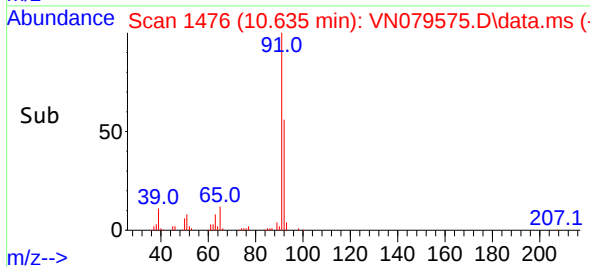
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

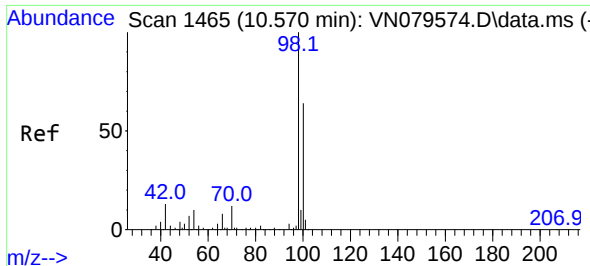


#62
Toluene
Concen: 10.214 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45



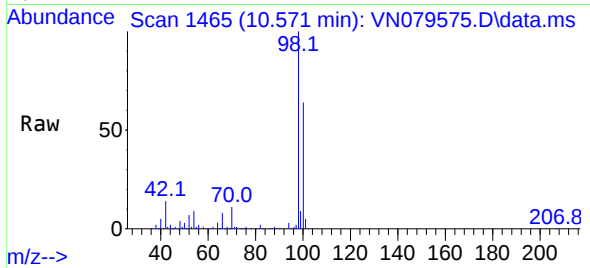
Tgt Ion: 91 Resp: 155781
Ion Ratio Lower Upper
91 100
92 58.7 45.3 67.9





#63
Toluene-d8
Concen: 30.635 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

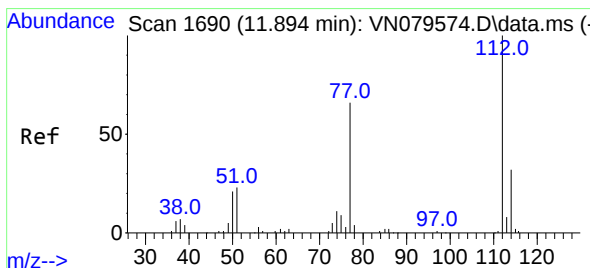
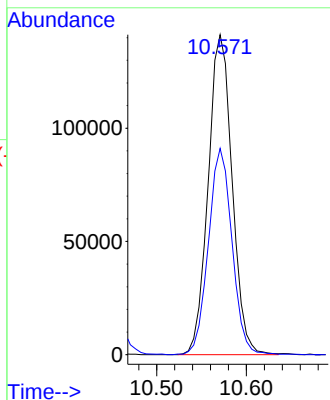
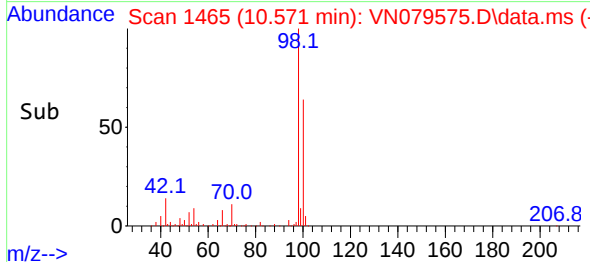
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 98 Resp: 261969
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4

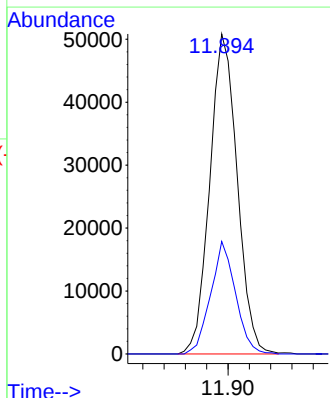
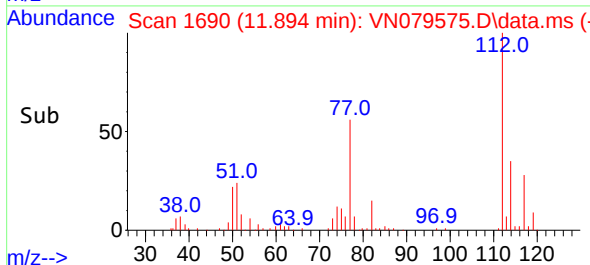
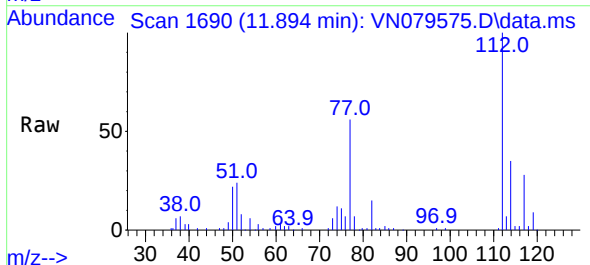
Manual Integrations
APPROVED

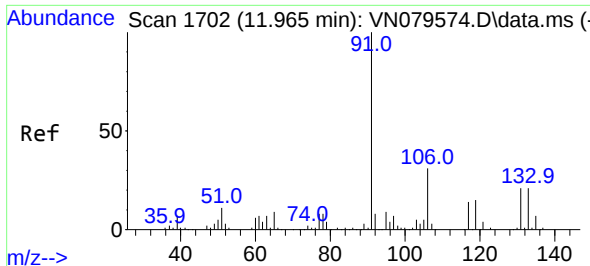
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#64
Chlorobenzene
Concen: 10.267 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion:112 Resp: 90822
Ion Ratio Lower Upper
112 100
114 35.1 28.1 42.1





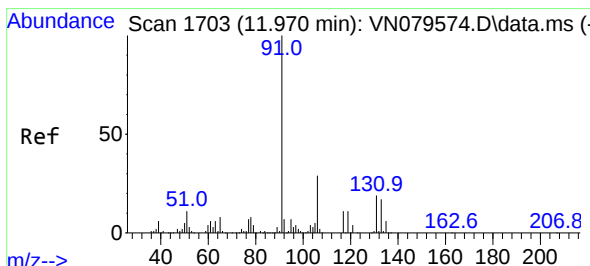
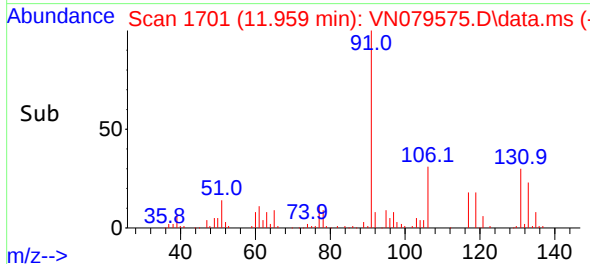
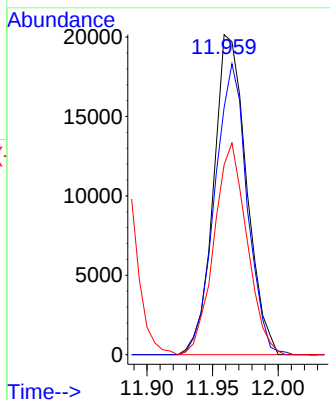
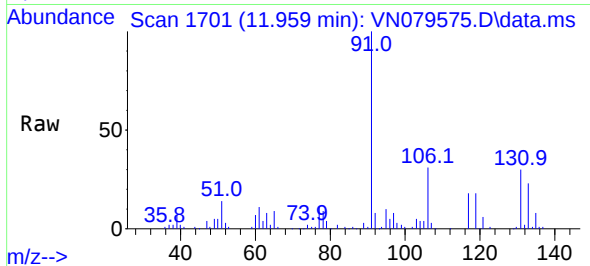
#65
1,1,1,2-Tetrachloroethane
Concen: 10.440 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:131 Resp: 35180
Ion Ratio Lower Upper
131 100
133 89.4 0.0 196.0
119 66.1 0.0 135.6

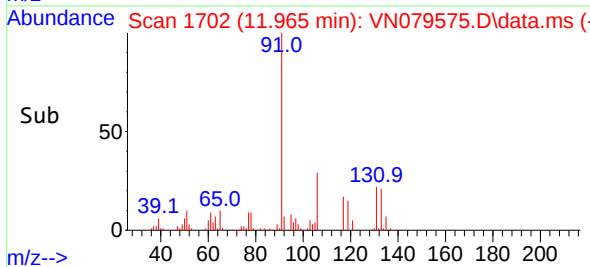
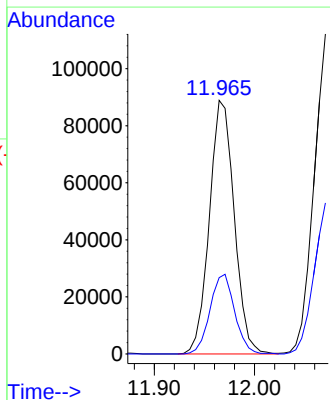
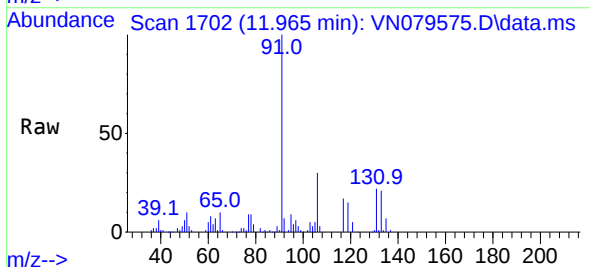
Manual Integrations
APPROVED

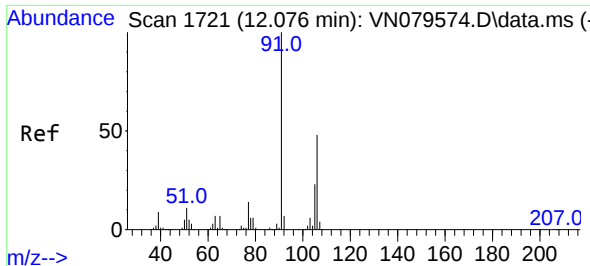
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#66
Ethyl Benzene
Concen: 9.742 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

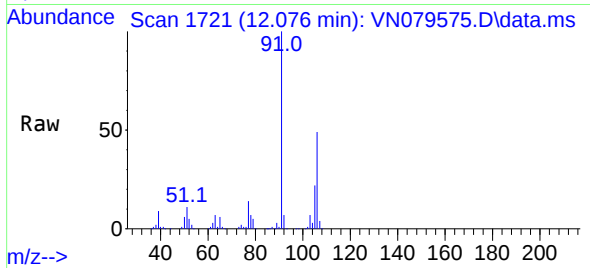
Tgt Ion: 91 Resp: 153086
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8





#67
m/p-Xylenes
Concen: 19.746 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

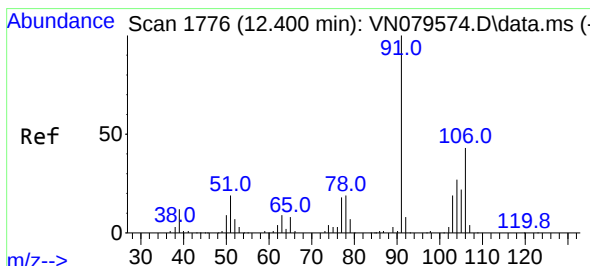
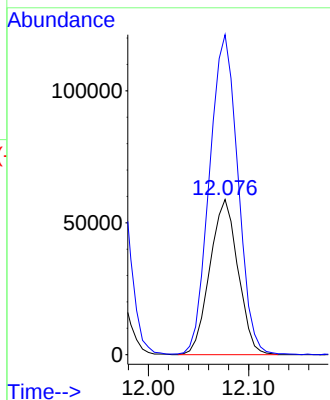
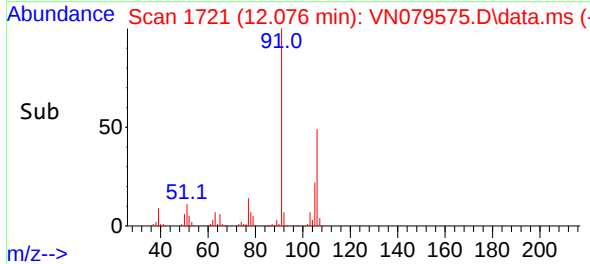
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



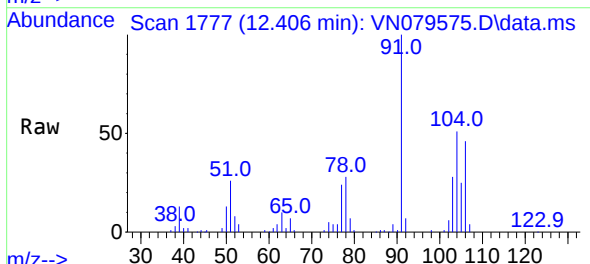
Tgt Ion:106 Resp: 11476
Ion Ratio Lower Upper
106 100
91 208.9 161.8 242.6

Manual Integrations
APPROVED

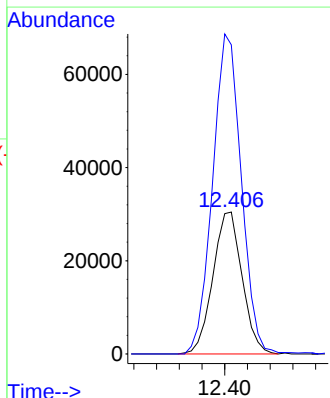
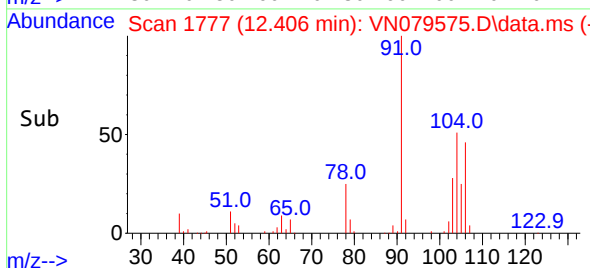
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

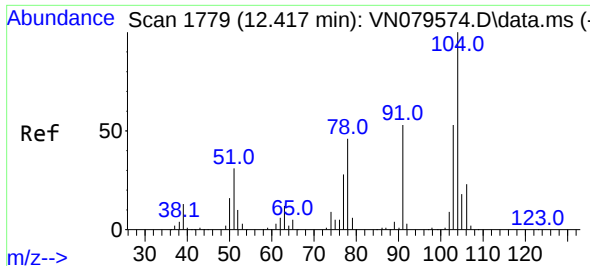


#68
o-Xylene
Concen: 9.774 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45



Tgt Ion:106 Resp: 54306
Ion Ratio Lower Upper
106 100
91 221.2 109.9 329.7





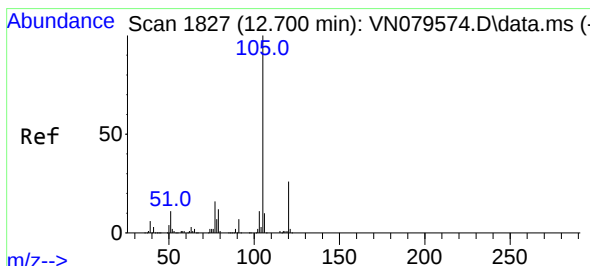
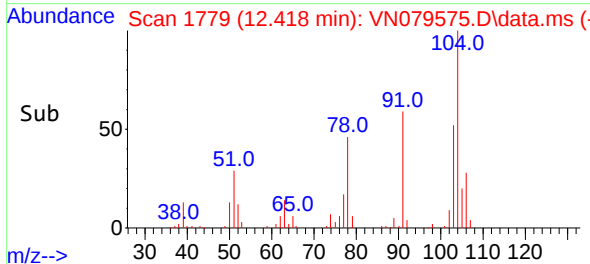
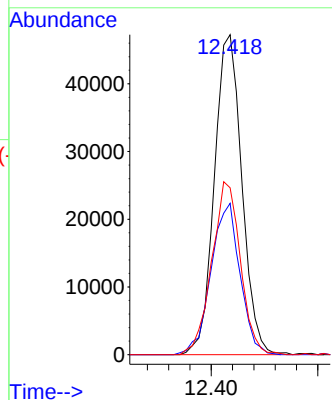
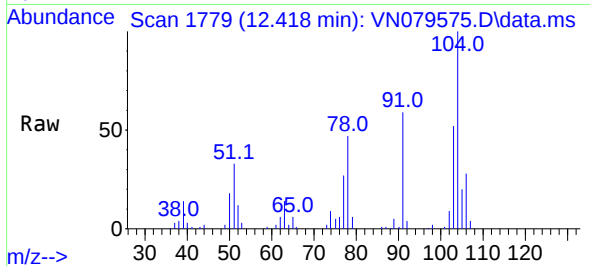
#69
Styrene
Concen: 9.601 ug/l
RT: 12.418 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:104 Resp: 8468
Ion Ratio Lower Upper
104 100
78 49.9 41.2 61.8
103 56.3 43.1 64.7

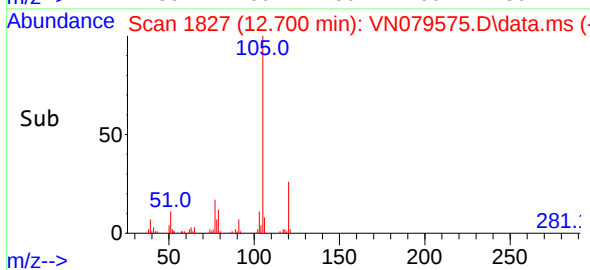
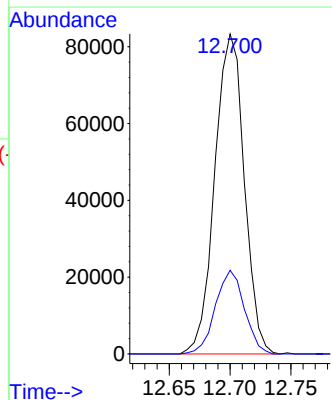
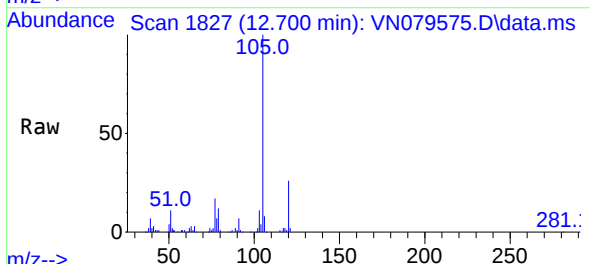
Manual Integrations
APPROVED

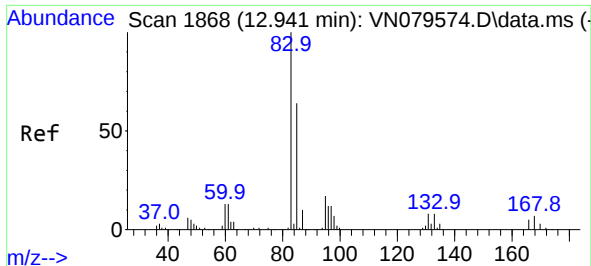
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#70
Isopropylbenzene
Concen: 9.833 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

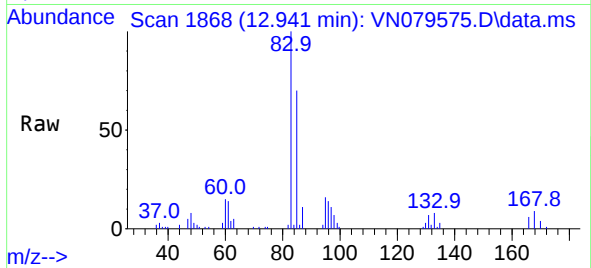
Tgt Ion:105 Resp: 140216
Ion Ratio Lower Upper
105 100
120 25.8 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 10.294 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

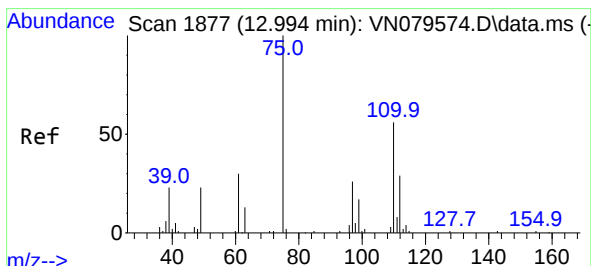
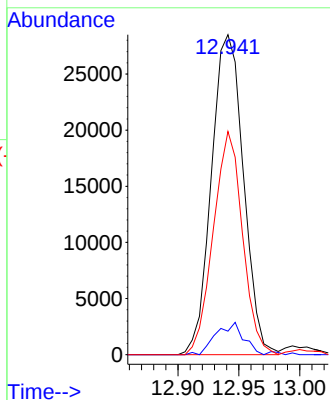
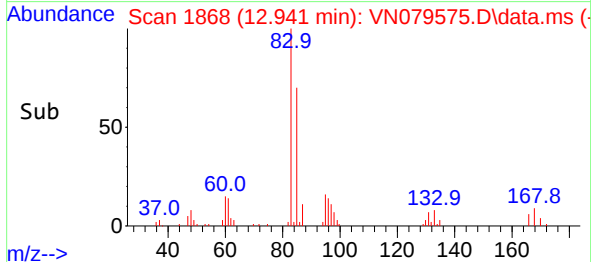
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



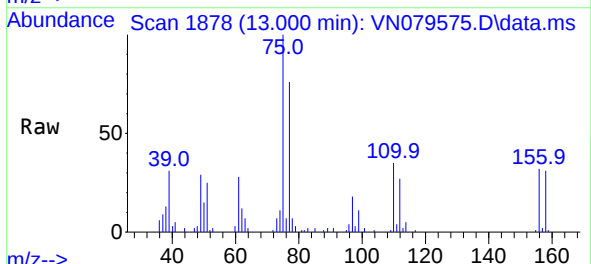
Tgt Ion: 83 Resp: 5219
Ion Ratio Lower Upper
83 100
131 8.5 4.5 13.4
85 63.5 32.1 96.3

Manual Integrations
APPROVED

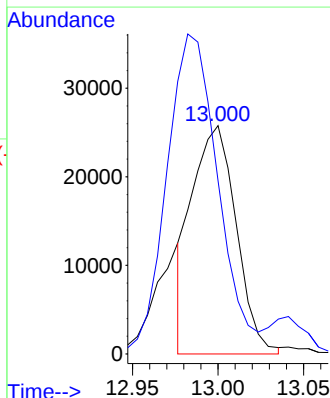
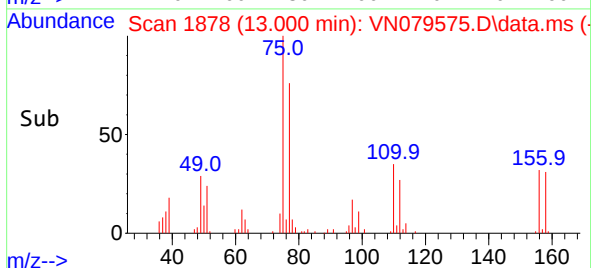
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

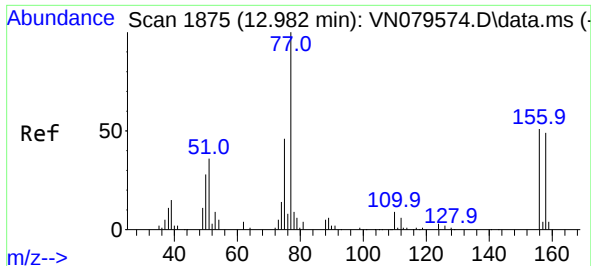


#72
1,2,3-Trichloropropane
Concen: 9.463 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45



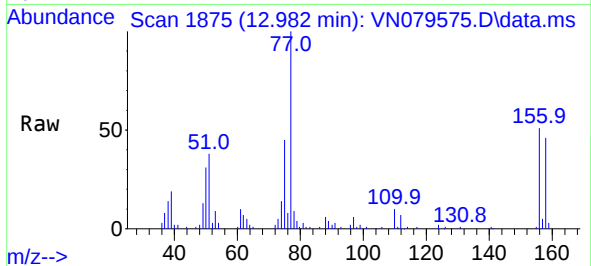
Tgt Ion: 75 Resp: 46228
Ion Ratio Lower Upper
75 100
77 162.3 0.0 338.2





#73
Bromobenzene
Concen: 9.812 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

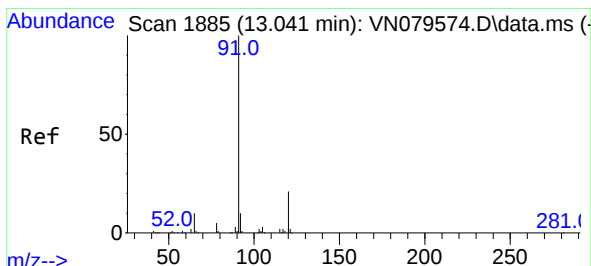
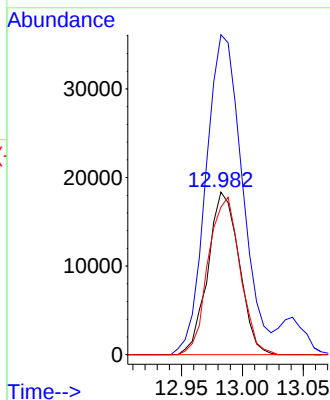
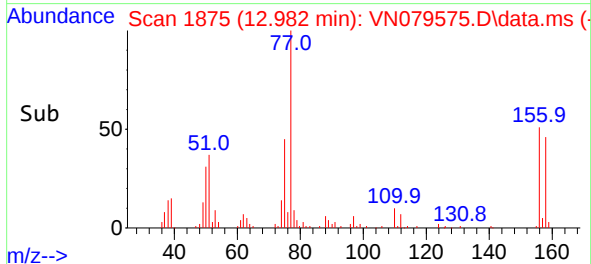
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



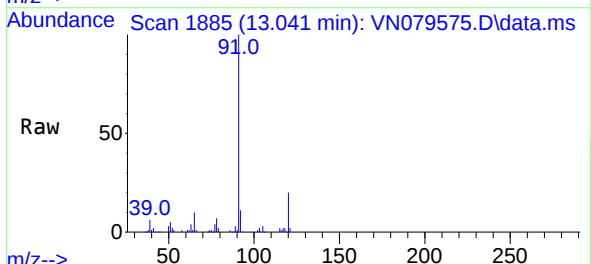
Tgt Ion:156 Resp: 3286
Ion Ratio Lower Upper
156 100
77 228.3 0.0 448.2
158 98.5 0.0 194.8

Manual Integrations
APPROVED

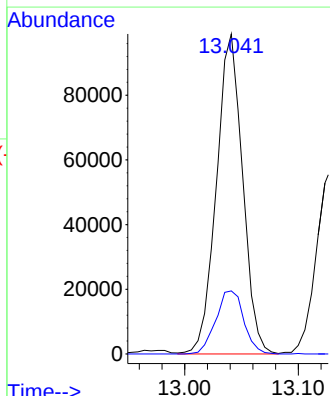
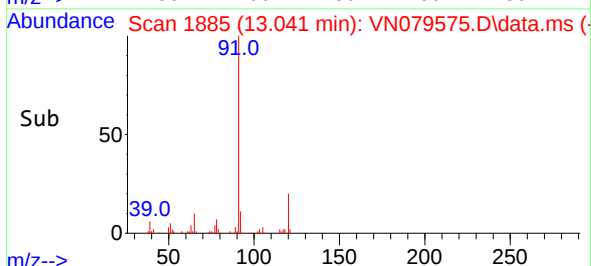
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

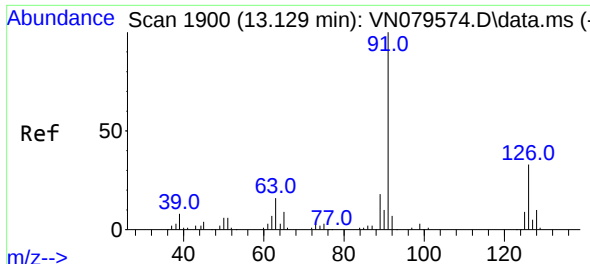


#74
n-propylbenzene
Concen: 9.541 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45



Tgt Ion: 91 Resp: 158396
Ion Ratio Lower Upper
91 100
120 21.0 0.0 42.0





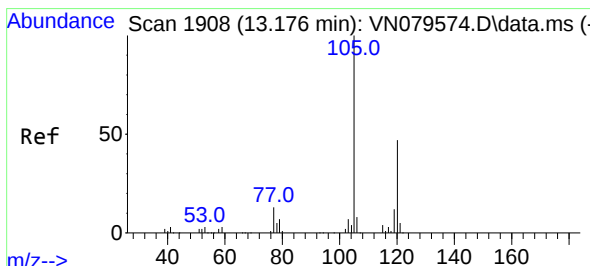
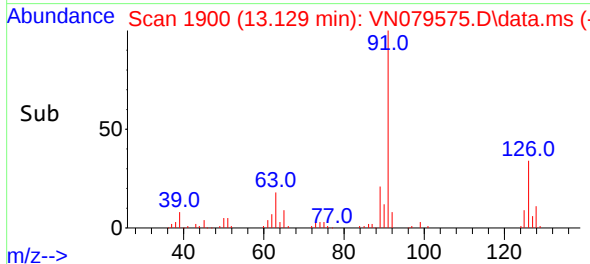
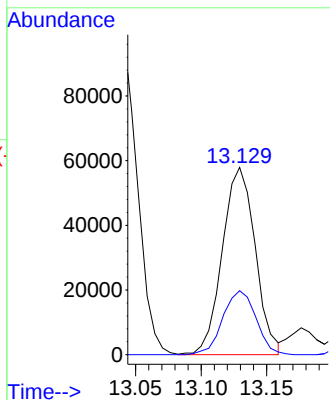
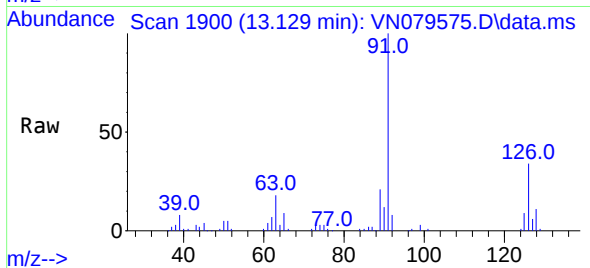
#75
2-Chlorotoluene
Concen: 9.810 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 101249
Ion Ratio Lower Upper
91 100
126 34.3 0.0 64.6

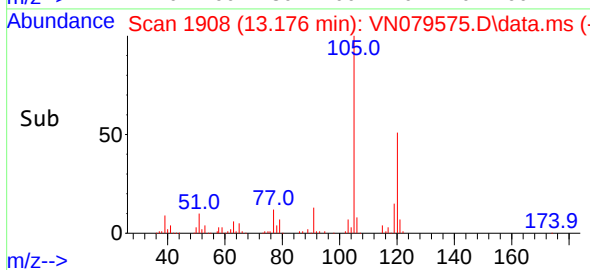
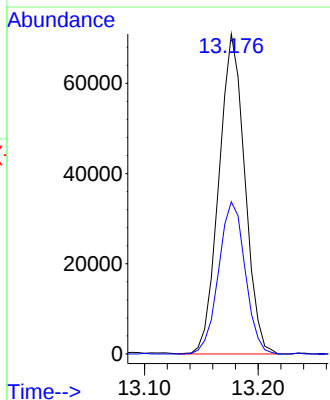
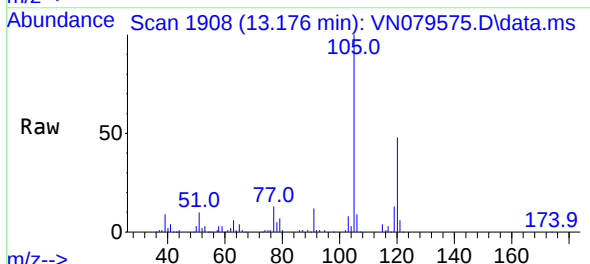
Manual Integrations
APPROVED

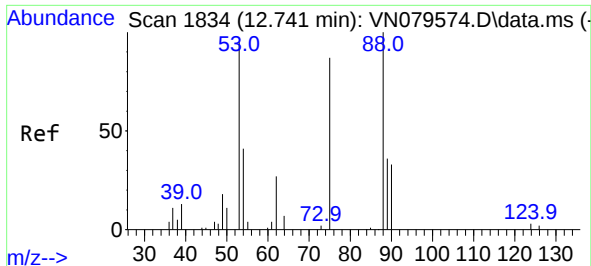
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#76
1,3,5-Trimethylbenzene
Concen: 9.654 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion:105 Resp: 112529
Ion Ratio Lower Upper
105 100
120 48.6 0.0 93.2





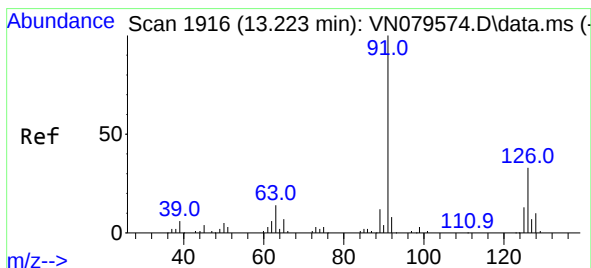
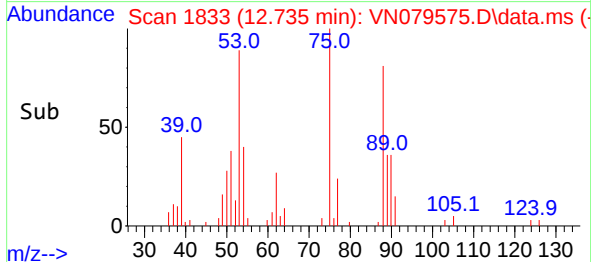
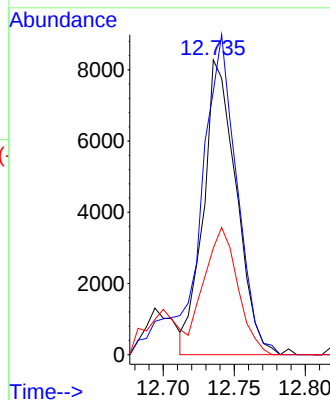
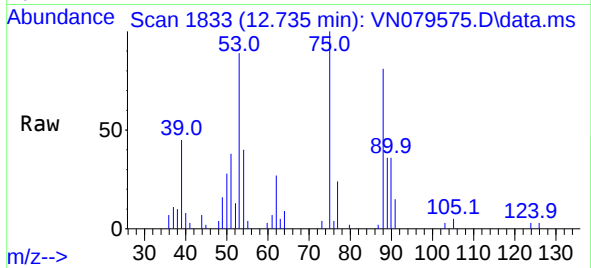
#77
t-1,4-Dichloro-2-butene
Concen: 9.491 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 1333
Ion Ratio Lower Upper
75 100
53 89.3 53.0 159.1
89 36.1 22.6 67.7

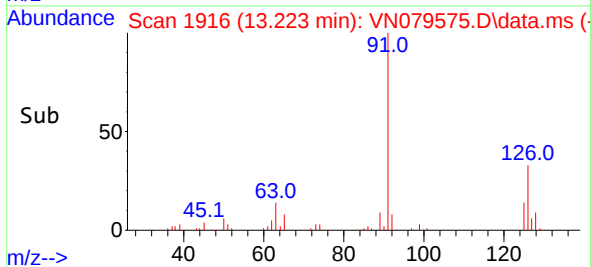
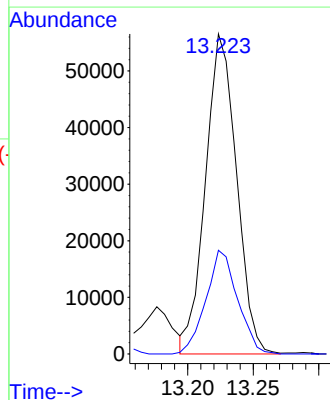
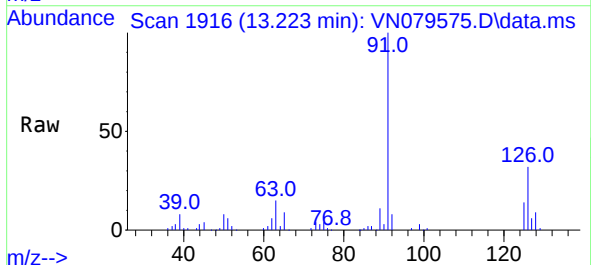
Manual Integrations
APPROVED

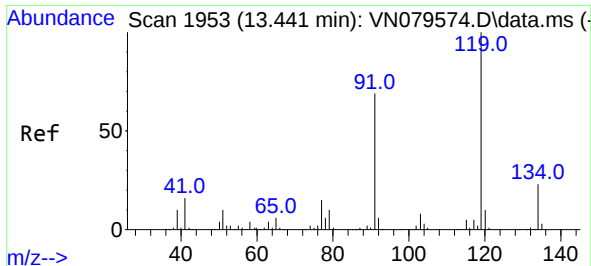
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#78
4-Chlorotoluene
Concen: 9.548 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion: 91 Resp: 93106
Ion Ratio Lower Upper
91 100
126 33.0 0.0 65.4





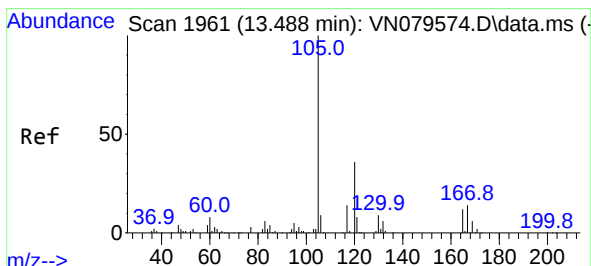
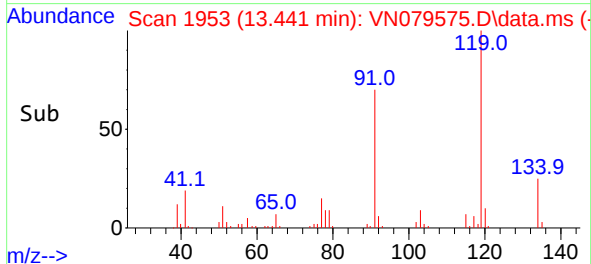
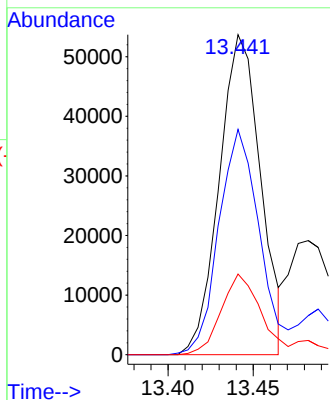
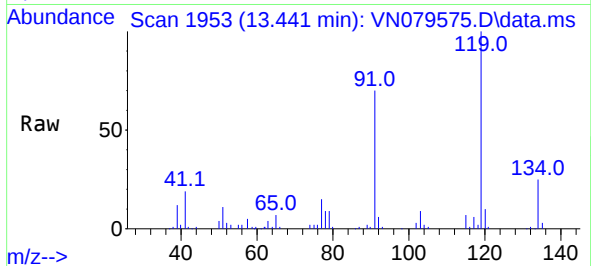
#79
tert-butylbenzene
Concen: 9.697 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 90882
Ion Ratio Lower Upper
119 100
91 69.0 0.0 140.6
134 24.0 0.0 49.8

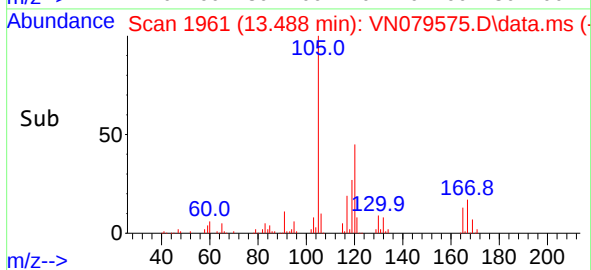
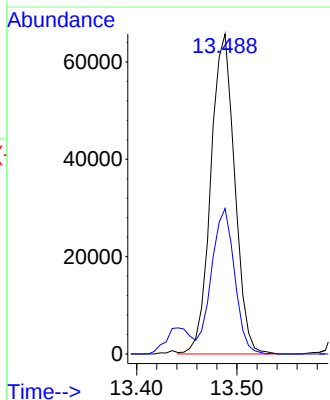
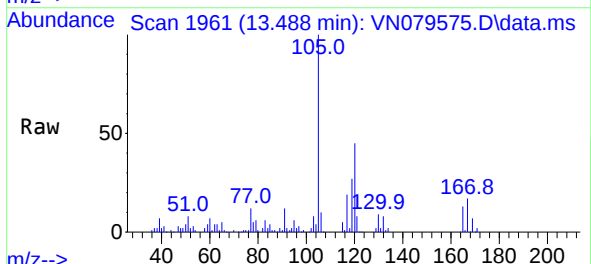
Manual Integrations
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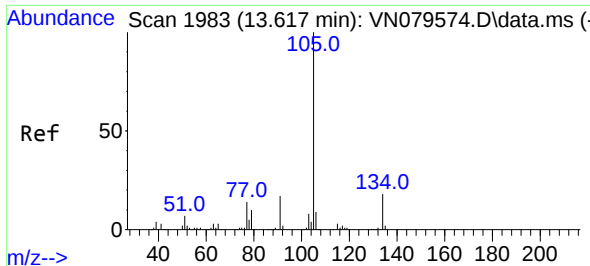
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#80
1,2,4-Trimethylbenzene
Concen: 9.629 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion:105 Resp: 108756
Ion Ratio Lower Upper
105 100
120 43.8 0.0 88.6





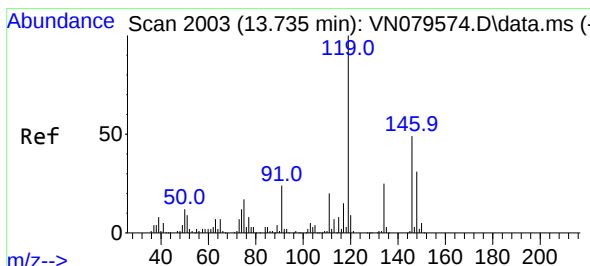
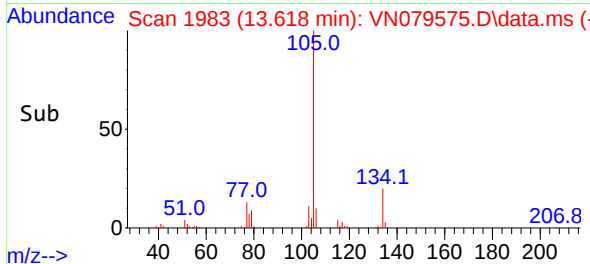
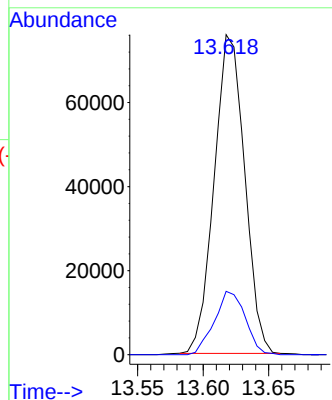
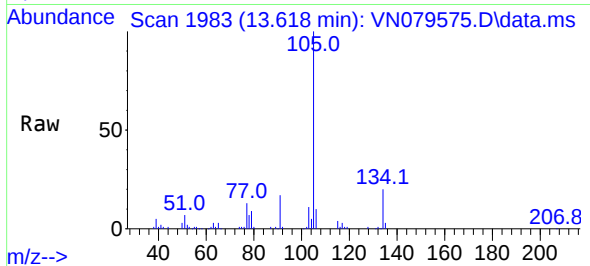
#81
 sec-Butylbenzene
 Concen: 9.305 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079575.D
 Acq: 17 Oct 2023 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 122425
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 38.2

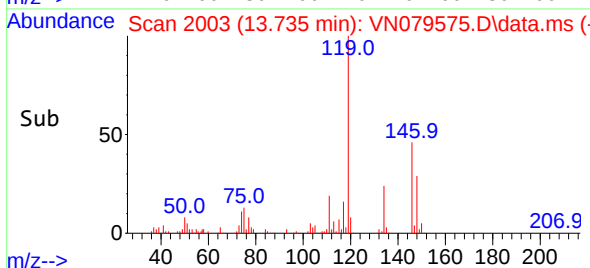
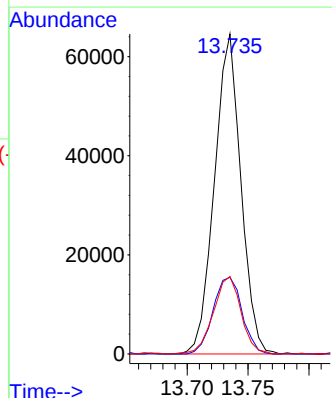
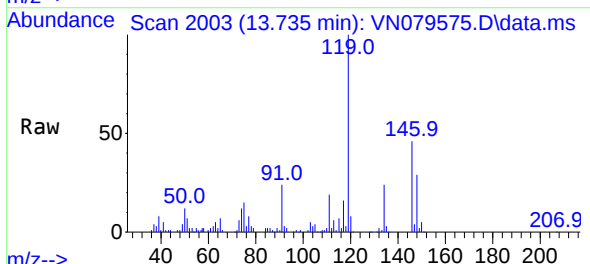
Manual Integrations
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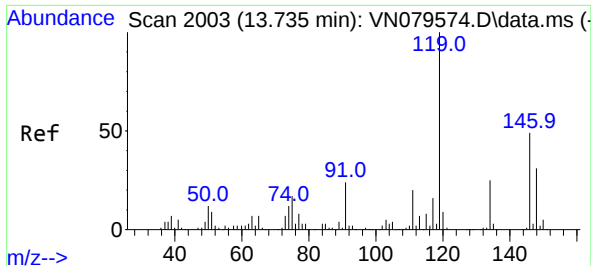
Reviewed By :John Carlone 10/18/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#82
 p-Isopropyltoluene
 Concen: 9.340 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079575.D
 Acq: 17 Oct 2023 11:45

Tgt Ion:119 Resp: 97480
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.2
 91 25.3 0.0 50.0





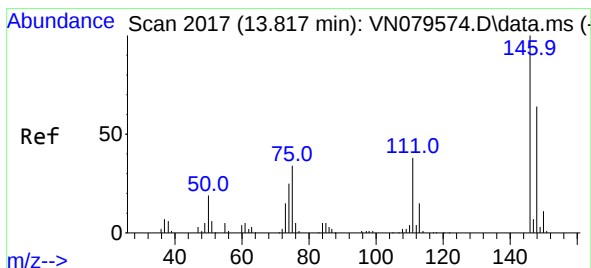
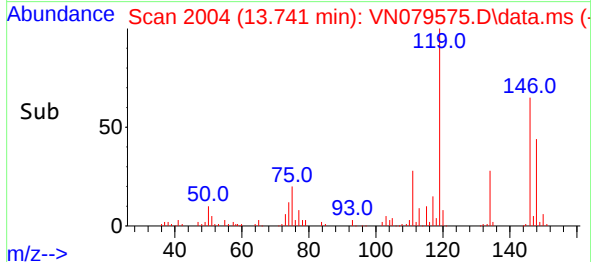
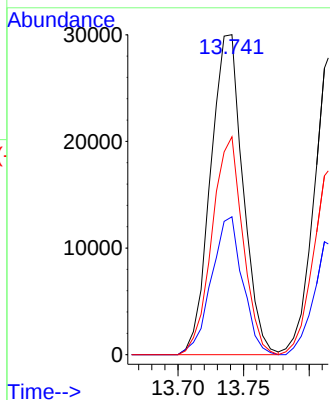
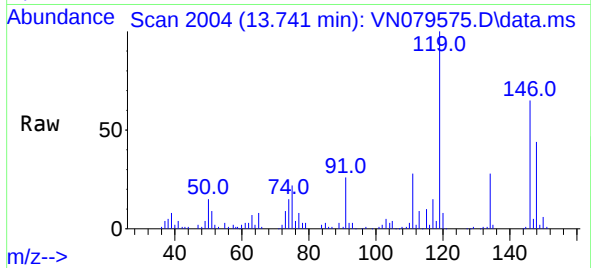
#83
1,3-Dichlorobenzene
Concen: 9.358 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 5154
Ion Ratio Lower Upper
146 100
111 41.6 21.0 63.0
148 65.0 32.4 97.0

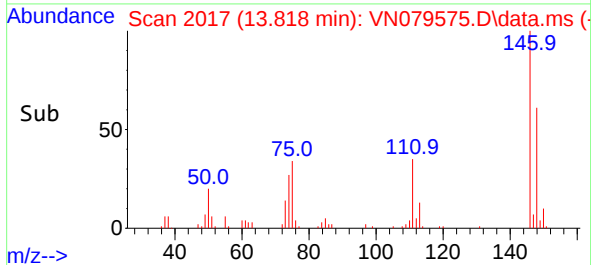
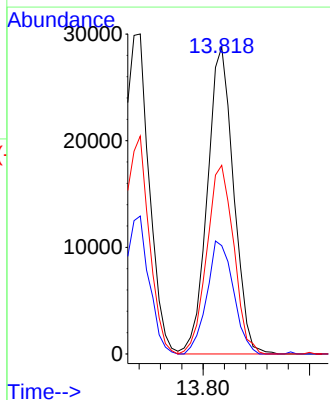
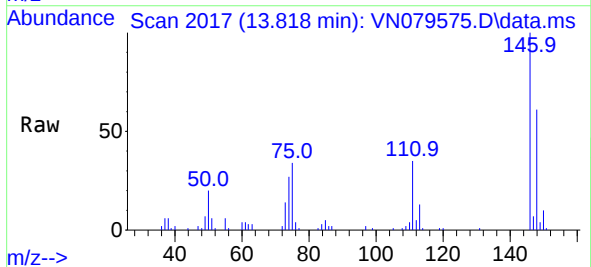
Manual Integrations
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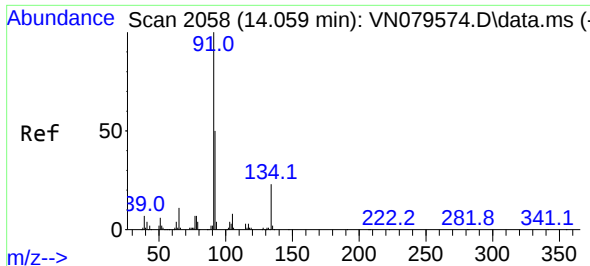
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#84
1,4-Dichlorobenzene
Concen: 9.313 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion:146 Resp: 49177
Ion Ratio Lower Upper
146 100
111 37.3 19.9 59.7
148 63.2 32.6 97.7





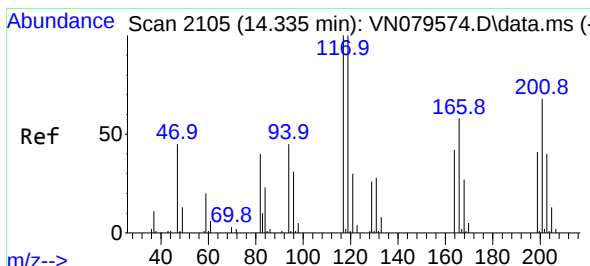
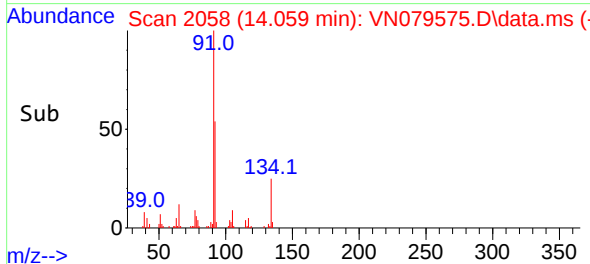
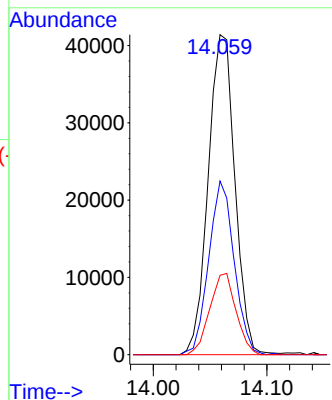
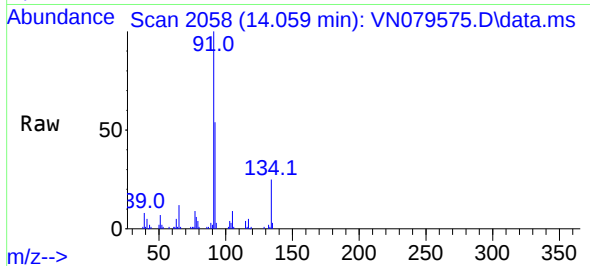
#85
n-Butylbenzene
Concen: 8.303 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 67709
Ion Ratio Lower Upper
91 100
92 51.6 0.0 99.6
134 25.0 0.0 46.2

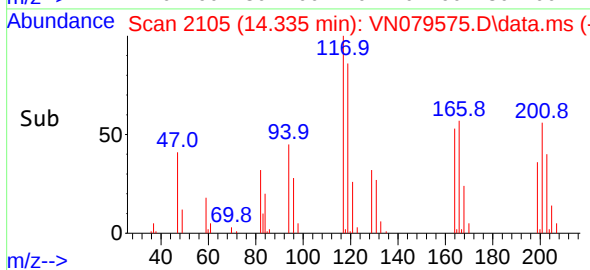
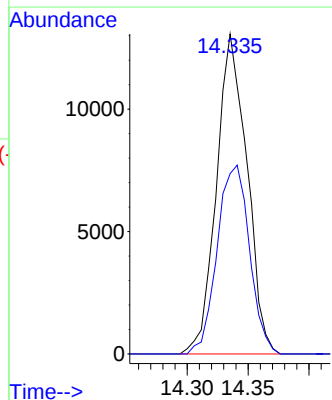
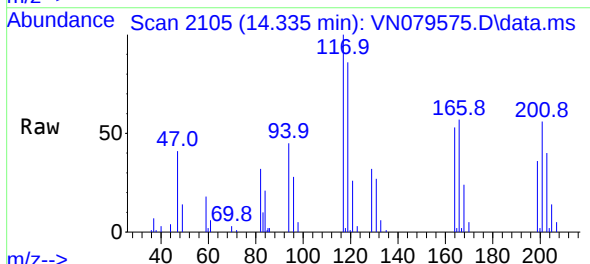
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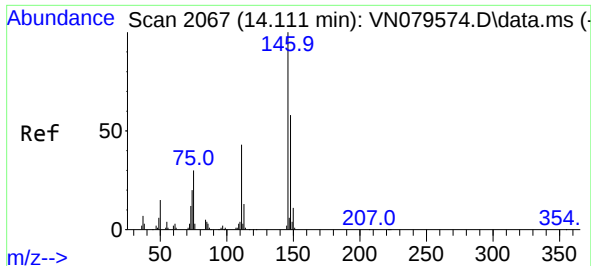
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#86
Hexachloroethane
Concen: 10.066 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion:117 Resp: 22713
Ion Ratio Lower Upper
117 100
201 62.6 32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 9.509 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079575.D

Acq: 17 Oct 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:146 Resp: 52059

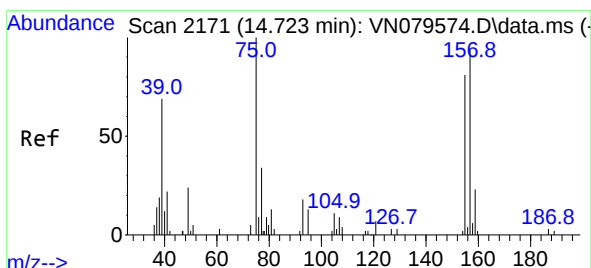
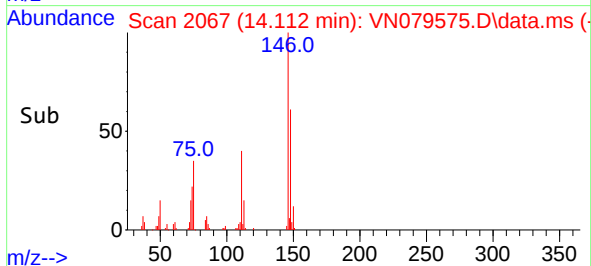
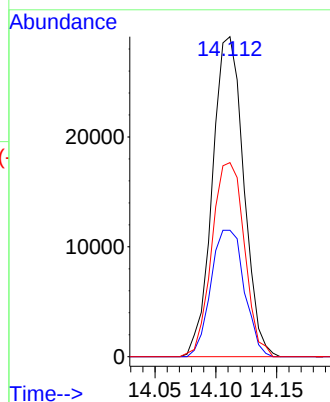
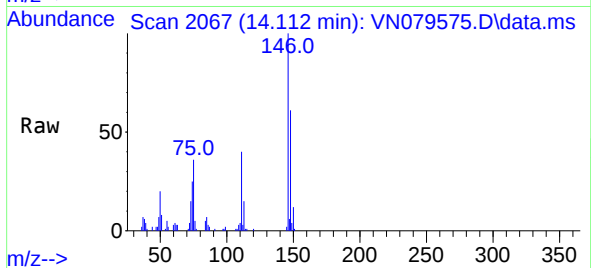
Ion	Ratio	Lower	Upper
146	100		
111	42.1	22.0	66.0
148	63.1	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Mahesh Dadoda 10/20/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 9.602 ug/l

RT: 14.723 min Scan# 2171

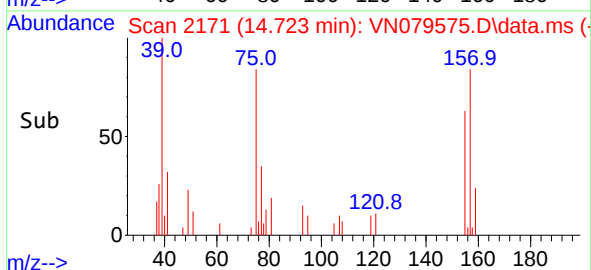
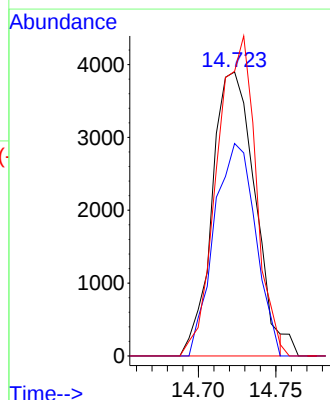
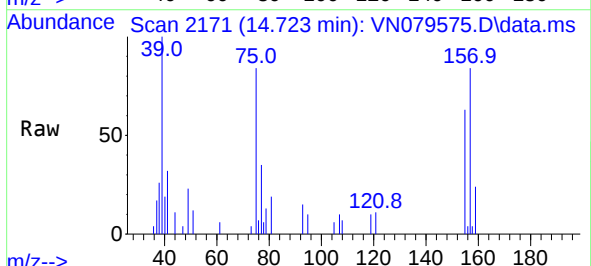
Delta R.T. 0.000 min

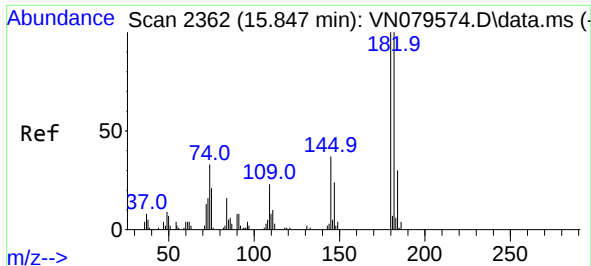
Lab File: VN079575.D

Acq: 17 Oct 2023 11:45

Tgt Ion: 75 Resp: 7418

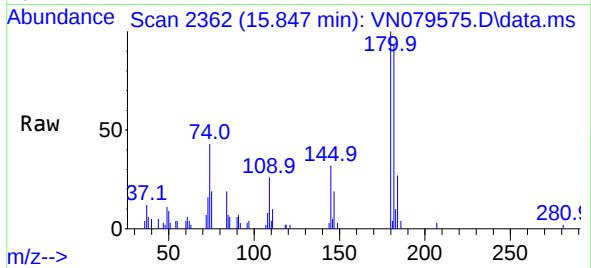
Ion	Ratio	Lower	Upper
75	100		
155	73.2	60.7	91.1
157	103.1	76.8	115.2





#89
1,2,4-Trichlorobenzene
Concen: 8.823 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

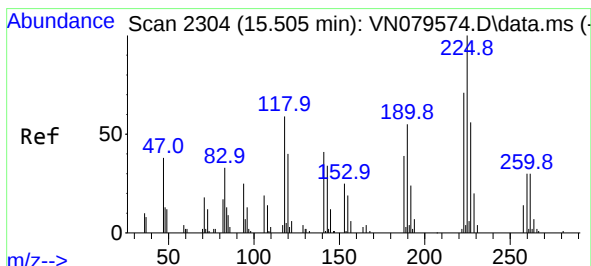
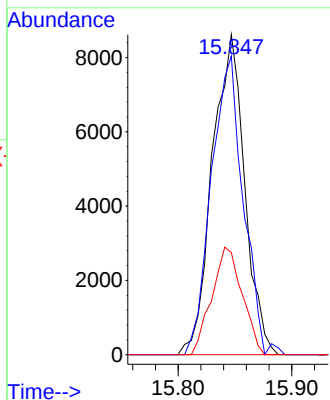
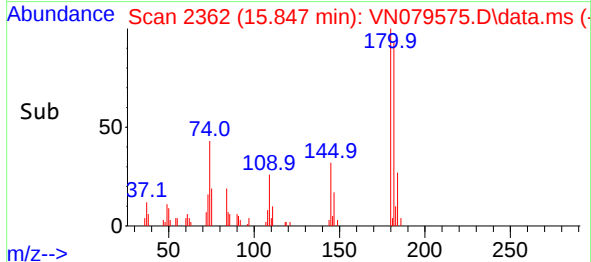
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



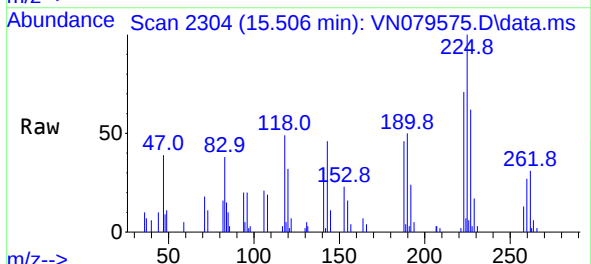
Tgt Ion:180 Resp: 17020
Ion Ratio Lower Upper
180 100
182 91.1 74.2 111.4
145 31.6 25.4 38.2

Manual Integrations
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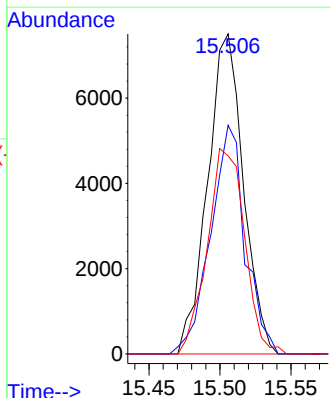
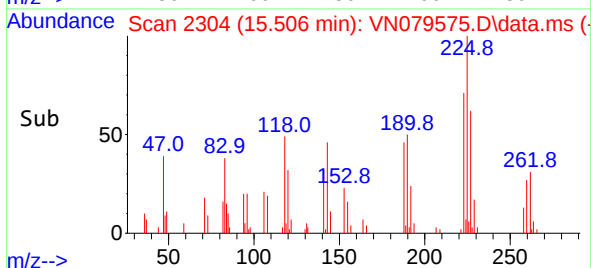
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

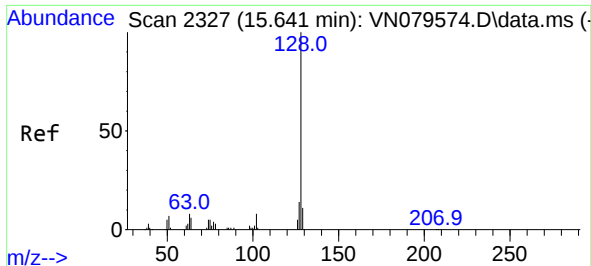


#90
Hexachlorobutadiene
Concen: 9.624 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45



Tgt Ion:225 Resp: 13155
Ion Ratio Lower Upper
225 100
223 68.9 0.0 126.0
227 66.9 0.0 127.0





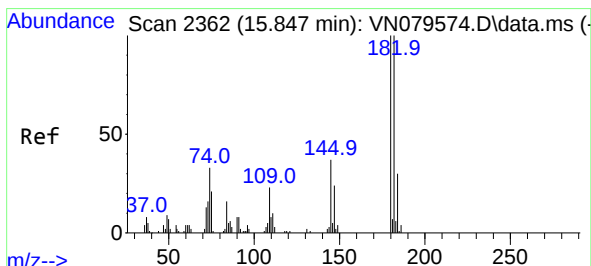
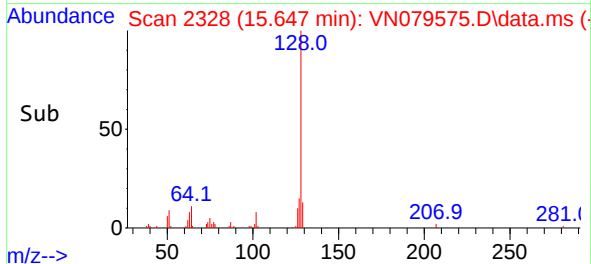
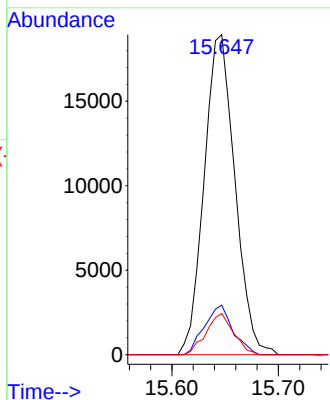
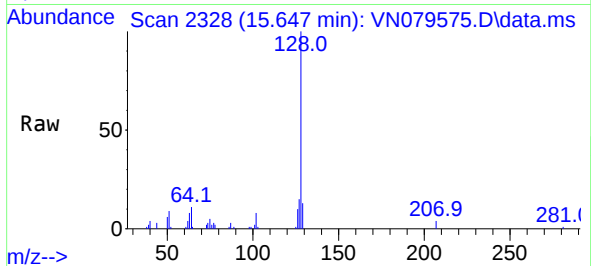
#91
Naphthalene
Concen: 7.637 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 3801
Ion Ratio Lower Upper
128 100
127 14.3 10.9 16.3
129 11.5 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#92
1,2,3-Trichlorobenzene
Concen: 8.823 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN079575.D
Acq: 17 Oct 2023 11:45

Tgt Ion:180 Resp: 17026
Ion Ratio Lower Upper
180 100
182 91.1 0.0 185.6
145 31.6 0.0 63.6

