

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079576.D
 Acq On : 17 Oct 2023 12:09
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 02:04:37 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	7.824	128	20261	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	151891	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	181419	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	89290	30.996	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.333%			
60) 4-Bromofluorobenzene	12.853	95	87818	26.470	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 88.233%			
63) Toluene-d8	10.571	98	236291	30.395	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.333%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	15569	5.299	ug/l	96
3) Chloromethane	2.365	50	21753	5.712	ug/l	100
4) Vinyl Chloride	2.518	62	22640	5.508	ug/l	93
5) Bromomethane	2.948	94	15258m	5.987	ug/l	
6) Chloroethane	3.118	64	17146	5.927	ug/l	96
7) Trichlorofluoromethane	3.501	101	27385	5.460	ug/l	95
8) Diethyl Ether	3.965	74	9412	5.178	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.371	101	15582	5.430	ug/l	90
10) 1,1-Dichloroethene	4.342	96	14184	5.196	ug/l	93
11) Methyl Iodide	4.595	142	14379	4.757	ug/l	87
12) Methyl Acetate	5.042	43	35923	5.458	ug/l #	89
13) Acrolein	4.183	56	16456	30.248	ug/l	94
14) Acrylonitrile	5.730	53	41446	26.297	ug/l	98
15) Acetone	4.436	58	12966m	25.909	ug/l	
16) Carbon Disulfide	4.712	76	45920	5.516	ug/l	95
17) Allyl chloride	5.024	41	22128	5.257	ug/l	91
18) Methylene Chloride	5.277	84	18236	5.427	ug/l	89
19) trans-1,2-Dichloroethene	5.789	96	16688	5.464	ug/l	88
20) Diisopropyl ether	6.677	45	50275	5.037	ug/l #	90
21) 1,1-Dichloroethane	6.583	63	32086	5.291	ug/l	94
22) cis-1,2-Dichloroethene	7.494	96	17802	5.061	ug/l	97
23) tert-Butyl Alcohol	5.518	59	15759m	29.878	ug/l	
24) Methyl tert-Butyl Ether	5.800	73	46926	5.123	ug/l	98
25) Chloroform	7.977	83	32917	5.372	ug/l	98
26) Cyclohexane	8.259	56	22172	4.836	ug/l #	91
29) 1,1-Dichloropropene	8.383	75	22875	5.153	ug/l	97
30) 2-Butanone	7.494	43	58925	26.483	ug/l	98
31) 2,2-Dichloropropane	7.500	77	26695	5.334	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	28950	5.487	ug/l	97
33) Carbon Tetrachloride	8.365	117	23198	5.170	ug/l	97
34) Benzene	8.612	78	73079	5.419	ug/l	93
35) Methacrylonitrile	7.783	41	12441	5.315	ug/l	91
36) 1,2-Dichloroethane	8.677	62	26157	5.432	ug/l	98
37) Trichloroethene	9.353	130	16974	5.384	ug/l	83
38) Methylcyclohexane	9.606	83	21351	4.996	ug/l	98
39) 1,2-Dichloropropane	9.624	63	18702	5.255	ug/l	99
40) Dibromomethane	9.712	93	12589	5.390	ug/l	98
41) Bromodichloromethane	9.888	83	25427	5.253	ug/l	99
42) Vinyl Acetate	6.606	43	138354	24.513	ug/l	100

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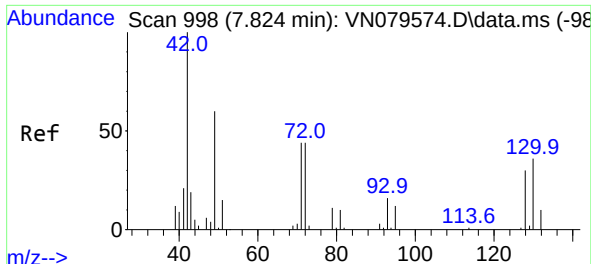
Manual Integrations
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 Supervised By : Mahesh Dadoda 10/20/2023

Quant Time: Oct 18 02:04:37 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	21525	5.145	ug/l #	93
44) Isopropyl Acetate	8.694	43	42264	5.683	ug/l	94
45) 1,4-Dioxane	9.700	88	5910	101.515	ug/l #	90
46) Methyl methacrylate	9.688	41	16441	4.983	ug/l	97
47) n-amyl Acetate	12.500	43	23075	4.299	ug/l	96
48) t-1,3-Dichloropropene	10.841	75	24078	4.921	ug/l	93
49) cis-1,3-Dichloropropene	10.318	75	26564	4.965	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	17407	5.372	ug/l	89
51) Ethyl methacrylate	10.877	69	20038	4.482	ug/l	96
52) 1,3-Dichloropropane	11.171	76	30629	5.336	ug/l	97
53) Dibromochloromethane	11.365	129	16020	4.838	ug/l	94
54) 1,2-Dibromoethane	11.471	107	17299	5.412	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	34097	19.991	ug/l	99
56) Bromoform	12.582	173	10846	4.951	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	106371	25.138	ug/l	99
59) 2-Hexanone	11.200	43	78272m	25.213	ug/l	
61) Tetrachloroethene	11.106	164	12789	5.134	ug/l	86
62) Toluene	10.635	91	74287	5.358	ug/l	100
64) Chlorobenzene	11.894	112	42775	5.319	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	16014	5.228	ug/l	99
66) Ethyl Benzene	11.965	91	68310	4.782	ug/l	100
67) m/p-Xylenes	12.076	106	48947	9.264	ug/l	97
68) o-Xylene	12.406	106	23555	4.663	ug/l	98
69) Styrene	12.418	104	32538	4.058	ug/l	92
70) Isopropylbenzene	12.700	105	58328	4.500	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	24813	5.383	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	21337m	4.805	ug/l	
73) Bromobenzene	12.982	156	14589	4.791	ug/l	96
74) n-propylbenzene	13.041	91	65875	4.365	ug/l	99
75) 2-Chlorotoluene	13.129	91	44193	4.710	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	47202	4.454	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	5560	4.352	ug/l	89
78) 4-Chlorotoluene	13.223	91	38165	4.305	ug/l	100
79) tert-butylbenzene	13.441	119	39210	4.602	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	42762	4.165	ug/l	100
81) sec-Butylbenzene	13.618	105	53572	4.479	ug/l	99
82) p-Isopropyltoluene	13.735	119	38635	4.072	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	20557	4.105	ug/l	94
84) 1,4-Dichlorobenzene	13.818	146	19861	4.137	ug/l	98
85) n-Butylbenzene	14.059	91	27443	3.702	ug/l	98
86) Hexachloroethane	14.335	117	10155	4.951	ug/l	100
87) 1,2-Dichlorobenzene	14.112	146	20881	4.195	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	3272	4.659	ug/l	92
89) 1,2,4-Trichlorobenzene	15.841	180	5952	3.393	ug/l	95
90) Hexachlorobutadiene	15.500	225	6501	5.232	ug/l	96
91) Naphthalene	15.653	128	14502	3.205	ug/l #	94
92) 1,2,3-Trichlorobenzene	15.841	180	5952	3.393	ug/l	95

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



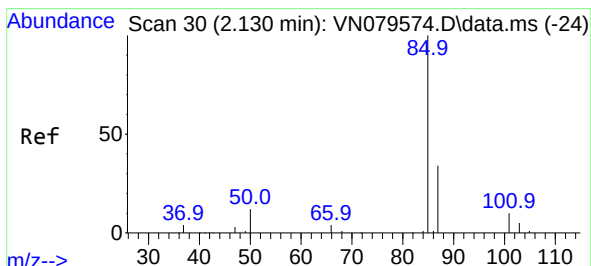
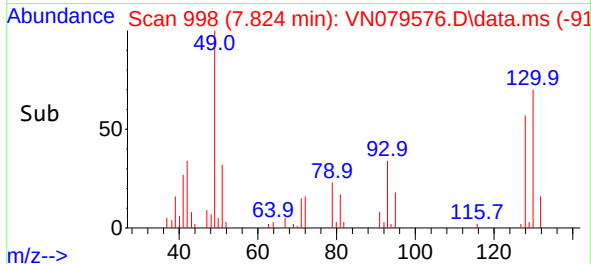
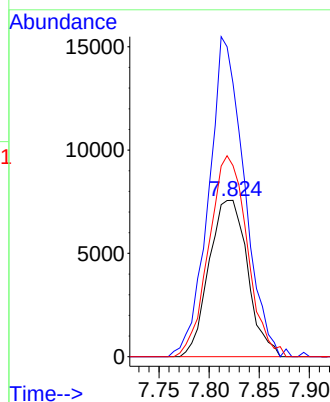
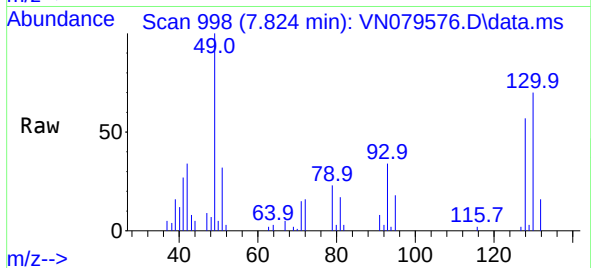
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 2026
Ion Ratio Lower Upper
128 100
49 187.9 0.0 468.5
130 127.4 0.0 320.7

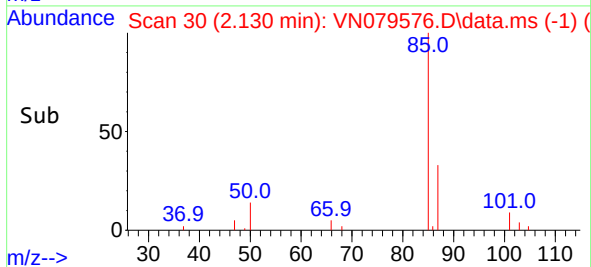
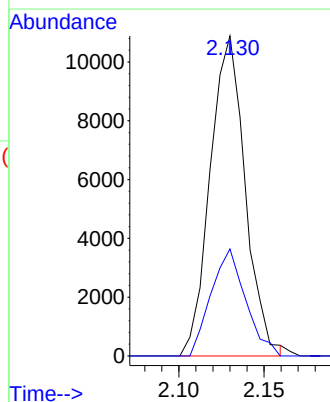
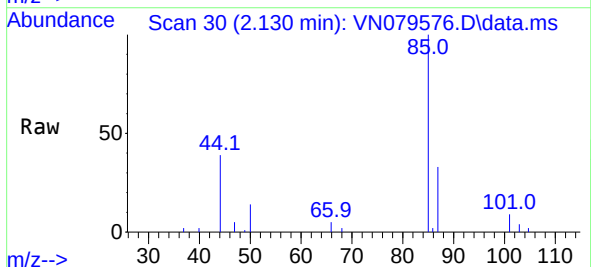
Manual Integrations
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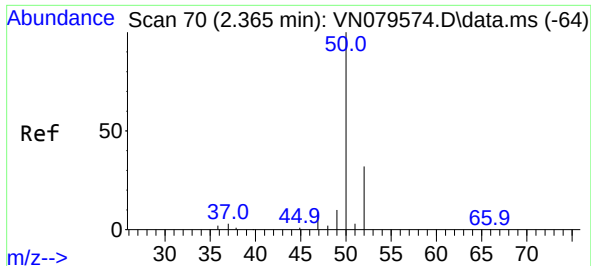
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#2
Dichlorodifluoromethane
Concen: 5.299 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

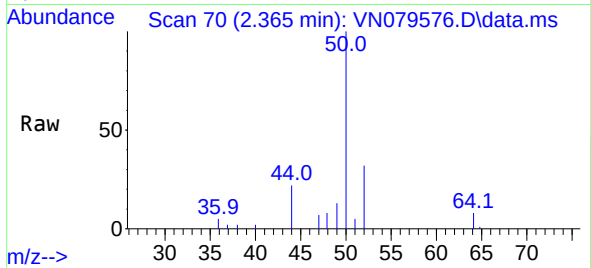
Tgt Ion: 85 Resp: 15569
Ion Ratio Lower Upper
85 100
87 33.5 15.6 46.7





#3
Chloromethane
Concen: 5.712 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

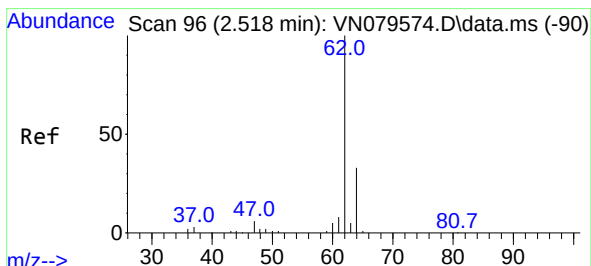
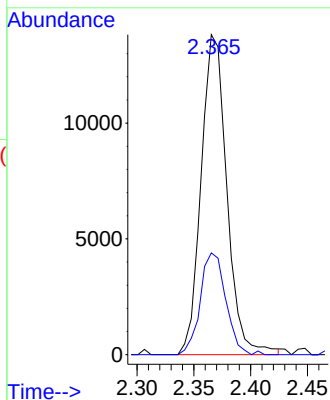
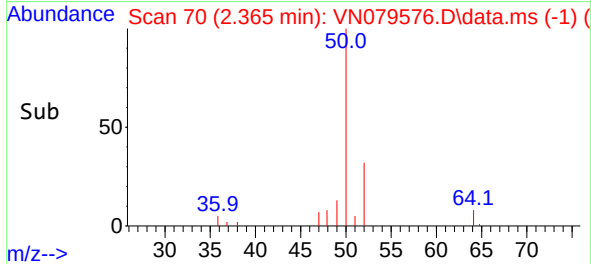
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 2175
Ion Ratio Lower Upper
50 100
52 31.8 25.6 38.4

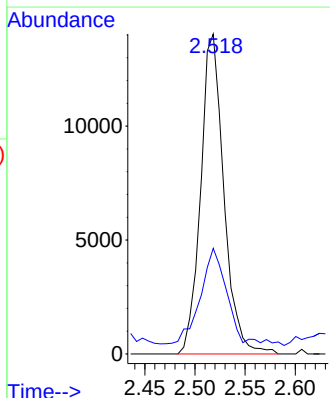
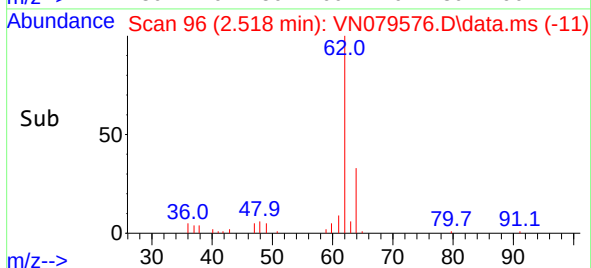
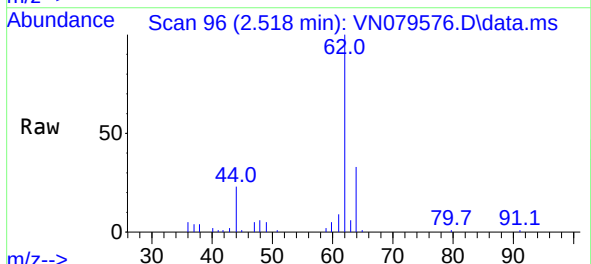
Manual Integrations
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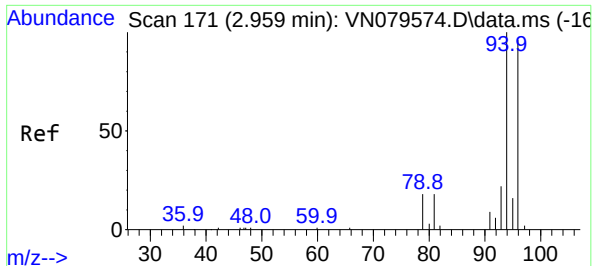
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#4
Vinyl Chloride
Concen: 5.508 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 62 Resp: 22640
Ion Ratio Lower Upper
62 100
64 29.3 26.4 39.6





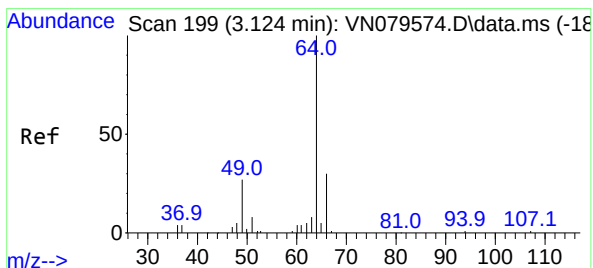
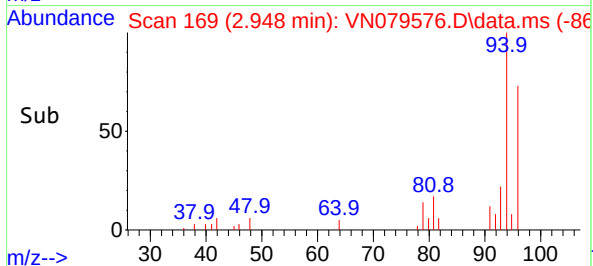
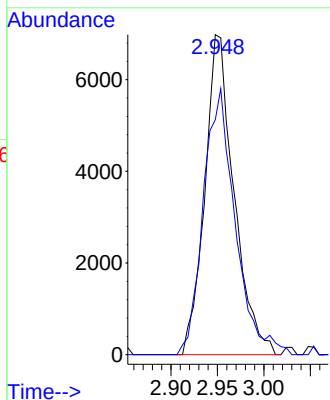
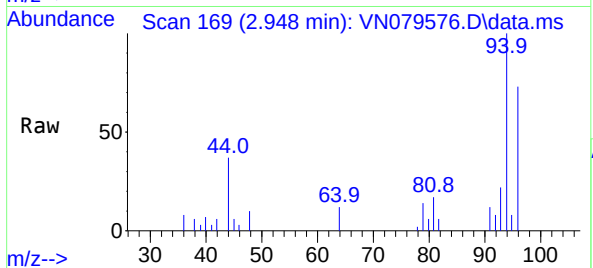
#5
Bromomethane
Concen: 5.987 ug/l m
RT: 2.948 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 1525
Ion Ratio Lower Upper
94 100
96 73.5 77.8 116.6

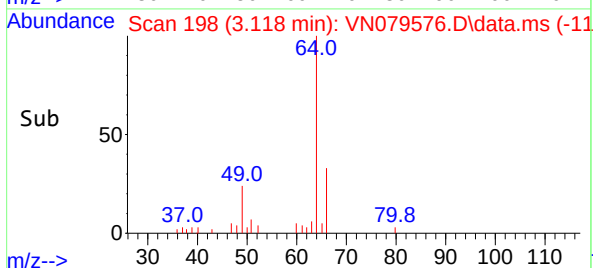
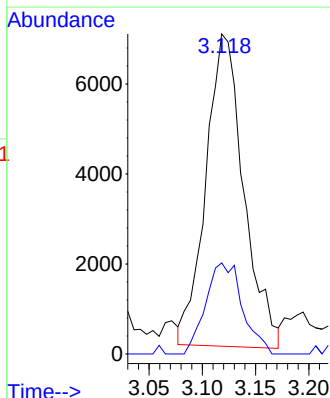
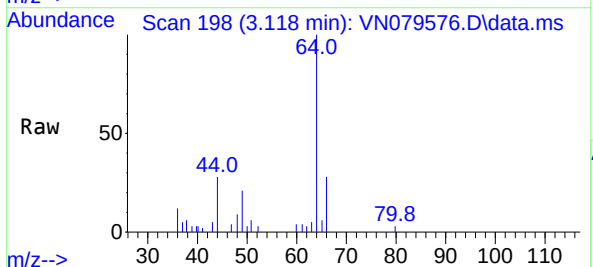
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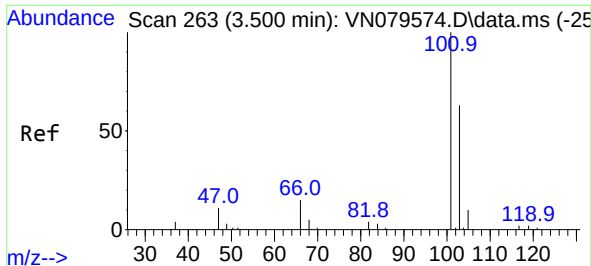
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#6
Chloroethane
Concen: 5.927 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

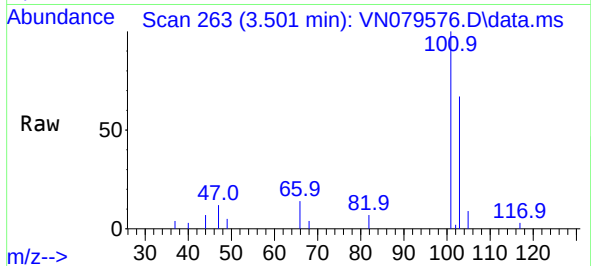
Tgt Ion: 64 Resp: 17146
Ion Ratio Lower Upper
64 100
66 31.0 23.3 34.9





#7
Trichlorofluoromethane
Concen: 5.460 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

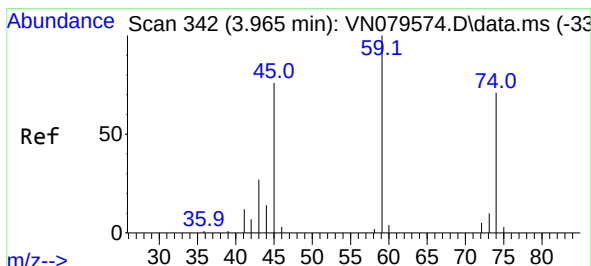
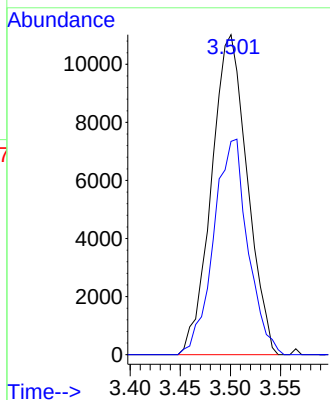
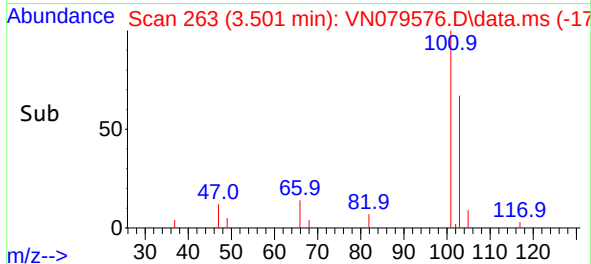
Instrument :
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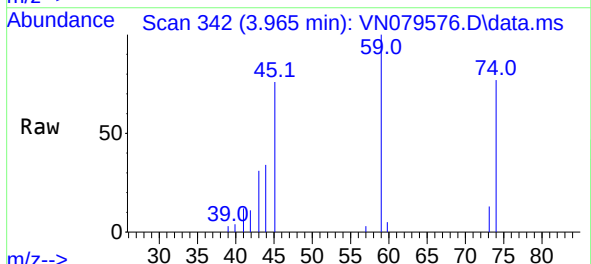
Tgt Ion:101 Resp: 2738
Ion Ratio Lower Upper
101 100
103 66.6 49.9 74.9

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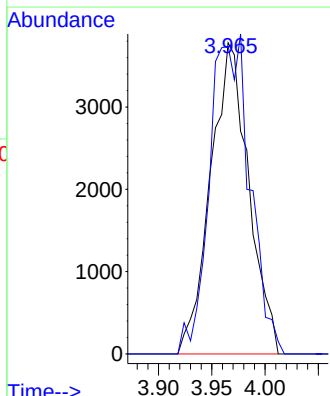
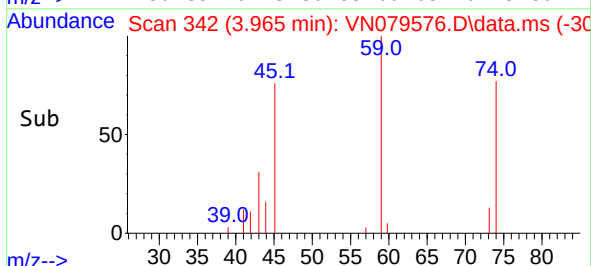
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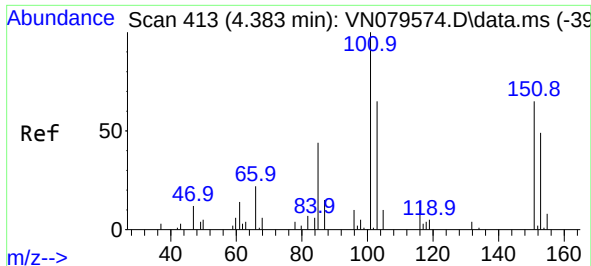


#8
Diethyl Ether
Concen: 5.178 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



Tgt Ion: 74 Resp: 9412
Ion Ratio Lower Upper
74 100
45 69.6 19.0 171.0





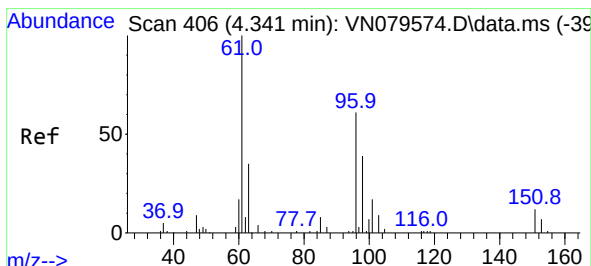
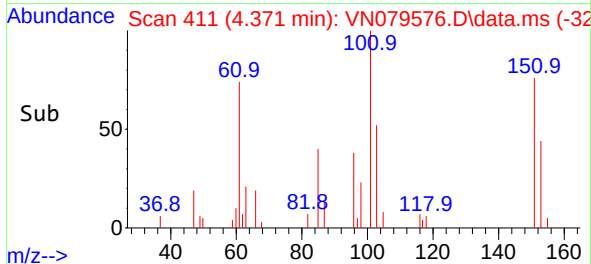
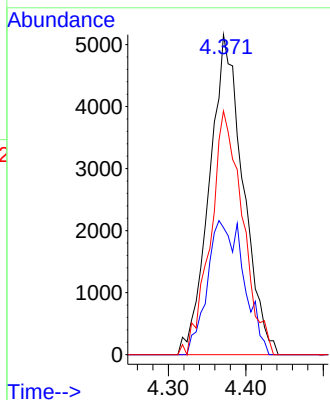
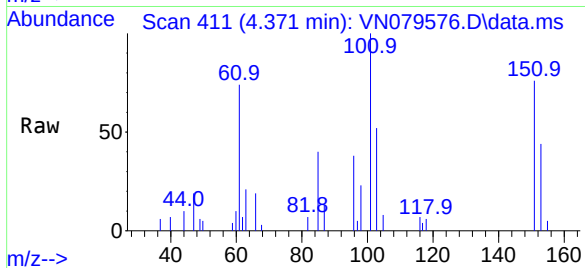
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1,1,2-Trichlorotrifluoroethane
Concen: 5.430 ug/l
RT: 4.371 min Scan# 413
Delta R.T. -0.012 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1558
Ion Ratio Lower Upper
101 100
85 30.4 0.0 92.0
151 70.6 0.0 138.4

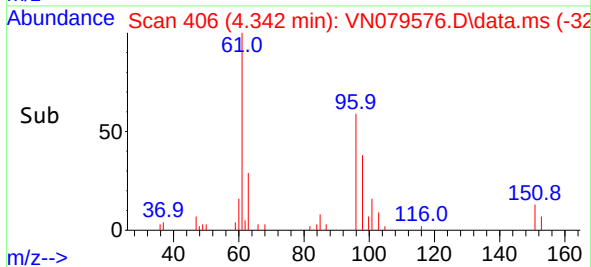
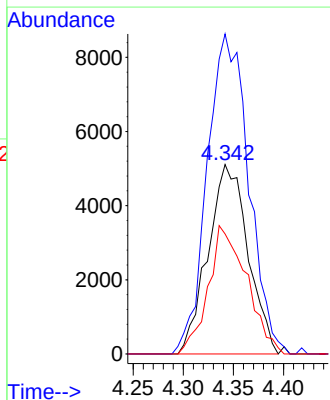
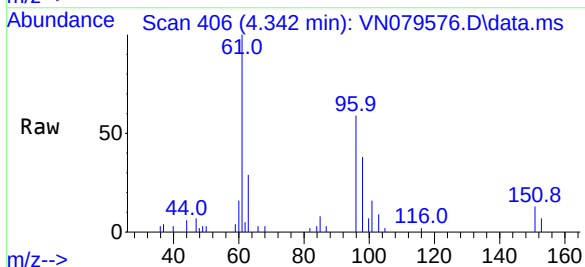
Manual Integrations
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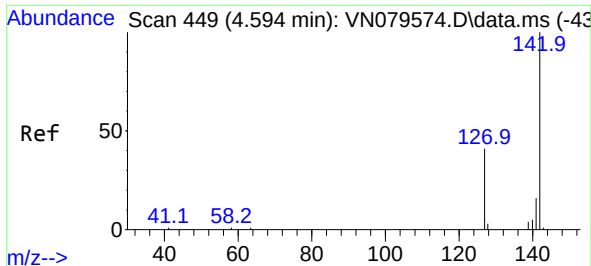
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#10
1,1-Dichloroethene
Concen: 5.196 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 96 Resp: 14184
Ion Ratio Lower Upper
96 100
61 165.0 141.3 211.9
98 63.4 53.2 79.8





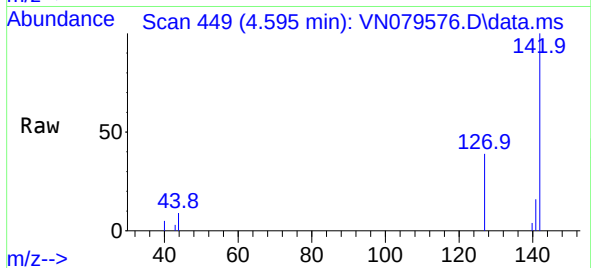
#11
Methyl Iodide
Concen: 4.757 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



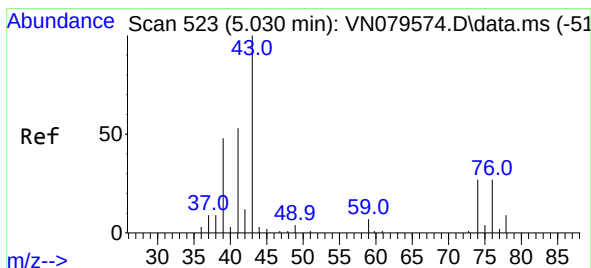
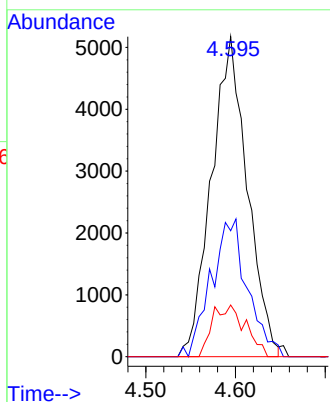
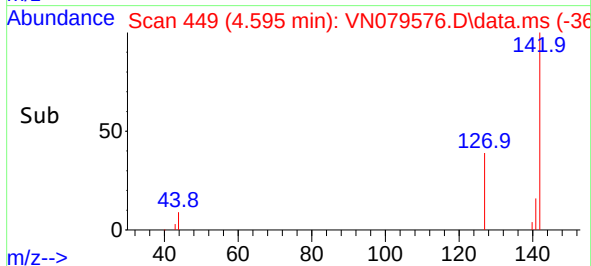
Tgt Ion:142 Resp: 14379
Ion Ratio Lower Upper
142 100
127 38.1 24.6 73.8
141 16.4 7.7 23.1

Manual Integrations

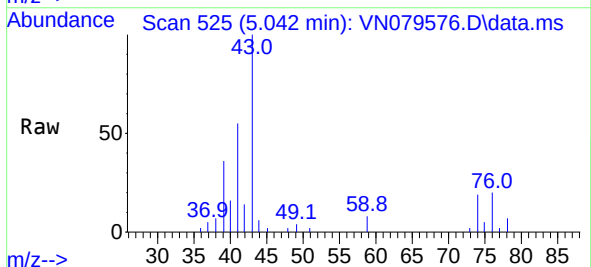
APPROVED

Reviewed By :John Carlone 10/18/2023

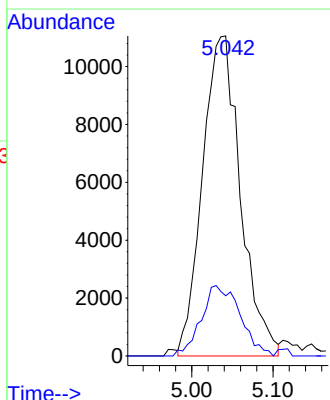
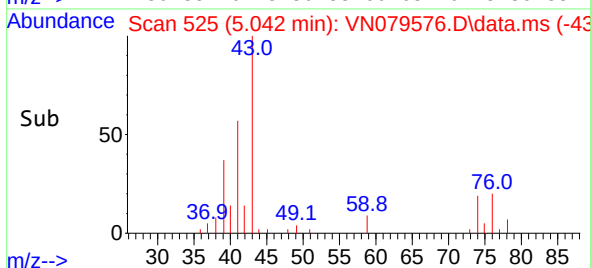
Supervised By :Mahesh Dadoda 10/20/2023

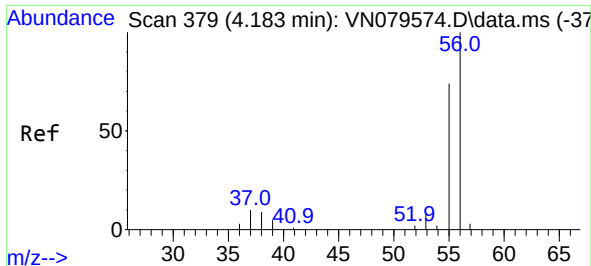


#12
Methyl Acetate
Concen: 5.458 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.012 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



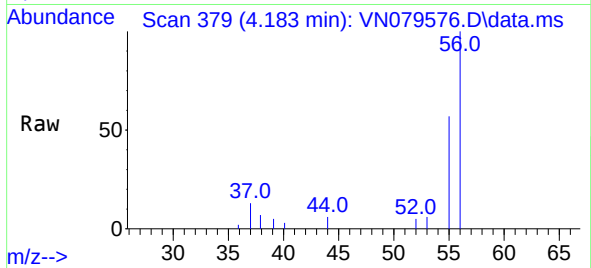
Tgt Ion: 43 Resp: 35923
Ion Ratio Lower Upper
43 100
74 17.3 18.1 27.1#





#13
Acrolein
Concen: 30.248 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

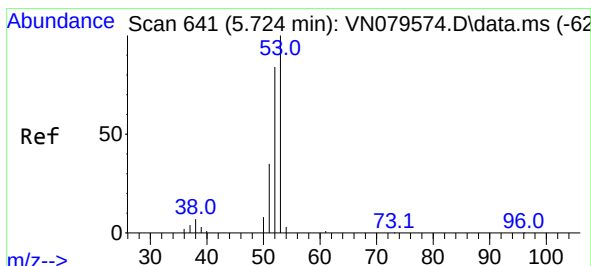
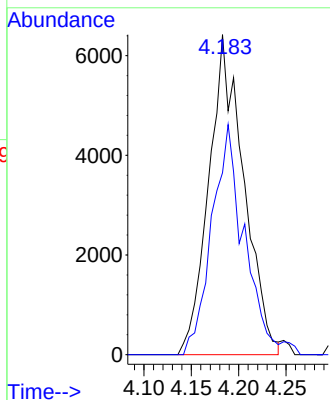
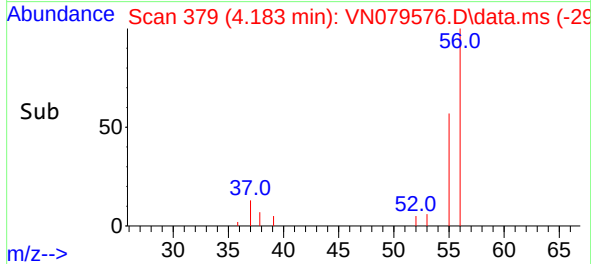
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



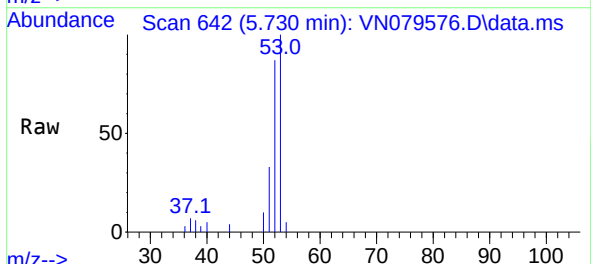
Tgt Ion: 56 Resp: 16456
Ion Ratio Lower Upper
56 100
55 66.1 57.1 85.7

Manual Integrations
APPROVED

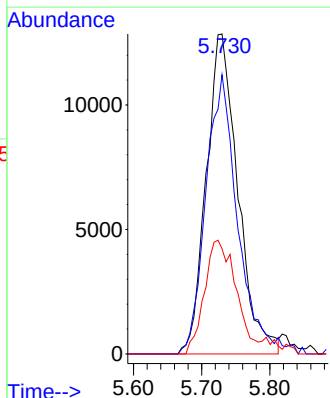
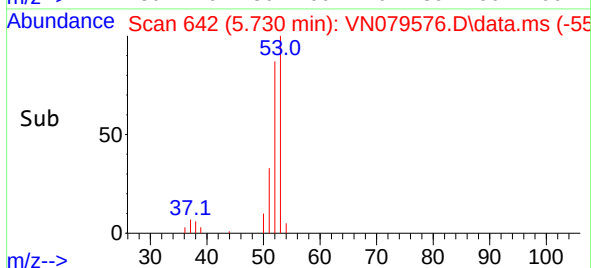
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

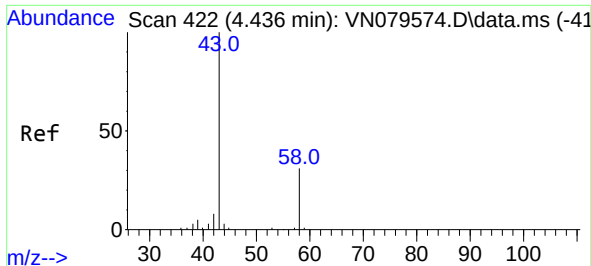


#14
Acrylonitrile
Concen: 26.297 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



Tgt Ion: 53 Resp: 41446
Ion Ratio Lower Upper
53 100
52 86.3 41.6 124.9
51 35.5 17.8 53.3





#15

Acetone

Concen: 25.909 ug/l m

RT: 4.436 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 58 Resp: 1296

Ion Ratio Lower Upper

58 100

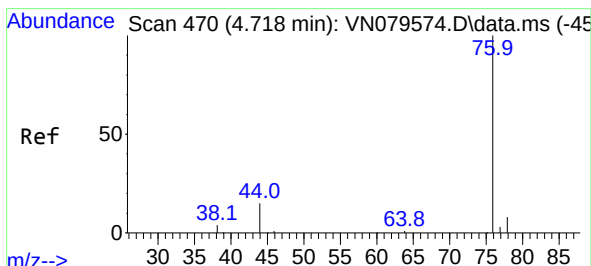
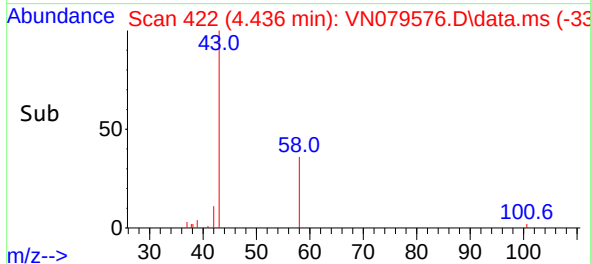
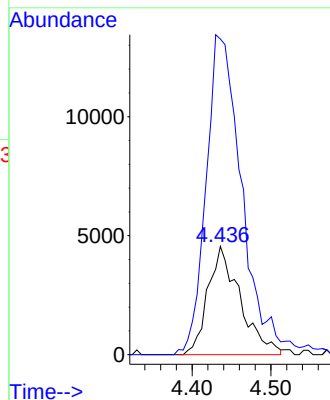
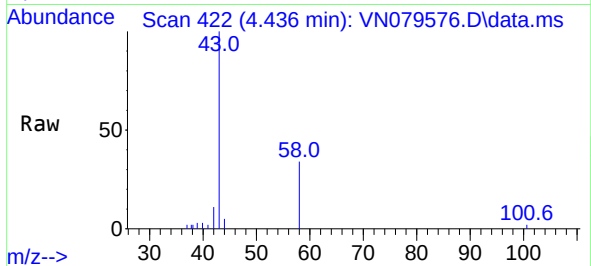
43 291.5 225.2 337.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Mahesh Dadoda 10/20/2023



#16

Carbon Disulfide

Concen: 5.516 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN079576.D

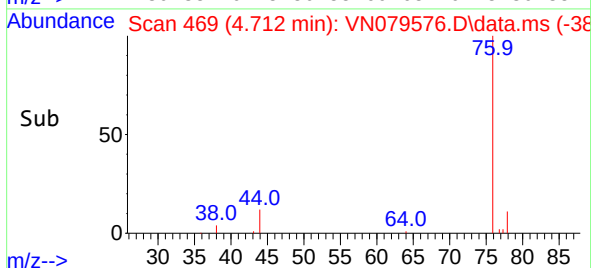
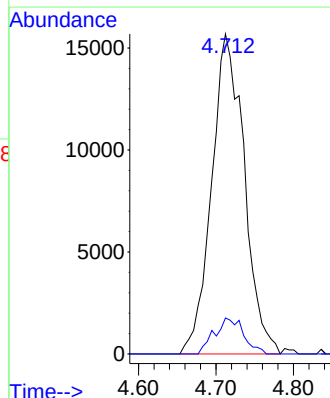
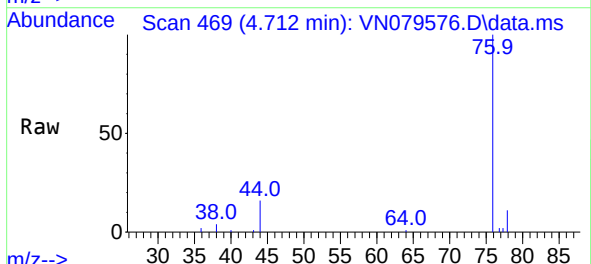
Acq: 17 Oct 2023 12:09

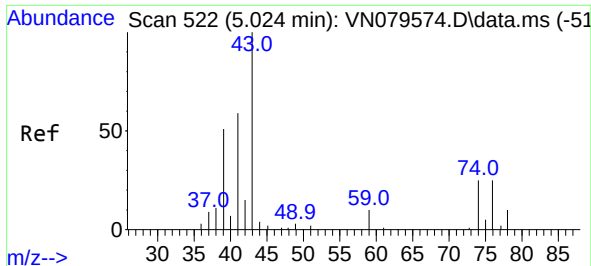
Tgt Ion: 76 Resp: 45920

Ion Ratio Lower Upper

76 100

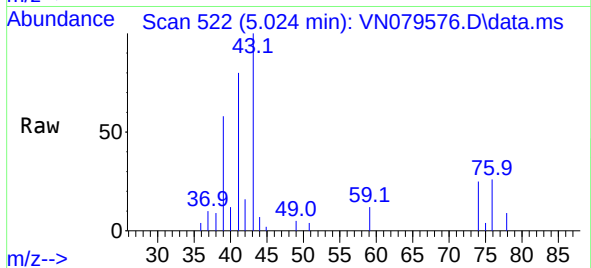
78 11.2 7.5 11.3





#17
 Allyl chloride
 Concen: 5.257 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN079576.D
 Acq: 17 Oct 2023 12:09

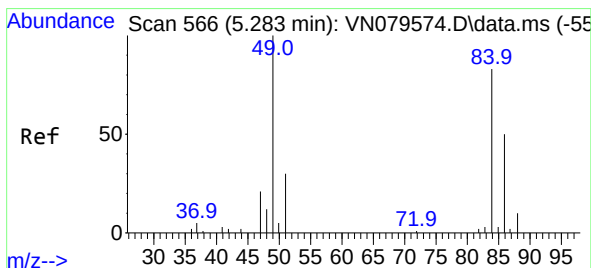
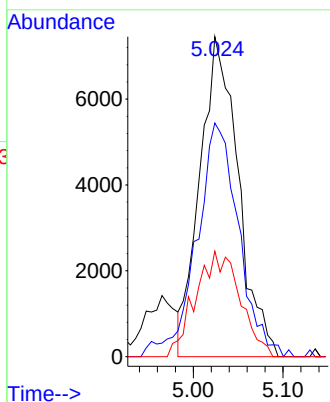
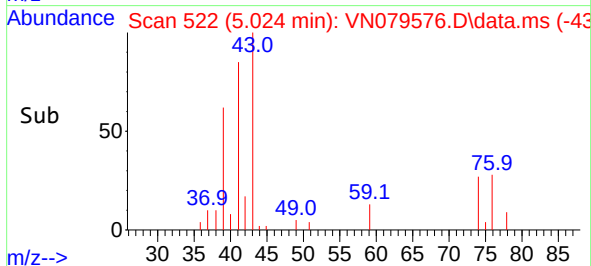
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



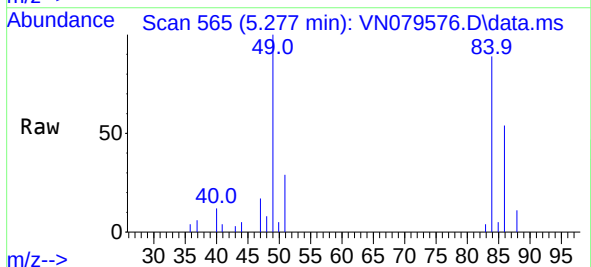
Tgt Ion: 41 Resp: 22128
 Ion Ratio Lower Upper
 41 100
 39 69.4 38.4 115.2
 76 32.9 19.5 58.5

Manual Integrations
 APPROVED

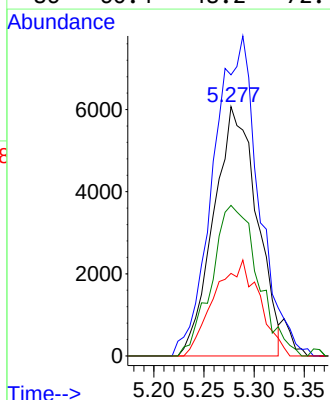
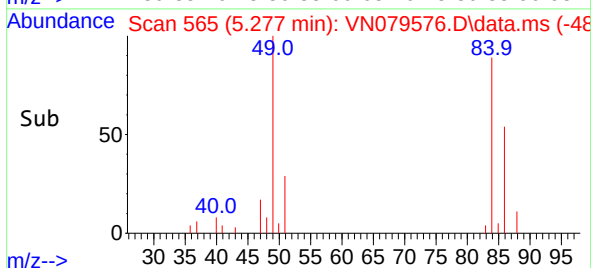
Reviewed By :John Carlone 10/18/2023
 Supervised By :Mahesh Dadoda 10/20/2023

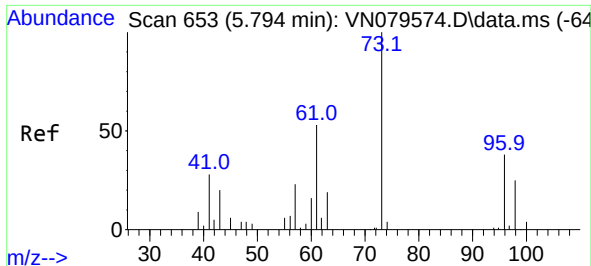


#18
 Methylene Chloride
 Concen: 5.427 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079576.D
 Acq: 17 Oct 2023 12:09



Tgt Ion: 84 Resp: 18236
 Ion Ratio Lower Upper
 84 100
 49 106.9 100.9 151.3
 51 33.1 29.4 44.2
 86 60.4 48.2 72.4





#19
trans-1,2-Dichloroethene
Concen: 5.464 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :

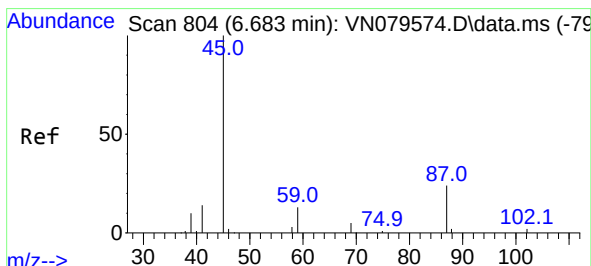
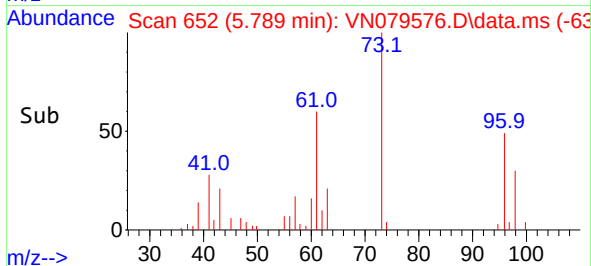
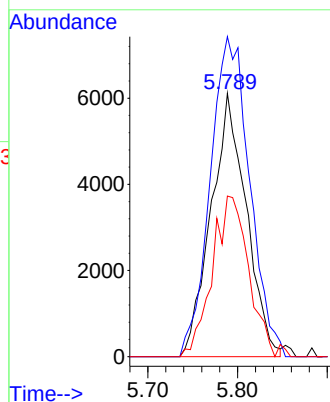
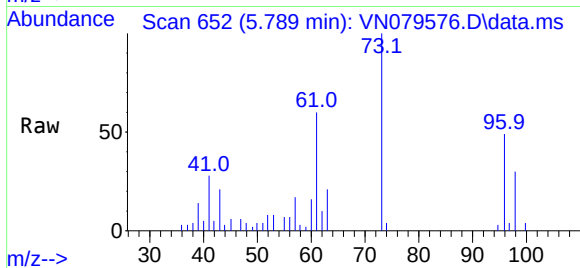
VSTDIC005

Tgt Ion: 96 Resp: 1668
Ion Ratio Lower Upper
96 100
61 121.5 113.4 170.0
98 61.0 50.4 75.6

Manual Integrations

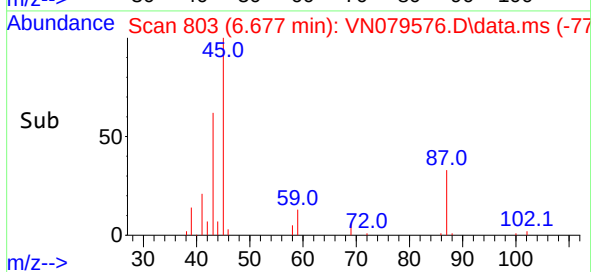
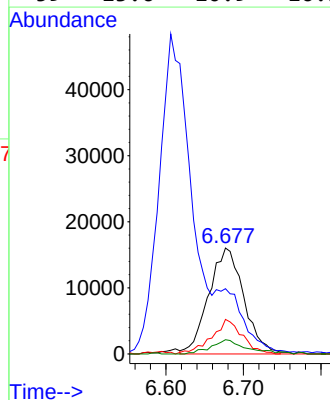
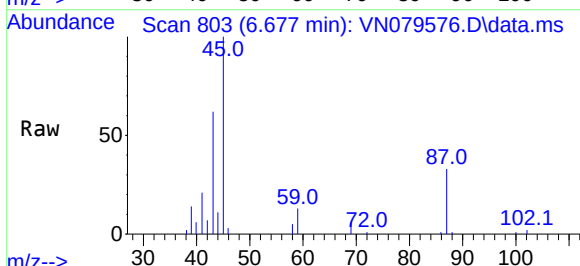
APPROVED

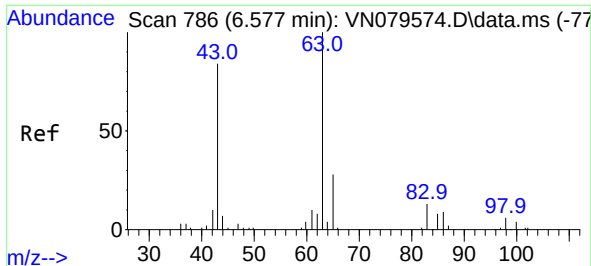
Reviewed By :John Carbone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#20
Diisopropyl ether
Concen: 5.037 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

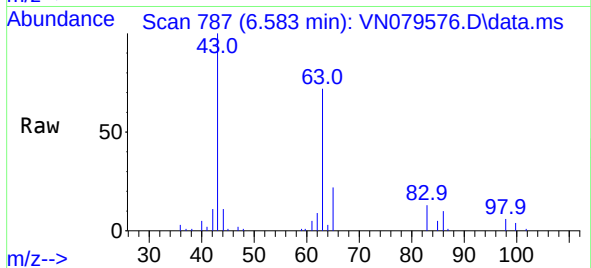
Tgt Ion: 45 Resp: 50275
Ion Ratio Lower Upper
45 100
43 59.3 42.1 63.1
87 33.2 20.5 30.7#
59 13.6 10.9 16.3





#21
1,1-Dichloroethane
Concen: 5.291 ug/l
RT: 6.583 min Scan# 786
Delta R.T. 0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

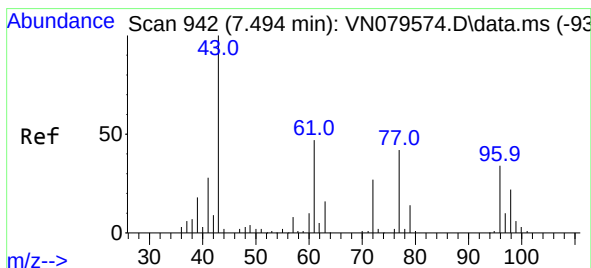
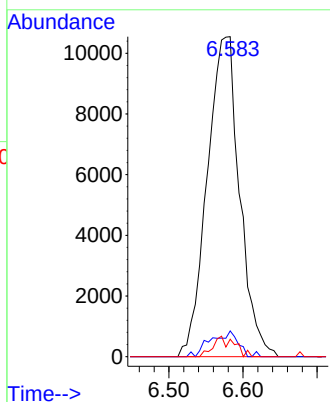
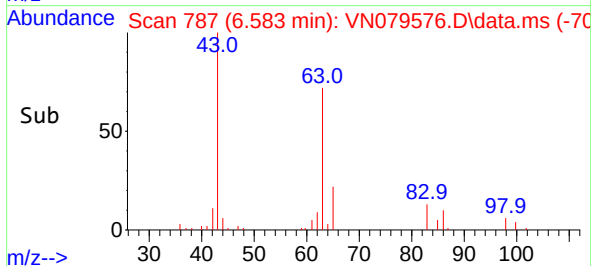
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



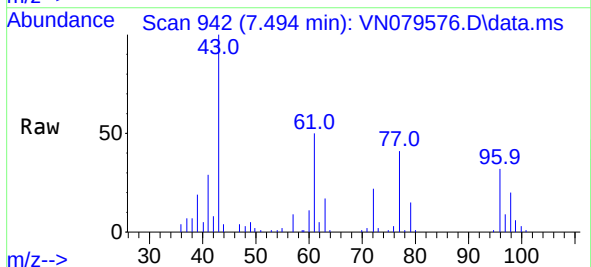
Tgt Ion: 63 Resp: 3208
Ion Ratio Lower Upper
63 100
98 8.1 2.8 8.4
100 5.5 1.9 5.7

Manual Integrations
APPROVED

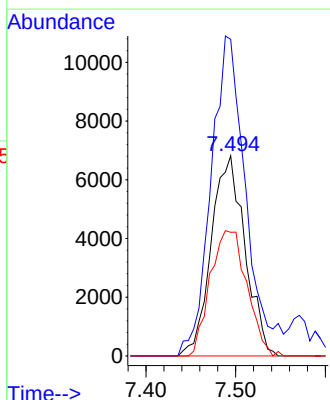
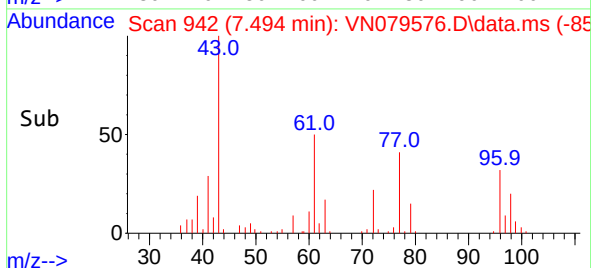
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

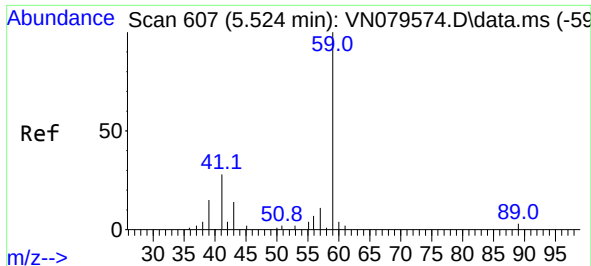


#22
cis-1,2-Dichloroethene
Concen: 5.061 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



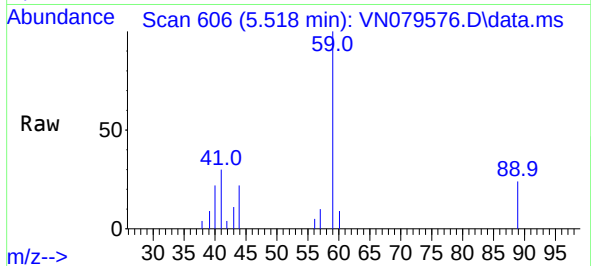
Tgt Ion: 96 Resp: 17802
Ion Ratio Lower Upper
96 100
61 161.0 124.6 186.8
98 67.8 54.2 81.4





#23
tert-Butyl Alcohol
Concen: 29.878 ug/l m
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

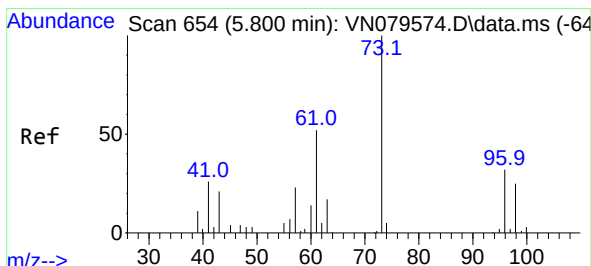
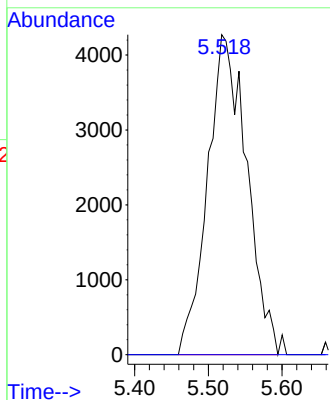
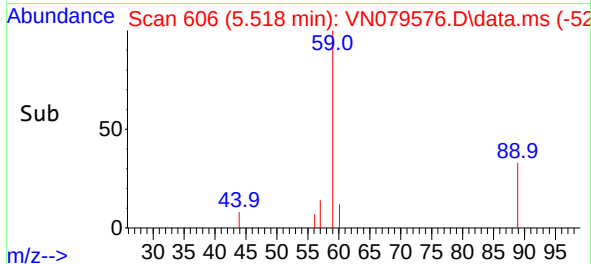
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



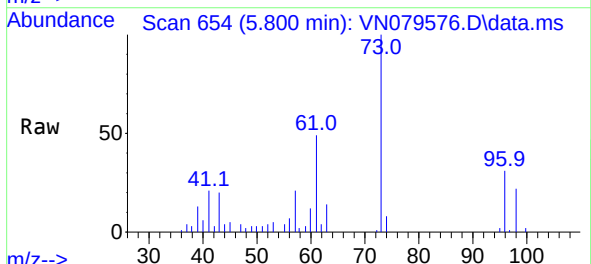
Tgt Ion: 59 Resp: 15759
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

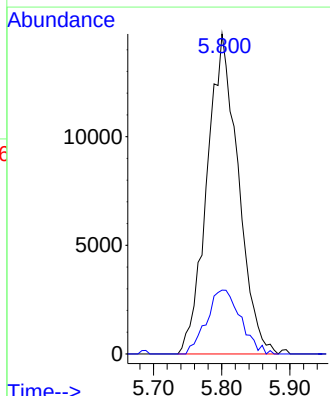
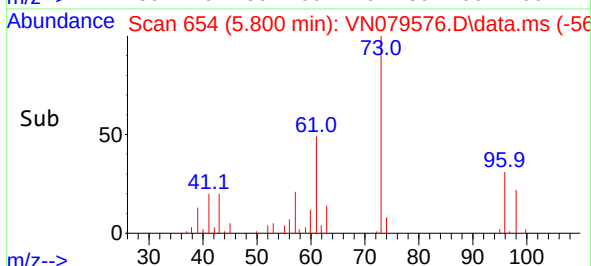
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

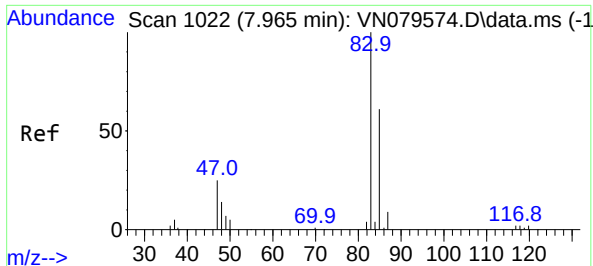


#24
Methyl tert-Butyl Ether
Concen: 5.123 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



Tgt Ion: 73 Resp: 46926
Ion Ratio Lower Upper
73 100
43 21.6 16.6 24.8





#25

Chloroform

Concen: 5.372 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.012 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 3291

Ion Ratio Lower Upper

83 100

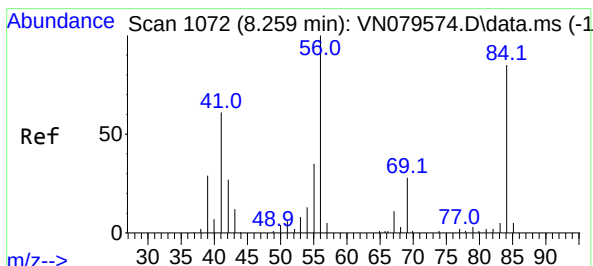
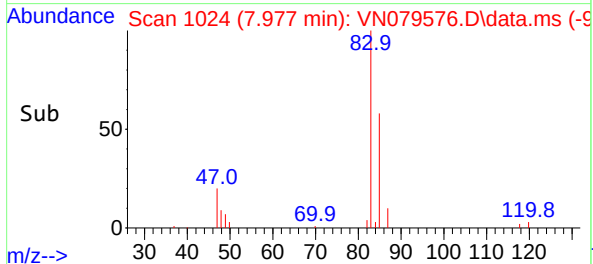
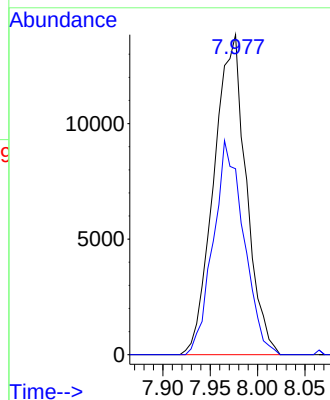
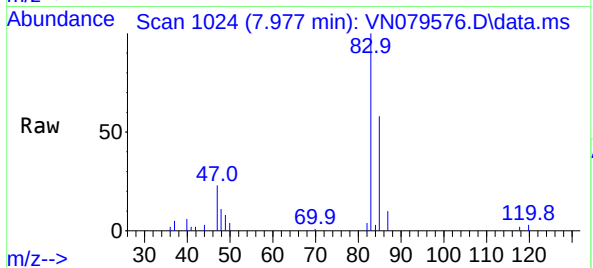
85 58.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Mahesh Dadoda 10/20/2023



#26

Cyclohexane

Concen: 4.836 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

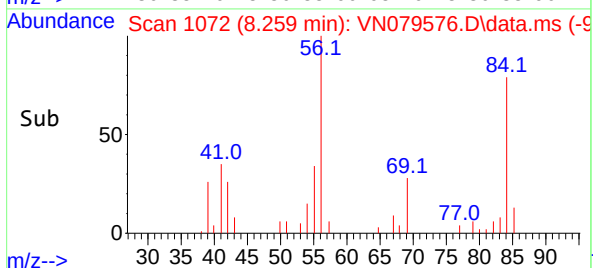
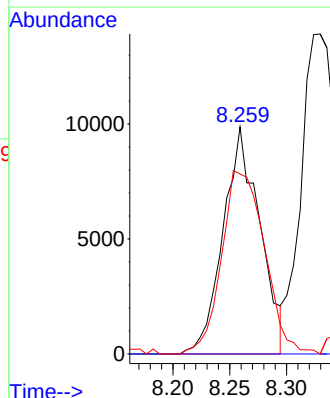
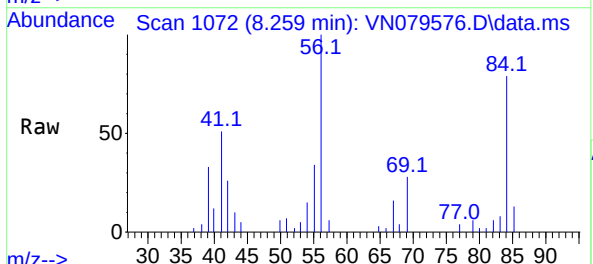
Tgt Ion: 56 Resp: 22172

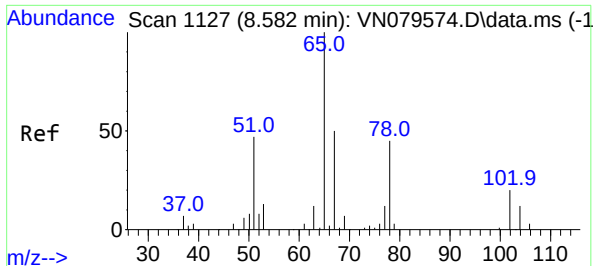
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 94.1 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 30.996 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :

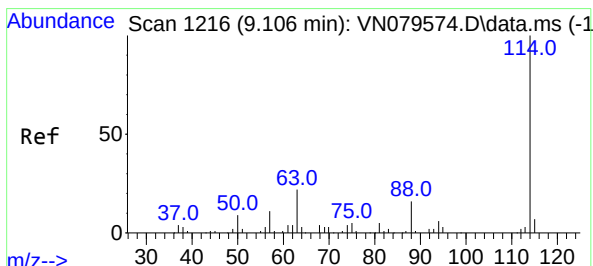
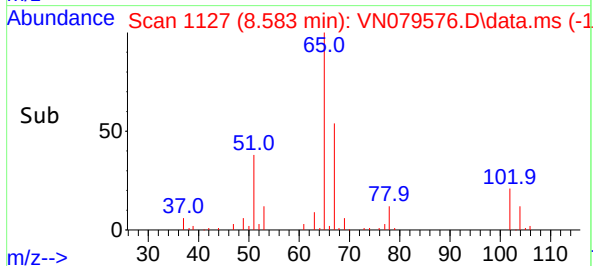
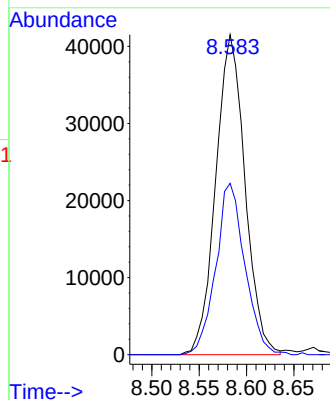
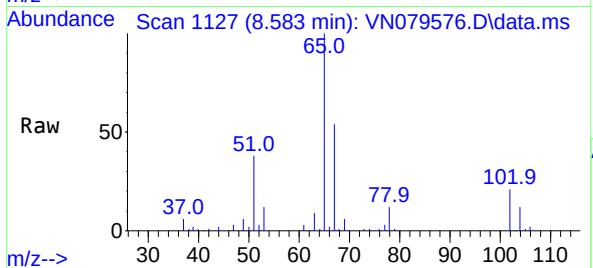
VSTDIC005

Tgt Ion: 65 Resp: 89290
Ion Ratio Lower Upper
65 100
67 53.0 42.1 63.1

Manual Integrations

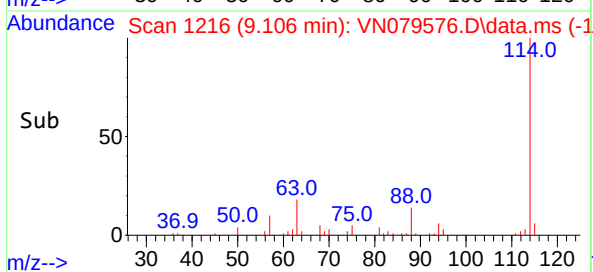
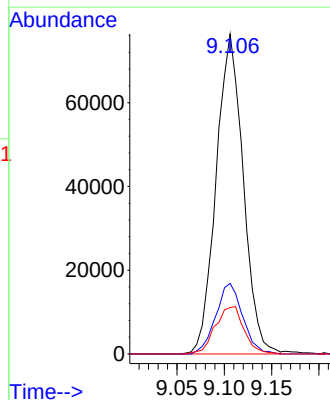
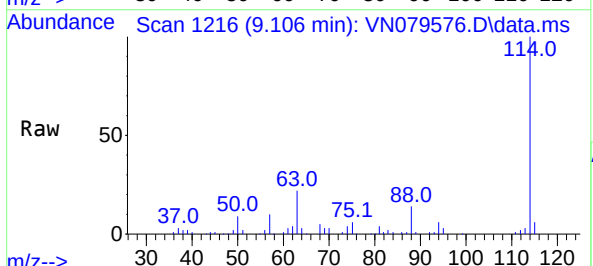
APPROVED

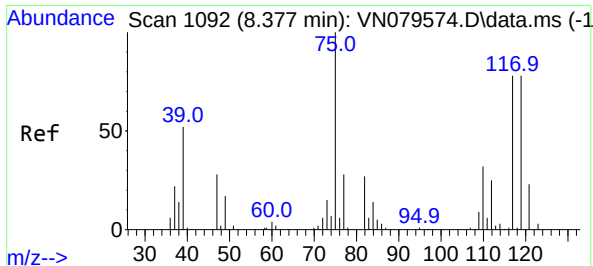
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion:114 Resp: 151891
Ion Ratio Lower Upper
114 100
63 21.9 18.1 27.1
88 15.7 12.2 18.2





#29
1,1-Dichloropropene
Concen: 5.153 ug/l
RT: 8.383 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

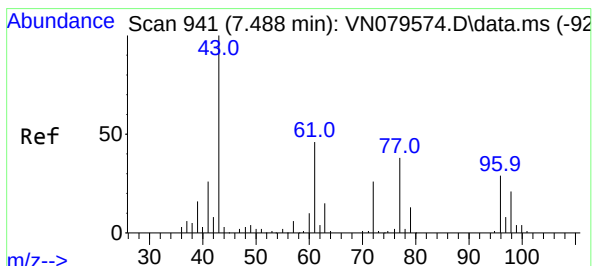
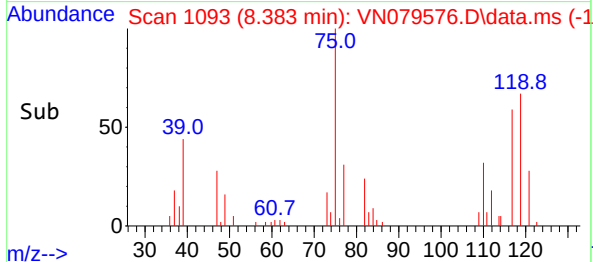
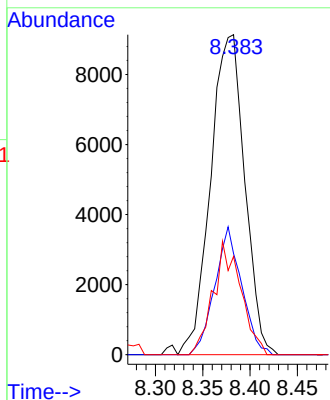
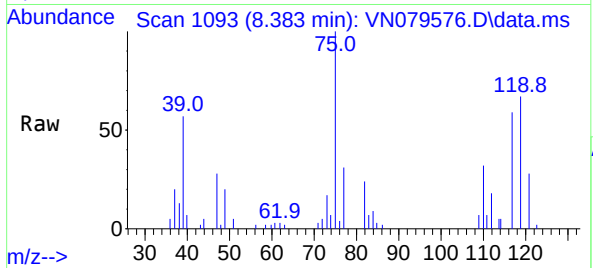
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 22875

Ion	Ratio	Lower	Upper
75	100		
110	31.6	0.0	66.8
77	28.7	0.0	61.2

Manual Integrations
APPROVED

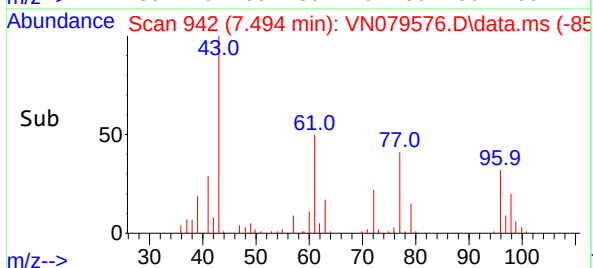
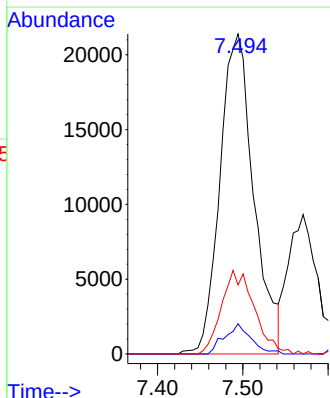
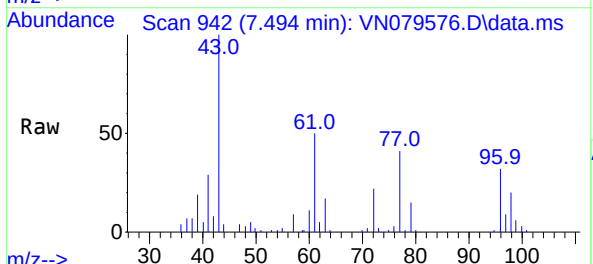
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

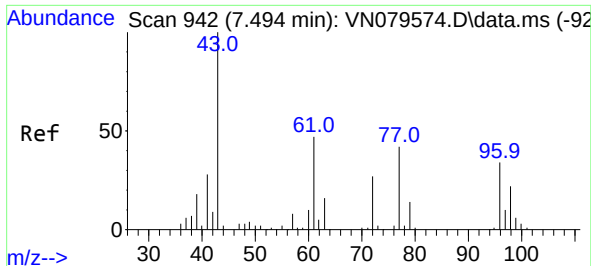


#30
2-Butanone
Concen: 26.483 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 43 Resp: 58925

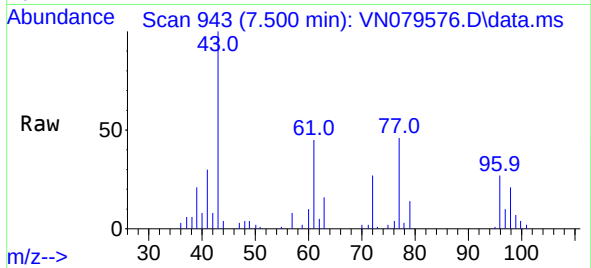
Ion	Ratio	Lower	Upper
43	100		
57	7.2	6.4	9.6
72	25.2	20.7	31.1





#31
2,2-Dichloropropane
Concen: 5.334 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

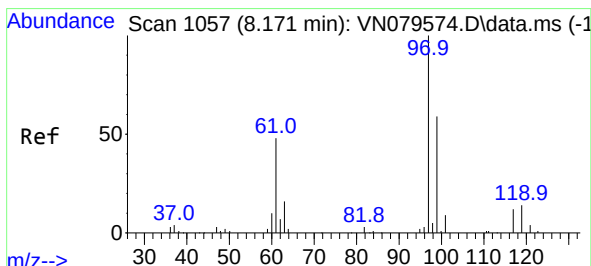
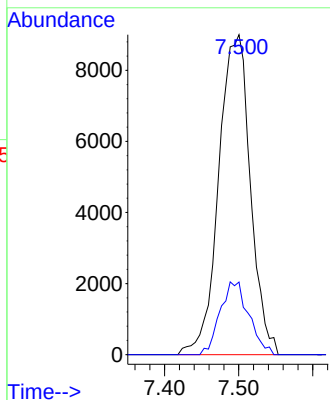
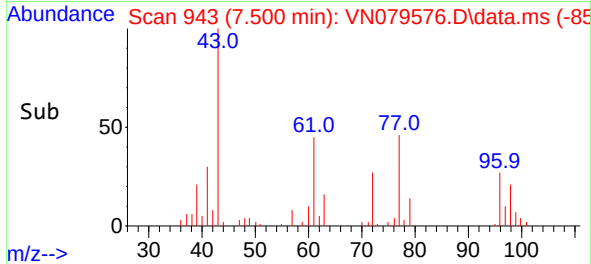
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



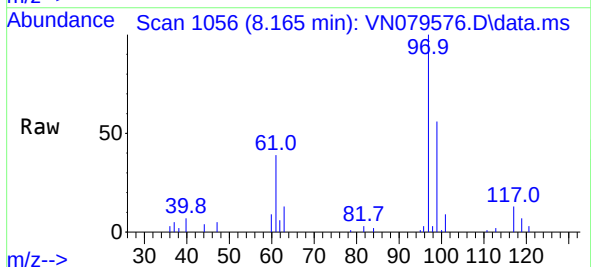
Tgt Ion: 77 Resp: 2669
Ion Ratio Lower Upper
77 100
97 20.7 17.9 26.9

Manual Integrations
APPROVED

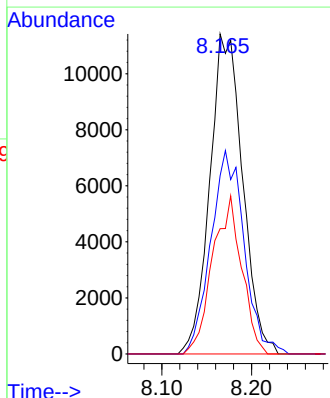
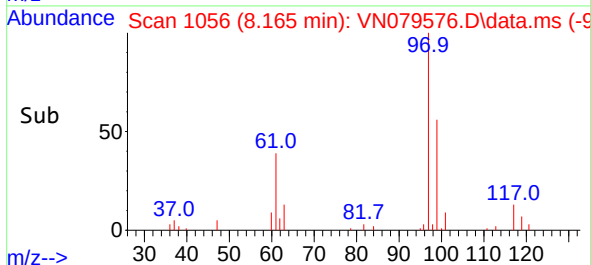
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

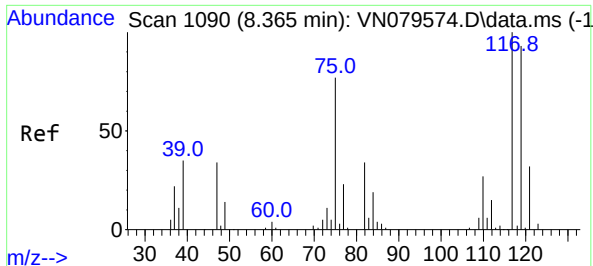


#32
1,1,1-Trichloroethane
Concen: 5.487 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



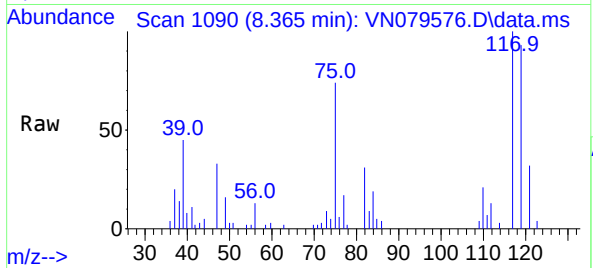
Tgt Ion: 97 Resp: 28950
Ion Ratio Lower Upper
97 100
99 63.5 51.9 77.9
61 43.9 37.6 56.4





#33
Carbon Tetrachloride
Concen: 5.170 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

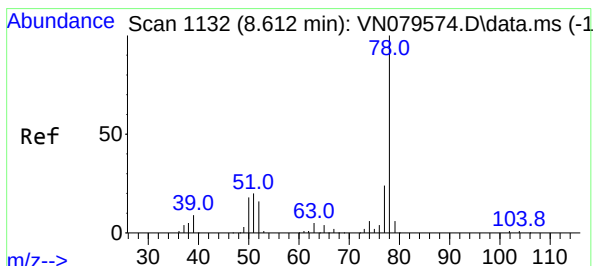
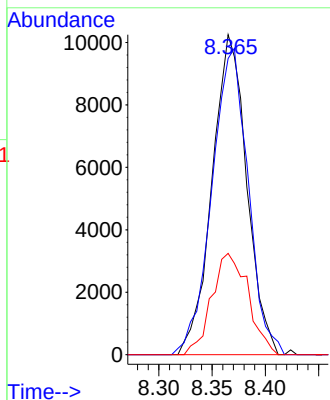
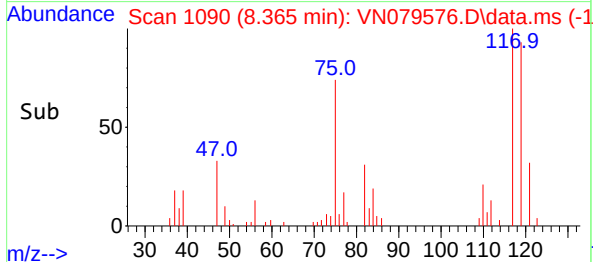
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



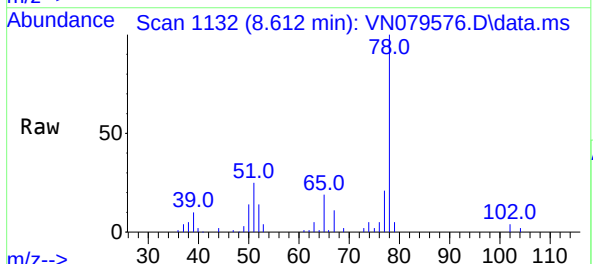
Tgt Ion:117 Resp: 23198
Ion Ratio Lower Upper
117 100
119 90.6 75.0 112.6
121 31.6 24.3 36.5

Manual Integrations
APPROVED

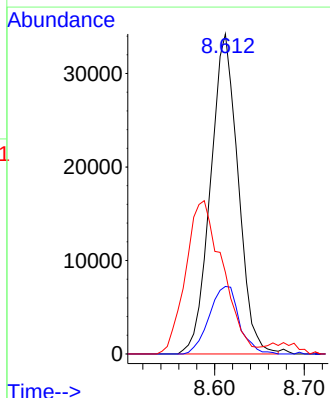
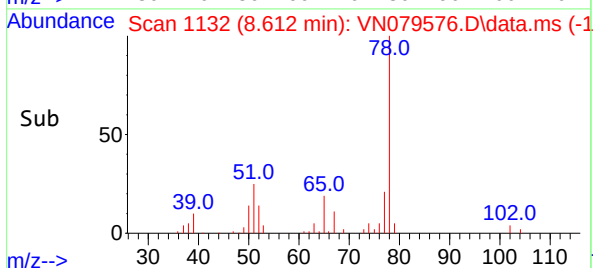
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

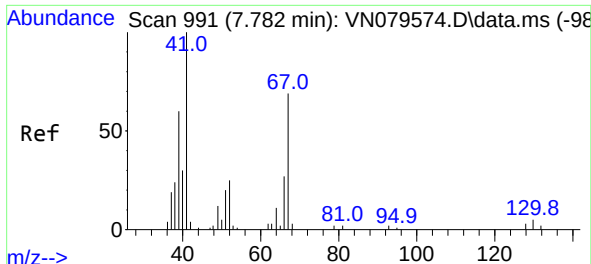


#34
Benzene
Concen: 5.419 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



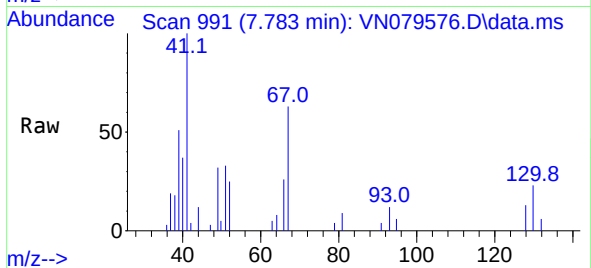
Tgt Ion: 78 Resp: 73079
Ion Ratio Lower Upper
78 100
77 21.1 19.7 29.5
51 22.9 15.8 23.6





#35
Methacrylonitrile
Concen: 5.315 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

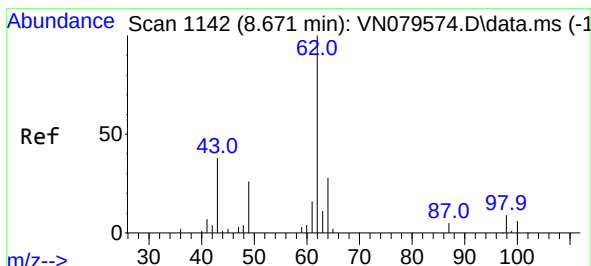
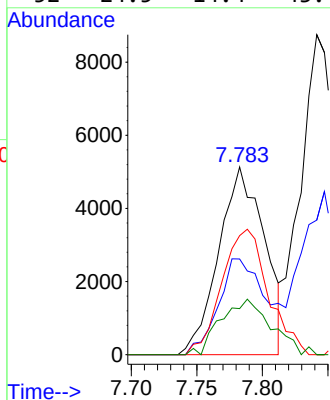
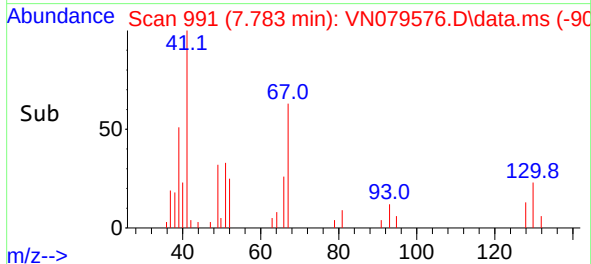


Tgt Ion: 41 Resp: 1244

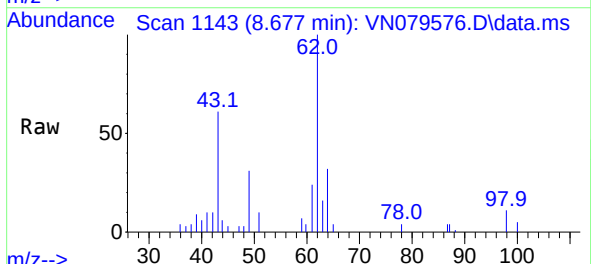
Ion	Ratio	Lower	Upper
41	100		
39	50.9	26.3	78.8
67	63.4	37.5	112.3
52	24.5	14.4	43.4

Manual Integrations
APPROVED

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

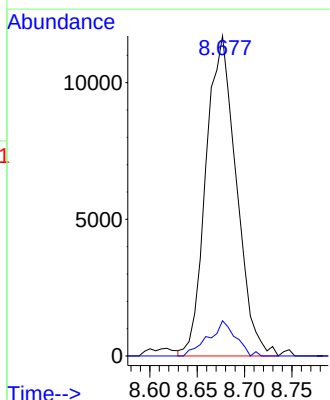
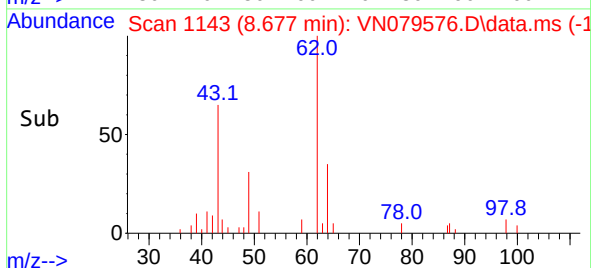


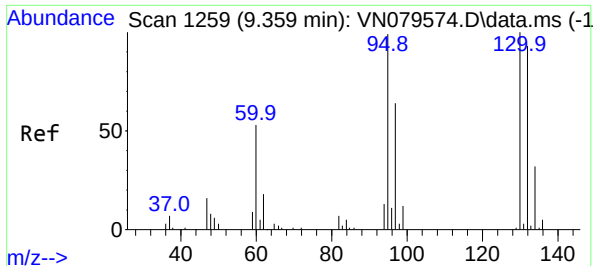
#36
1,2-Dichloroethane
Concen: 5.432 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



Tgt Ion: 62 Resp: 26157

Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.2	10.8





#37
Trichloroethene
Concen: 5.384 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :

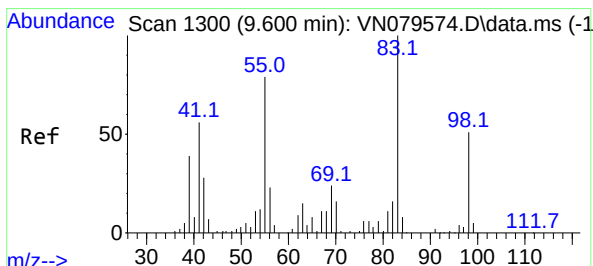
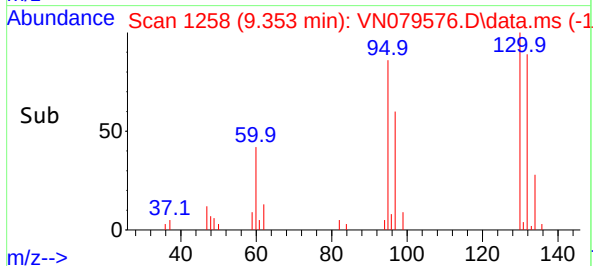
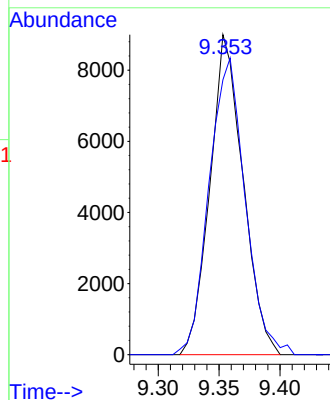
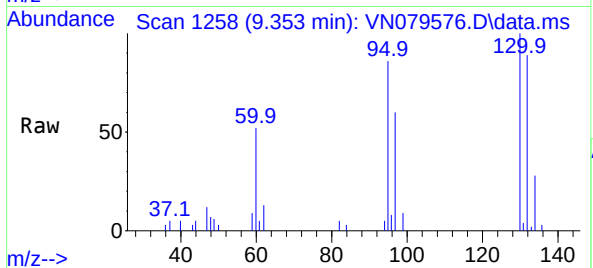
VSTDIC005

Tgt Ion:130 Resp: 16974
Ion Ratio Lower Upper
130 100
95 84.2 81.2 121.8

Manual Integrations

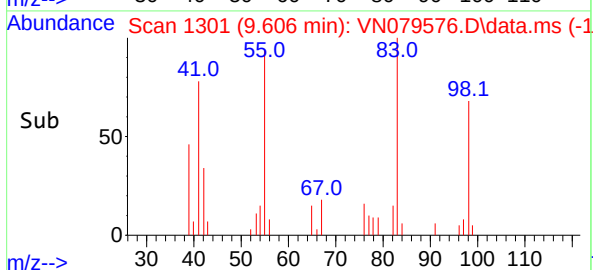
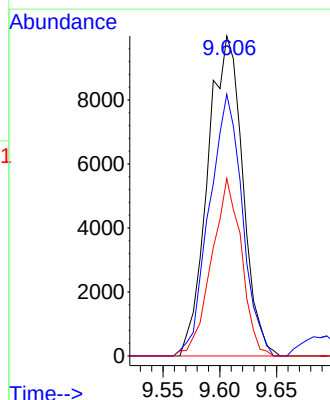
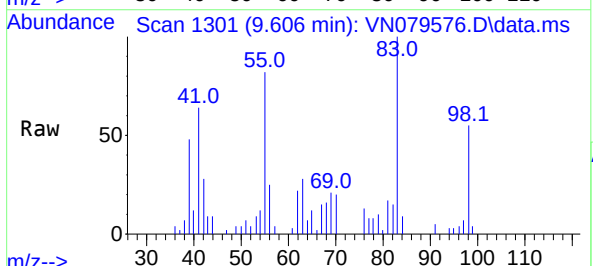
APPROVED

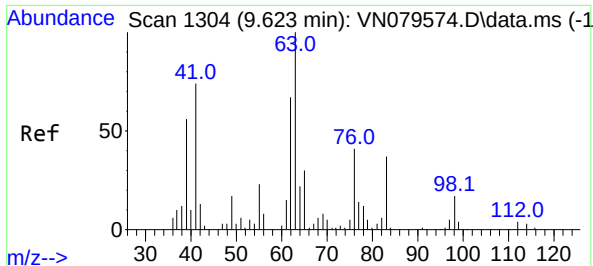
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#38
Methylcyclohexane
Concen: 4.996 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 83 Resp: 21351
Ion Ratio Lower Upper
83 100
55 77.7 39.7 119.1
98 47.6 24.4 73.2





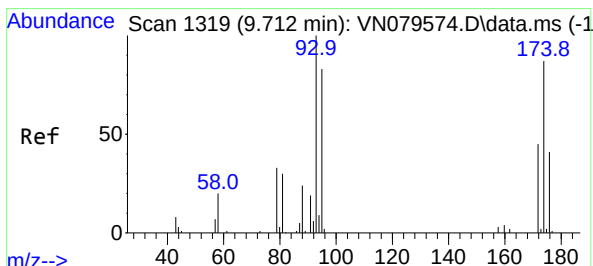
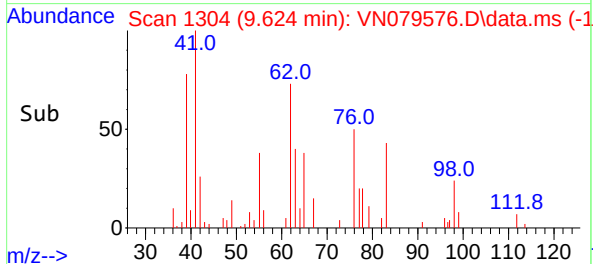
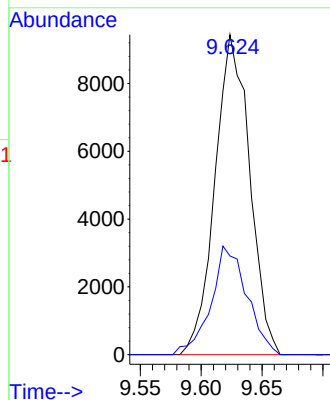
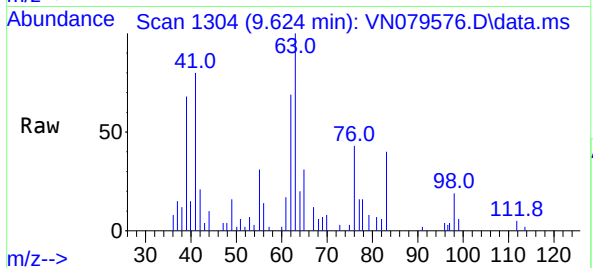
#39
1,2-Dichloropropane
Concen: 5.255 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 1870
Ion Ratio Lower Upper
63 100
65 30.8 25.3 37.9

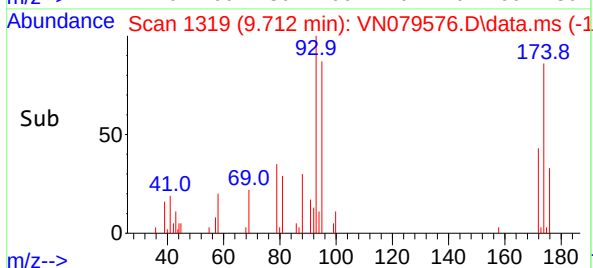
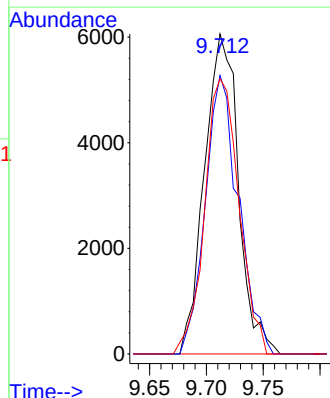
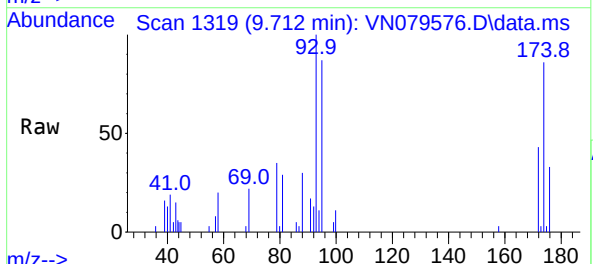
Manual Integrations
APPROVED

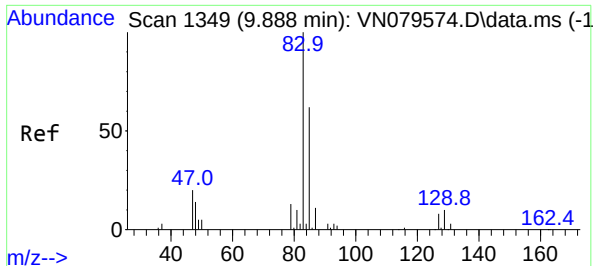
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#40
Dibromomethane
Concen: 5.390 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

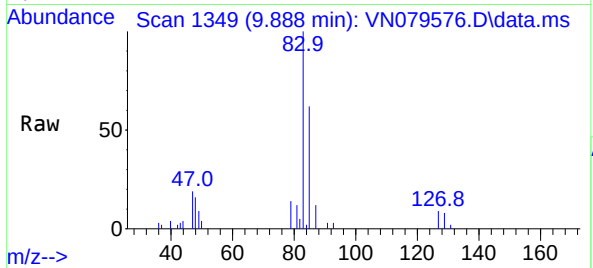
Tgt Ion: 93 Resp: 12589
Ion Ratio Lower Upper
93 100
95 85.3 0.0 166.6
174 86.8 0.0 171.0





#41
Bromodichloromethane
Concen: 5.253 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

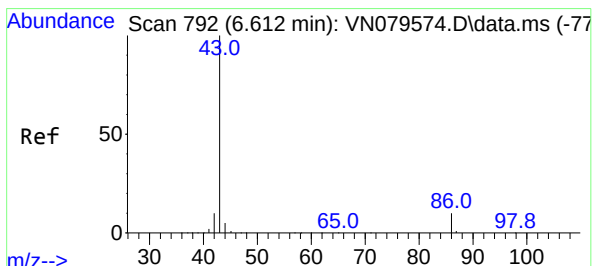
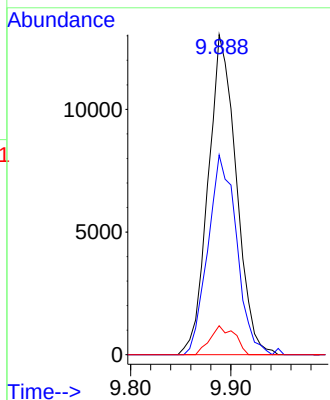
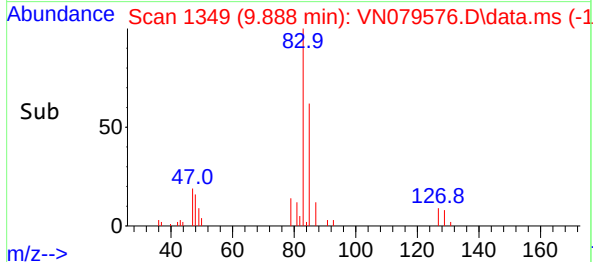
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



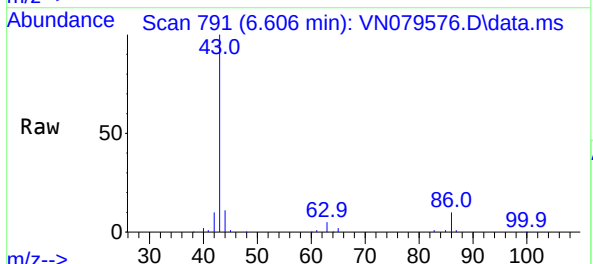
Tgt Ion: 83 Resp: 2542
Ion Ratio Lower Upper
83 100
85 62.4 50.3 75.5
127 9.0 6.8 10.2

Manual Integrations
APPROVED

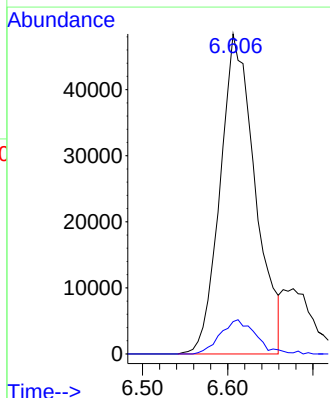
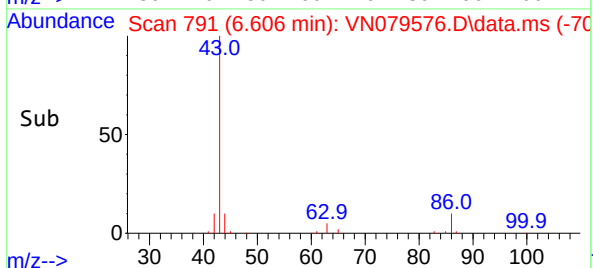
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

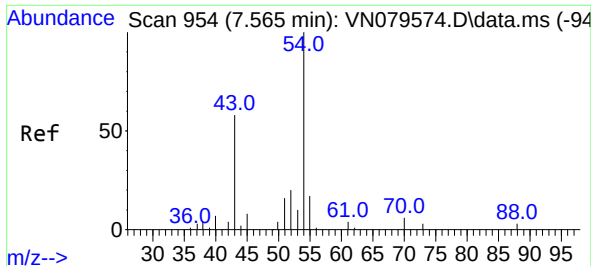


#42
Vinyl Acetate
Concen: 24.513 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



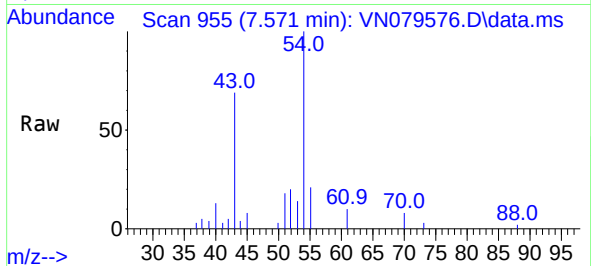
Tgt Ion: 43 Resp: 138354
Ion Ratio Lower Upper
43 100
86 10.2 8.2 12.2





#43
Ethyl Acetate
Concen: 5.145 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

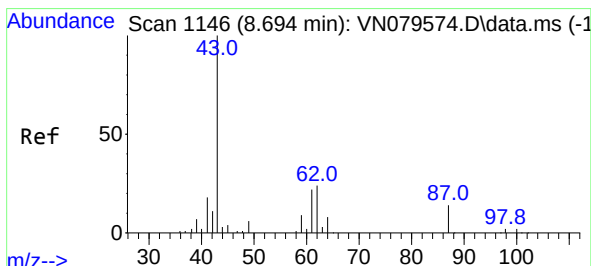
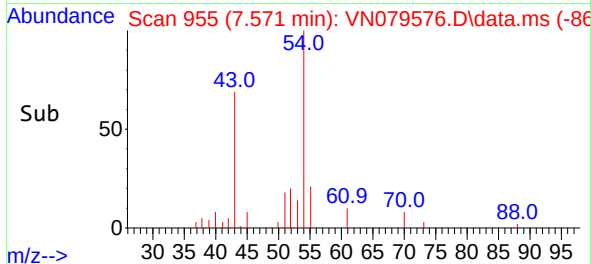
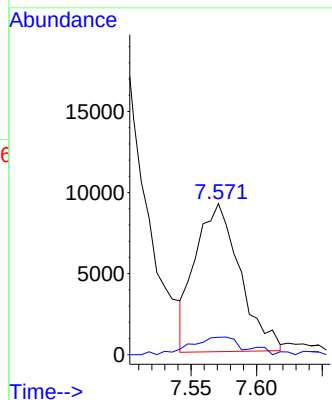
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 2152
Ion Ratio Lower Upper
43 100
45 11.8 11.8 17.8

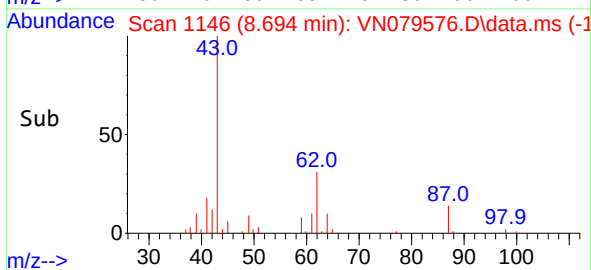
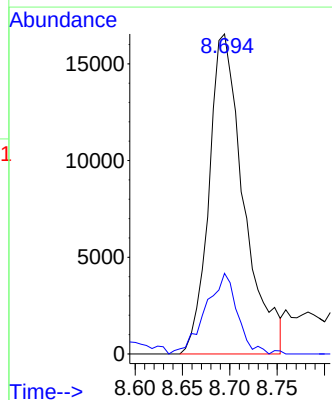
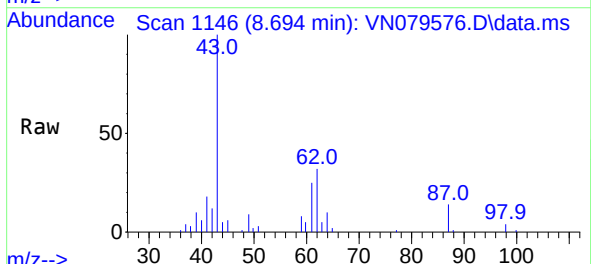
Manual Integrations
APPROVED

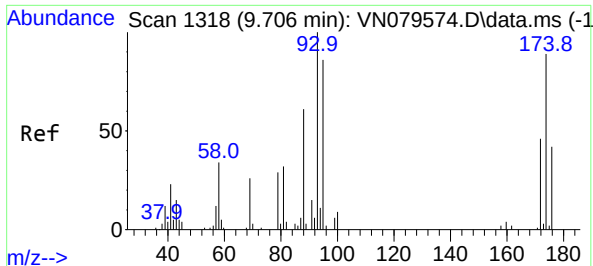
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#44
Isopropyl Acetate
Concen: 5.683 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

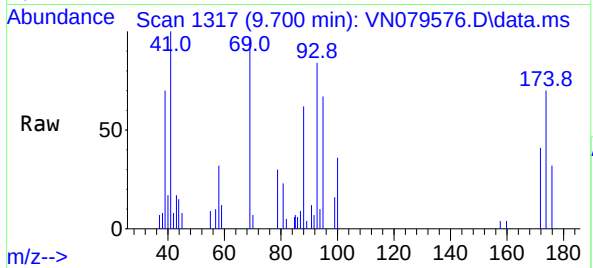
Tgt Ion: 43 Resp: 42264
Ion Ratio Lower Upper
43 100
61 22.3 20.3 30.5





#45
1,4-Dioxane
Concen: 101.515 ug/l
RT: 9.700 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

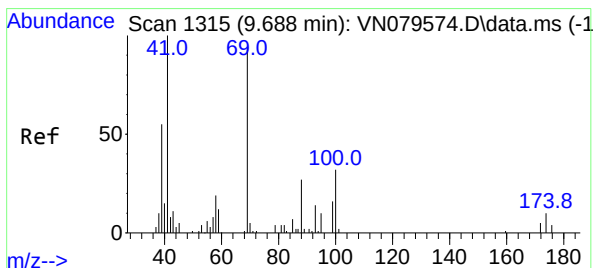
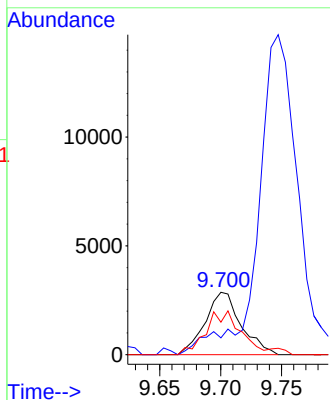
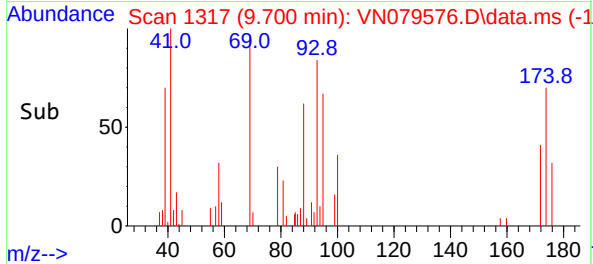
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



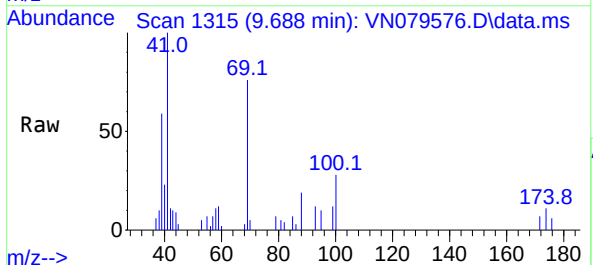
Tgt Ion: 88 Resp: 5910
Ion Ratio Lower Upper
88 100
43 24.0 28.7 43.1
58 67.5 56.9 85.3

Manual Integrations
APPROVED

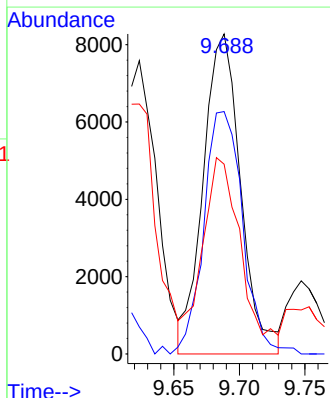
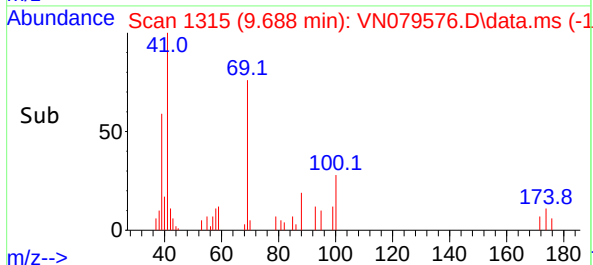
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

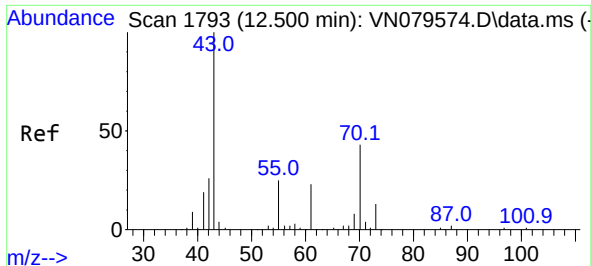


#46
Methyl methacrylate
Concen: 4.983 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



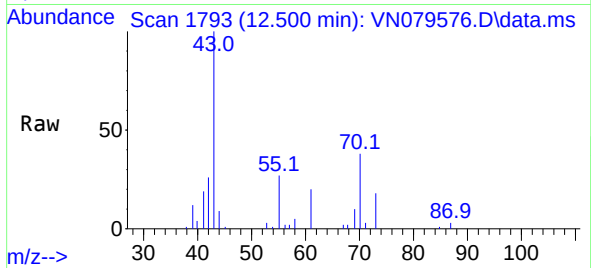
Tgt Ion: 41 Resp: 16441
Ion Ratio Lower Upper
41 100
69 79.2 40.0 119.9
39 57.4 31.1 93.3





#47
n-amy1 Acetate
Concen: 4.299 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

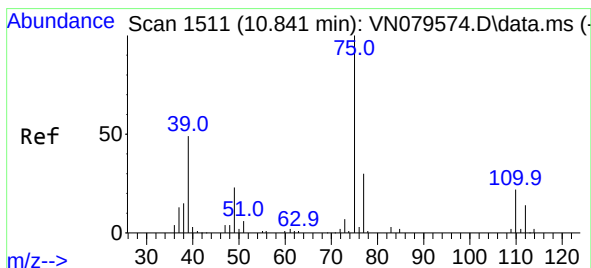
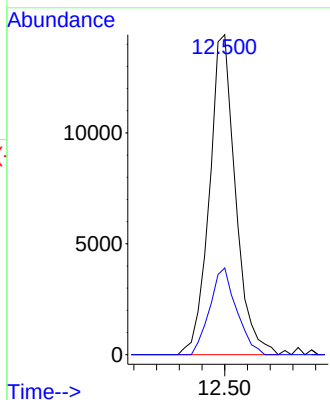
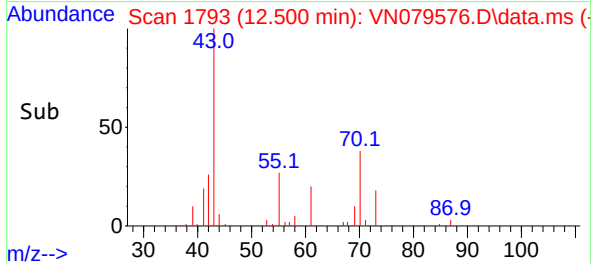
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



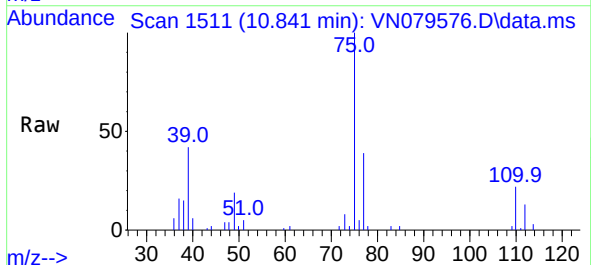
Tgt Ion: 43 Resp: 23075
Ion Ratio Lower Upper
43 100
55 27.7 20.7 31.1

Manual Integrations
APPROVED

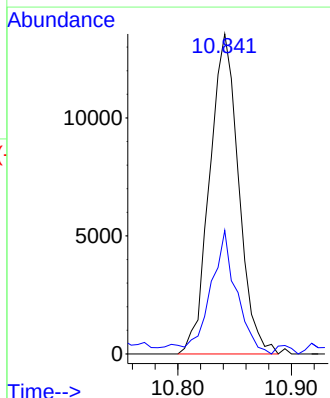
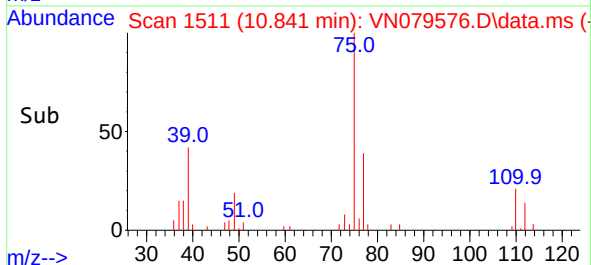
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

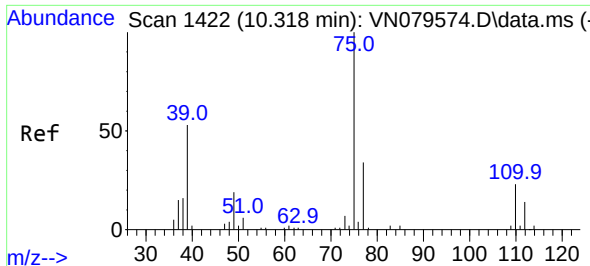


#48
t-1,3-Dichloropropene
Concen: 4.921 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



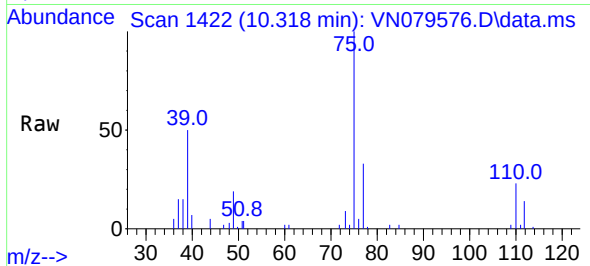
Tgt Ion: 75 Resp: 24078
Ion Ratio Lower Upper
75 100
77 36.2 25.6 38.4





#49
 cis-1,3-Dichloropropene
 Concen: 4.965 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079576.D
 Acq: 17 Oct 2023 12:09

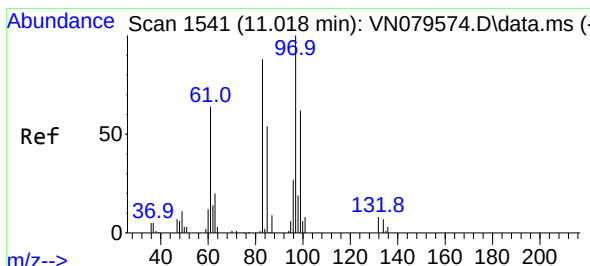
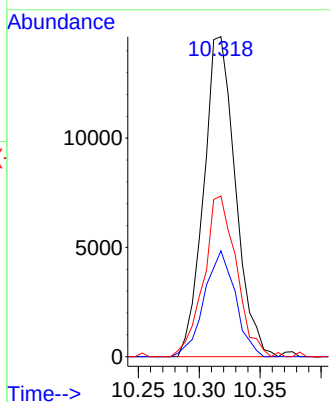
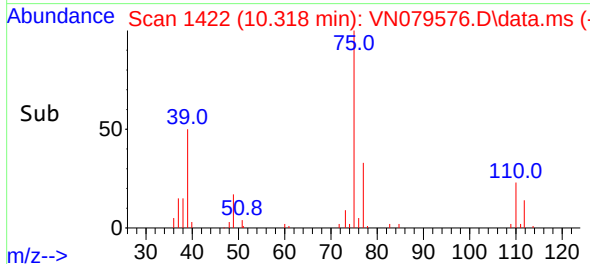
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



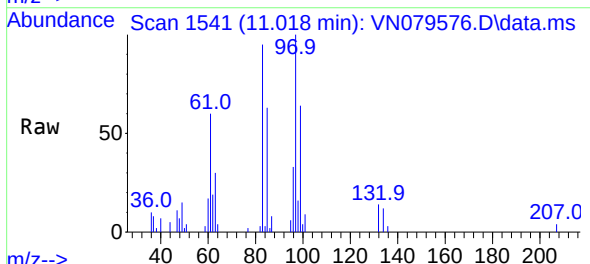
Tgt Ion: 75 Resp: 26564
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.8 38.6
 39 48.9 42.4 63.6

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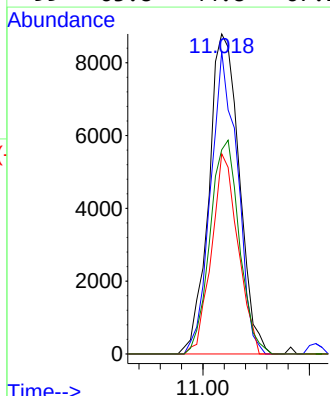
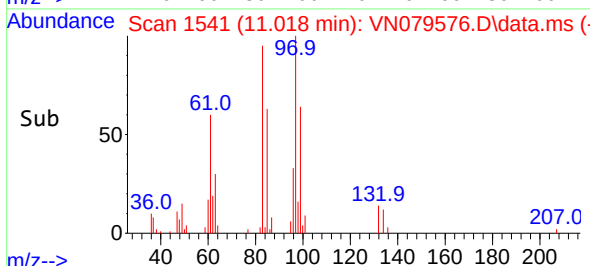
Reviewed By :John Carlone 10/18/2023
 Supervised By :Mahesh Dadoda 10/20/2023

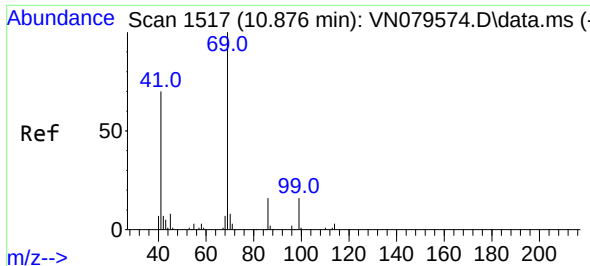


#50
 1,1,2-Trichloroethane
 Concen: 5.372 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN079576.D
 Acq: 17 Oct 2023 12:09



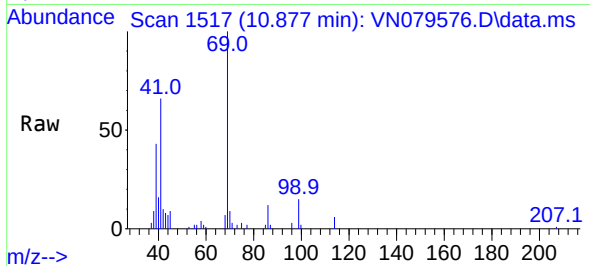
Tgt Ion: 97 Resp: 17407
 Ion Ratio Lower Upper
 97 100
 83 94.5 68.2 102.4
 85 62.6 42.9 64.3
 99 63.8 44.8 67.2





#51
Ethyl methacrylate
Concen: 4.482 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

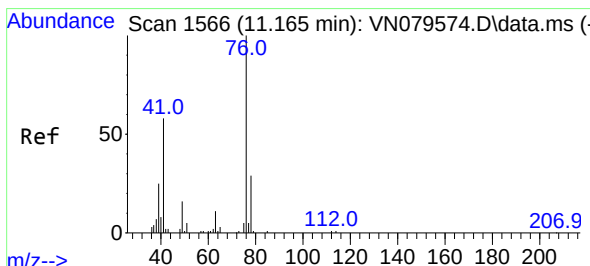
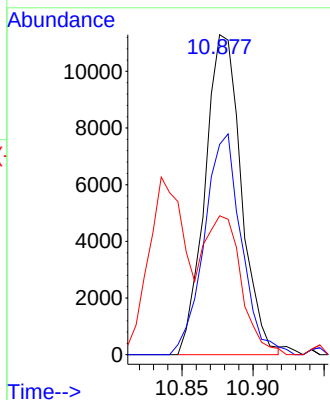
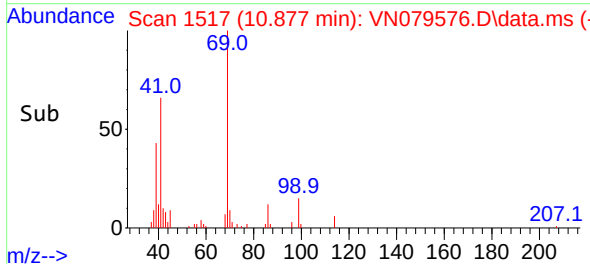
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



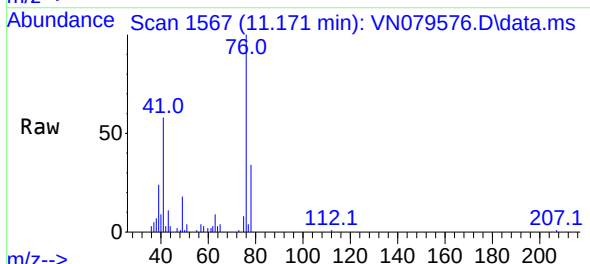
Tgt Ion: 69 Resp: 20038
Ion Ratio Lower Upper
69 100
41 63.2 33.8 101.3
39 41.5 21.3 63.9

Manual Integrations
APPROVED

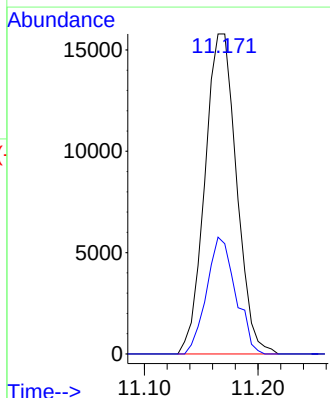
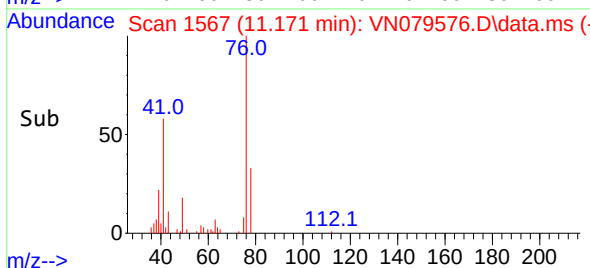
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

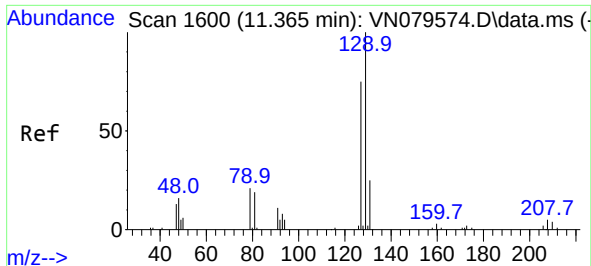


#52
1,3-Dichloropropane
Concen: 5.336 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



Tgt Ion: 76 Resp: 30629
Ion Ratio Lower Upper
76 100
78 33.4 0.0 64.0





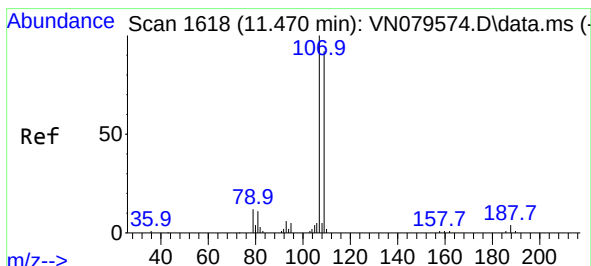
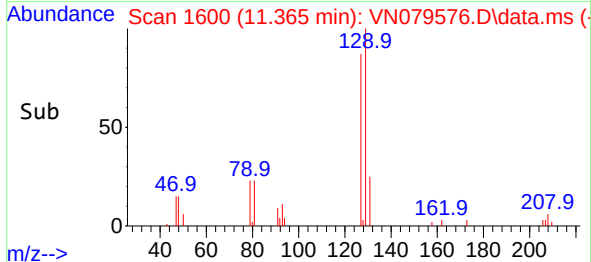
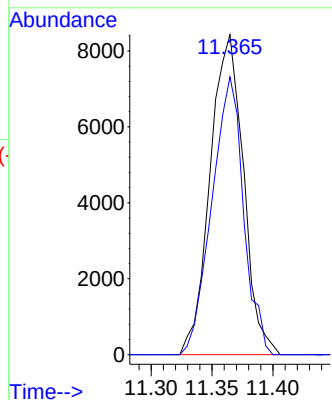
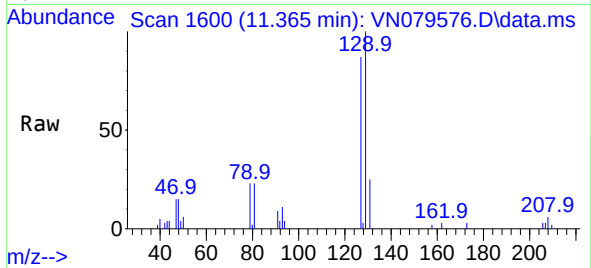
#53
Dibromochloromethane
Concen: 4.838 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 16020
Ion Ratio Lower Upper
129 100
127 82.6 38.8 116.3

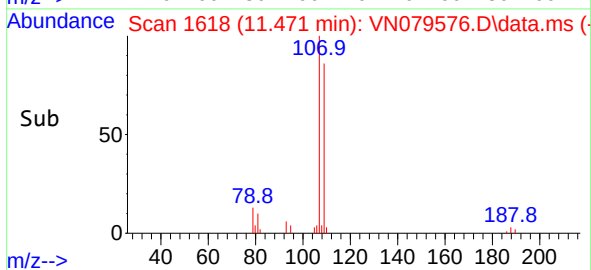
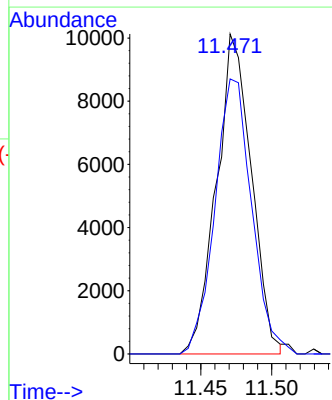
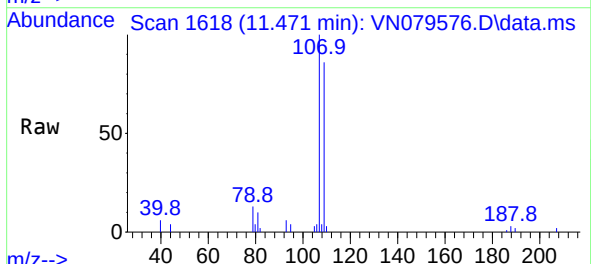
Manual Integrations
APPROVED

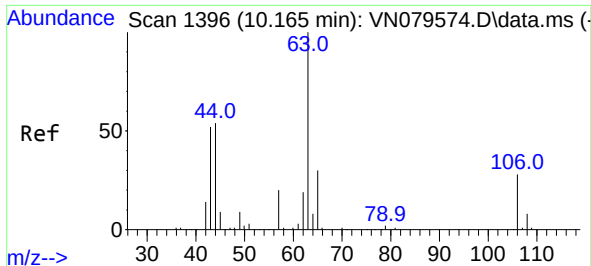
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#54
1,2-Dibromoethane
Concen: 5.412 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

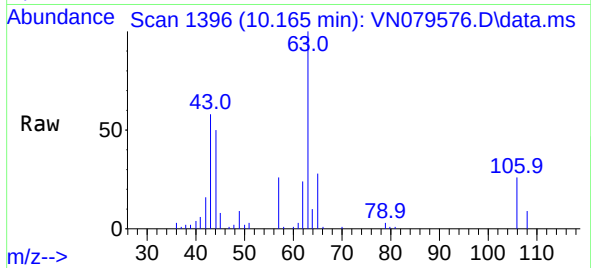
Tgt Ion:107 Resp: 17299
Ion Ratio Lower Upper
107 100
109 90.6 73.2 109.8





#55
2-Chloroethyl vinyl ether
Concen: 19.991 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

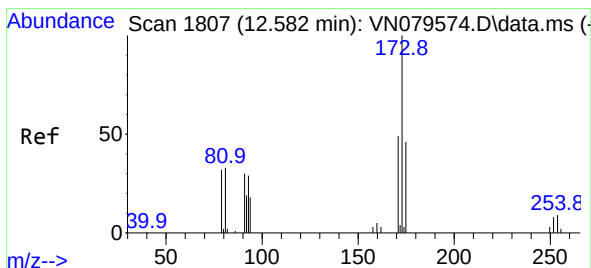
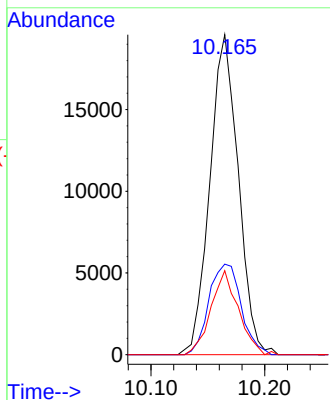
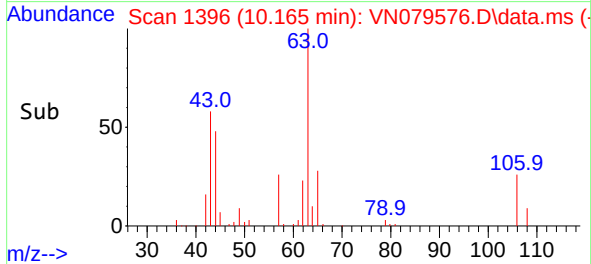
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 63 Resp: 3409
Ion Ratio Lower Upper
63 100
65 32.1 25.9 38.9
106 25.3 20.6 30.8

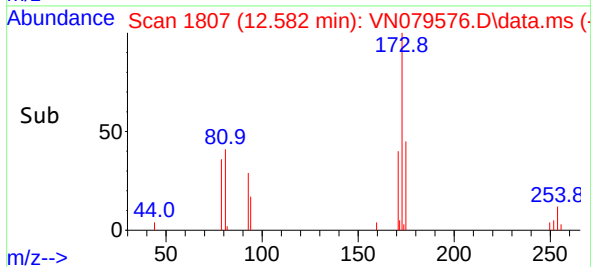
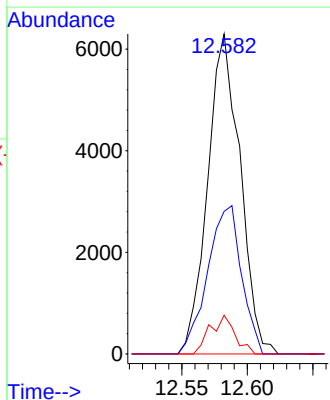
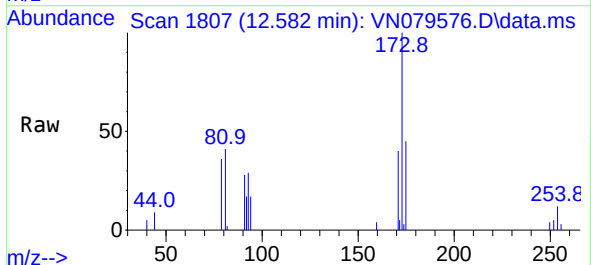
Manual Integrations
APPROVED

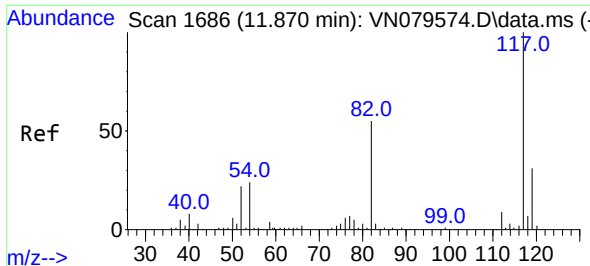
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#56
Bromoform
Concen: 4.951 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion:173 Resp: 10846
Ion Ratio Lower Upper
173 100
175 48.4 37.9 56.9
254 9.2 7.3 10.9





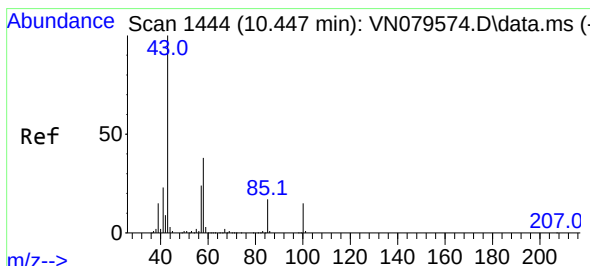
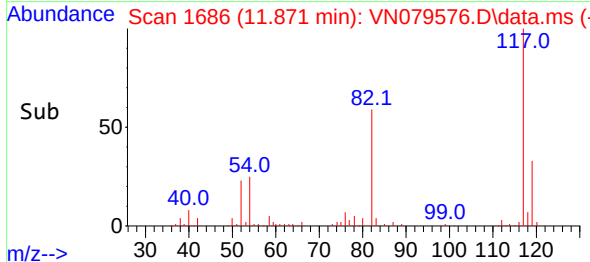
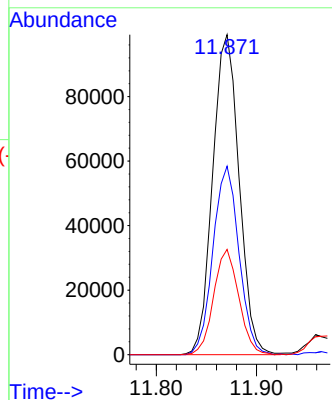
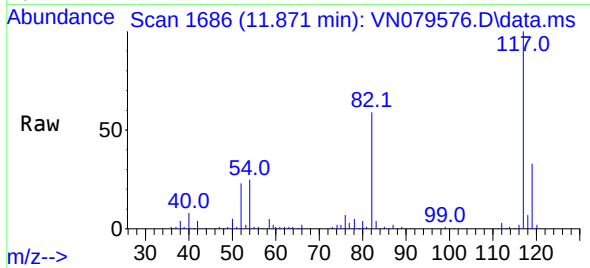
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 181419
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.2
119 31.3 25.2 37.8

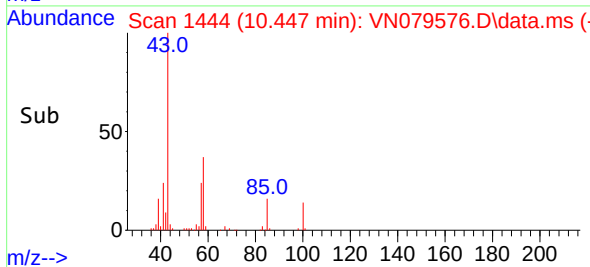
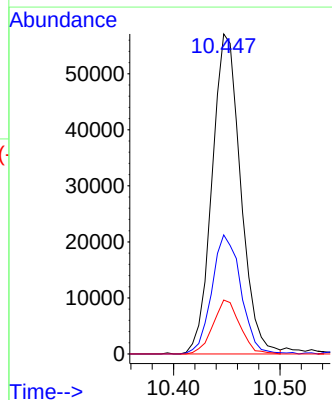
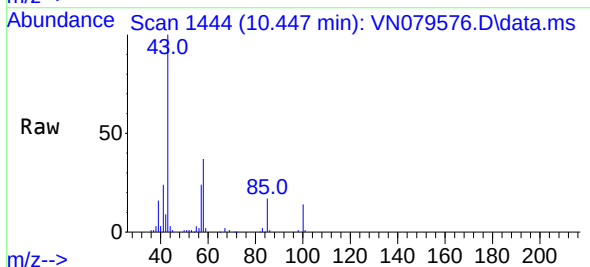
Manual Integrations
APPROVED

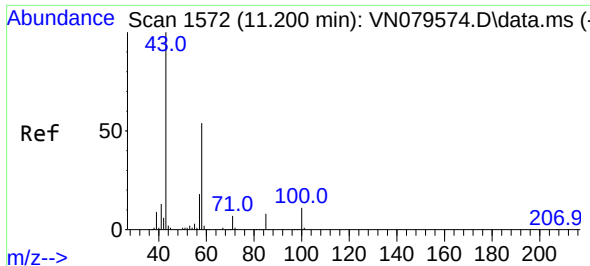
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#58
4-Methyl-2-Pentanone
Concen: 25.138 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

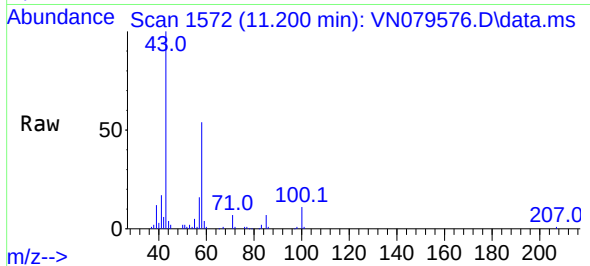
Tgt Ion: 43 Resp: 106371
Ion Ratio Lower Upper
43 100
58 37.8 30.4 45.6
85 15.9 13.2 19.8





#59
2-Hexanone
Concen: 25.213 ug/l m
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

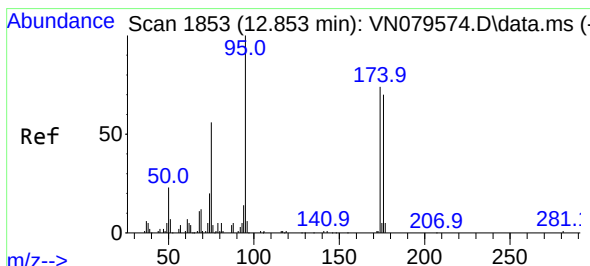
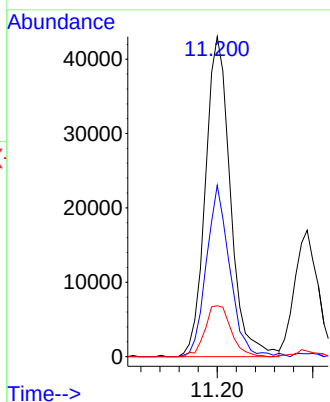
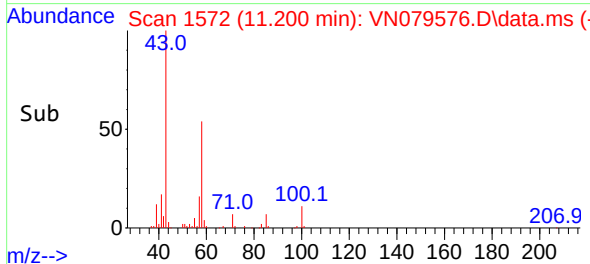
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



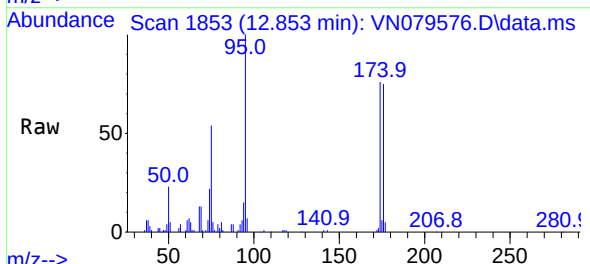
Tgt Ion: 43 Resp: 78272
Ion Ratio Lower Upper
43 100
58 0.6 42.3 63.5
57 1.8 13.9 20.9

Manual Integrations
APPROVED

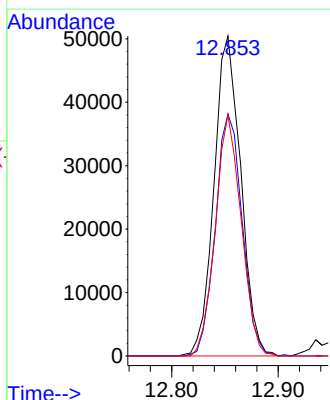
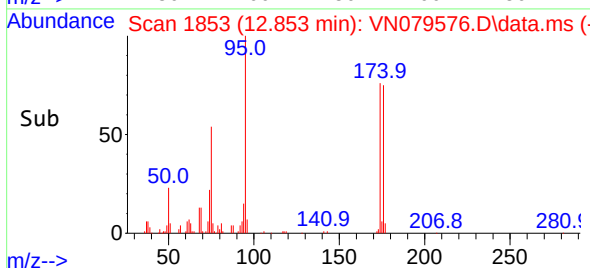
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

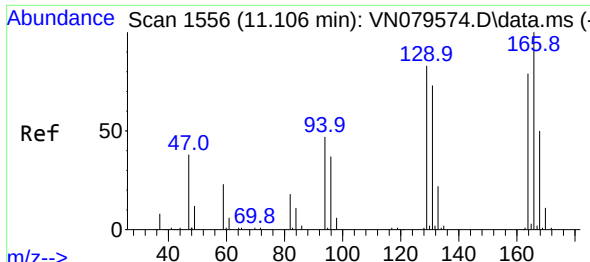


#60
4-Bromofluorobenzene
Concen: 26.470 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



Tgt Ion: 95 Resp: 87818
Ion Ratio Lower Upper
95 100
174 75.7 60.5 90.7
176 73.0 57.2 85.8





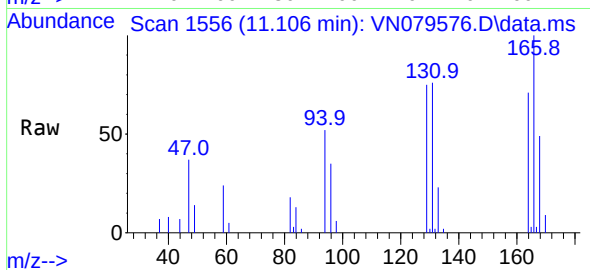
#61
Tetrachloroethene
Concen: 5.134 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



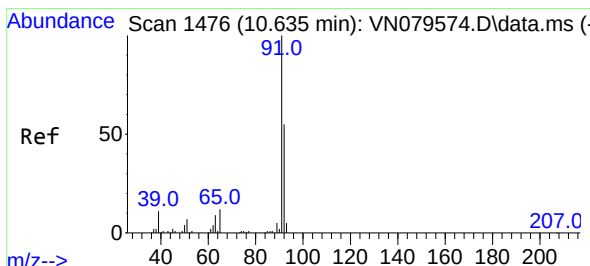
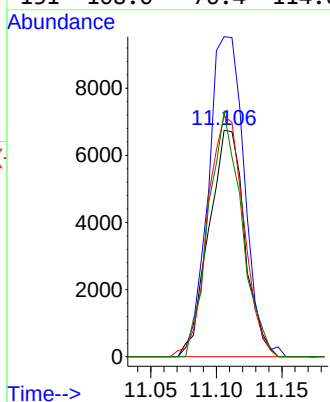
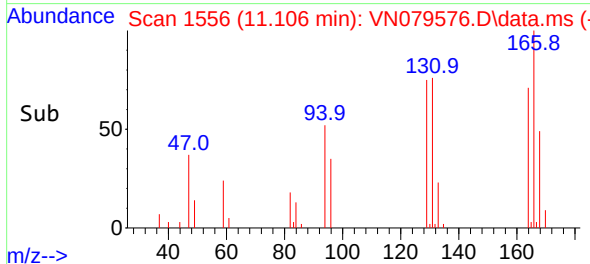
Tgt Ion:164 Resp: 12789
Ion Ratio Lower Upper
164 100
166 141.4 98.2 147.4
129 106.3 75.0 112.4
131 108.0 76.4 114.6

Manual Integrations

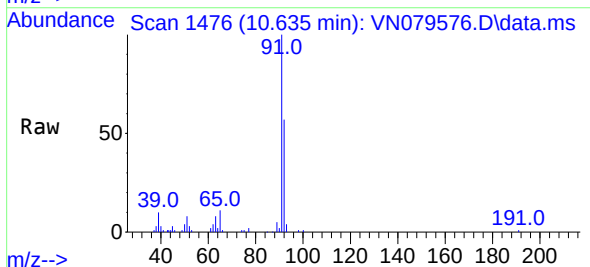
APPROVED

Reviewed By :John Carlone 10/18/2023

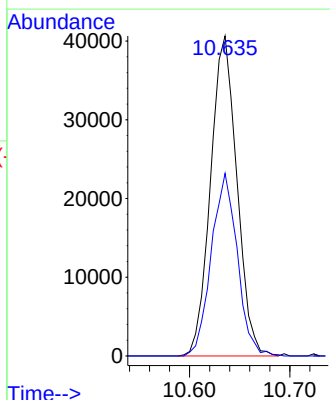
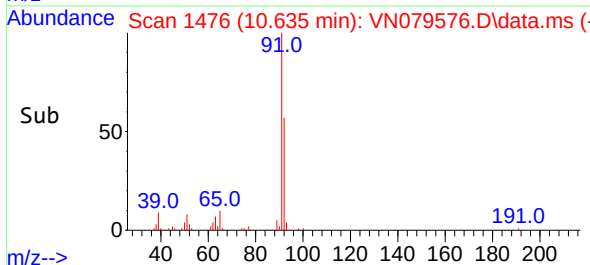
Supervised By :Mahesh Dadoda 10/20/2023

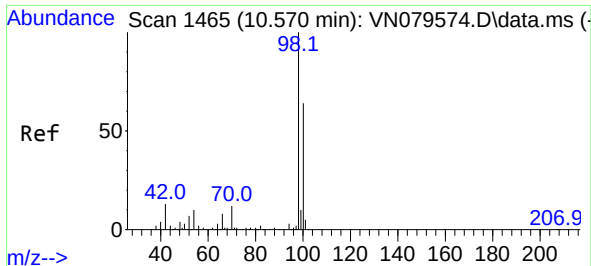


#62
Toluene
Concen: 5.358 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



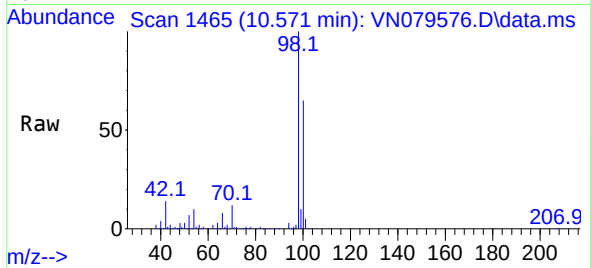
Tgt Ion: 91 Resp: 74287
Ion Ratio Lower Upper
91 100
92 56.3 45.3 67.9





#63
Toluene-d8
Concen: 30.395 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

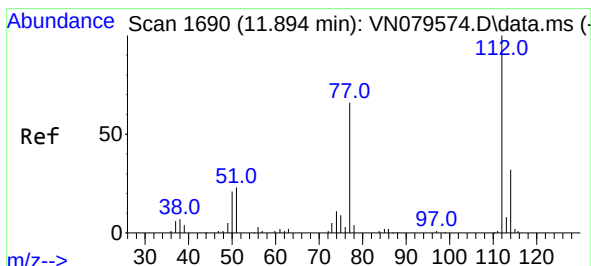
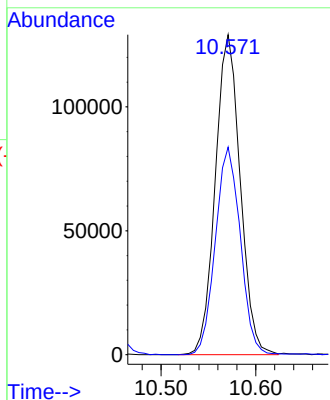
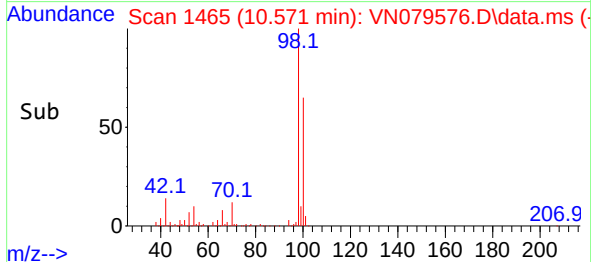
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 98 Resp: 23629
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4

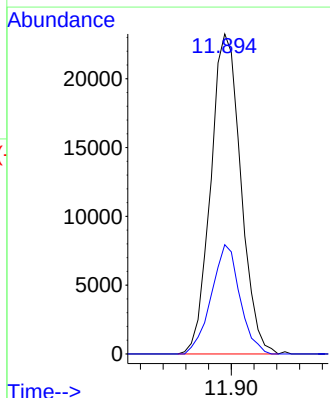
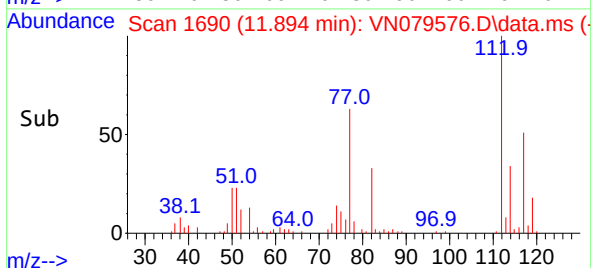
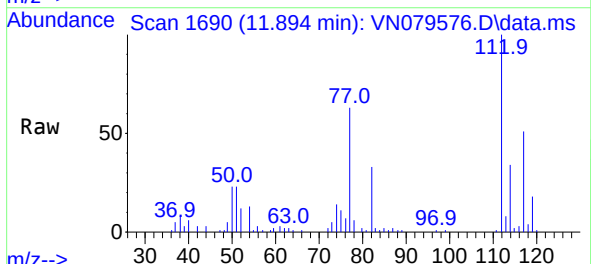
Manual Integrations
APPROVED

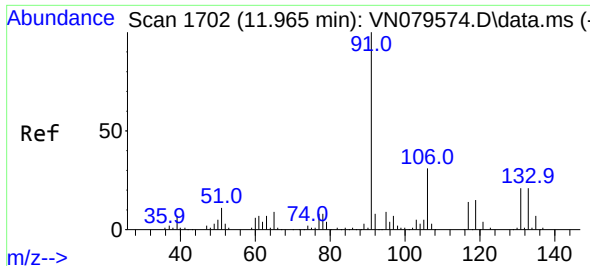
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#64
Chlorobenzene
Concen: 5.319 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

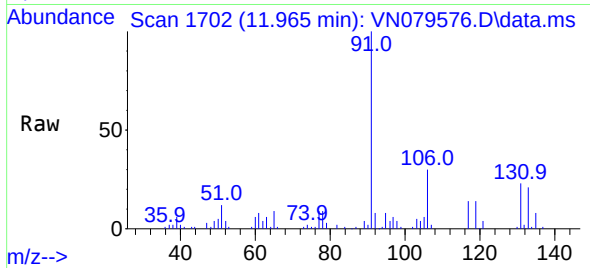
Tgt Ion:112 Resp: 42775
Ion Ratio Lower Upper
112 100
114 34.1 28.1 42.1





#65
1,1,1,2-Tetrachloroethane
Concen: 5.228 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

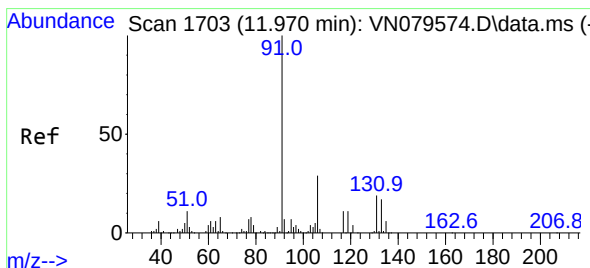
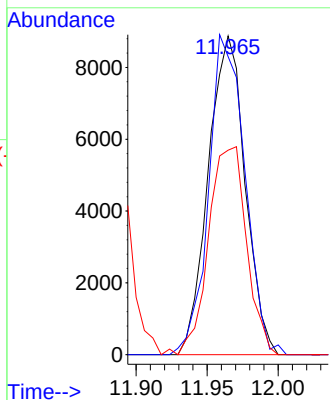
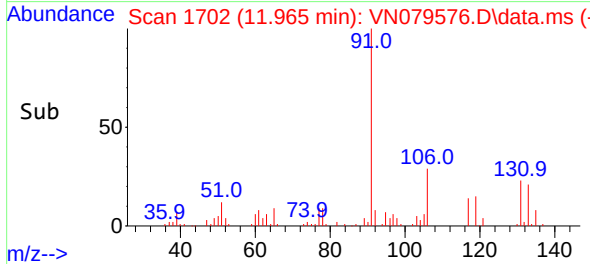
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



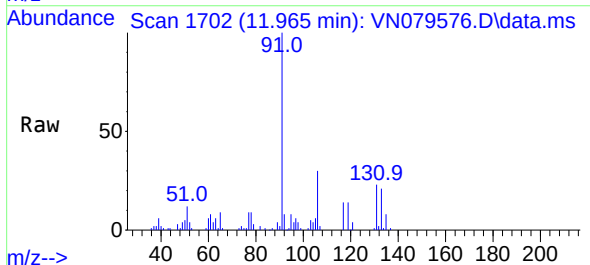
Tgt Ion:131 Resp: 16014
Ion Ratio Lower Upper
131 100
133 98.2 0.0 196.0
119 67.0 0.0 135.6

Manual Integrations
APPROVED

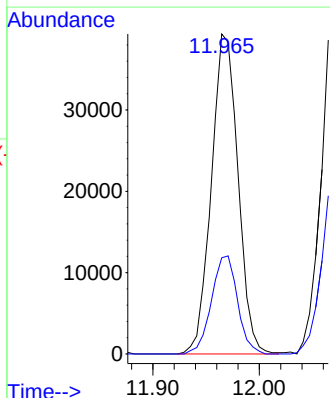
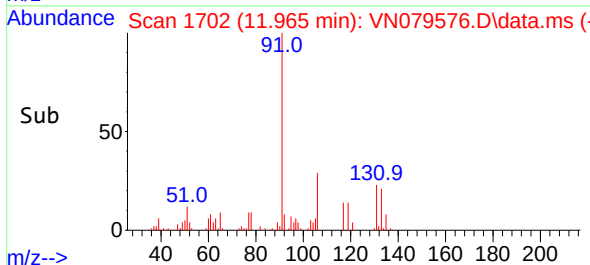
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

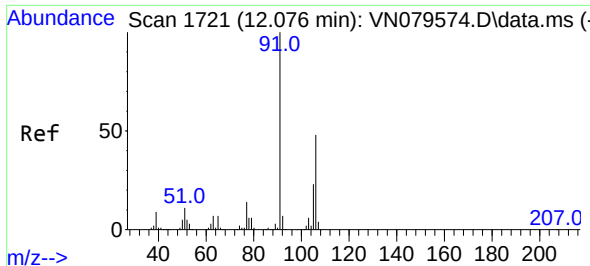


#66
Ethyl Benzene
Concen: 4.782 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



Tgt Ion: 91 Resp: 68310
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8





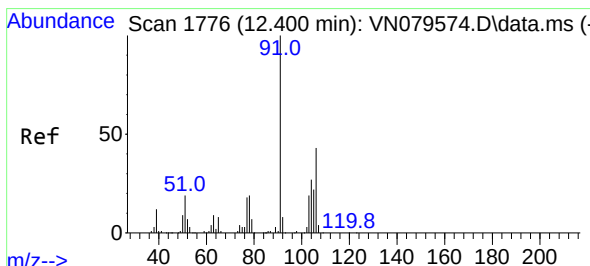
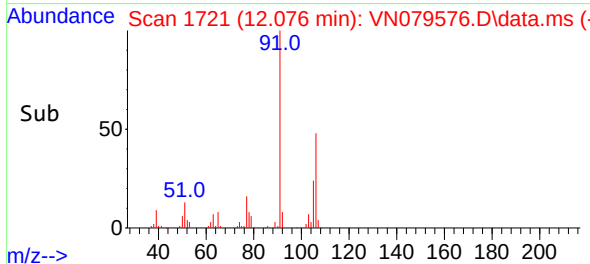
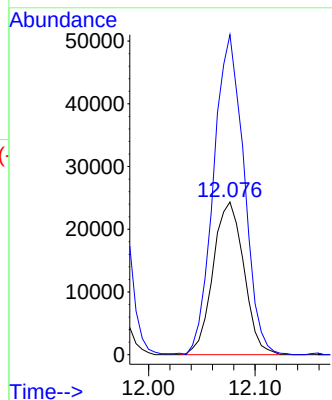
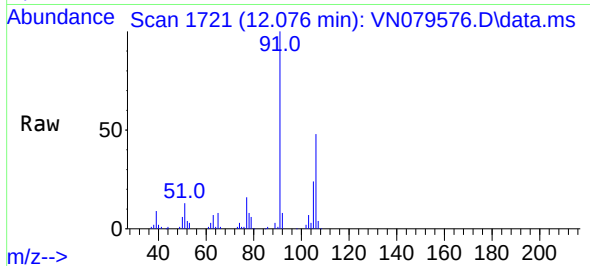
#67
m/p-Xylenes
Concen: 9.264 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 4894
Ion Ratio Lower Upper
106 100
91 206.1 161.8 242.6

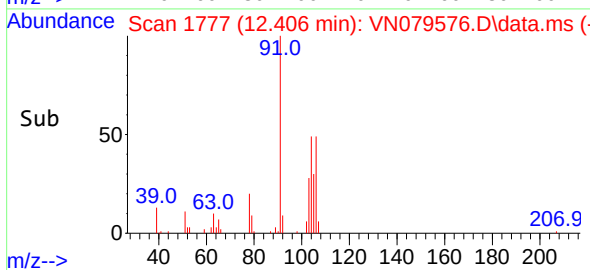
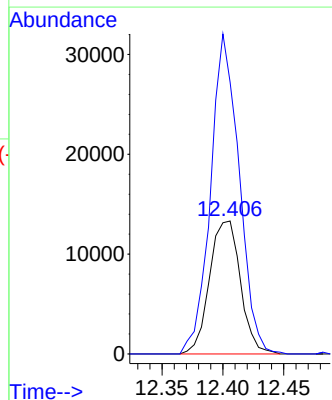
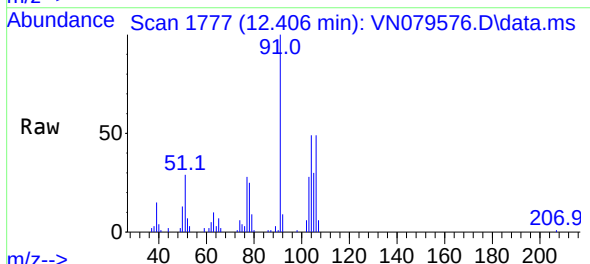
Manual Integrations
APPROVED

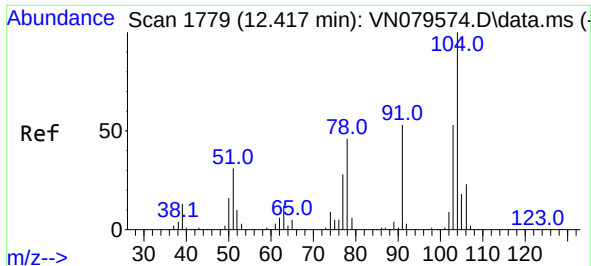
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#68
o-Xylene
Concen: 4.663 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion:106 Resp: 23555
Ion Ratio Lower Upper
106 100
91 222.3 109.9 329.7





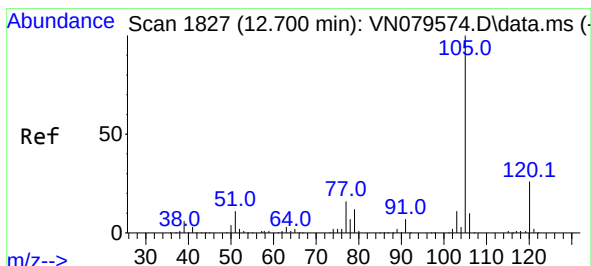
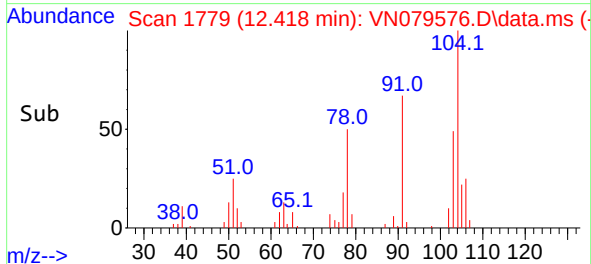
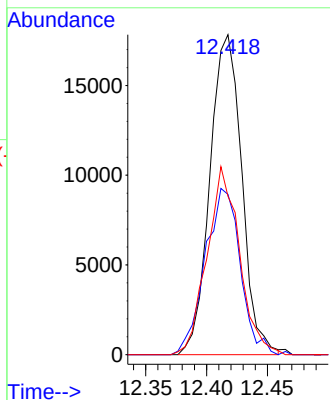
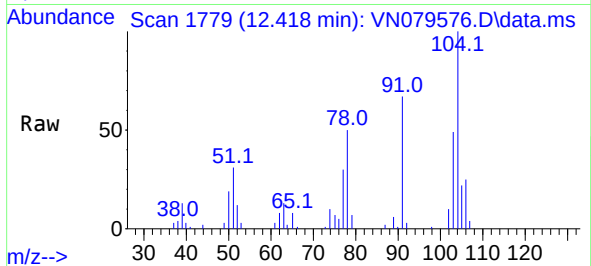
#69
Styrene
Concen: 4.058 ug/l
RT: 12.418 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:104 Resp: 32538
Ion Ratio Lower Upper
104 100
78 57.1 41.2 61.8
103 59.7 43.1 64.7

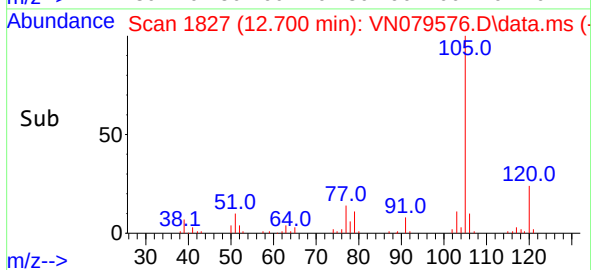
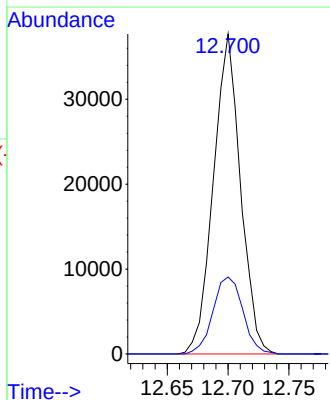
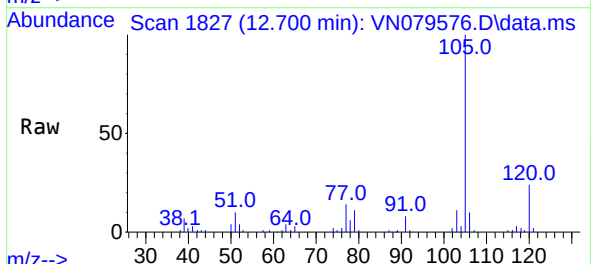
Manual Integrations
APPROVED

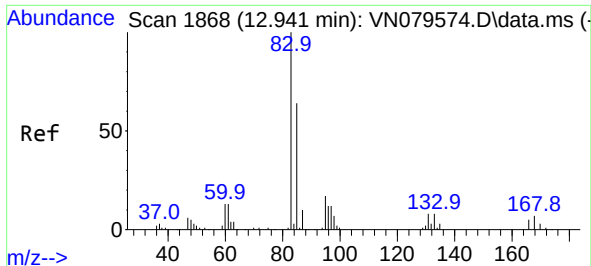
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#70
Isopropylbenzene
Concen: 4.500 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

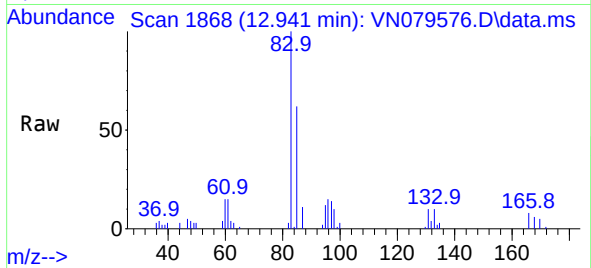
Tgt Ion:105 Resp: 58328
Ion Ratio Lower Upper
105 100
120 26.5 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 5.383 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

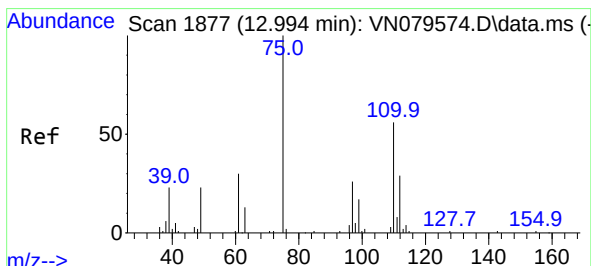
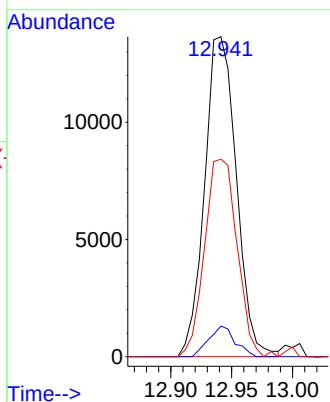
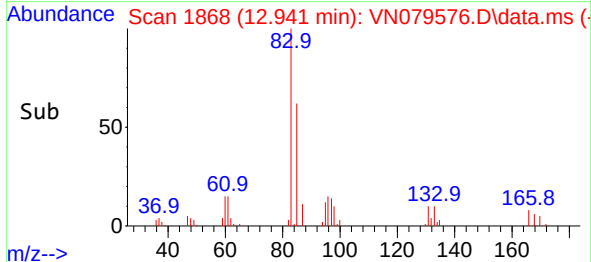
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



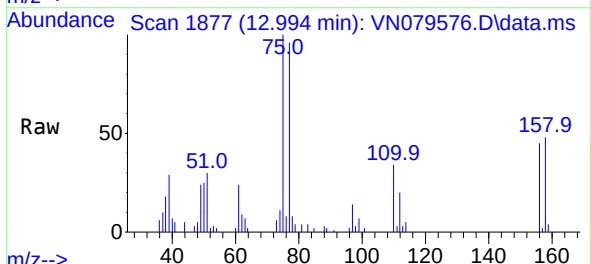
Tgt Ion: 83 Resp: 2481
Ion Ratio Lower Upper
83 100
131 7.9 4.5 13.4
85 62.6 32.1 96.3

Manual Integrations
APPROVED

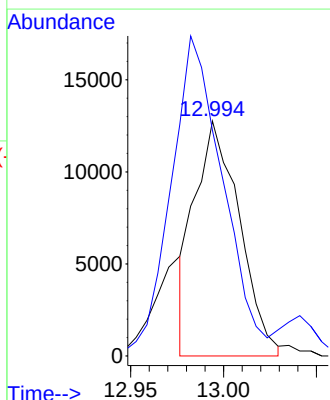
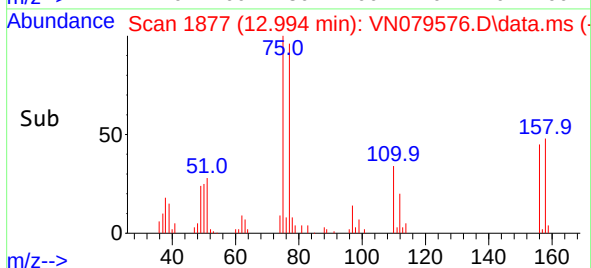
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

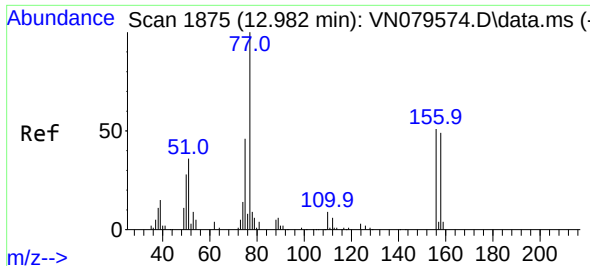


#72
1,2,3-Trichloropropane
Concen: 4.805 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



Tgt Ion: 75 Resp: 21337
Ion Ratio Lower Upper
75 100
77 158.1 0.0 338.2





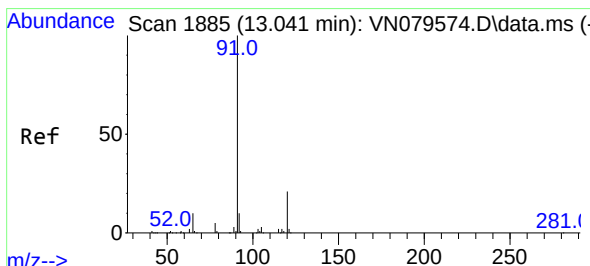
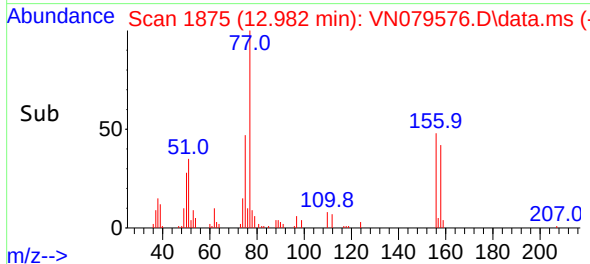
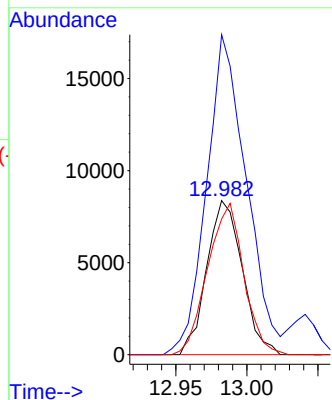
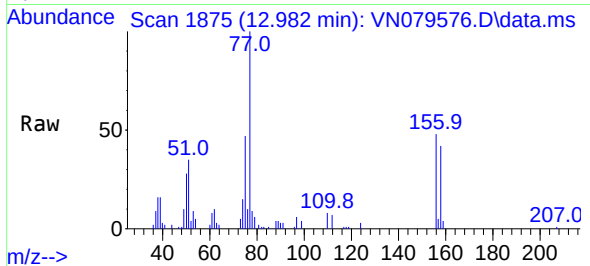
#73
Bromobenzene
Concen: 4.791 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 14589
Ion Ratio Lower Upper
156 100
77 231.2 0.0 448.2
158 99.8 0.0 194.8

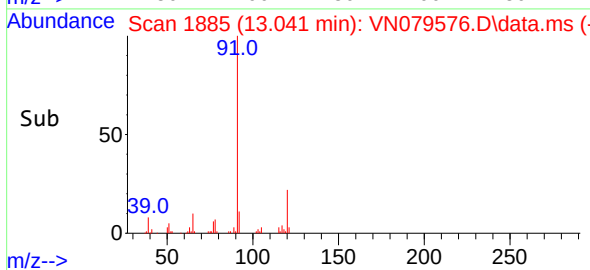
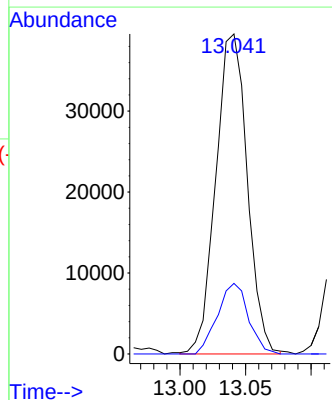
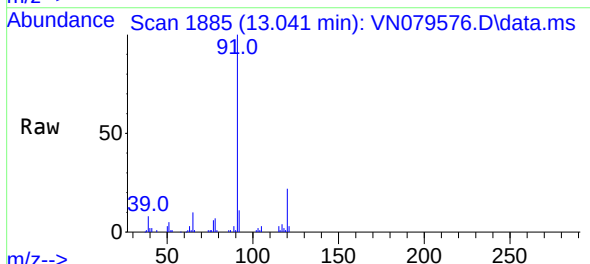
Manual Integrations
APPROVED

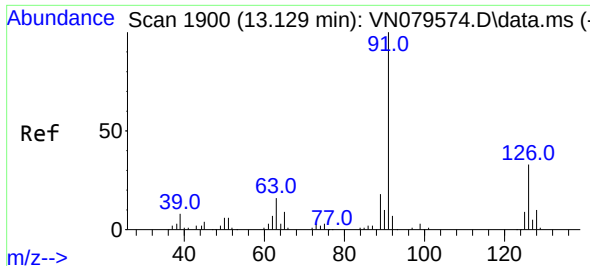
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#74
n-propylbenzene
Concen: 4.365 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 91 Resp: 65875
Ion Ratio Lower Upper
91 100
120 21.6 0.0 42.0





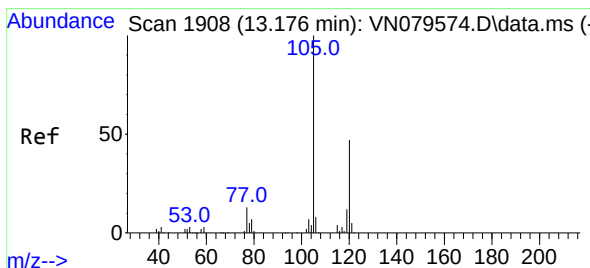
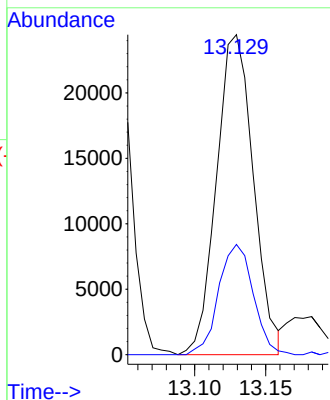
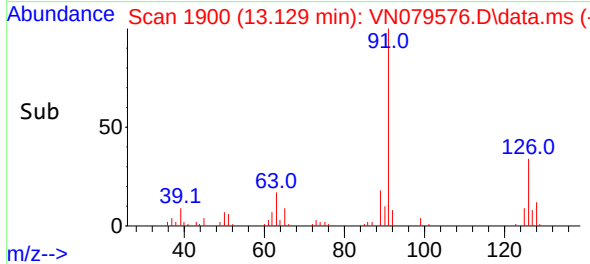
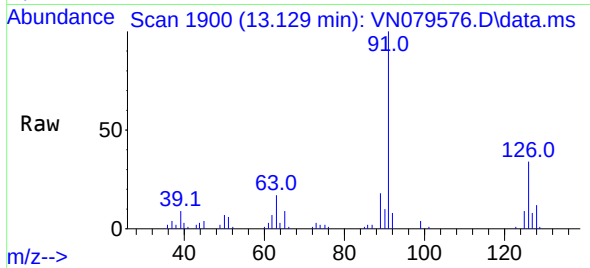
#75
2-Chlorotoluene
Concen: 4.710 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 4419
Ion Ratio Lower Upper
91 100
126 32.3 0.0 64.6

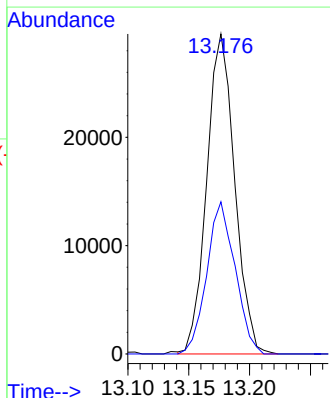
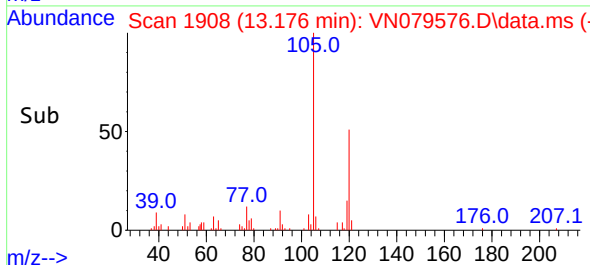
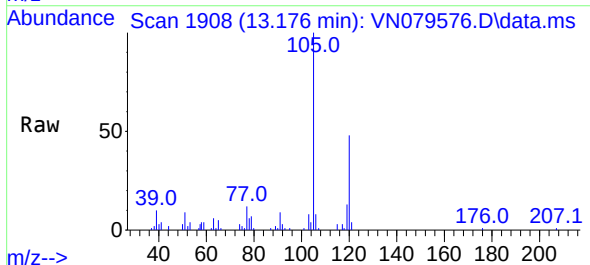
Manual Integrations
APPROVED

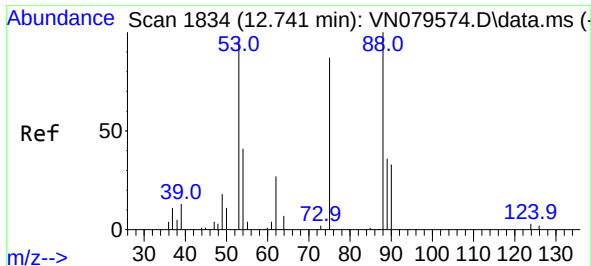
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#76
1,3,5-Trimethylbenzene
Concen: 4.454 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

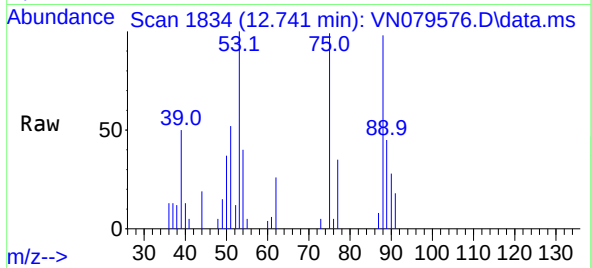
Tgt Ion:105 Resp: 47202
Ion Ratio Lower Upper
105 100
120 48.1 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 4.352 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

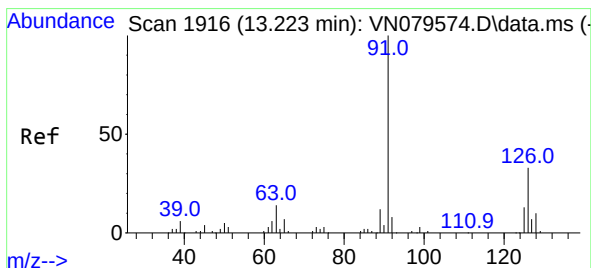
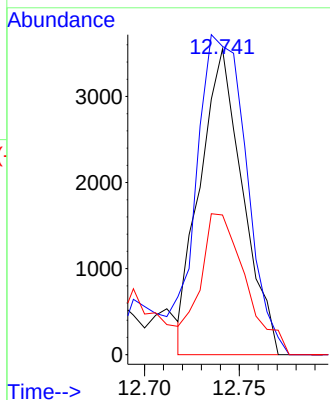
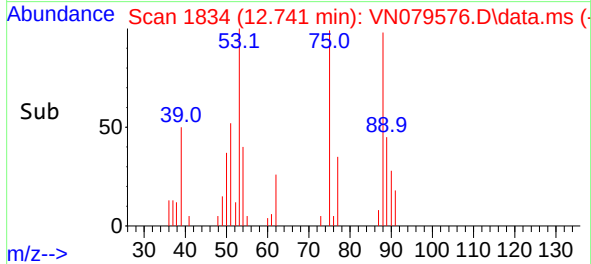
Instrument : MSVOA_N
ClientSampleId : VSTDIC005



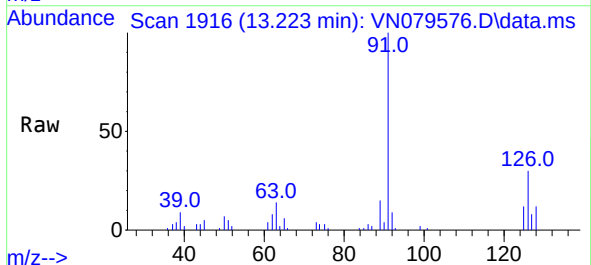
Tgt Ion: 75 Resp: 5560
Ion Ratio Lower Upper
75 100
53 95.2 53.0 159.1
89 37.7 22.6 67.7

Manual Integrations
APPROVED

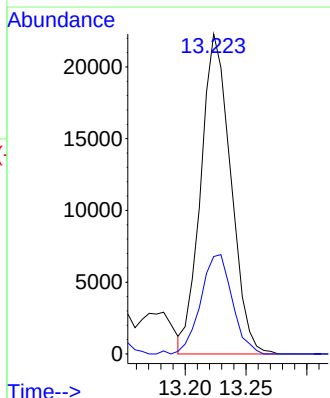
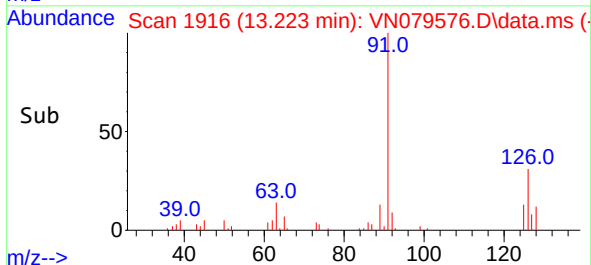
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

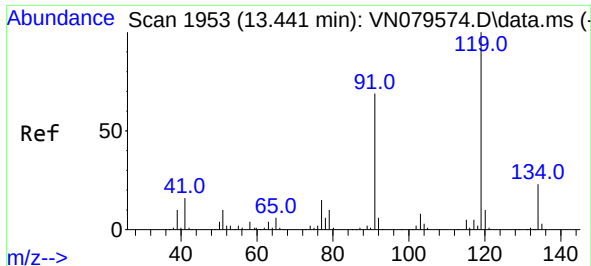


#78
4-Chlorotoluene
Concen: 4.305 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



Tgt Ion: 91 Resp: 38165
Ion Ratio Lower Upper
91 100
126 32.6 0.0 65.4





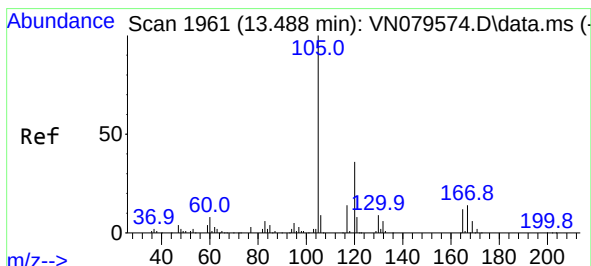
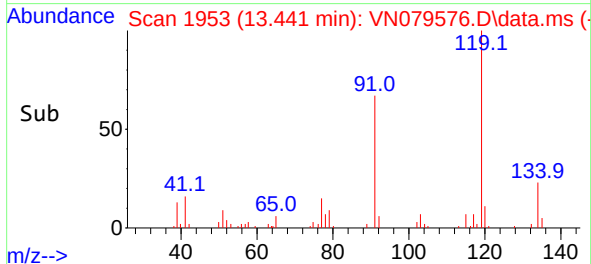
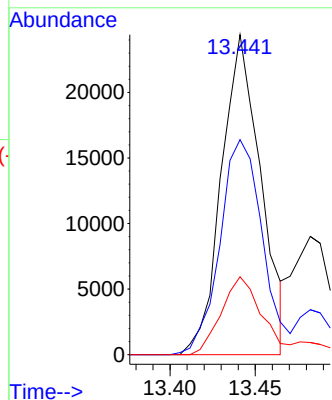
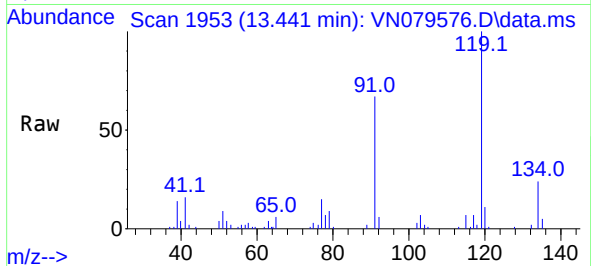
#79
tert-butylbenzene
Concen: 4.602 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 39210
Ion Ratio Lower Upper
119 100
91 72.6 0.0 140.6
134 24.9 0.0 49.8

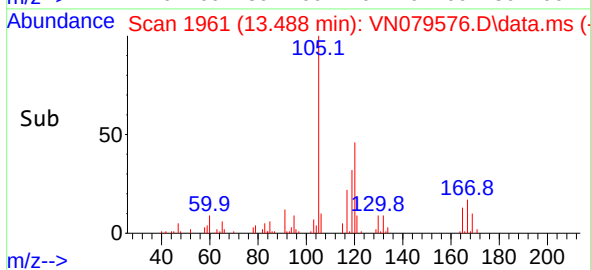
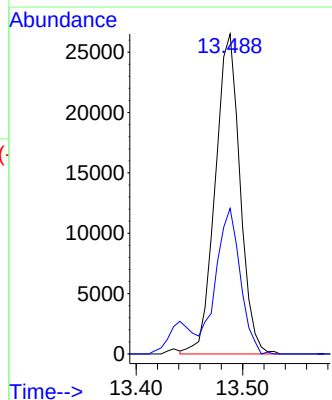
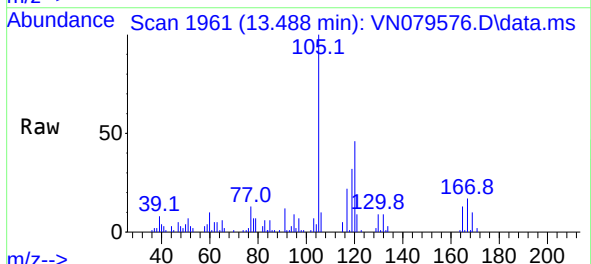
Manual Integrations
APPROVED

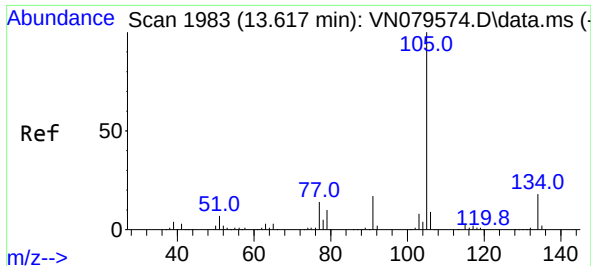
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#80
1,2,4-Trimethylbenzene
Concen: 4.165 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

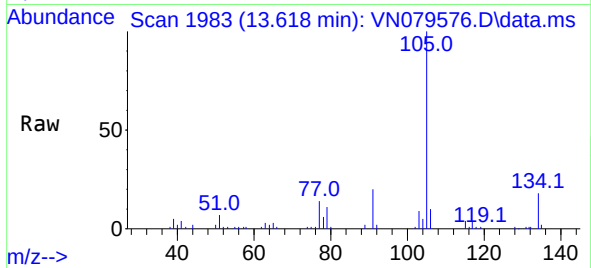
Tgt Ion:105 Resp: 42762
Ion Ratio Lower Upper
105 100
120 44.2 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 4.479 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079576.D
 Acq: 17 Oct 2023 12:09

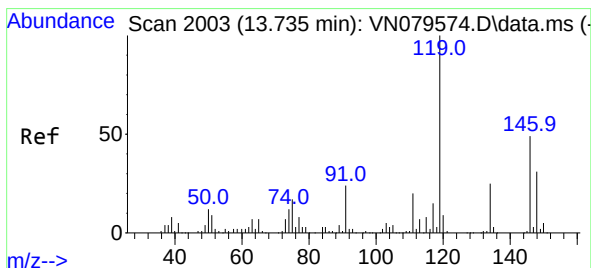
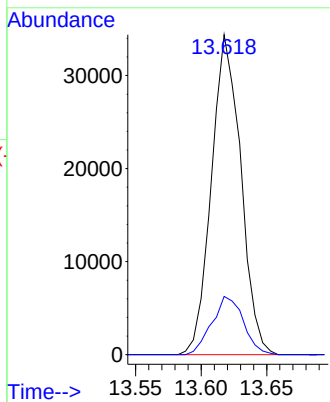
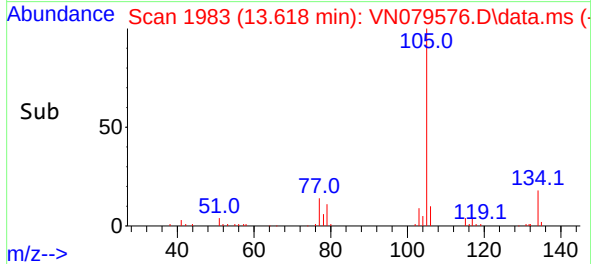
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



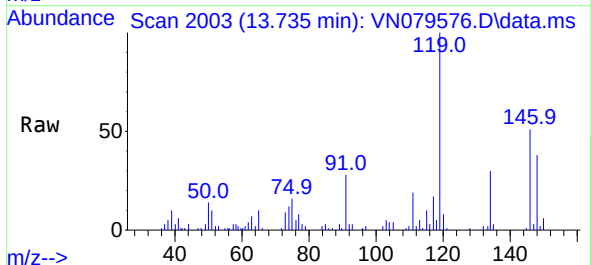
Tgt Ion:105 Resp: 53572
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.2

Manual Integrations
 APPROVED

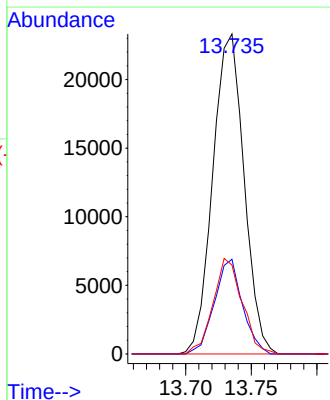
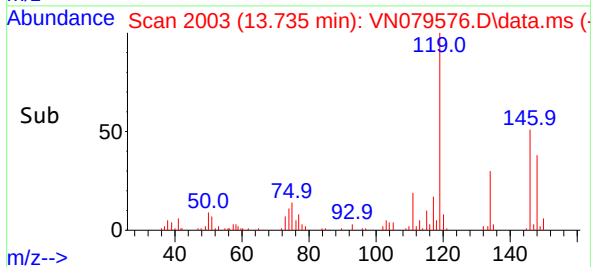
Reviewed By :John Carbone 10/18/2023
 Supervised By :Mahesh Dadoda 10/20/2023

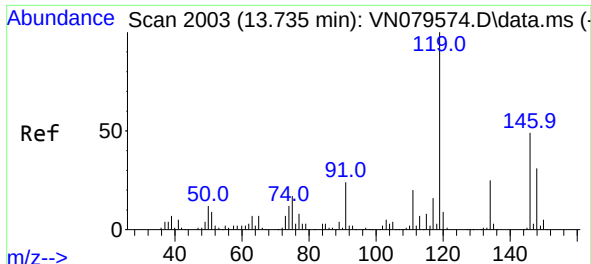


#82
 p-Isopropyltoluene
 Concen: 4.072 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079576.D
 Acq: 17 Oct 2023 12:09



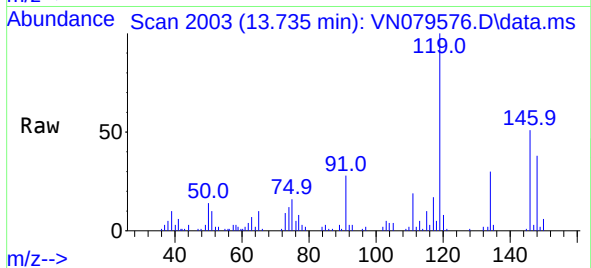
Tgt Ion:119 Resp: 38635
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 52.2
 91 27.7 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 4.105 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

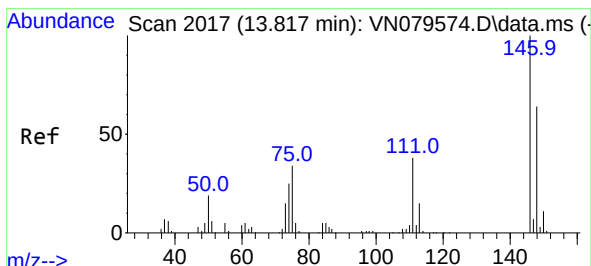
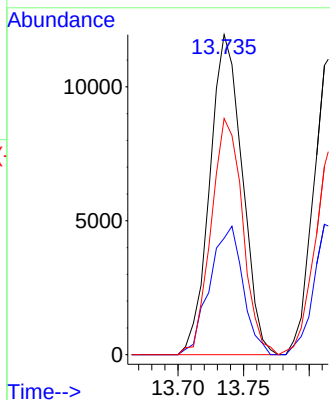
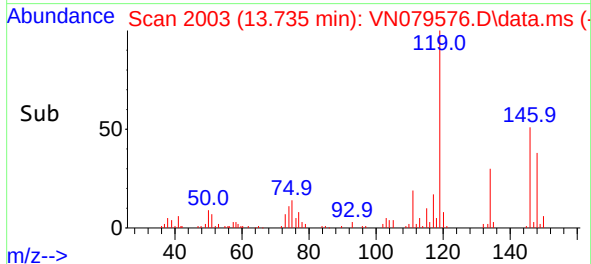
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



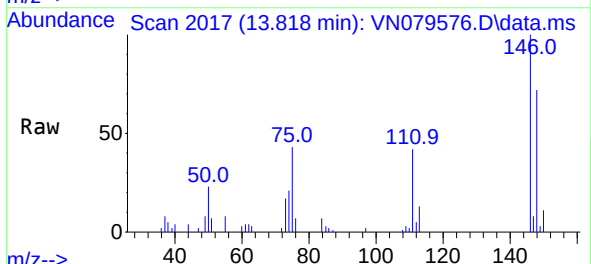
Tgt Ion:146 Resp: 2055
Ion Ratio Lower Upper
146 100
111 41.2 21.0 63.0
148 71.8 32.4 97.0

Manual Integrations
APPROVED

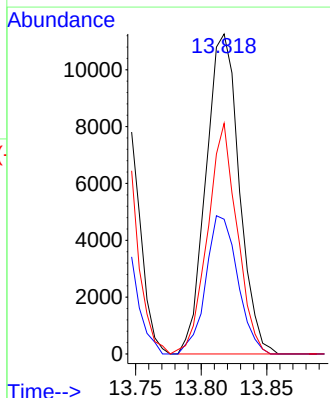
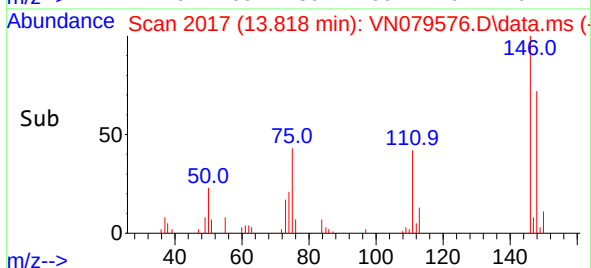
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

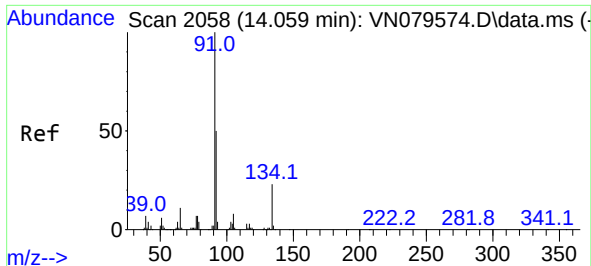


#84
1,4-Dichlorobenzene
Concen: 4.137 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



Tgt Ion:146 Resp: 19861
Ion Ratio Lower Upper
146 100
111 41.5 19.9 59.7
148 63.8 32.6 97.7





#85
n-Butylbenzene
Concen: 3.702 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :

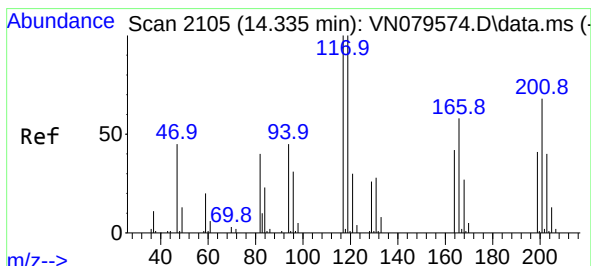
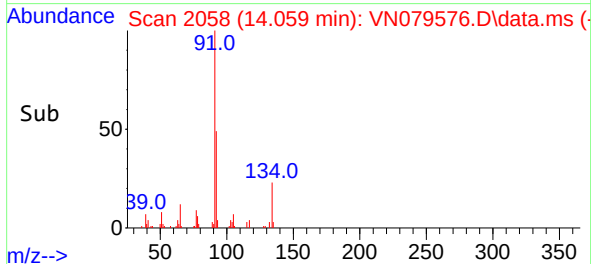
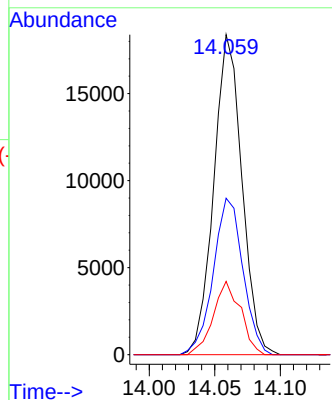
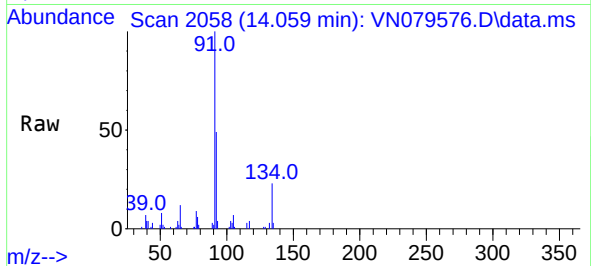
VSTDIC005

Tgt Ion: 91 Resp: 2744
Ion Ratio Lower Upper
91 100
92 51.5 0.0 99.6
134 22.2 0.0 46.2

Manual Integrations

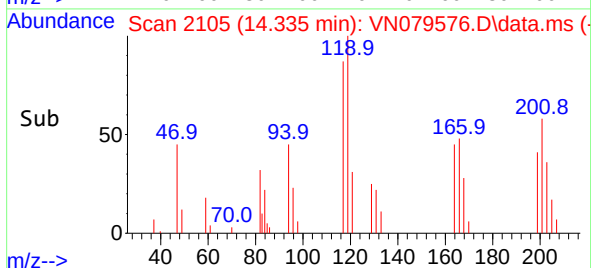
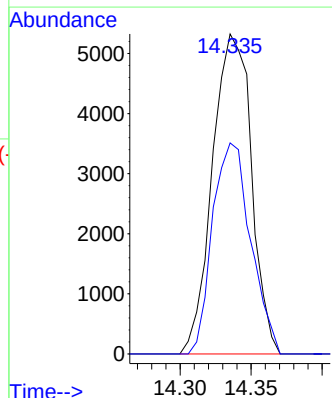
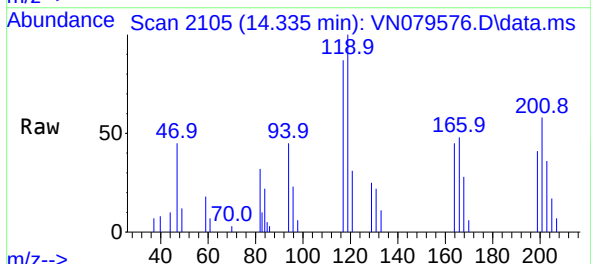
APPROVED

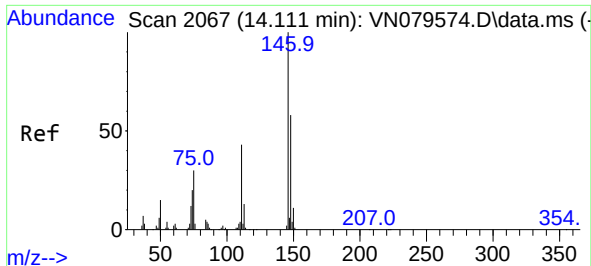
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#86
Hexachloroethane
Concen: 4.951 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion:117 Resp: 10155
Ion Ratio Lower Upper
117 100
201 64.6 32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 4.195 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:146 Resp: 2088

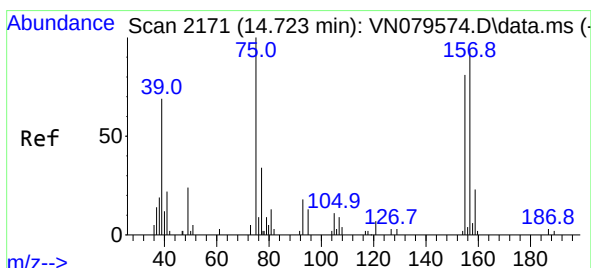
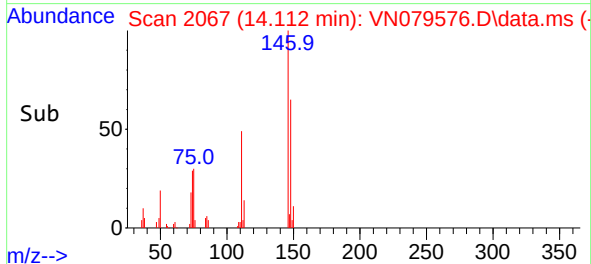
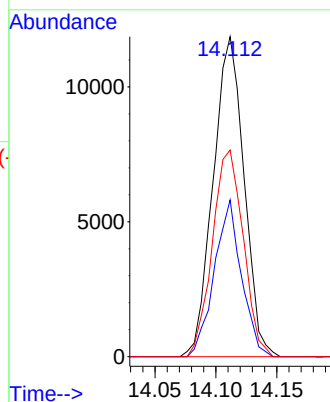
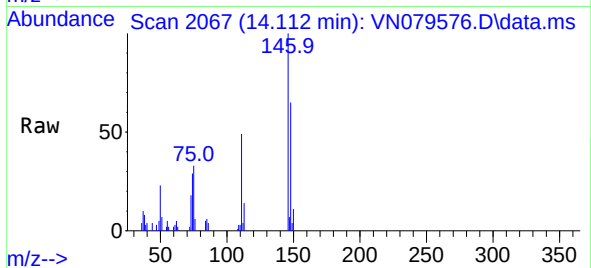
Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.0	66.0
148	64.6	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Mahesh Dadoda 10/20/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.659 ug/l

RT: 14.723 min Scan# 2171

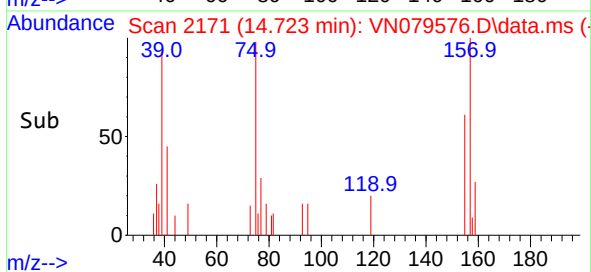
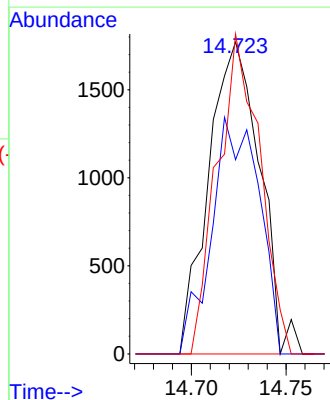
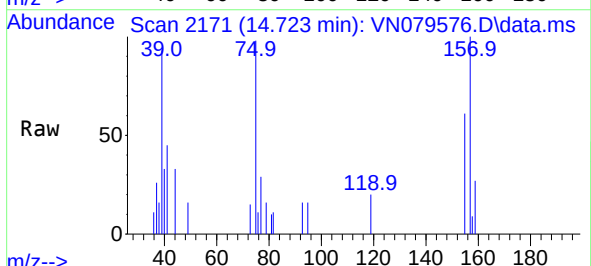
Delta R.T. 0.000 min

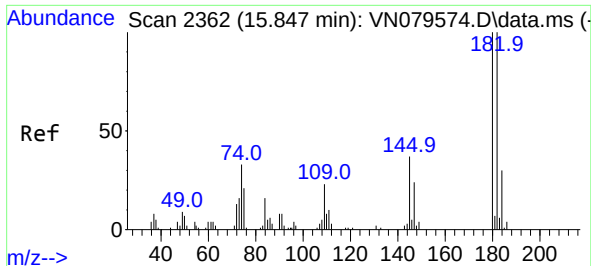
Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

Tgt Ion: 75 Resp: 3272

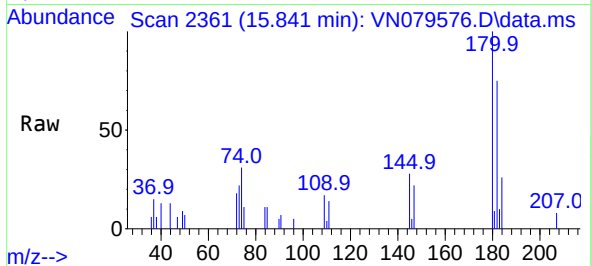
Ion	Ratio	Lower	Upper
75	100		
155	71.7	60.7	91.1
157	86.6	76.8	115.2





#89
1,2,4-Trichlorobenzene
Concen: 3.393 ug/l
RT: 15.841 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

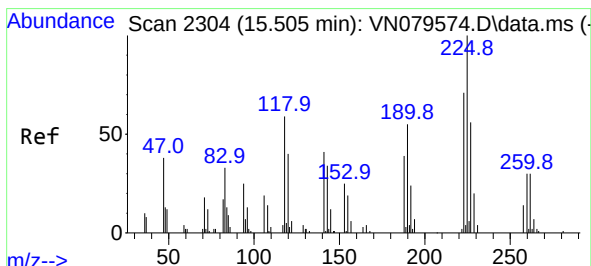
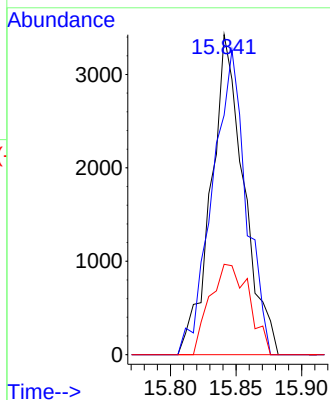
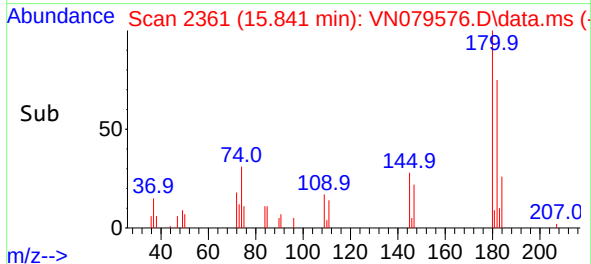
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



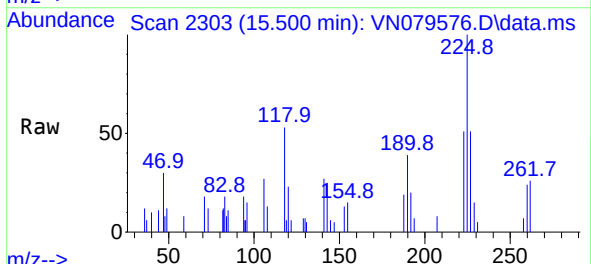
Tgt Ion:180 Resp: 5952
Ion Ratio Lower Upper
180 100
182 98.2 74.2 111.4
145 33.7 25.4 38.2

Manual Integrations
APPROVED

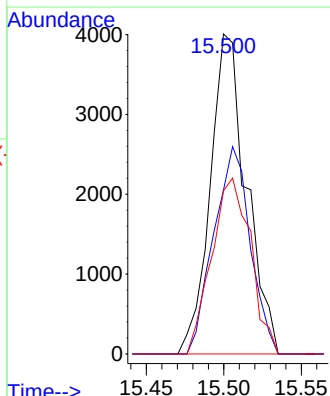
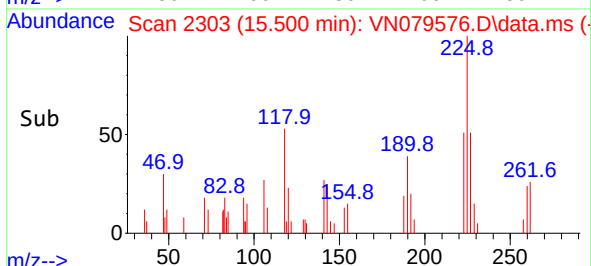
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

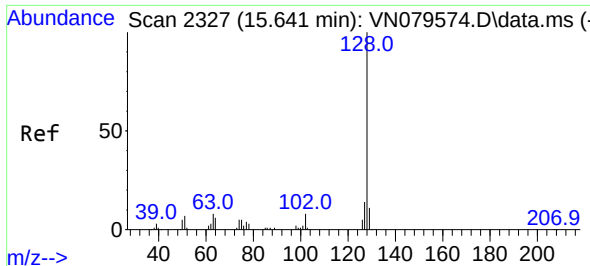


#90
Hexachlorobutadiene
Concen: 5.232 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



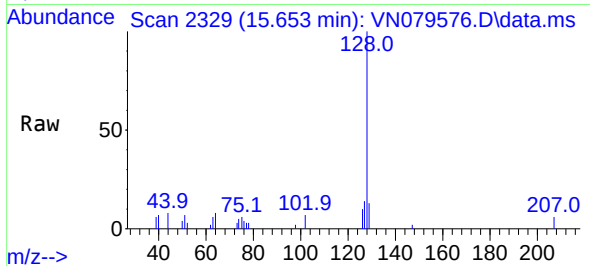
Tgt Ion:225 Resp: 6501
Ion Ratio Lower Upper
225 100
223 65.3 0.0 126.0
227 59.2 0.0 127.0





#91
Naphthalene
Concen: 3.205 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.012 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

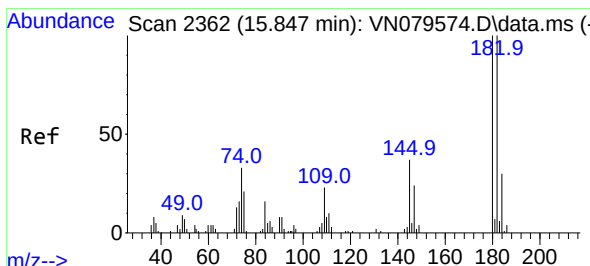
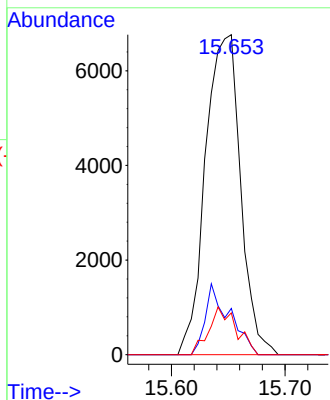
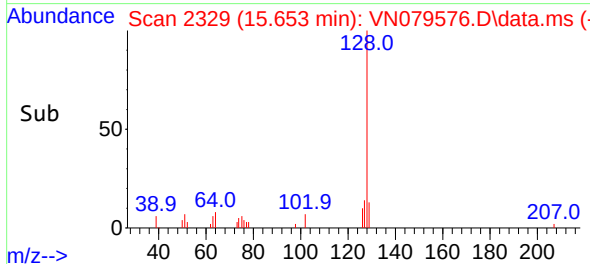
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



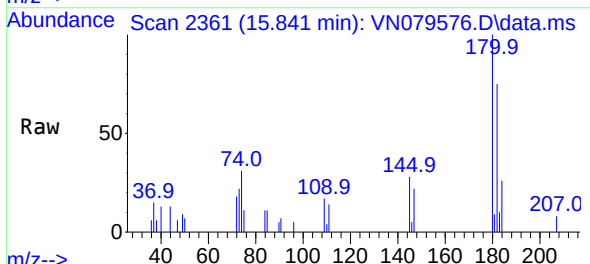
Tgt Ion:128 Resp: 14502
Ion Ratio Lower Upper
128 100
127 10.3 10.9 16.3
129 11.7 8.6 12.8

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 3.393 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



Tgt Ion:180 Resp: 5952
Ion Ratio Lower Upper
180 100
182 98.2 0.0 185.6
145 33.7 0.0 63.6

