

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076916.D
 Acq On : 10 Mar 2023 11:22
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 10 11:44:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 11:43:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	459072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	773022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	653079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	261246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	7522	1.408	ug/l	86
3) Chloromethane	2.378	50	5548	0.790	ug/l #	80
4) Vinyl Chloride	2.537	62	4419	0.686	ug/l	97
6) Chloroethane	3.131	64	3023m	0.690	ug/l	
7) Trichlorofluoromethane	3.513	101	11641	1.239	ug/l	96
8) Diethyl Ether	3.984	74	3554	0.983	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.366	101	6104m	1.111	ug/l	
12) 1,1-Dichloroethene	4.360	96	5521	1.078	ug/l #	88
14) Allyl chloride	5.048	41	7889	0.922	ug/l #	84
15) Acrylonitrile	5.743	53	14511	4.721	ug/l #	87
16) Acetone	4.472	43	13705	4.878	ug/l #	79
17) Carbon Disulfide	4.725	76	15860	1.140	ug/l #	87
18) Methyl Acetate	5.048	43	10471	1.088	ug/l	93
19) Methyl tert-butyl Ether	5.813	73	18920	1.077	ug/l	96
20) Methylene Chloride	5.284	84	7547	1.151	ug/l #	91
21) trans-1,2-Dichloroethene	5.795	96	5823	1.051	ug/l #	79
22) Diisopropyl ether	6.684	45	17363	0.902	ug/l #	78
23) Vinyl Acetate	6.613	43	47261m	3.856	ug/l	
24) 1,1-Dichloroethane	6.578	63	11220	1.023	ug/l	95
25) 2-Butanone	7.495	43	18415	4.487	ug/l	89
26) 2,2-Dichloropropane	7.501	77	10296	1.281	ug/l	87
27) cis-1,2-Dichloroethene	7.501	96	6581	1.014	ug/l	85
28) Bromochloromethane	7.819	49	3500	0.754	ug/l #	99
29) Tetrahydrofuran	7.848	42	10213	3.858	ug/l	90
30) Chloroform	7.966	83	11900	1.092	ug/l #	77
32) 1,1,1-Trichloroethane	8.178	97	10889	1.154	ug/l #	47
36) 1,1-Dichloropropene	8.378	75	8004	1.030	ug/l	94
37) Ethyl Acetate	7.566	43	4480	0.562	ug/l #	77
38) Carbon Tetrachloride	8.366	117	9579	1.213	ug/l #	94
39) Methylcyclohexane	9.601	83	9427	0.984	ug/l	95
40) Benzene	8.613	78	25125	1.061	ug/l	98
41) Methacrylonitrile	7.789	41	4423	1.015	ug/l #	86
42) 1,2-Dichloroethane	8.672	62	10329	1.252	ug/l	93
43) Isopropyl Acetate	8.689	43	11798	0.966	ug/l	94
44) Trichloroethene	9.354	130	7132	1.270	ug/l	97
45) 1,2-Dichloropropane	9.636	63	6485	1.060	ug/l	98

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Manual Integrations
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 Supervised By : Mahesh Dadoda 03/13/2023

Quant Time: Mar 10 11:44:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 11:43:29 2023
 Response via : Initial Calibration

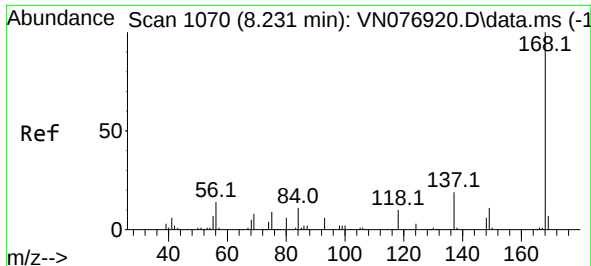
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.713	93	4311	1.109	ug/l	96
47) Bromodichloromethane	9.889	83	8981	1.124	ug/l	95
48) Methyl methacrylate	9.683	41	5757	0.970	ug/l #	80
49) 1,4-Dioxane	9.695	88	1970	18.111	ug/l #	75
51) 4-Methyl-2-Pentanone	10.448	43	33416	4.338	ug/l	96
52) Toluene	10.630	92	14391	1.021	ug/l	97
53) t-1,3-Dichloropropene	10.836	75	8094	1.045	ug/l #	81
54) cis-1,3-Dichloropropene	10.319	75	9446	1.062	ug/l	95
55) 1,1,2-Trichloroethane	11.013	97	5973	1.065	ug/l #	87
56) Ethyl methacrylate	10.883	69	8472	1.014	ug/l #	66
57) 1,3-Dichloropropane	11.166	76	11028	1.133	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.166	63	12873	4.446	ug/l	92
59) 2-Hexanone	11.195	43	24668	4.419	ug/l	88
60) Dibromochloromethane	11.366	129	6293	1.139	ug/l	95
61) 1,2-Dibromoethane	11.472	107	6012	1.115	ug/l	97
64) Tetrachloroethene	11.107	164	6052	1.245	ug/l #	76
65) Chlorobenzene	11.895	112	16511	1.170	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.960	131	6317	1.237	ug/l #	65
67) Ethyl Benzene	11.966	91	27832	1.086	ug/l	93
68) m/p-Xylenes	12.072	106	21402	2.220	ug/l	95
69) o-Xylene	12.401	106	10029	1.056	ug/l	87
70) Styrene	12.413	104	14991	1.007	ug/l #	89
71) Bromoform	12.577	173	4326	1.245	ug/l #	93
73) Isopropylbenzene	12.701	105	25534	1.121	ug/l	90
74) N-amyl acetate	12.495	43	8183	0.919	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.942	83	8548	1.171	ug/l	91
76) 1,2,3-Trichloropropane	12.995	75	6419m	0.974	ug/l	
77) Bromobenzene	12.977	156	6147	1.220	ug/l	89
78) n-propylbenzene	13.036	91	26294	1.013	ug/l	94
79) 2-Chlorotoluene	13.130	91	18731	1.124	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	18910	0.991	ug/l	92
82) 4-Chlorotoluene	13.224	91	15840	1.003	ug/l	100
83) tert-Butylbenzene	13.442	119	16877	1.035	ug/l	89
84) 1,2,4-Trimethylbenzene	13.483	105	19806	1.052	ug/l	94
85) sec-Butylbenzene	13.619	105	22714	0.998	ug/l	99
86) p-Isopropyltoluene	13.736	119	17310	0.950	ug/l	96
87) 1,3-Dichlorobenzene	13.730	146	11048	1.201	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	11607m	1.242	ug/l	
89) n-Butylbenzene	14.066	91	15647	0.994	ug/l	94
90) Hexachloroethane	14.330	117	4176	1.269	ug/l	91
91) 1,2-Dichlorobenzene	14.107	146	10874	1.167	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.730	75	1839	1.330	ug/l	86
93) 1,2,4-Trichlorobenzene	15.389	180	6558	1.406	ug/l	93
94) Hexachlorobutadiene	15.507	225	2863	1.179	ug/l	86
95) Naphthalene	15.642	128	17158	1.149	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	5871	1.281	ug/l	98

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

Manual Integrations APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Mar 10 11:43:29 2023
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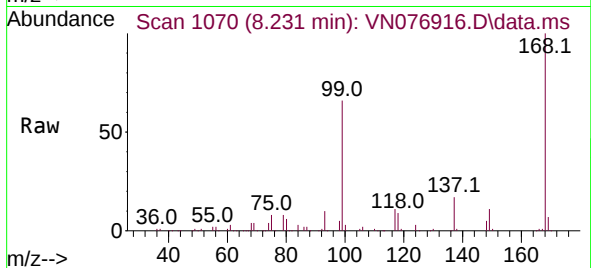
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001



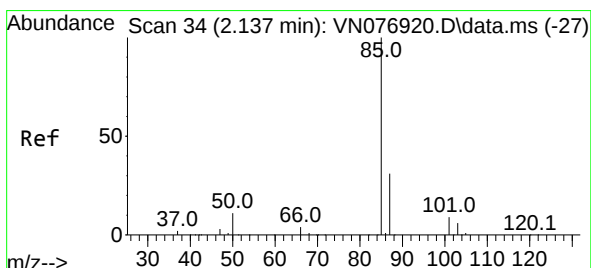
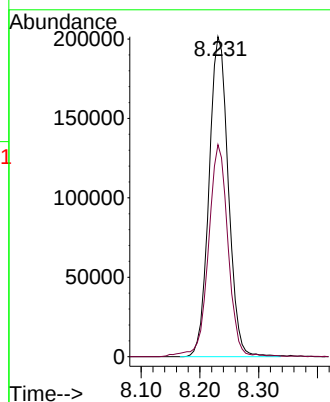
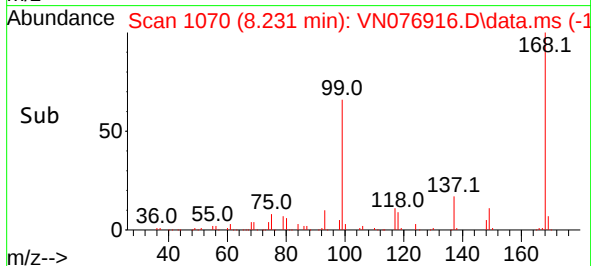
Tgt Ion:168 Resp: 459072
Ion Ratio Lower Upper
168 100
99 66.0 48.6 73.0

Manual Integrations

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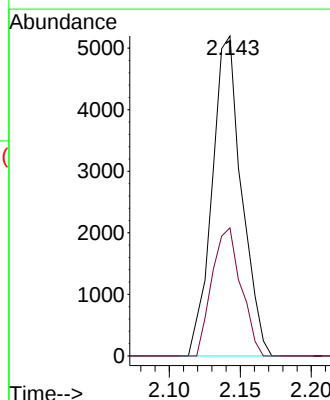
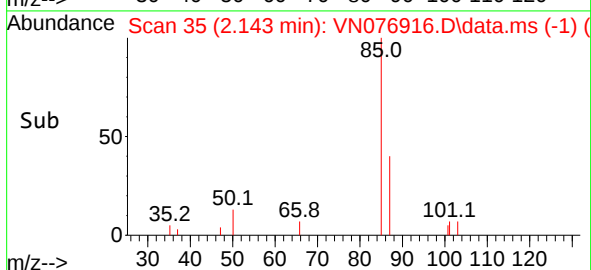
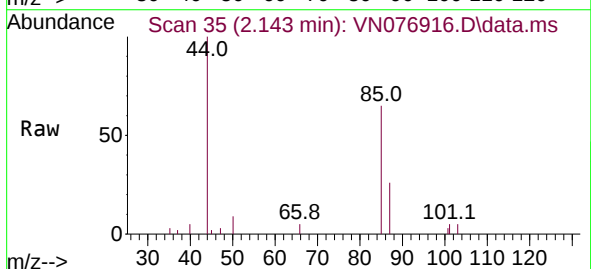
Reviewed By :John Carlone 03/13/2023

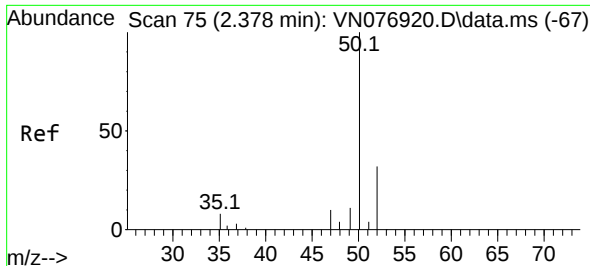
Supervised By :Mahesh Dadoda 03/13/2023



#2
Dichlorodifluoromethane
Concen: 1.408 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Tgt Ion: 85 Resp: 7522
Ion Ratio Lower Upper
85 100
87 40.1 16.2 48.6





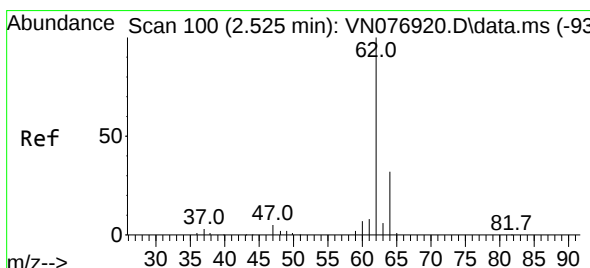
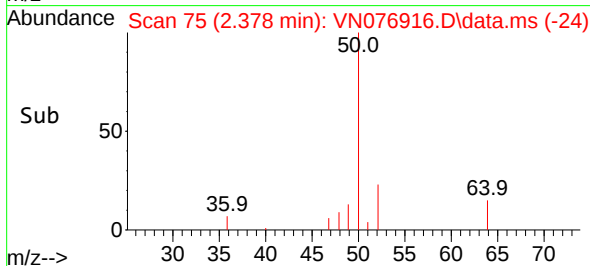
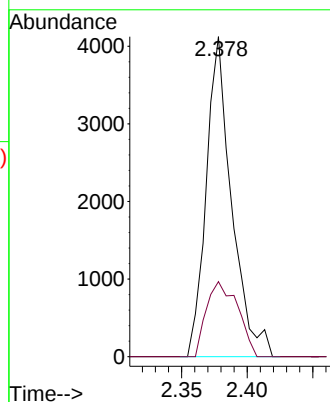
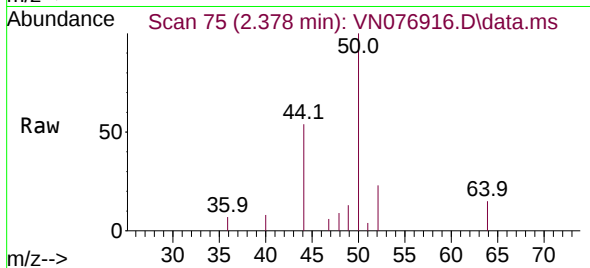
#3
Chloromethane
Concen: 0.790 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 5548
Ion Ratio Lower Upper
50 100
52 23.4 27.9 41.9

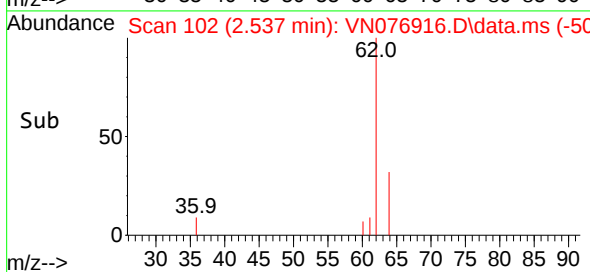
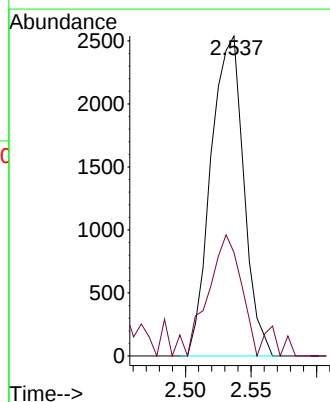
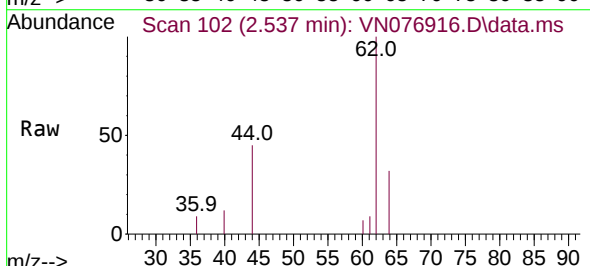
Manual Integrations
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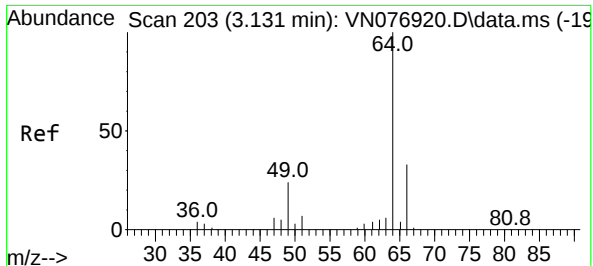
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#4
Vinyl Chloride
Concen: 0.686 ug/l
RT: 2.537 min Scan# 102
Delta R.T. 0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Tgt Ion: 62 Resp: 4419
Ion Ratio Lower Upper
62 100
64 32.3 24.5 36.7





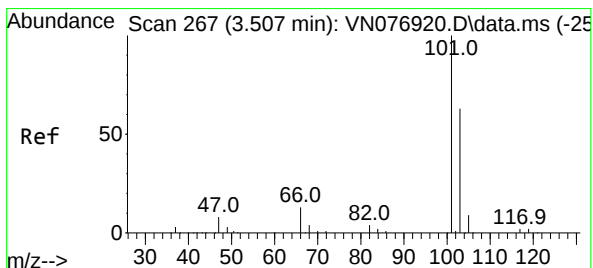
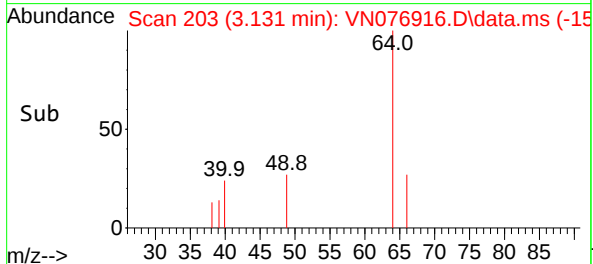
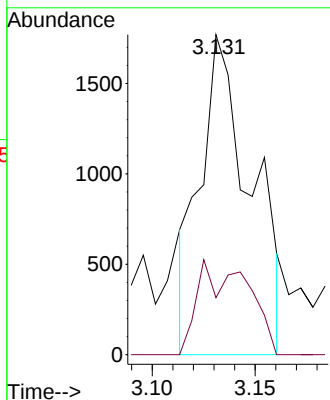
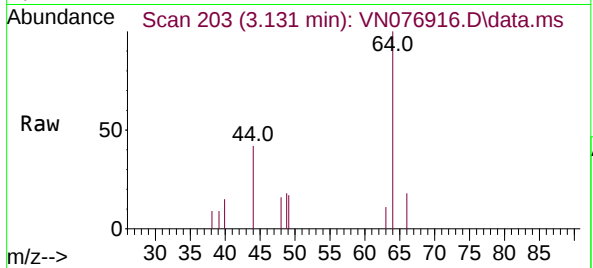
#6
Chloroethane
Concen: 0.690 ug/l m
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 302
Ion Ratio Lower Upper
64 100
66 17.8 26.2 39.4

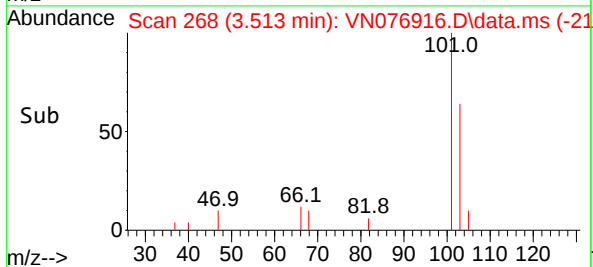
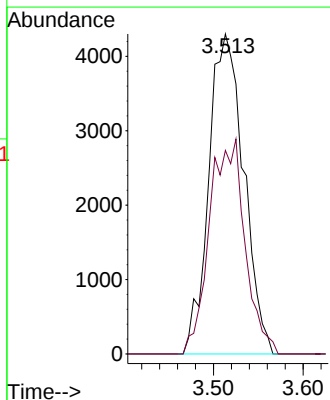
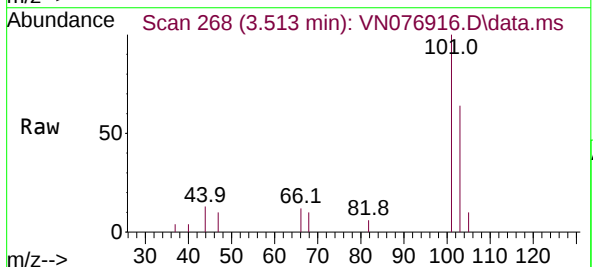
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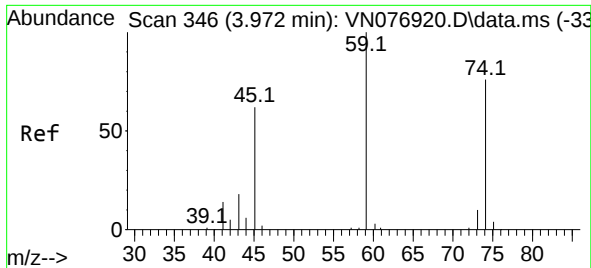
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#7
Trichlorofluoromethane
Concen: 1.239 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

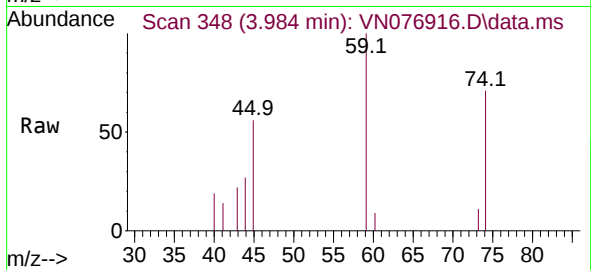
Tgt Ion:101 Resp: 11641
Ion Ratio Lower Upper
101 100
103 63.6 53.4 80.0





#8
Diethyl Ether
Concen: 0.983 ug/l
RT: 3.984 min Scan# 346
Delta R.T. 0.012 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

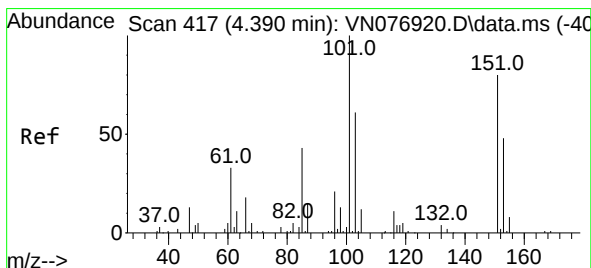
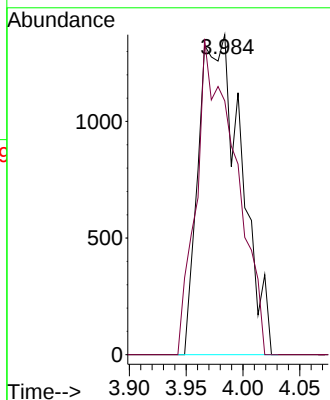
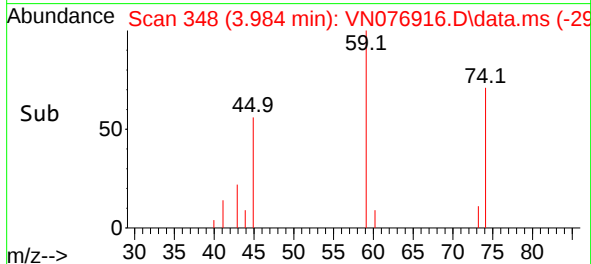
Instrument :
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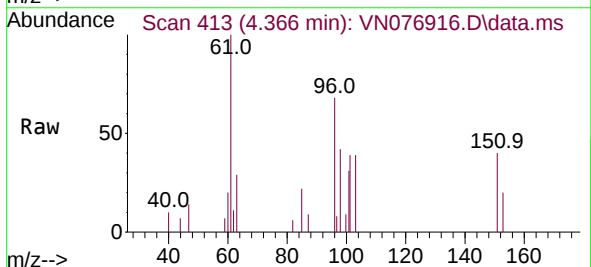
Tgt Ion: 74 Resp: 3554
Ion Ratio Lower Upper
74 100
45 91.2 35.5 106.5

Manual Integrations
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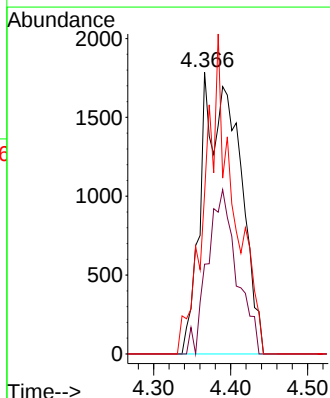
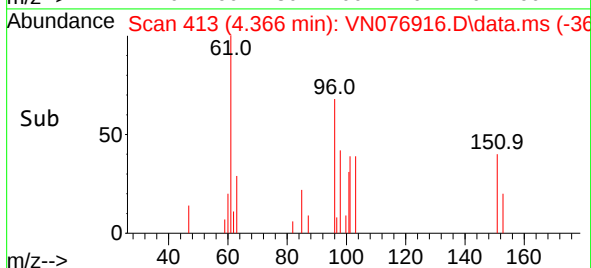
Reviewed By :John Carlone 03/13/2023
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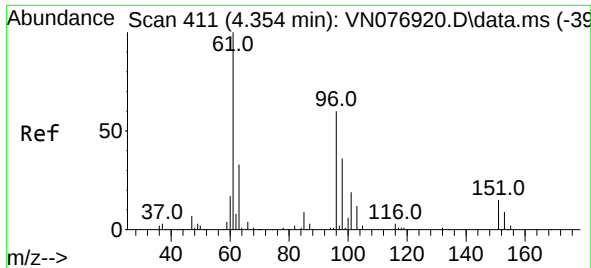


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.111 ug/l m
RT: 4.366 min Scan# 413
Delta R.T. -0.024 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22



Tgt Ion:101 Resp: 6104
Ion Ratio Lower Upper
101 100
85 45.2 35.2 52.8
151 85.2 58.9 88.3





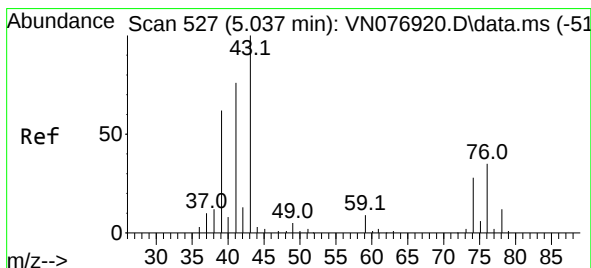
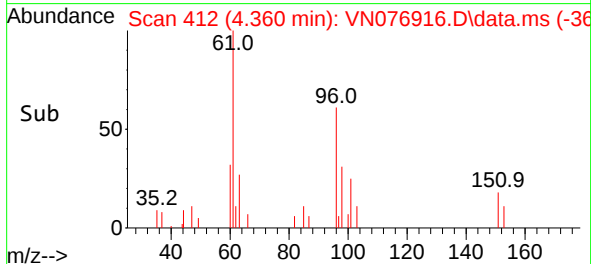
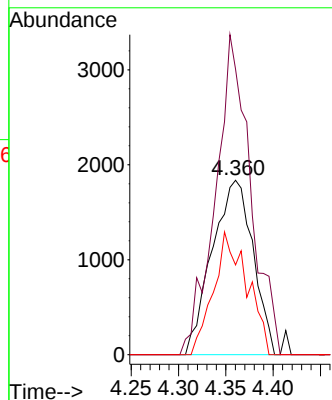
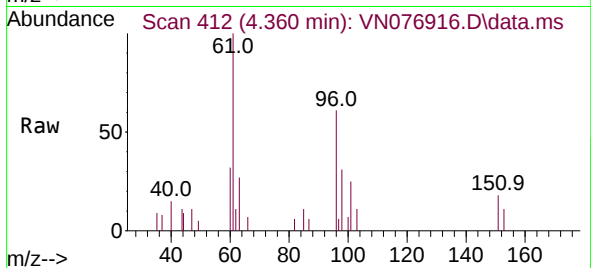
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1,1-Dichloroethene
Concen: 1.078 ug/l
RT: 4.360 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 552
Ion Ratio Lower Upper
96 100
61 163.7 121.3 181.9
98 51.5 52.1 78.1

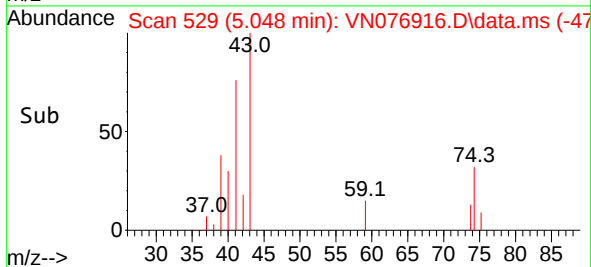
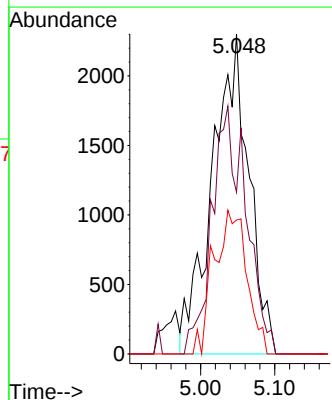
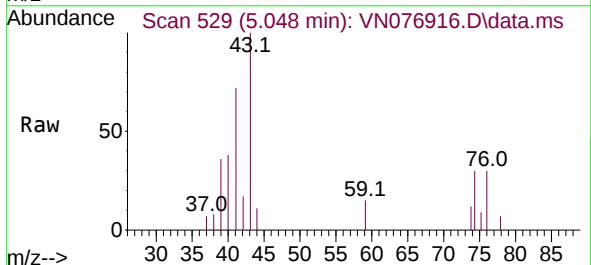
Manual Integrations
APPROVED

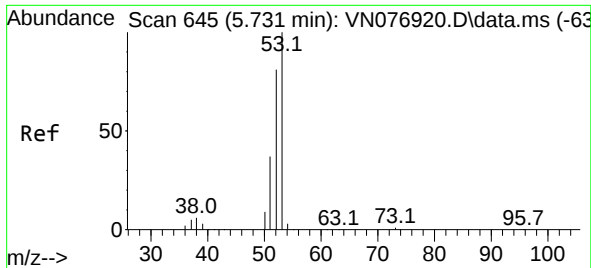
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#14
Allyl chloride
Concen: 0.922 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

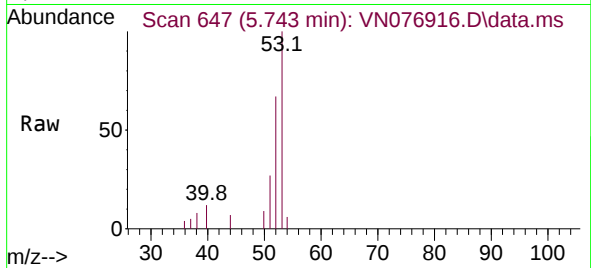
Tgt Ion: 41 Resp: 7889
Ion Ratio Lower Upper
41 100
39 72.4 68.1 102.1
76 40.4 44.1 66.1





#15
Acrylonitrile
Concen: 4.721 ug/l
RT: 5.743 min Scan# 645
Delta R.T. 0.012 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

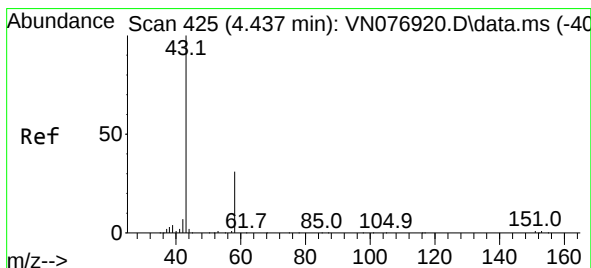
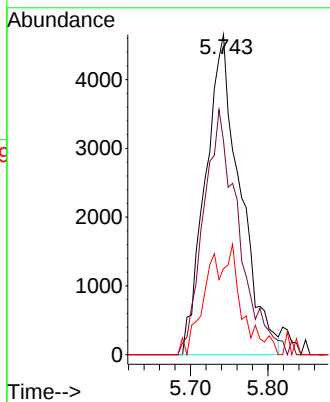
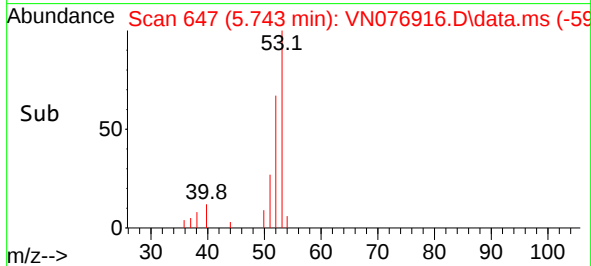
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 53 Resp: 1451
Ion Ratio Lower Upper
53 100
52 77.8 65.3 97.9
51 15.9 28.8 43.2

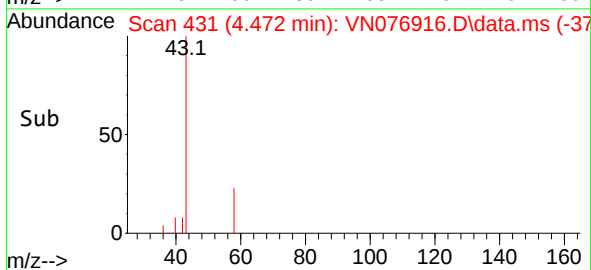
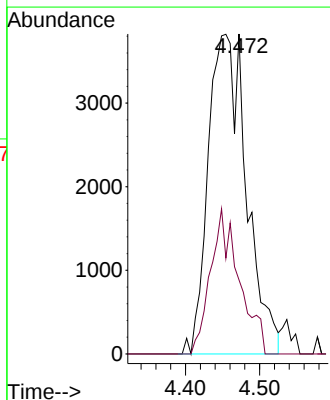
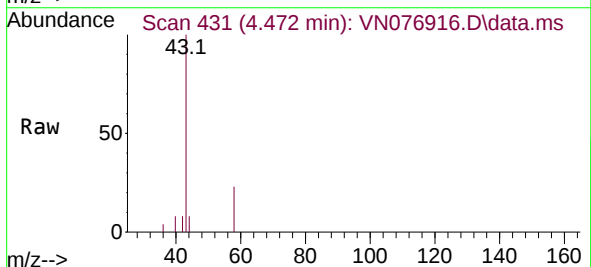
Manual Integrations
APPROVED

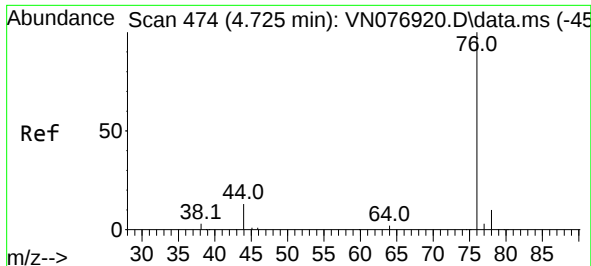
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#16
Acetone
Concen: 4.878 ug/l
RT: 4.472 min Scan# 431
Delta R.T. 0.035 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

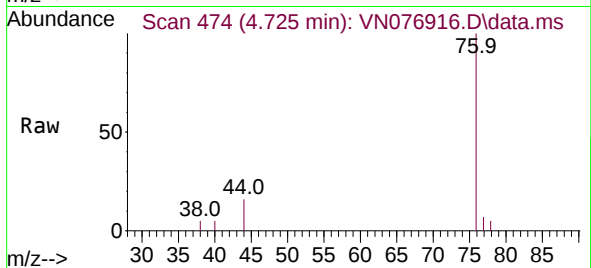
Tgt Ion: 43 Resp: 13705
Ion Ratio Lower Upper
43 100
58 23.1 28.2 42.2





#17
Carbon Disulfide
Concen: 1.140 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

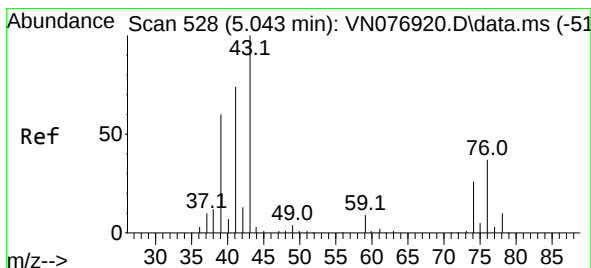
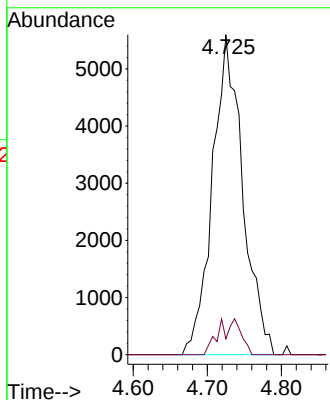
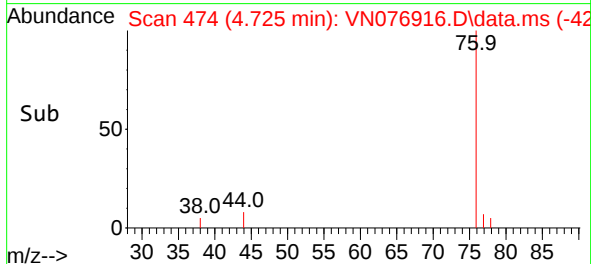
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



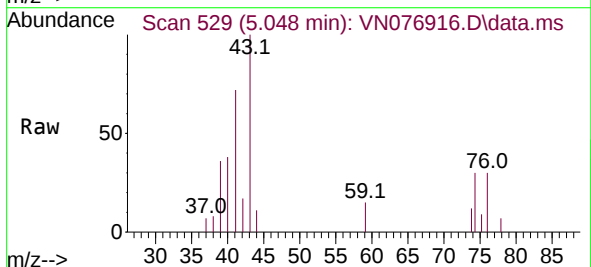
Tgt Ion: 76 Resp: 15860
Ion Ratio Lower Upper
76 100
78 5.0 7.8 11.8

Manual Integrations
APPROVED

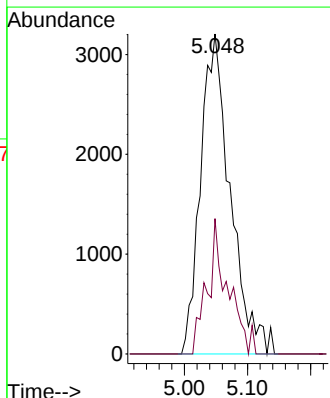
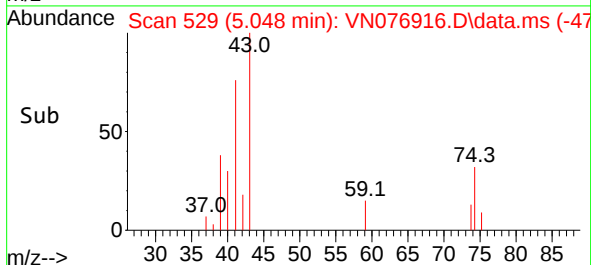
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

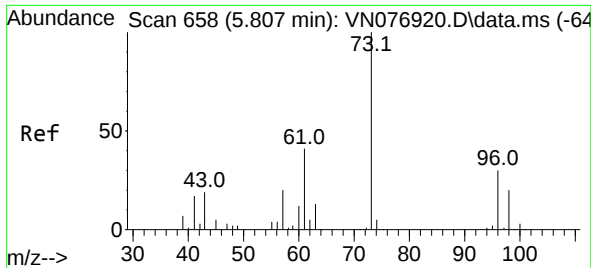


#18
Methyl Acetate
Concen: 1.088 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22



Tgt Ion: 43 Resp: 10471
Ion Ratio Lower Upper
43 100
74 28.3 25.9 38.9





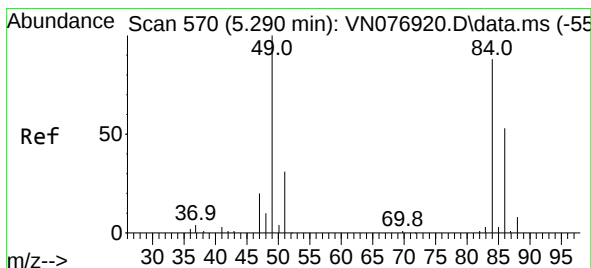
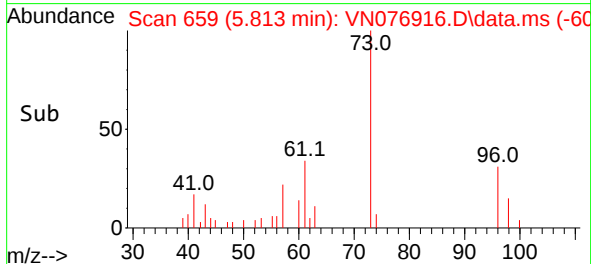
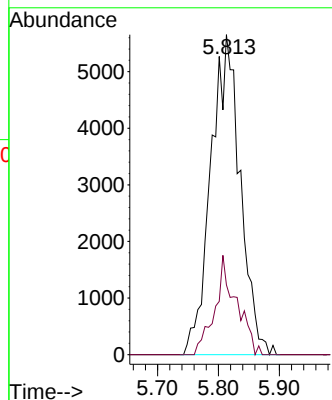
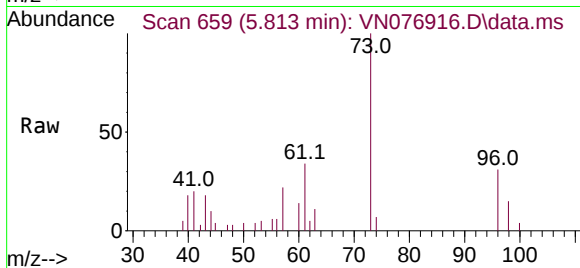
#19
Methyl tert-butyl Ether
Concen: 1.077 ug/l
RT: 5.813 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 18920
Ion Ratio Lower Upper
73 100
57 21.8 16.1 24.1

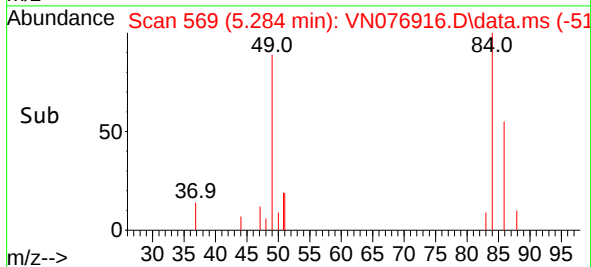
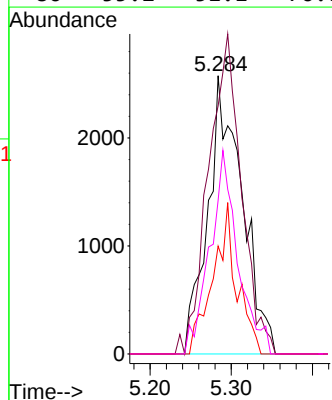
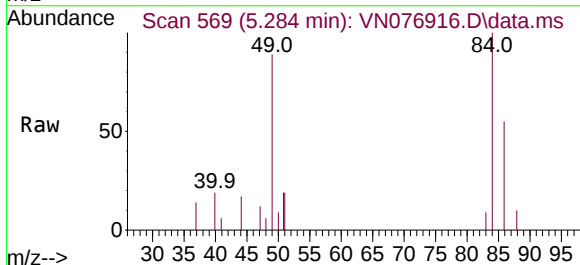
Manual Integrations
APPROVED

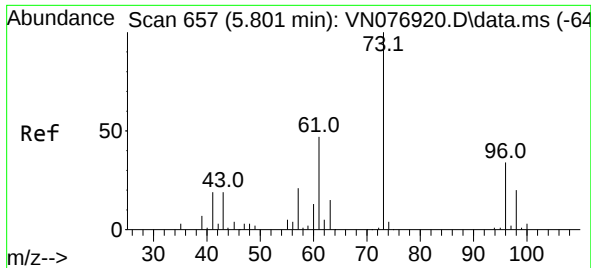
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#20
Methylene Chloride
Concen: 1.151 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Tgt Ion: 84 Resp: 7547
Ion Ratio Lower Upper
84 100
49 89.2 76.6 114.8
51 38.8 25.4 38.2#
86 55.2 51.1 76.7





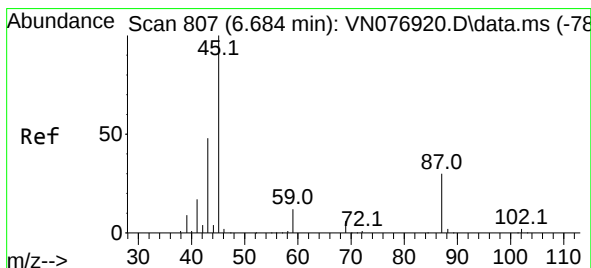
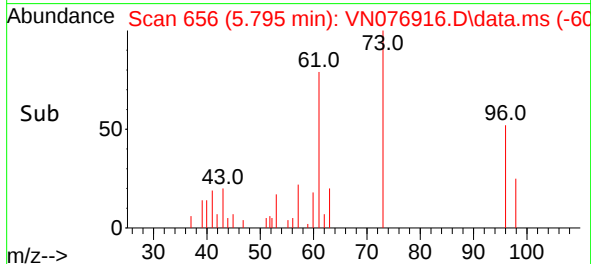
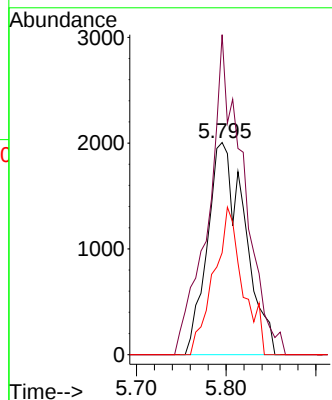
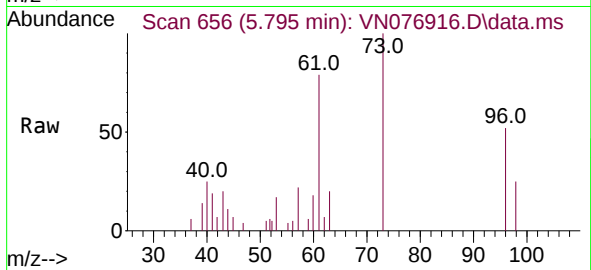
#21
trans-1,2-Dichloroethene
Concen: 1.051 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 5823
Ion Ratio Lower Upper
96 100
61 140.2 95.0 142.6
98 48.1 54.5 81.7

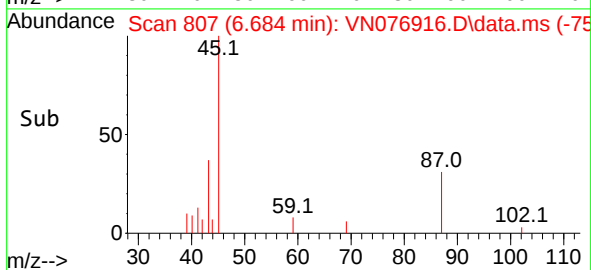
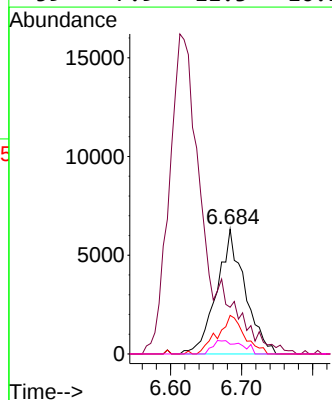
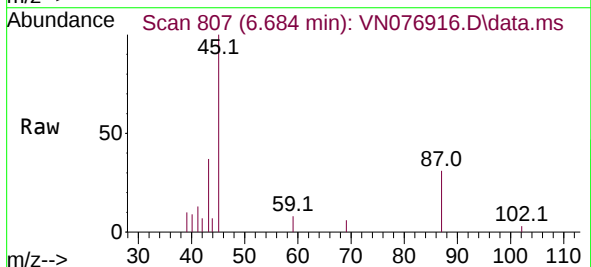
Manual Integrations
APPROVED

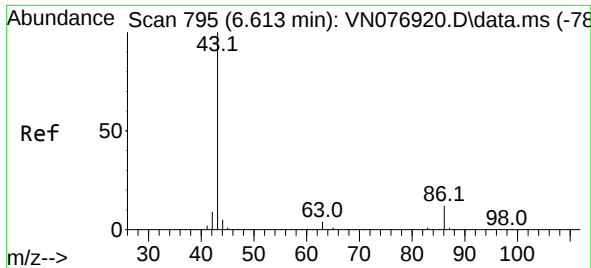
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#22
Diisopropyl ether
Concen: 0.902 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Tgt Ion: 45 Resp: 17363
Ion Ratio Lower Upper
45 100
43 30.3 42.6 63.8#
87 31.0 29.7 44.5
59 7.9 11.3 16.9#





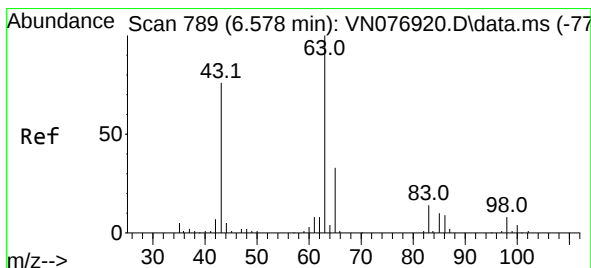
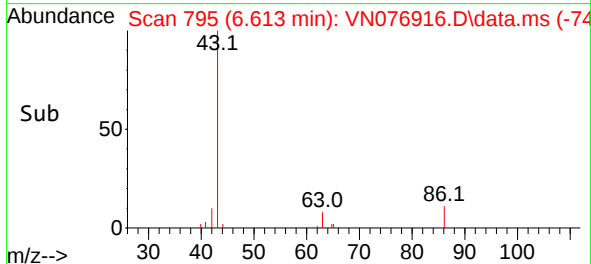
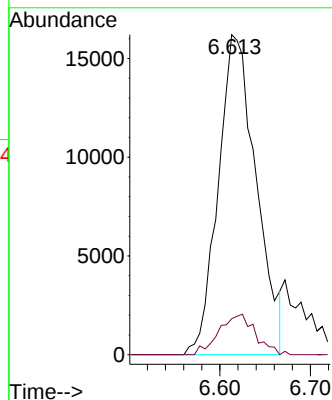
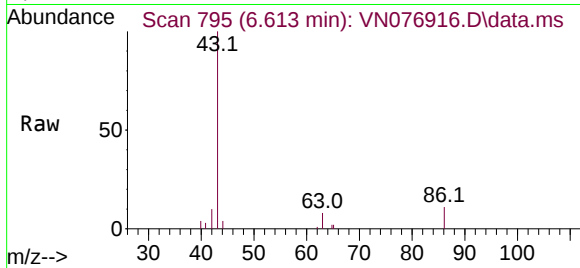
#23
 Vinyl Acetate
 Concen: 3.856 ug/l m
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076916.D
 Acq: 10 Mar 2023 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 43 Resp: 4726
 Ion Ratio Lower Upper
 43 100
 86 11.3 11.8 17.6

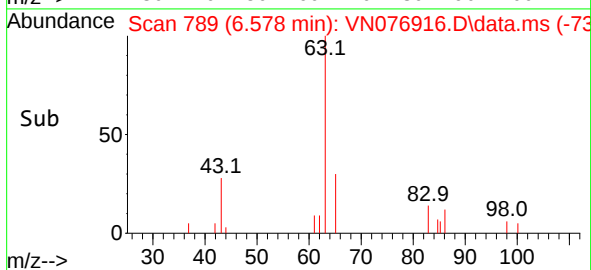
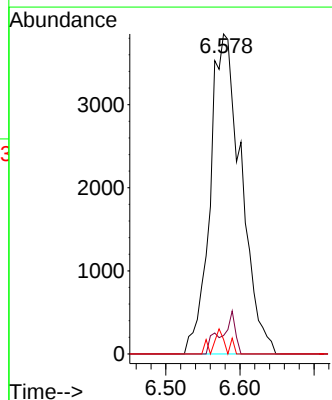
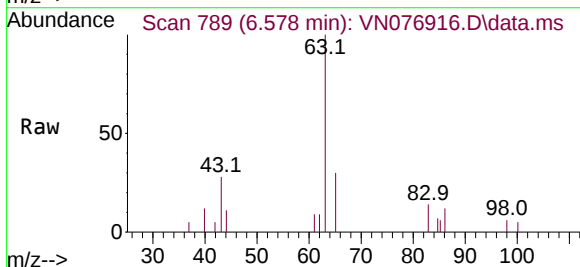
Manual Integrations
 APPROVED

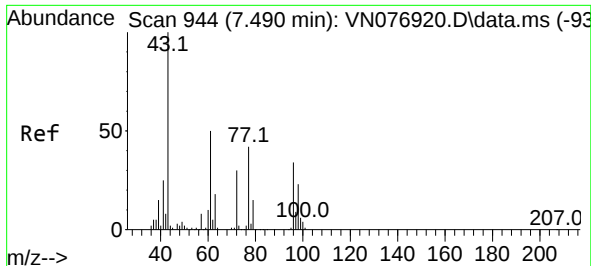
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#24
 1,1-Dichloroethane
 Concen: 1.023 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076916.D
 Acq: 10 Mar 2023 11:22

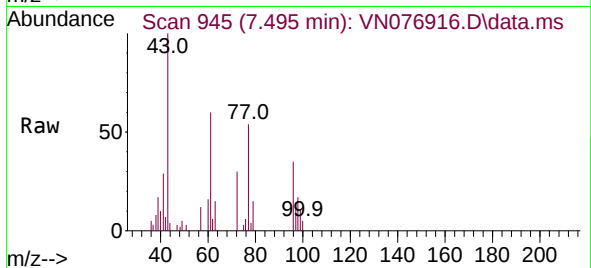
Tgt Ion: 63 Resp: 11220
 Ion Ratio Lower Upper
 63 100
 98 5.7 4.2 12.6
 100 4.5 2.2 6.6





#25
2-Butanone
Concen: 4.487 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

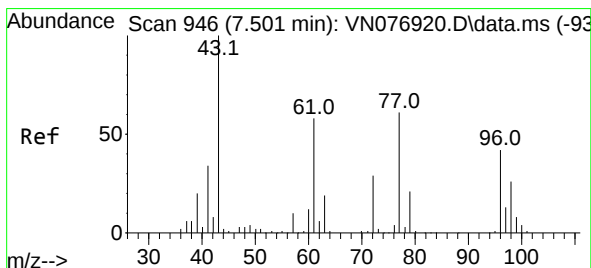
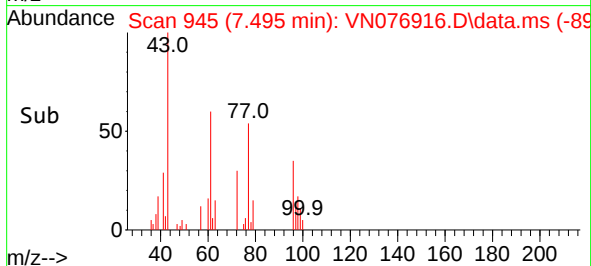
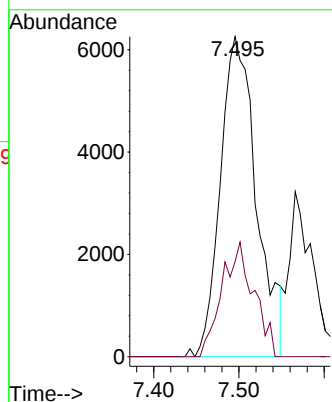
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 1841
Ion Ratio Lower Upper
43 100
72 29.7 28.8 43.2

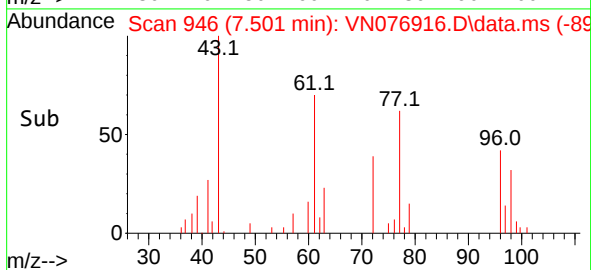
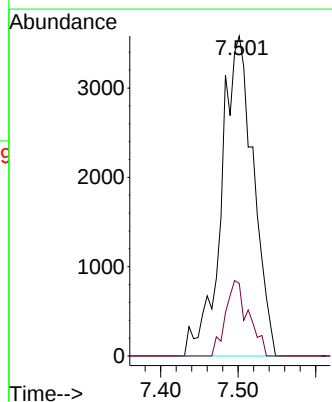
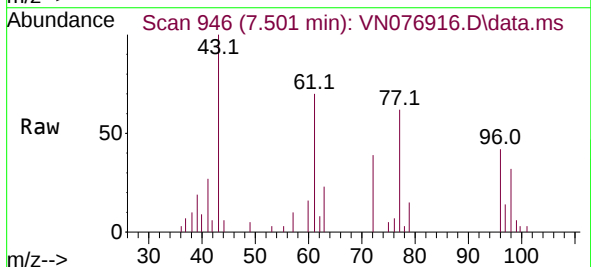
Manual Integrations
APPROVED

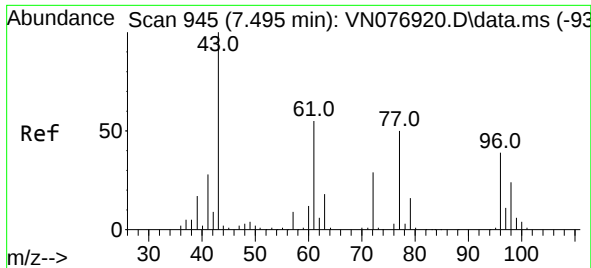
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#26
2,2-Dichloropropane
Concen: 1.281 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

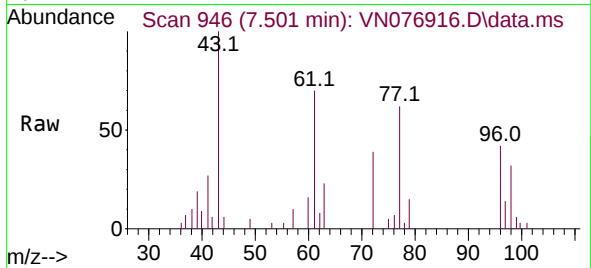
Tgt Ion: 77 Resp: 10296
Ion Ratio Lower Upper
77 100
97 16.9 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 1.014 ug/l
 RT: 7.501 min Scan# 945
 Delta R.T. 0.006 min
 Lab File: VN076916.D
 Acq: 10 Mar 2023 11:22

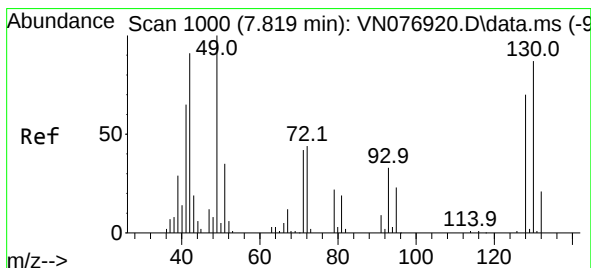
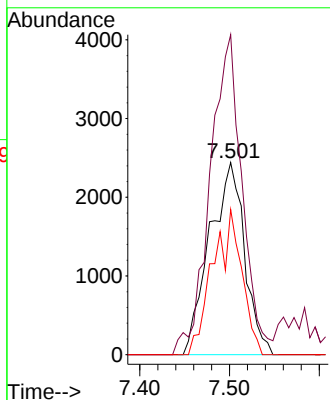
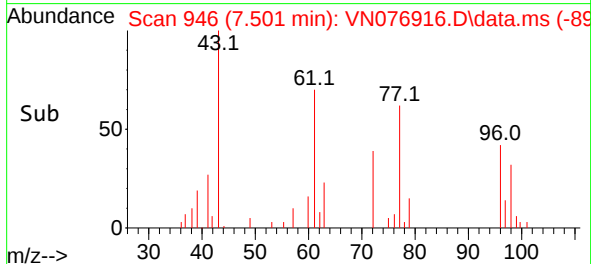
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 96 Resp: 658
 Ion Ratio Lower Upper
 96 100
 61 153.2 0.0 255.6
 98 63.0 0.0 127.4

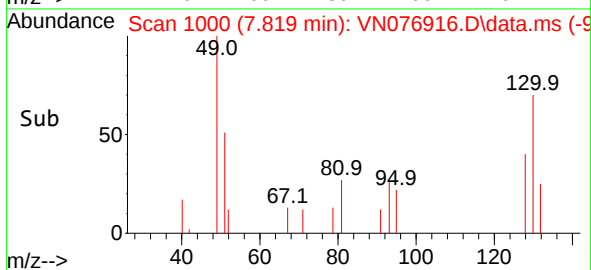
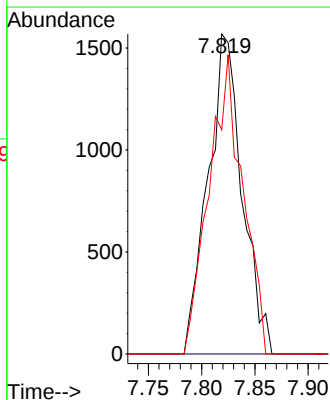
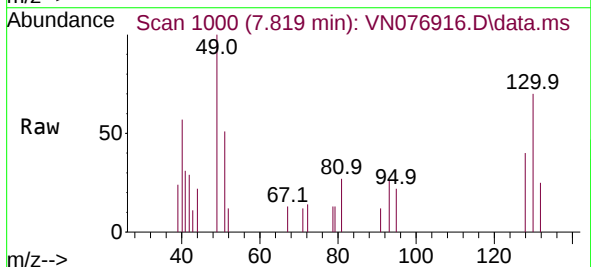
Manual Integrations
 APPROVED

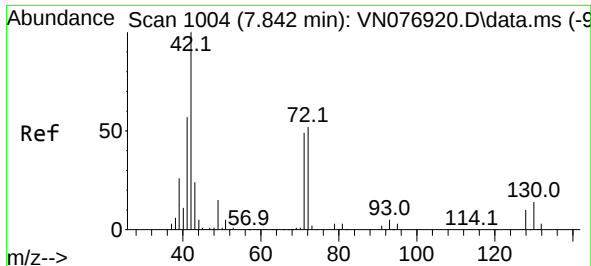
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#28
 Bromochloromethane
 Concen: 0.754 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076916.D
 Acq: 10 Mar 2023 11:22

Tgt Ion: 49 Resp: 3500
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 92.3 74.8 112.2





#29

Tetrahydrofuran

Concen: 3.858 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN076916.D

Acq: 10 Mar 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

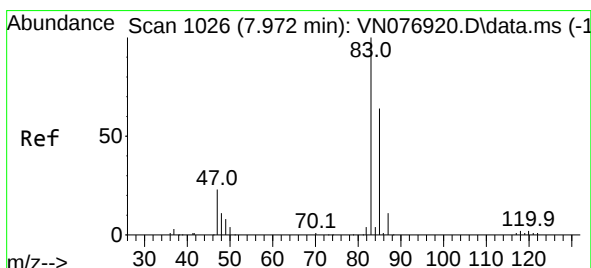
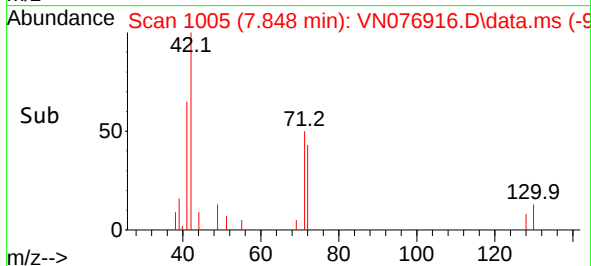
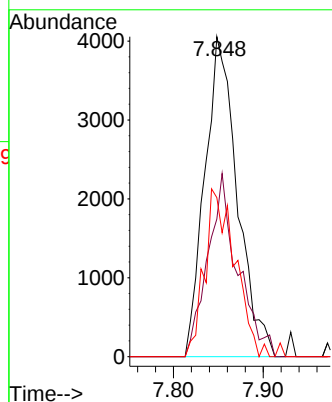
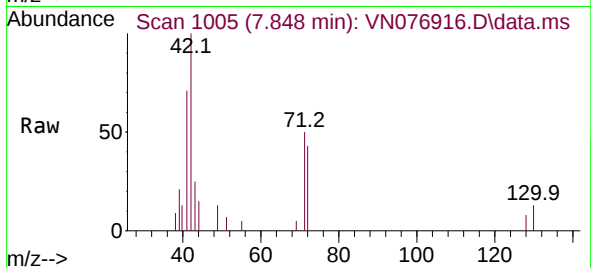
Tgt Ion:	42	Resp:	1021
Ion Ratio	Lower	Upper	
42	100		
72	52.6	48.6	73.0
71	49.1	45.1	67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#30

Chloroform

Concen: 1.092 ug/l

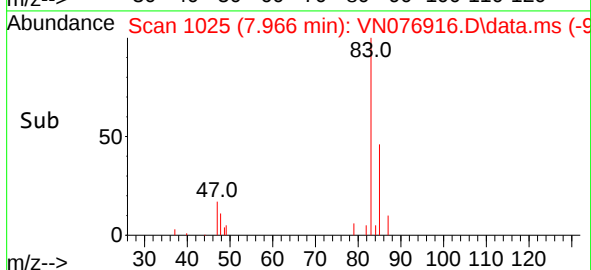
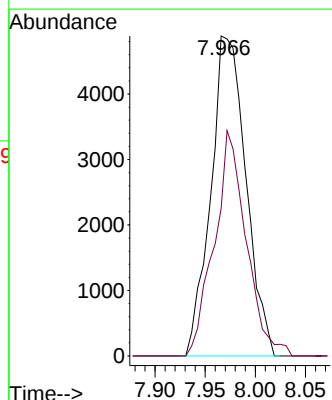
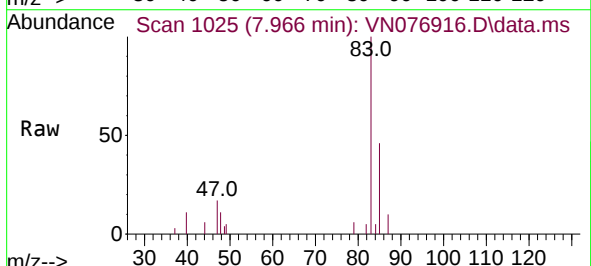
RT: 7.966 min Scan# 1025

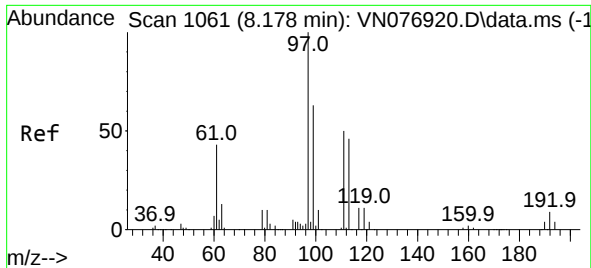
Delta R.T. -0.006 min

Lab File: VN076916.D

Acq: 10 Mar 2023 11:22

Tgt Ion:	83	Resp:	11900
Ion Ratio	Lower	Upper	
83	100		
85	46.2	51.3	76.9





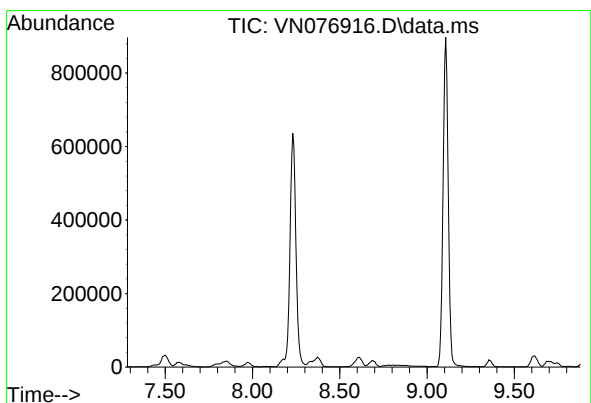
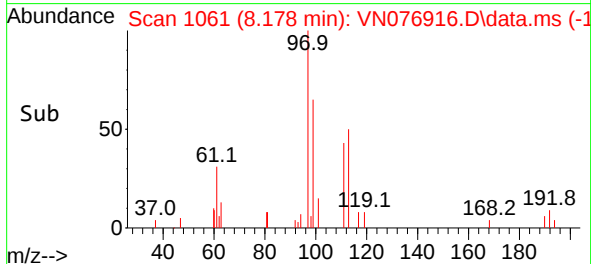
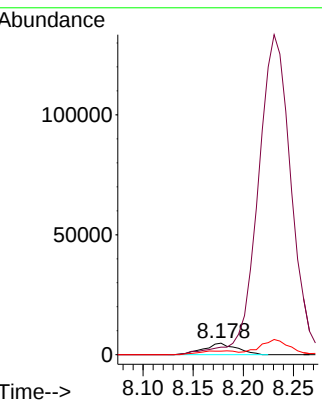
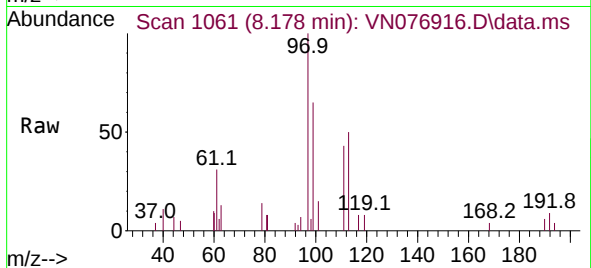
#32
1,1,1-Trichloroethane
Concen: 1.154 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 97 Resp: 10889
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8
61 37.1 35.7 53.5

Manual Integrations
APPROVED

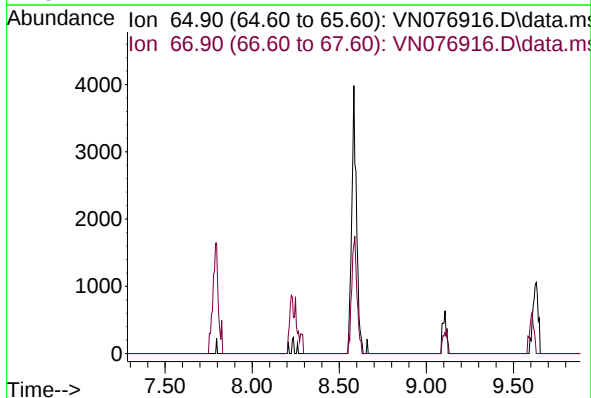
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

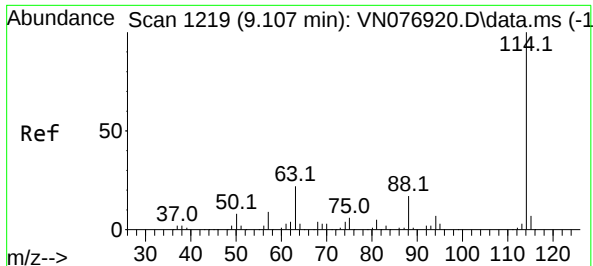


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.58 min

Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Tgt Ion: 65
Sig Exp Ratio
65 100
67 53.6





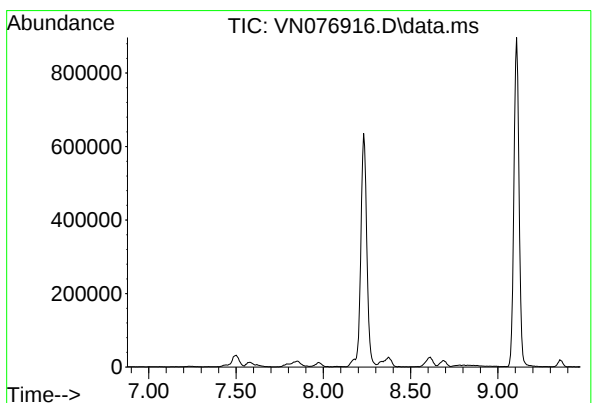
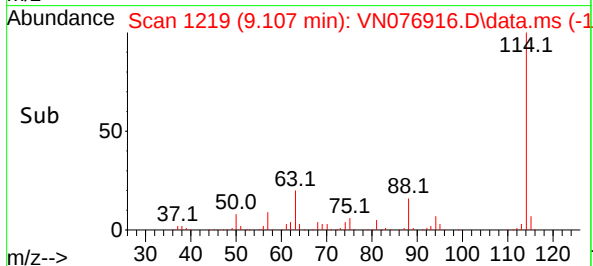
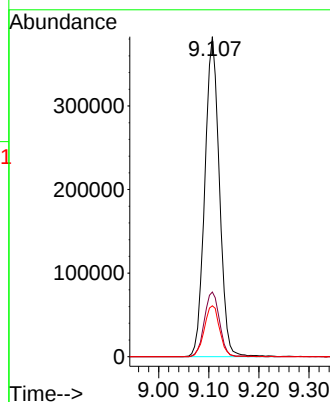
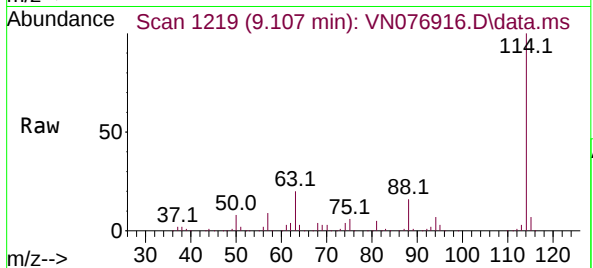
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 77302
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.6
88 15.9 0.0 28.6

Manual Integrations
APPROVED

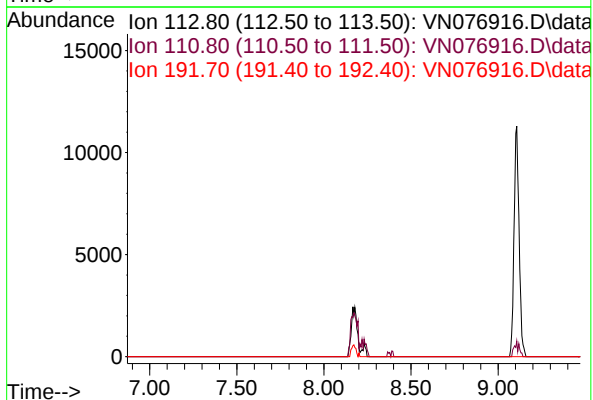
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.17 min

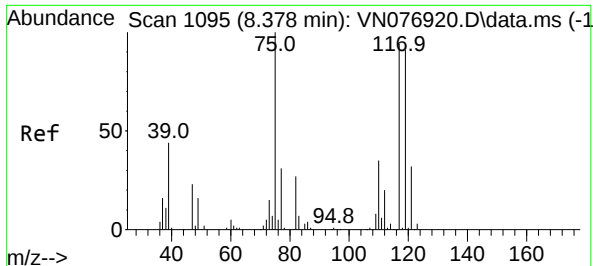
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Tgt Ion: 113
Sig Exp Ratio
113 100
111 102.3
192 17.4



Ion 110.80 (110.50 to 111.50): VN076916.D\data.ms

Ion 191.70 (191.40 to 192.40): VN076916.D\data.ms



#36

1,1-Dichloropropene

Concen: 1.030 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN076916.D

Acq: 10 Mar 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

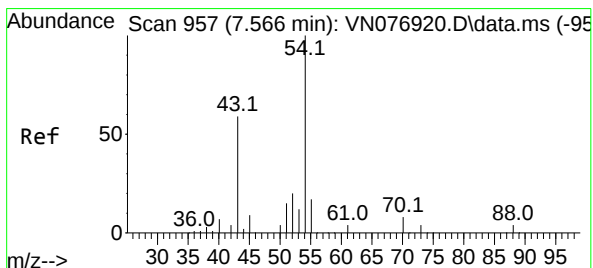
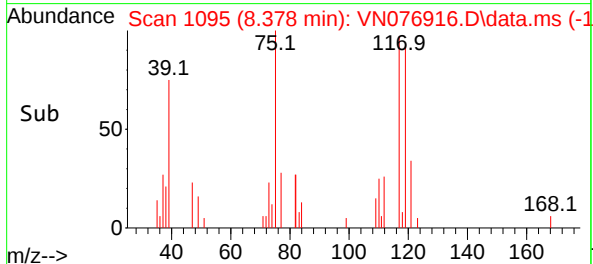
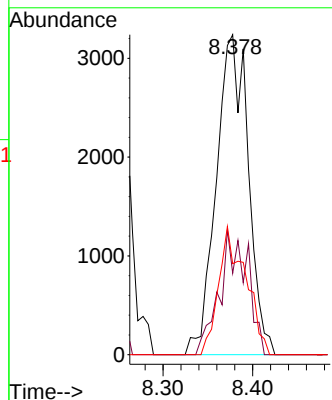
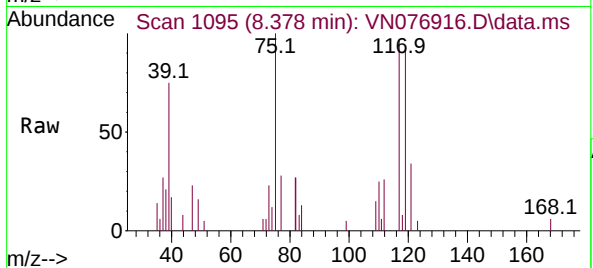
Tgt Ion:	75	Resp:	800
Ion	Ratio	Lower	Upper
75	100		
110	33.9	18.9	56.9
77	34.0	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#37

Ethyl Acetate

Concen: 0.562 ug/l

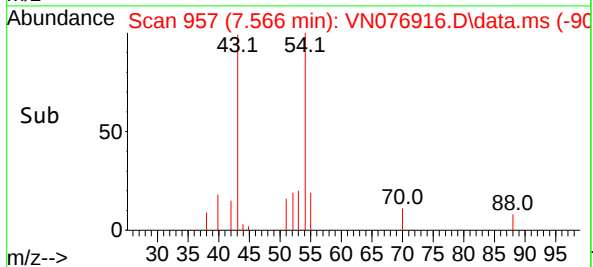
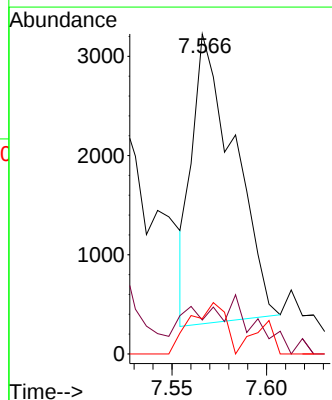
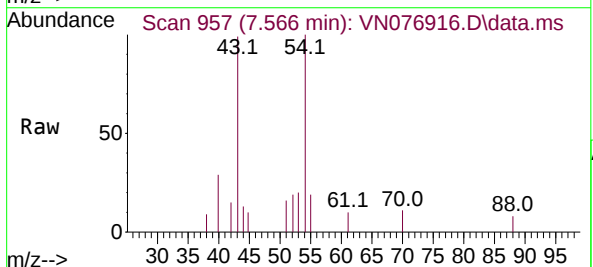
RT: 7.566 min Scan# 957

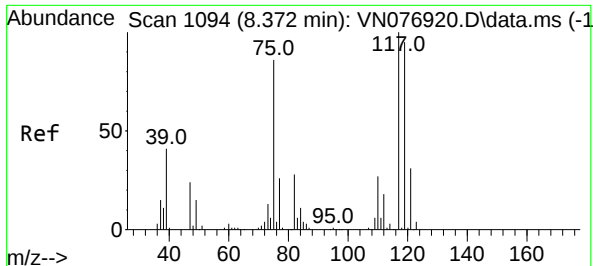
Delta R.T. -0.000 min

Lab File: VN076916.D

Acq: 10 Mar 2023 11:22

Tgt Ion:	43	Resp:	4480
Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.5	20.3
70	14.9	11.0	16.6





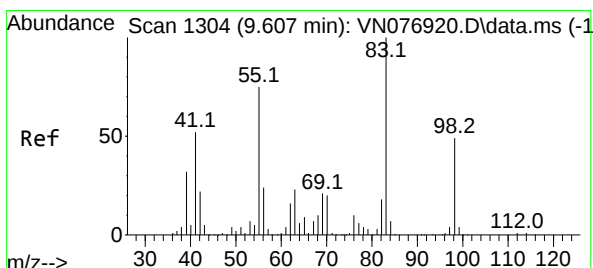
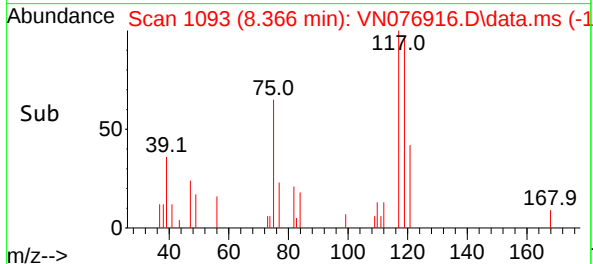
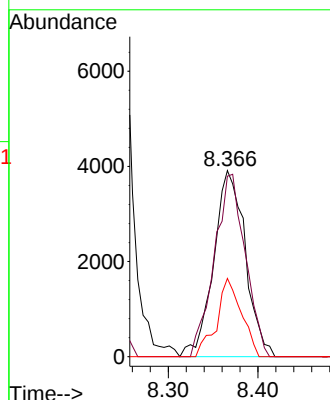
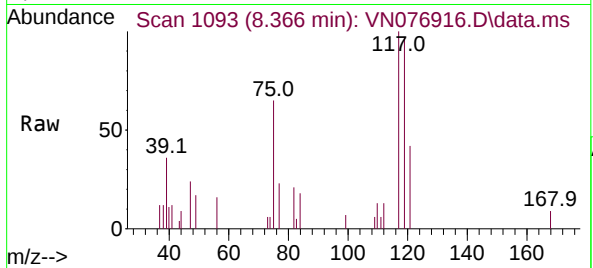
#38
Carbon Tetrachloride
Concen: 1.213 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument : MSVOA_N
ClientSampleId : VSTDIC001

Tgt Ion: 117 Resp: 9579
Ion Ratio Lower Upper
117 100
119 97.0 76.9 115.3
121 42.1 23.2 34.8

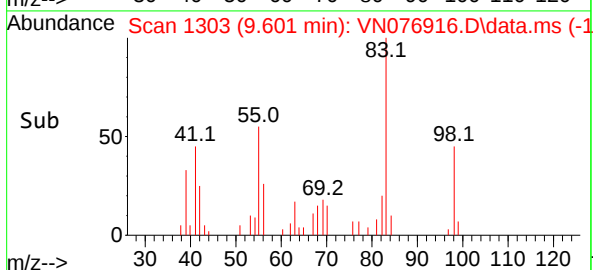
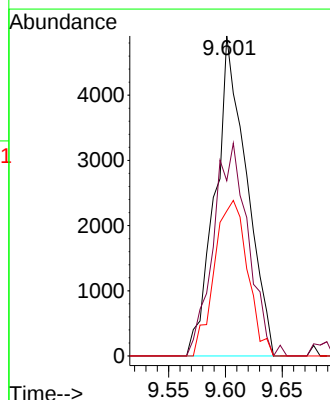
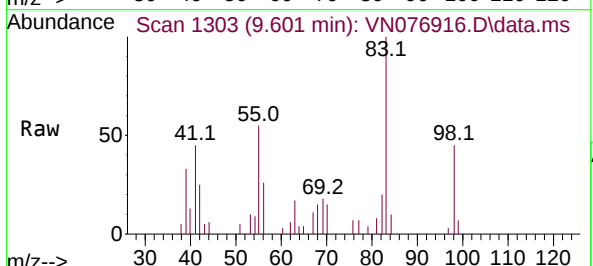
Manual Integrations
APPROVED

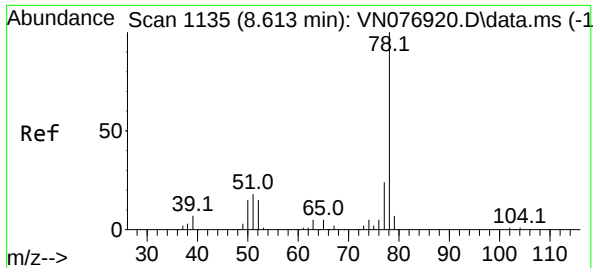
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#39
Methylcyclohexane
Concen: 0.984 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Tgt Ion: 83 Resp: 9427
Ion Ratio Lower Upper
83 100
55 54.8 47.0 70.4
98 45.3 39.4 59.0





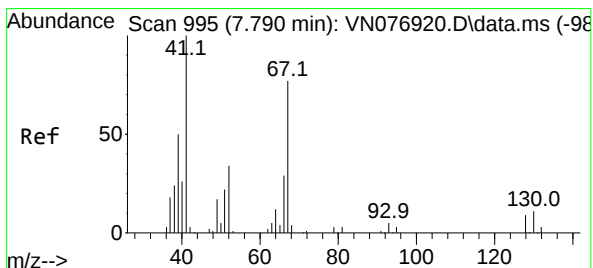
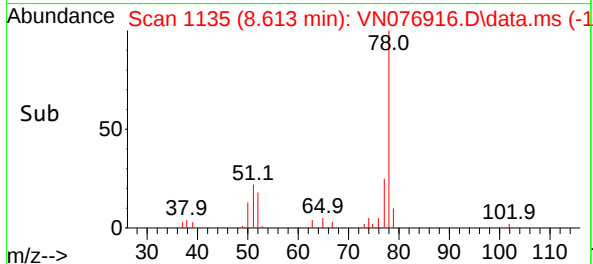
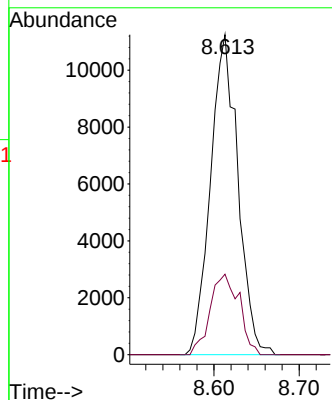
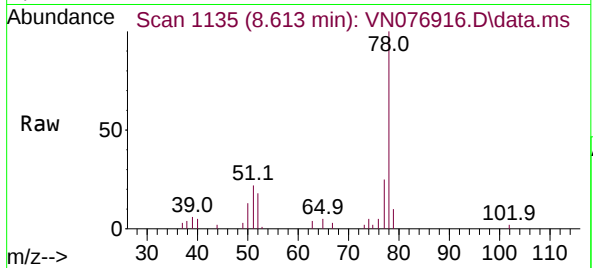
#40
Benzene
Concen: 1.061 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 2512
Ion Ratio Lower Upper
78 100
77 25.2 19.3 28.9

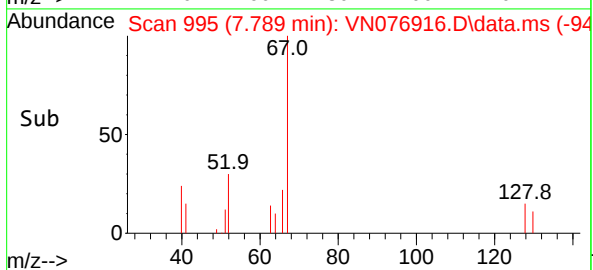
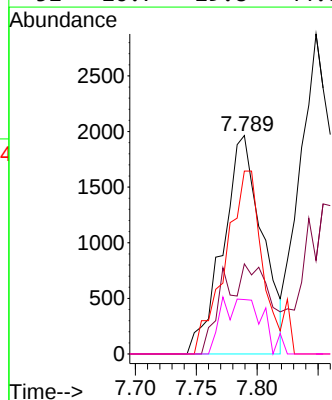
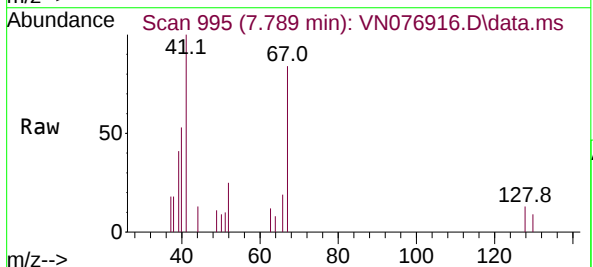
Manual Integrations
APPROVED

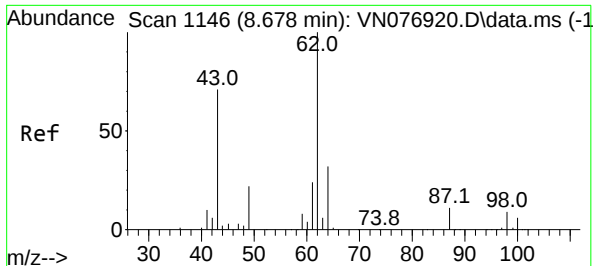
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#41
Methacrylonitrile
Concen: 1.015 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.005 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Tgt Ion: 41 Resp: 4423
Ion Ratio Lower Upper
41 100
39 48.7 43.4 65.0
67 81.6 78.6 118.0
52 26.7 29.8 44.8#





#42

1,2-Dichloroethane

Concen: 1.252 ug/l

RT: 8.672 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN076916.D

Acq: 10 Mar 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

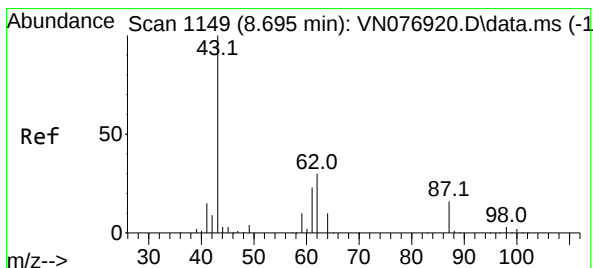
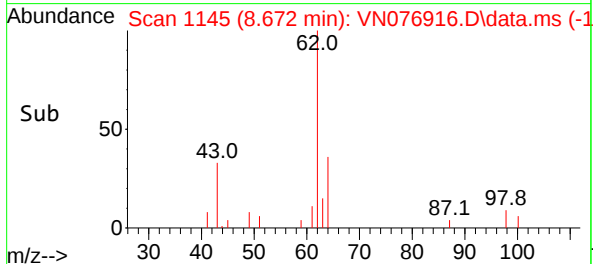
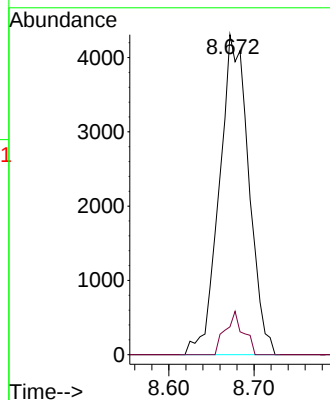
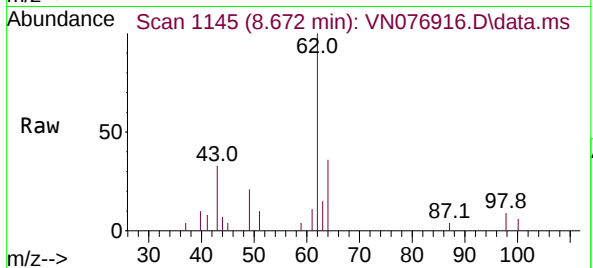
Tgt Ion: 62 Resp: 10329
 Ion Ratio Lower Upper
 62 100
 98 8.2 0.0 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#43

Isopropyl Acetate

Concen: 0.966 ug/l

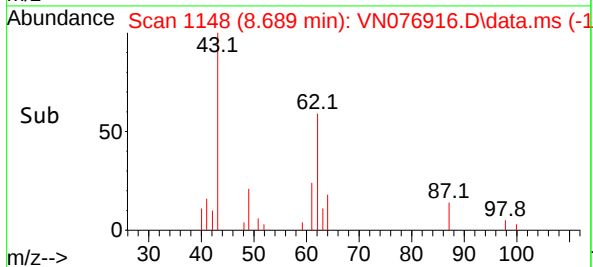
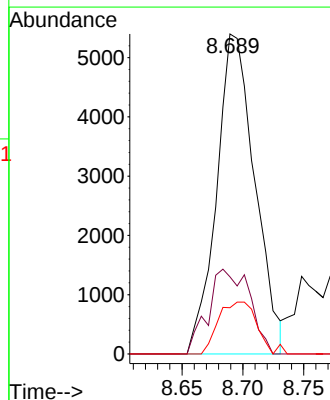
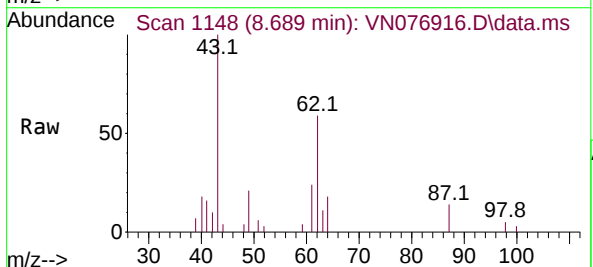
RT: 8.689 min Scan# 1148

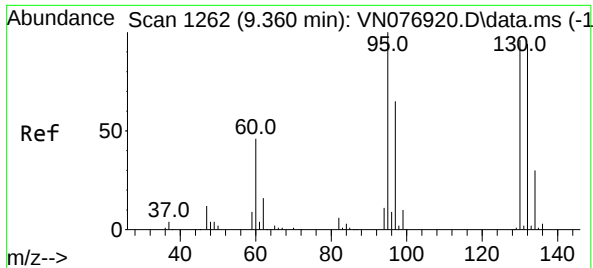
Delta R.T. -0.006 min

Lab File: VN076916.D

Acq: 10 Mar 2023 11:22

Tgt Ion: 43 Resp: 11798
 Ion Ratio Lower Upper
 43 100
 61 28.8 26.2 39.2
 87 16.4 14.8 22.2





#44
Trichloroethene
Concen: 1.270 ug/l
RT: 9.354 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

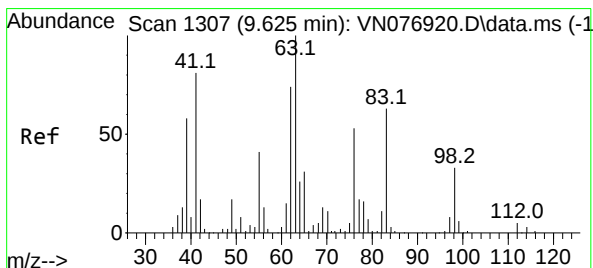
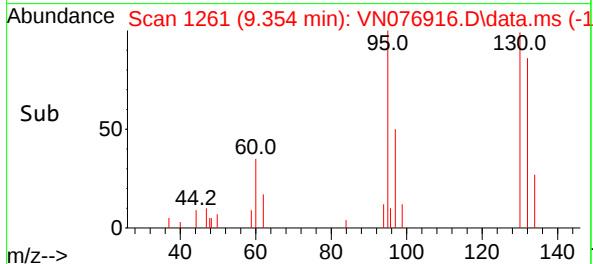
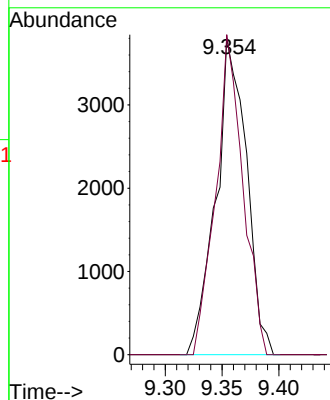
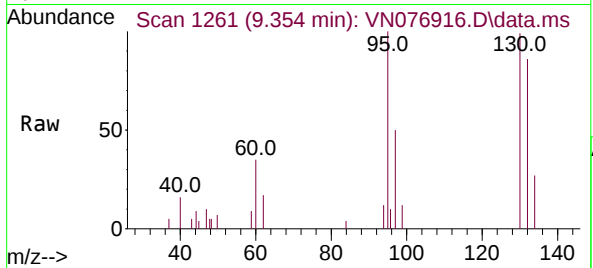
VSTDIC001

Tgt Ion:130 Resp: 7132
Ion Ratio Lower Upper
130 100
95 101.2 0.0 208.6

Manual Integrations

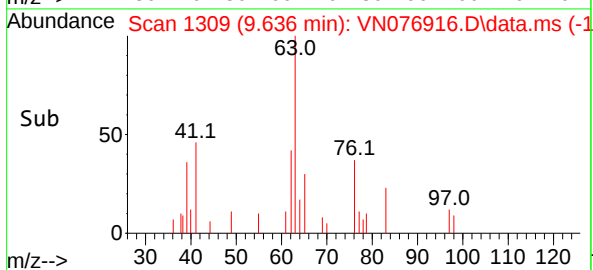
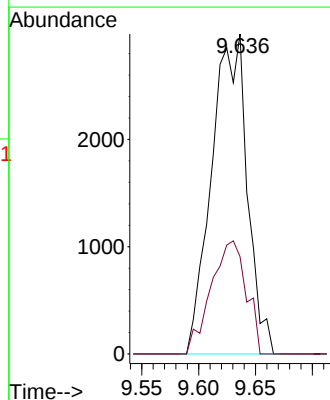
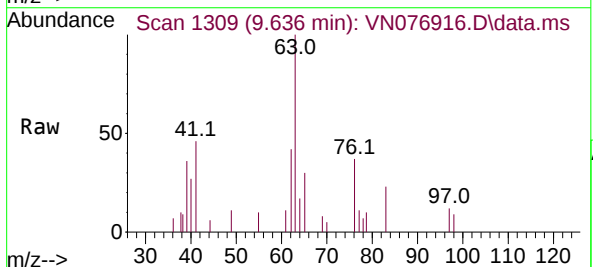
APPROVED

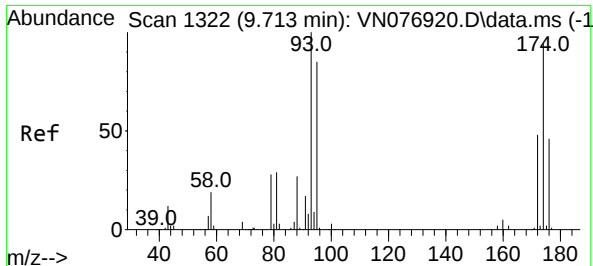
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#45
1,2-Dichloropropane
Concen: 1.060 ug/l
RT: 9.636 min Scan# 1309
Delta R.T. 0.011 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

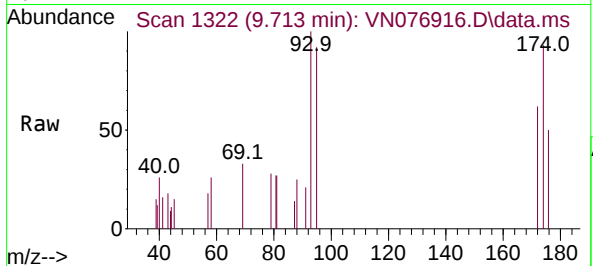
Tgt Ion: 63 Resp: 6485
Ion Ratio Lower Upper
63 100
65 30.4 25.0 37.6





#46
Dibromomethane
Concen: 1.109 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

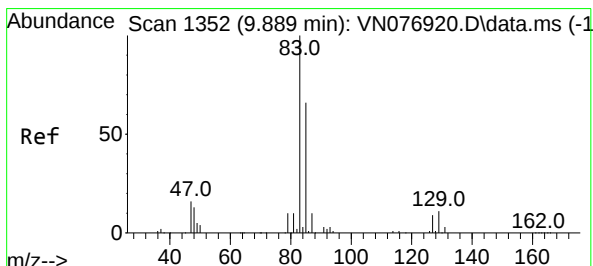
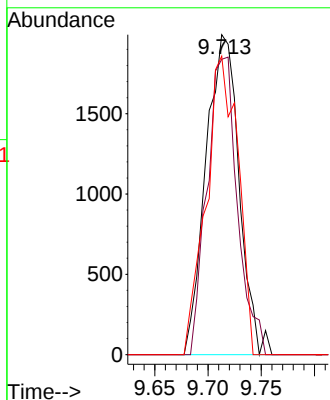
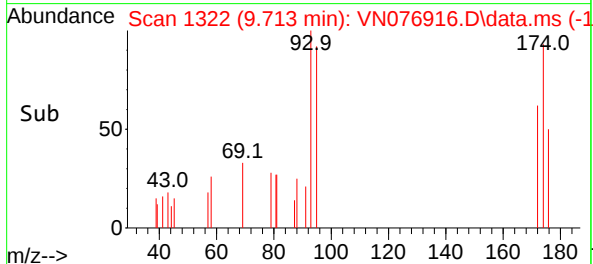
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



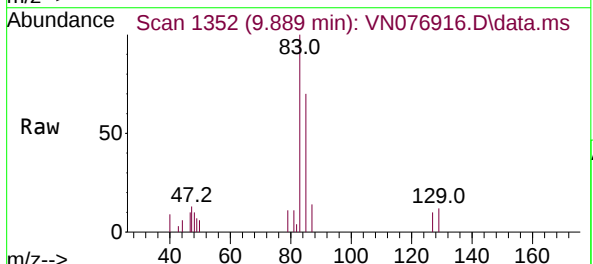
Tgt Ion: 93 Resp: 431
Ion Ratio Lower Upper
93 100
95 85.4 65.7 98.5
174 89.9 69.3 103.9

Manual Integrations
APPROVED

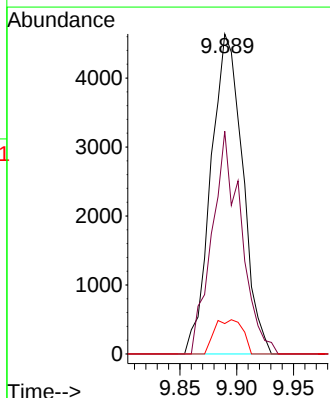
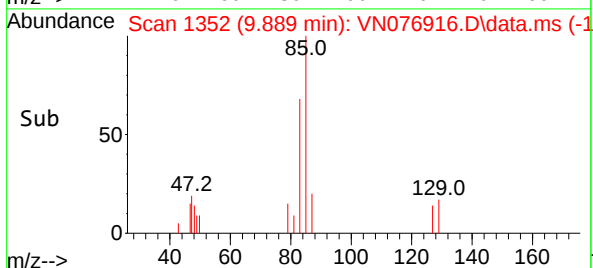
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

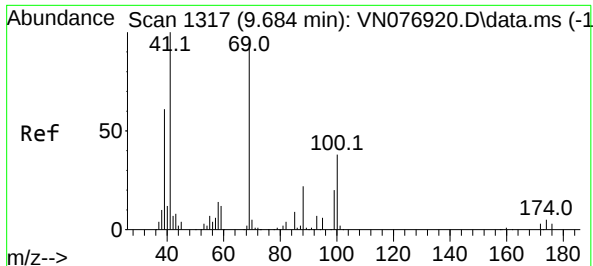


#47
Bromodichloromethane
Concen: 1.124 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22



Tgt Ion: 83 Resp: 8981
Ion Ratio Lower Upper
83 100
85 69.6 52.6 78.8
127 9.5 7.0 10.6





#48

Methyl methacrylate

Concen: 0.970 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN076916.D

Acq: 10 Mar 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

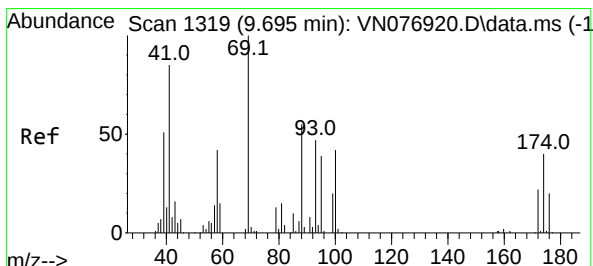
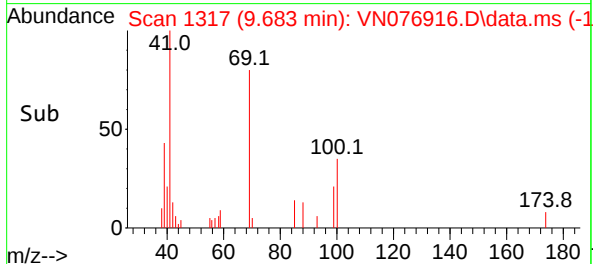
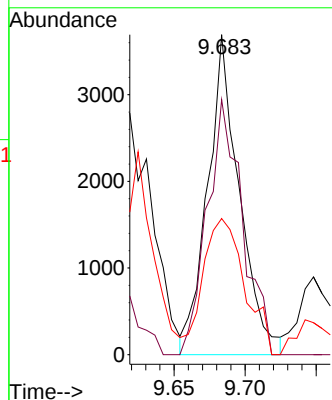
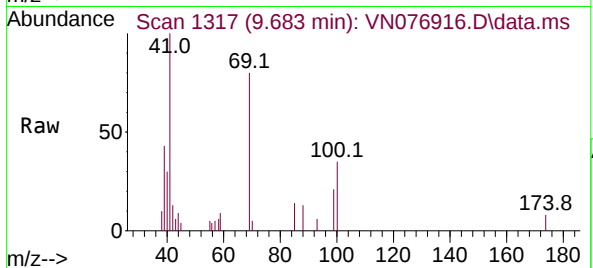
Tgt Ion: 41	Resp: 575
Ion Ratio	Lower Upper
41	100
69	88.3 92.6 139.0
39	55.6 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#49

1,4-Dioxane

Concen: 18.111 ug/l

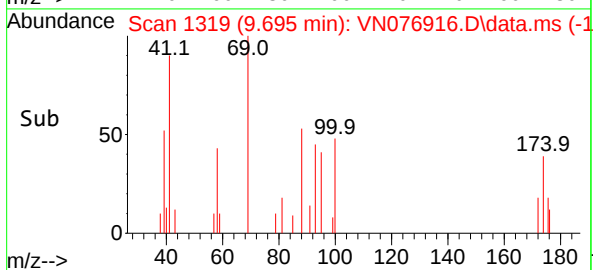
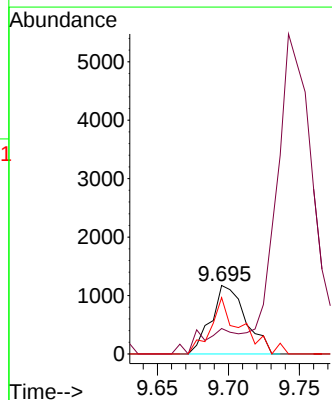
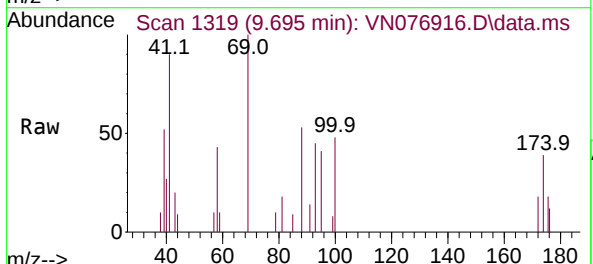
RT: 9.695 min Scan# 1319

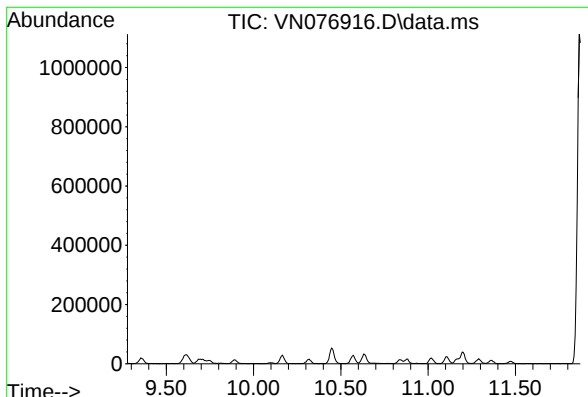
Delta R.T. -0.006 min

Lab File: VN076916.D

Acq: 10 Mar 2023 11:22

Tgt Ion: 88	Resp: 1970
Ion Ratio	Lower Upper
88	100
43	40.9 15.3 22.9#
58	73.0 47.6 71.4#



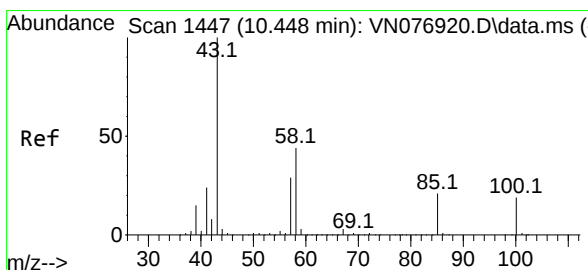
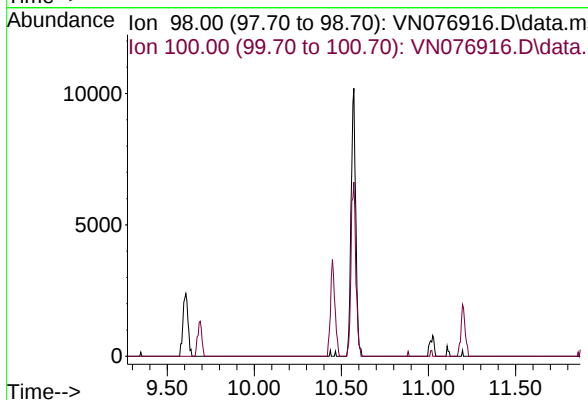


#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.57 min
 Lab File: VN076916.D
 Acq: 10 Mar 2023 11:22
 Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 66.0

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

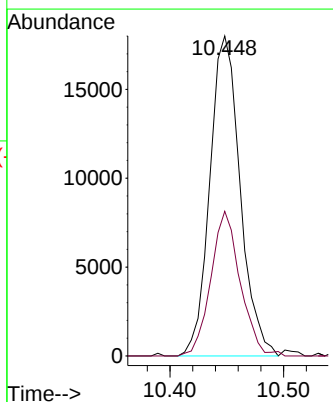
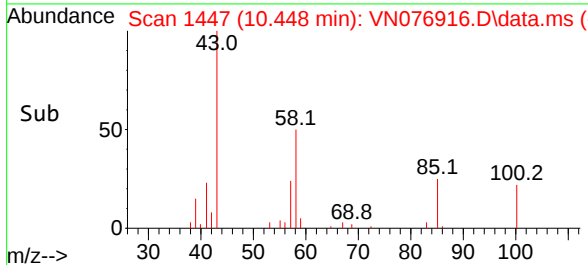
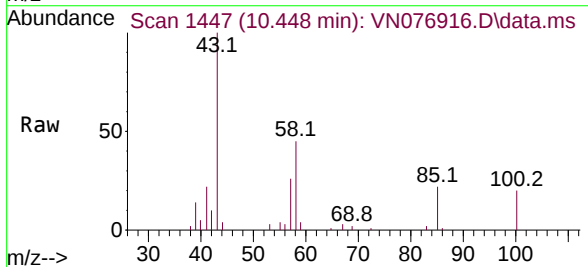
Manual Integrations
 APPROVED

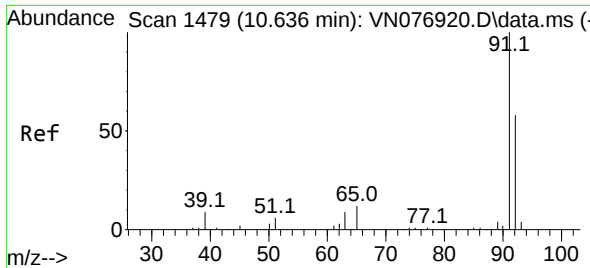
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#51
 4-Methyl-2-Pentanone
 Concen: 4.338 ug/l
 RT: 10.448 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VN076916.D
 Acq: 10 Mar 2023 11:22

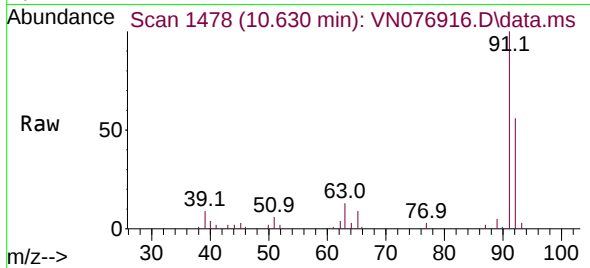
Tgt Ion: 43 Resp: 33416
 Ion Ratio Lower Upper
 43 100
 58 43.8 37.4 56.0





#52
Toluene
Concen: 1.021 ug/l
RT: 10.630 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

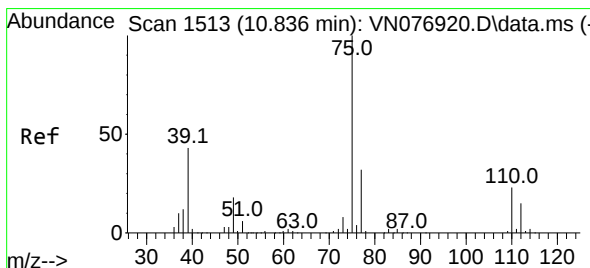
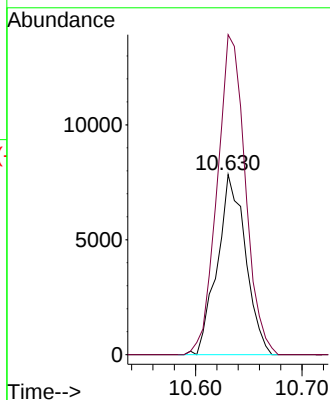
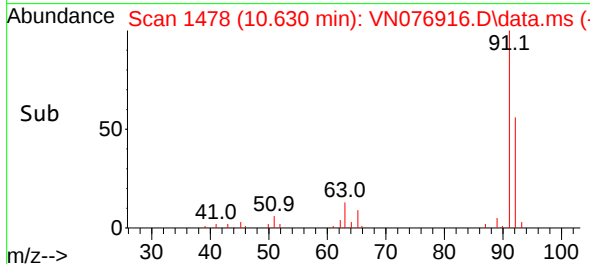
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



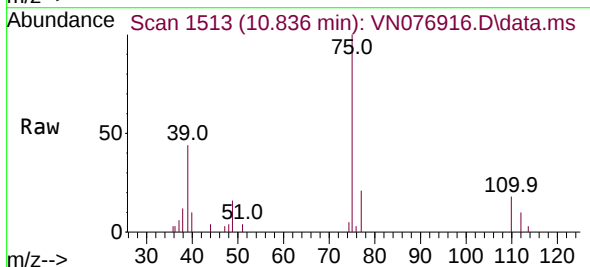
Tgt Ion: 92 Resp: 1439
Ion Ratio Lower Upper
92 100
91 177.3 138.2 207.2

Manual Integrations
APPROVED

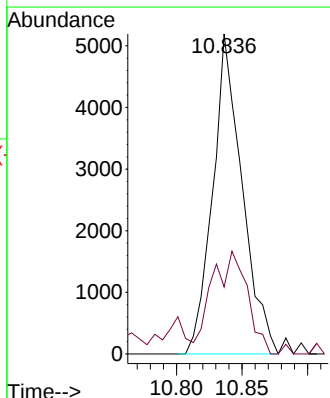
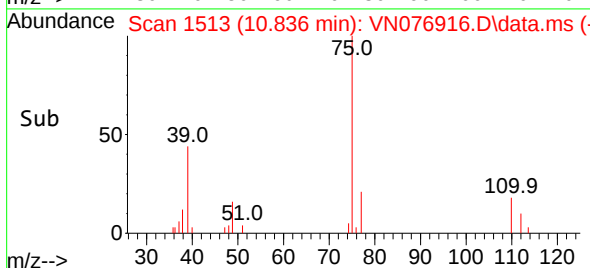
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

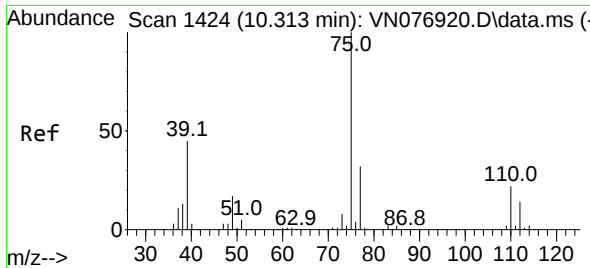


#53
t-1,3-Dichloropropene
Concen: 1.045 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22



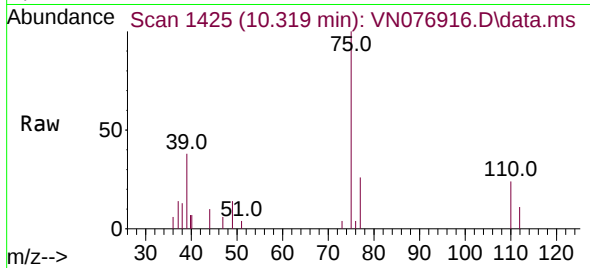
Tgt Ion: 75 Resp: 8094
Ion Ratio Lower Upper
75 100
77 20.9 25.0 37.6#





#54
cis-1,3-Dichloropropene
Concen: 1.062 ug/l
RT: 10.319 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

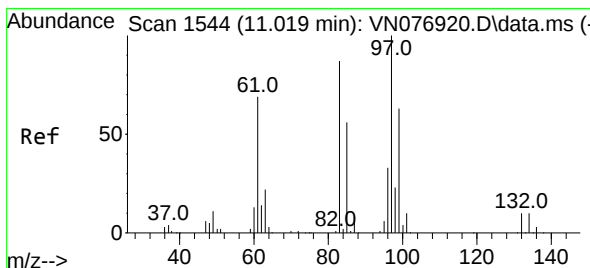
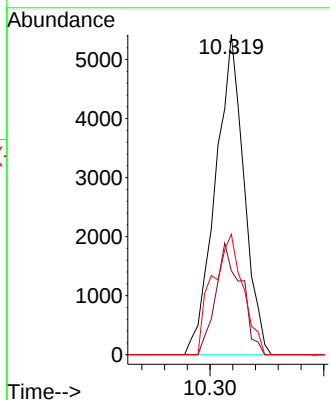
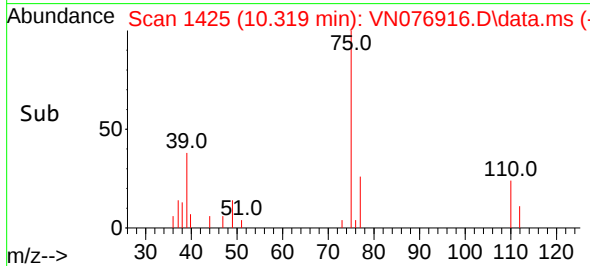
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 9440
Ion Ratio Lower Upper
75 100
77 26.2 25.7 38.5
39 37.7 29.7 44.5

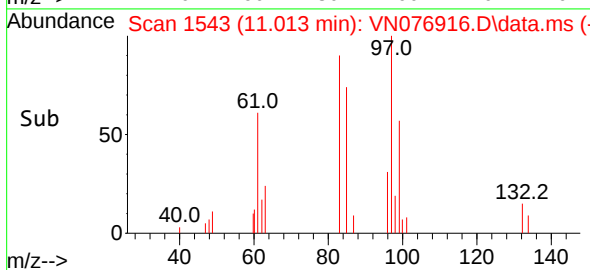
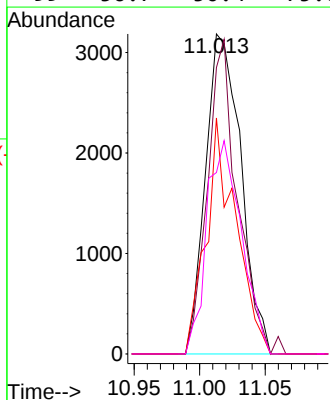
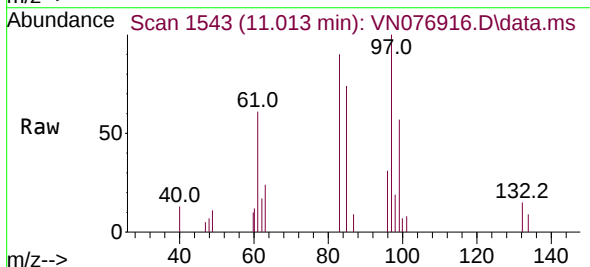
Manual Integrations
APPROVED

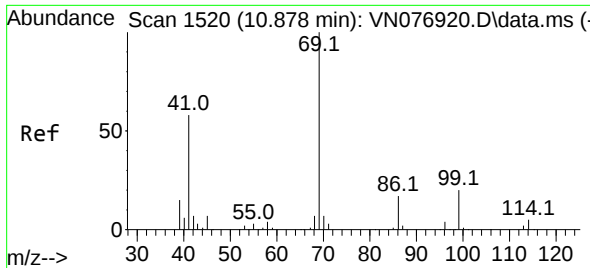
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#55
1,1,2-Trichloroethane
Concen: 1.065 ug/l
RT: 11.013 min Scan# 1543
Delta R.T. -0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Tgt Ion: 97 Resp: 5973
Ion Ratio Lower Upper
97 100
83 89.5 67.1 100.7
85 73.8 41.8 62.8#
99 56.7 50.4 75.6





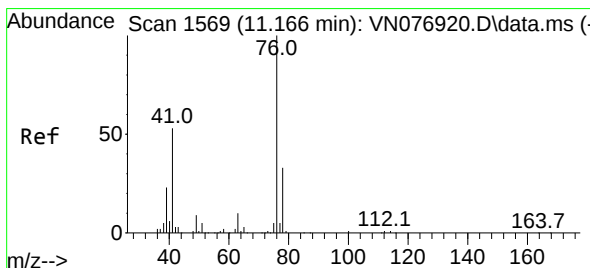
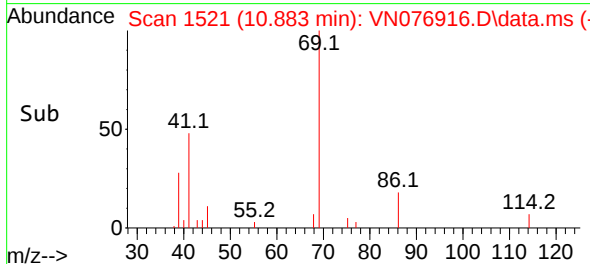
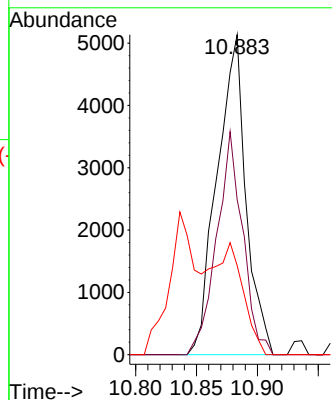
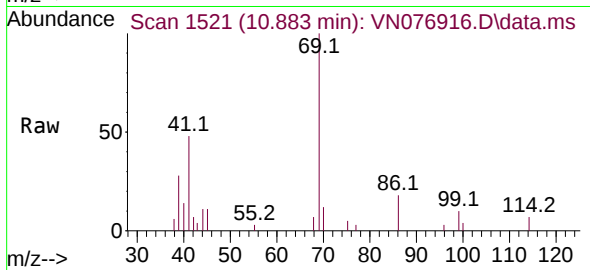
#56
Ethyl methacrylate
Concen: 1.014 ug/l
RT: 10.883 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 847
Ion Ratio Lower Upper
69 100
41 62.7 38.0 57.0
39 0.0 22.4 33.6

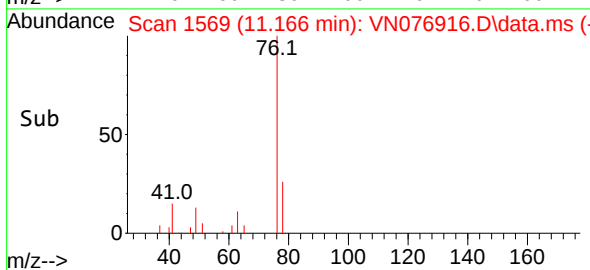
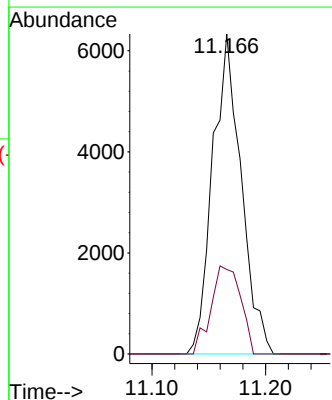
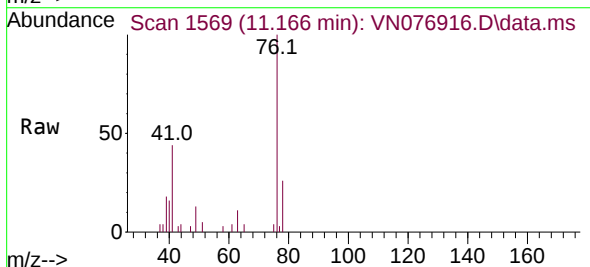
Manual Integrations
APPROVED

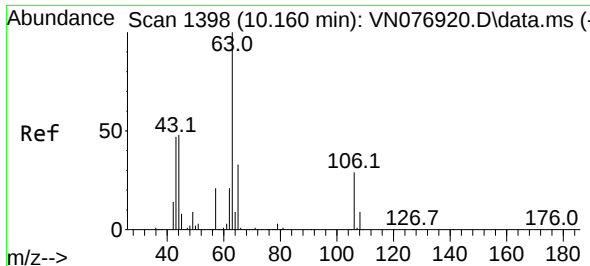
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#57
1,3-Dichloropropane
Concen: 1.133 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Tgt Ion: 76 Resp: 11028
Ion Ratio Lower Upper
76 100
78 28.6 26.1 39.1





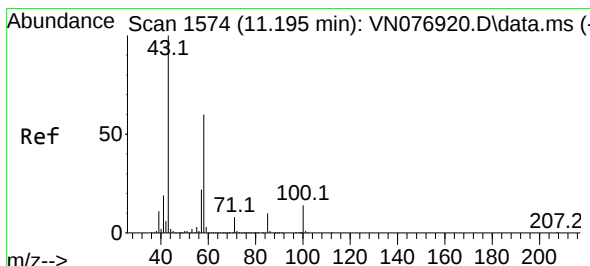
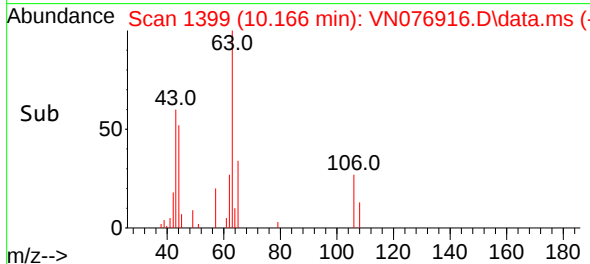
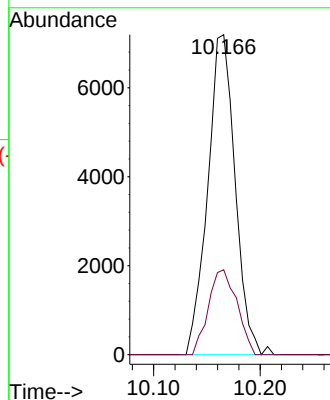
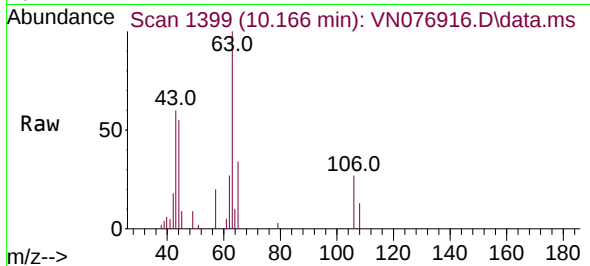
#58
2-Chloroethyl Vinyl ether
Concen: 4.446 ug/l
RT: 10.166 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 1287
Ion Ratio Lower Upper
63 100
106 27.5 25.6 38.4

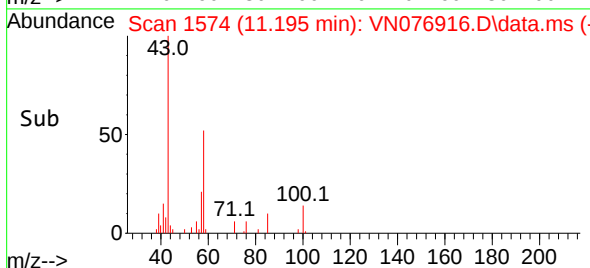
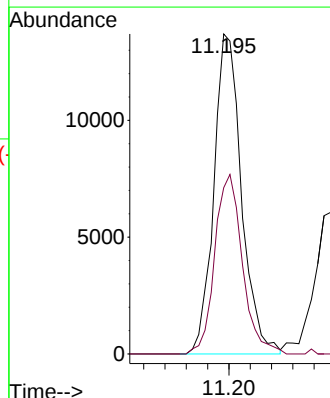
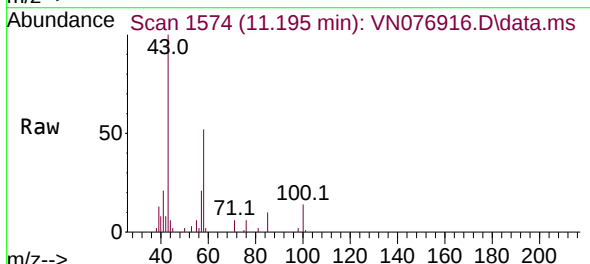
Manual Integrations
APPROVED

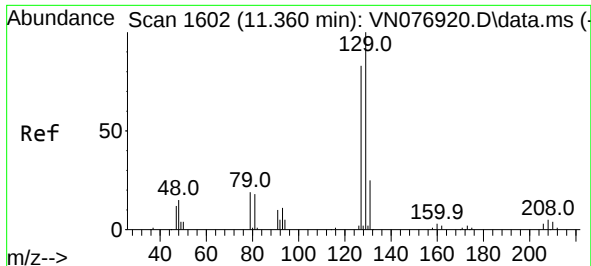
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#59
2-Hexanone
Concen: 4.419 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Tgt Ion: 43 Resp: 24668
Ion Ratio Lower Upper
43 100
58 56.0 32.6 98.0





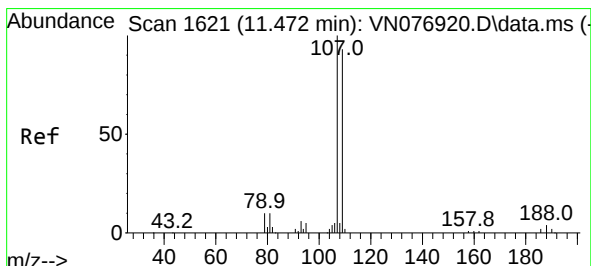
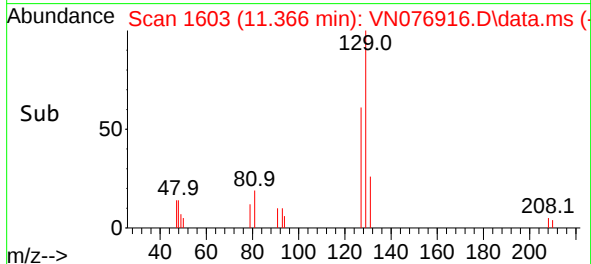
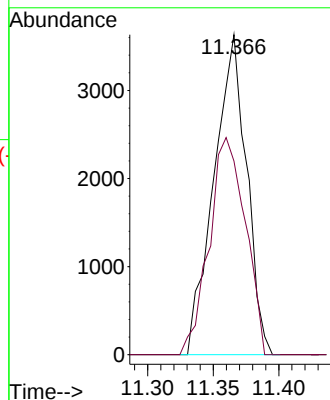
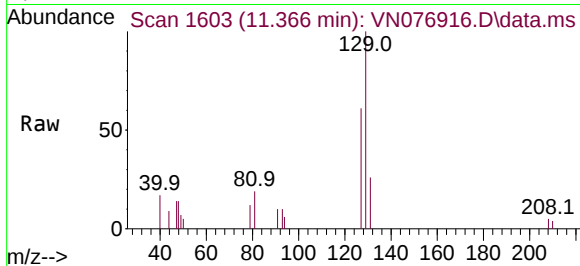
#60
Dibromochloromethane
Concen: 1.139 ug/l
RT: 11.366 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:129 Resp: 629
Ion Ratio Lower Upper
129 100
127 75.2 39.6 118.8

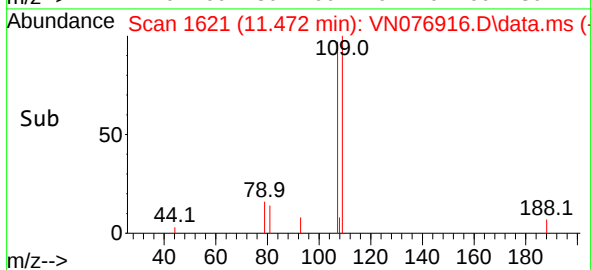
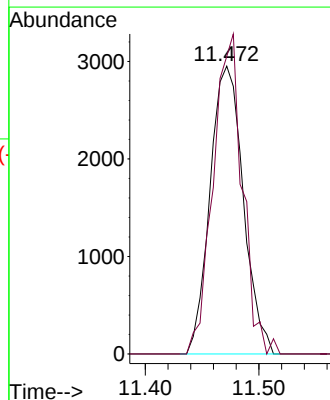
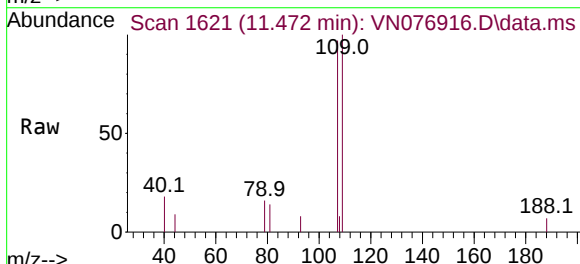
Manual Integrations
APPROVED

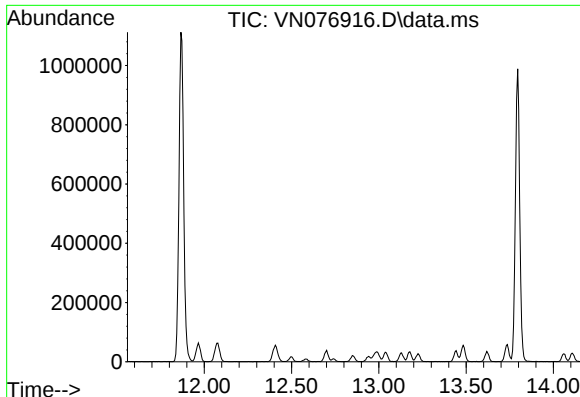
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#61
1,2-Dibromoethane
Concen: 1.115 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Tgt Ion:107 Resp: 6012
Ion Ratio Lower Upper
107 100
109 98.0 75.9 113.9





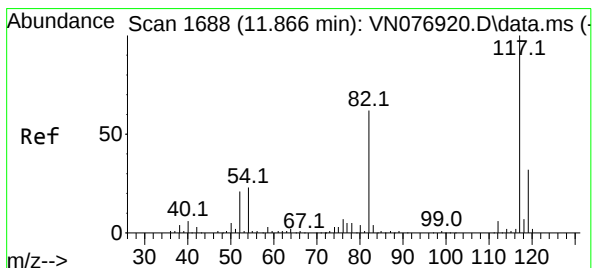
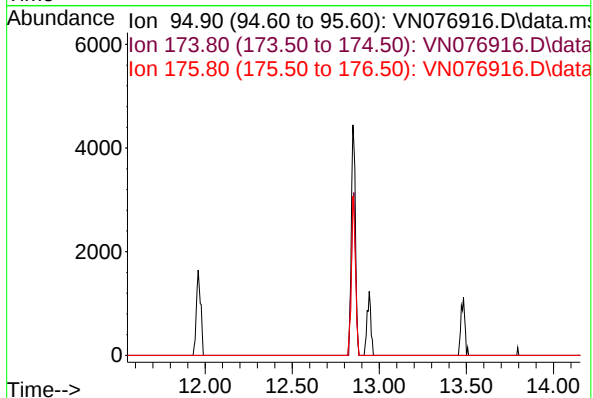
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN076916.D
 Acq: 10 Mar 2023 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 81.2
 176 78.7

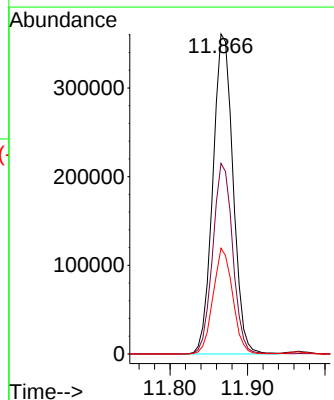
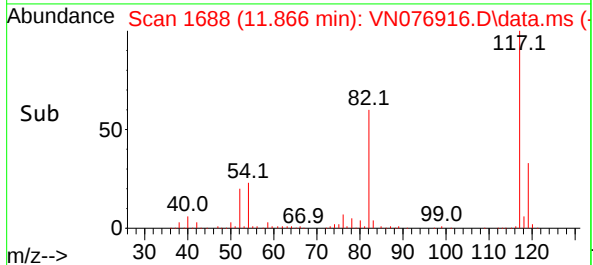
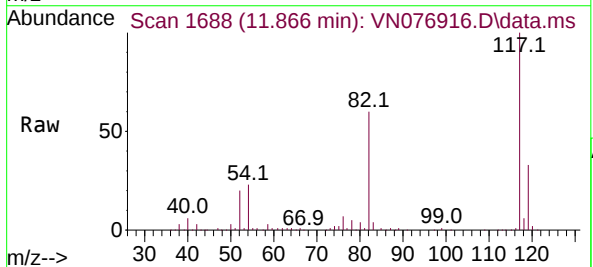
Manual Integrations
 APPROVED

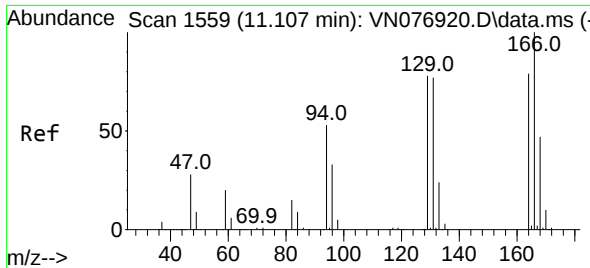
Reviewed By : John Carlone 03/13/2023
 Supervised By : Mahesh Dadoda 03/13/2023



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.866 min Scan# 1688
 Delta R.T. -0.000 min
 Lab File: VN076916.D
 Acq: 10 Mar 2023 11:22

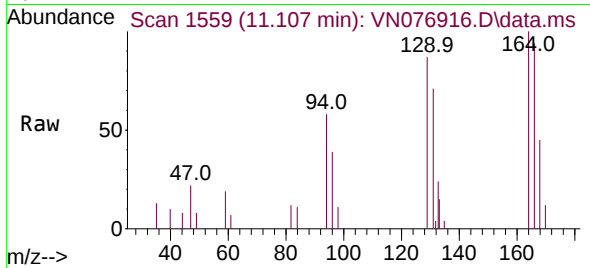
Tgt Ion: 117 Resp: 653079
 Ion Ratio Lower Upper
 117 100
 82 59.5 43.5 65.3
 119 33.0 25.5 38.3





#64
Tetrachloroethene
Concen: 1.245 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

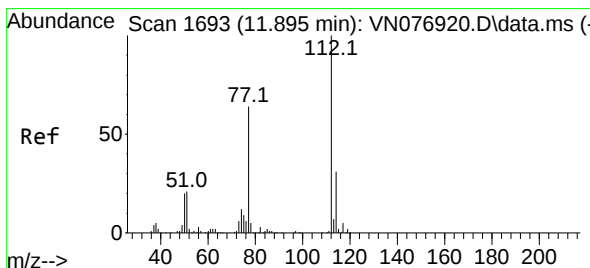
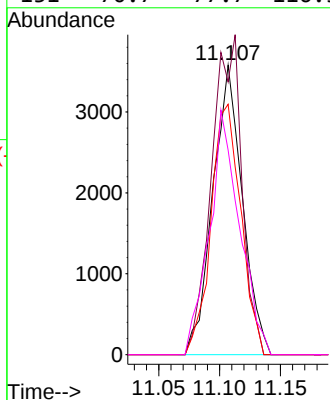
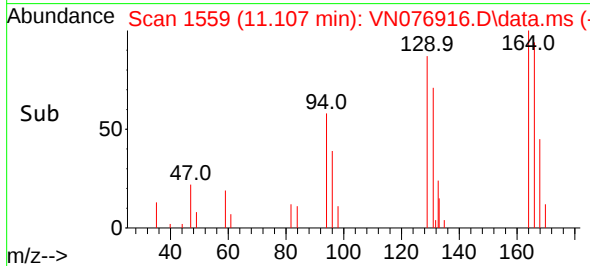
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 6052
Ion Ratio Lower Upper
164 100
166 94.2 102.7 154.1
129 86.5 81.5 122.3
131 70.7 77.7 116.5#

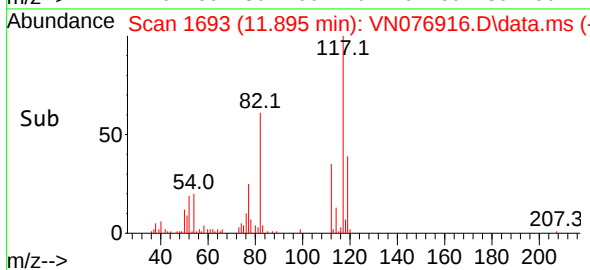
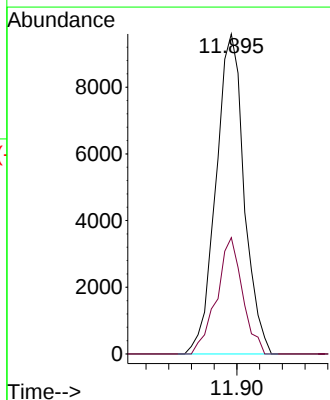
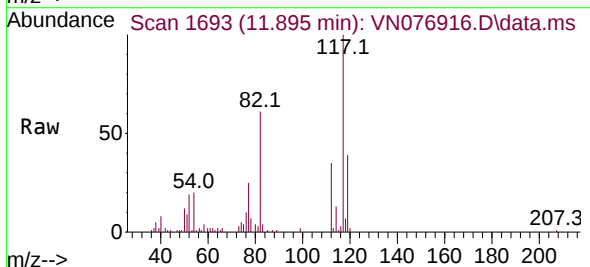
Manual Integrations
APPROVED

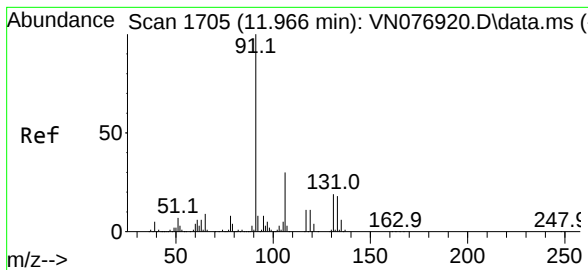
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#65
Chlorobenzene
Concen: 1.170 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

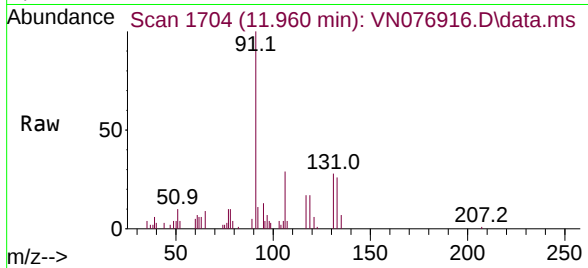
Tgt Ion:112 Resp: 16511
Ion Ratio Lower Upper
112 100
114 36.4 25.8 38.8





#66
1,1,1,2-Tetrachloroethane
Concen: 1.237 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

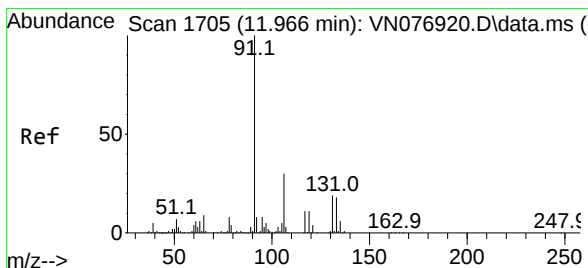
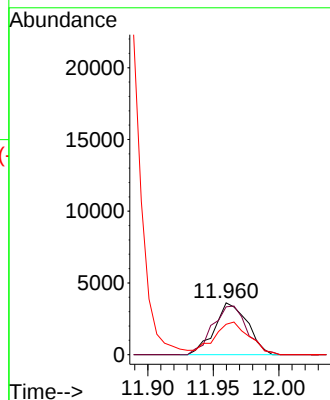
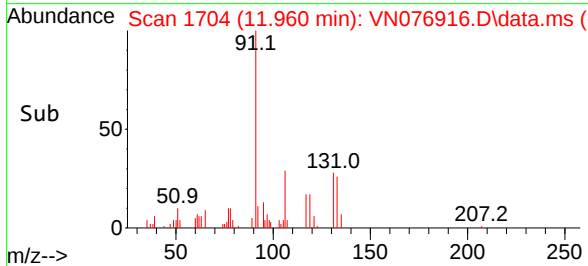
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:131 Resp: 631
Ion Ratio Lower Upper
131 100
133 98.1 47.9 143.8
119 0.0 33.1 99.2

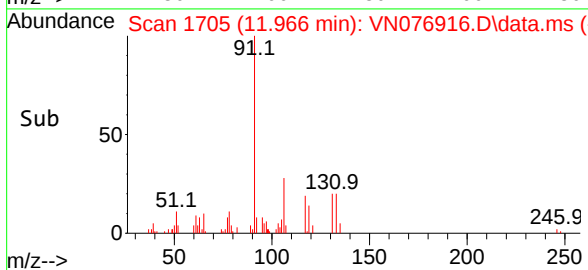
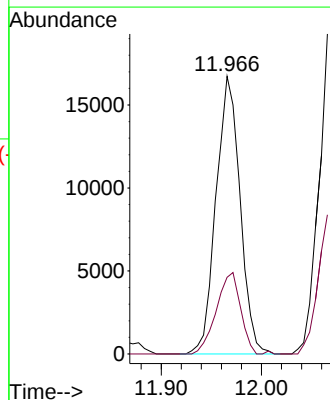
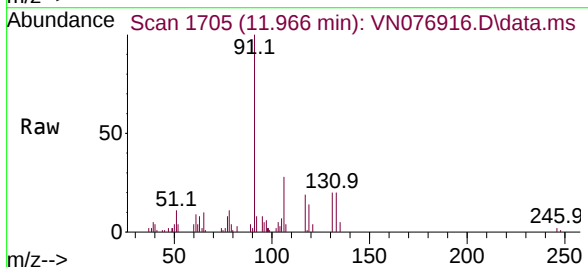
Manual Integrations
APPROVED

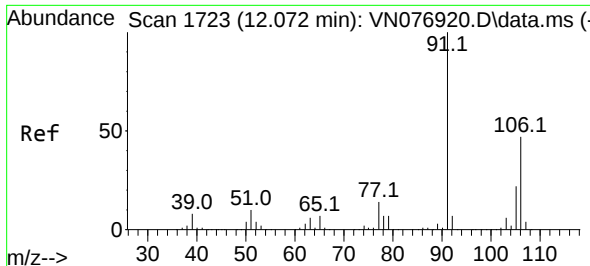
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#67
Ethyl Benzene
Concen: 1.086 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Tgt Ion: 91 Resp: 27832
Ion Ratio Lower Upper
91 100
106 27.6 25.1 37.7





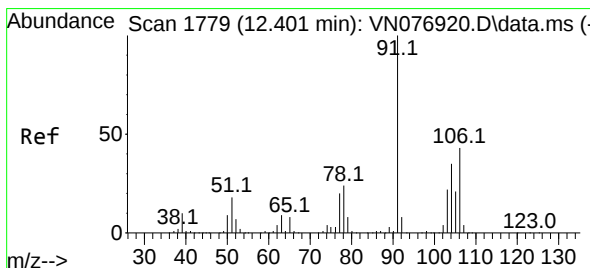
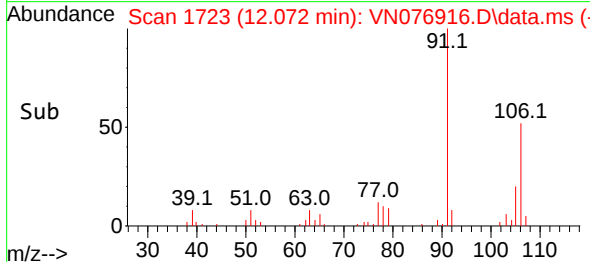
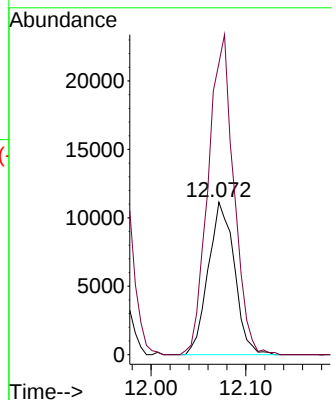
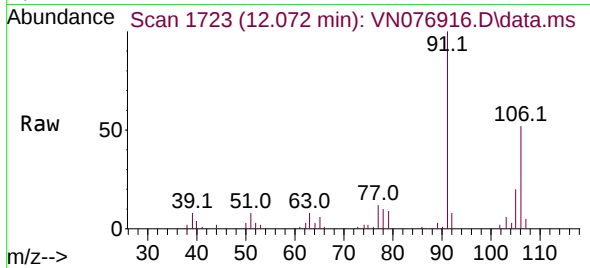
#68
m/p-Xylenes
Concen: 2.220 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 2140
Ion Ratio Lower Upper
106 100
91 205.3 158.0 237.0

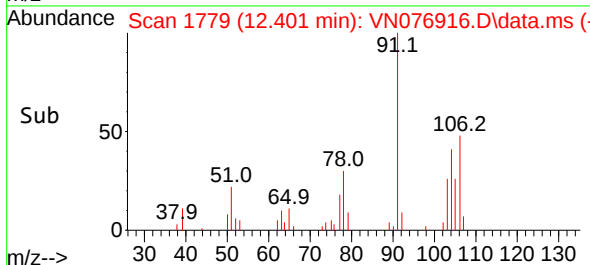
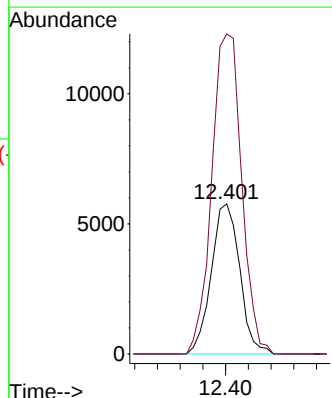
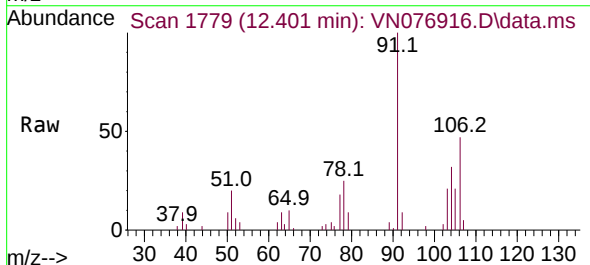
Manual Integrations
APPROVED

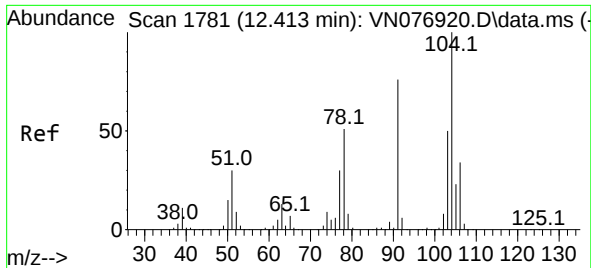
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#69
o-Xylene
Concen: 1.056 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

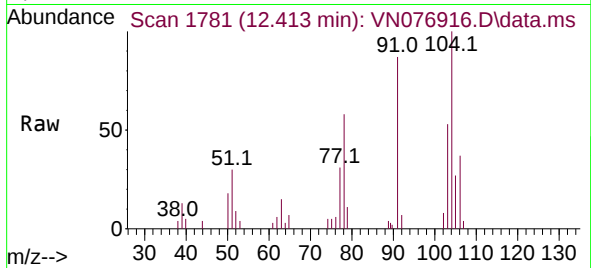
Tgt Ion:106 Resp: 10029
Ion Ratio Lower Upper
106 100
91 224.1 101.8 305.4





#70
Styrene
Concen: 1.007 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

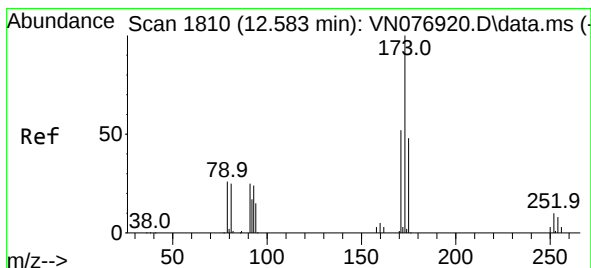
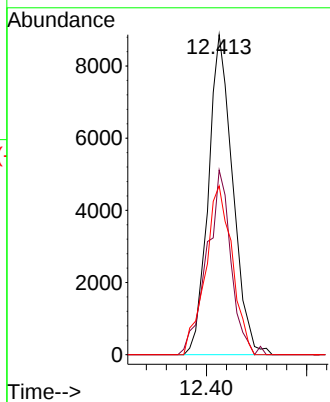
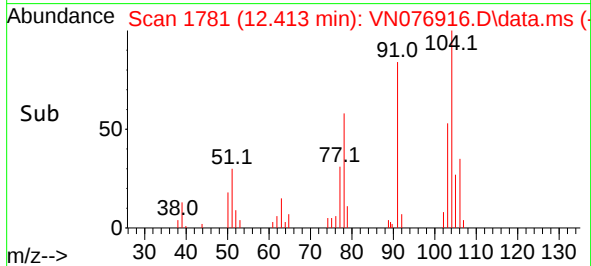
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



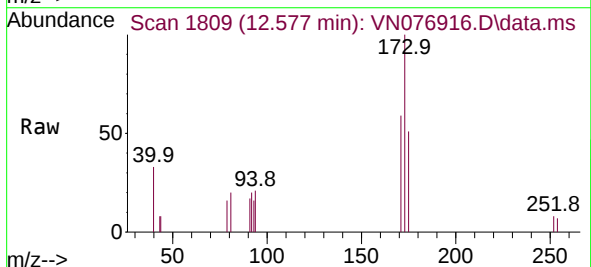
Tgt Ion:104 Resp: 1499
Ion Ratio Lower Upper
104 100
78 57.2 36.6 55.0
103 57.8 43.4 65.0

Manual Integrations
APPROVED

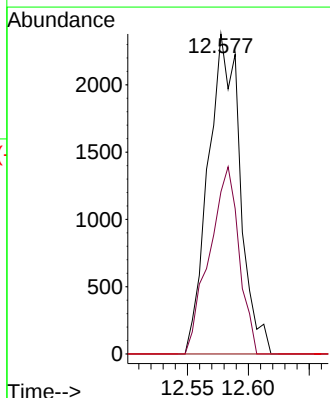
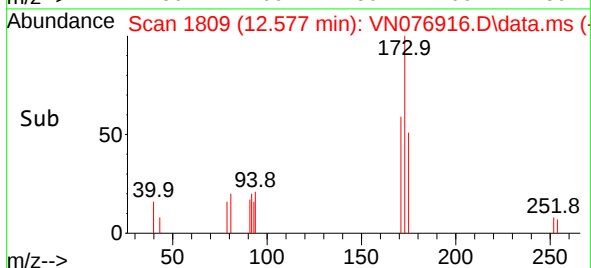
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

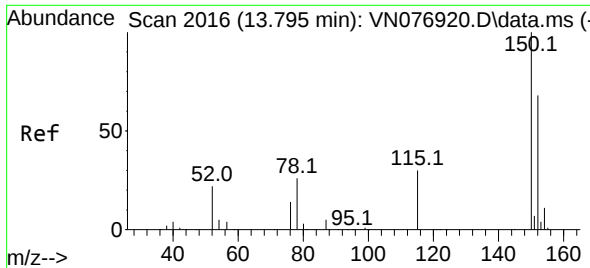


#71
Bromoform
Concen: 1.245 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22



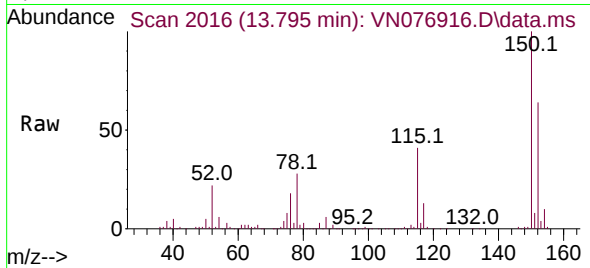
Tgt Ion:173 Resp: 4326
Ion Ratio Lower Upper
173 100
175 54.4 24.9 74.6
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

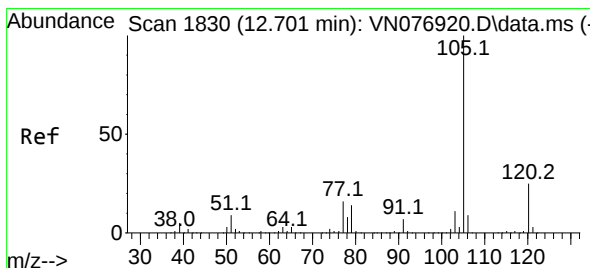
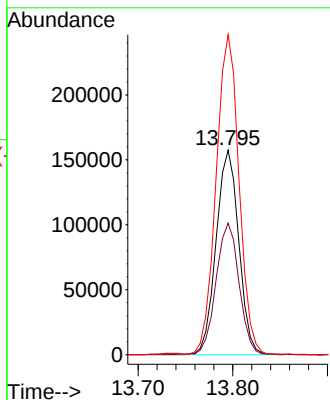
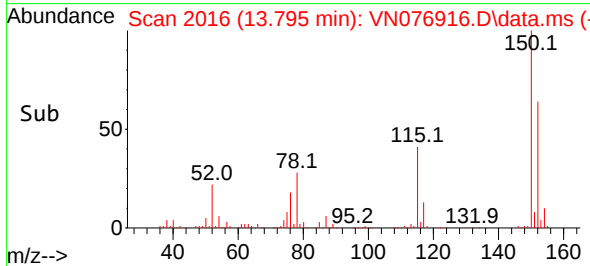
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



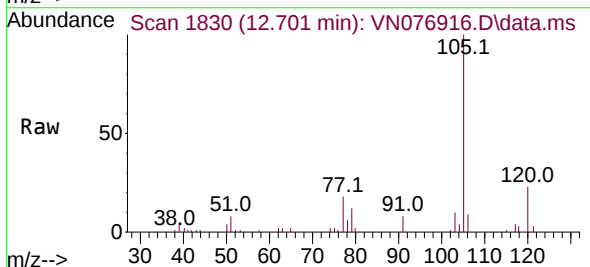
Tgt Ion:152 Resp: 261240
Ion Ratio Lower Upper
152 100
115 65.6 30.3 90.9
150 158.8 0.0 353.6

Manual Integrations
APPROVED

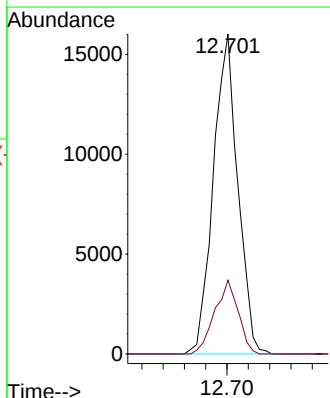
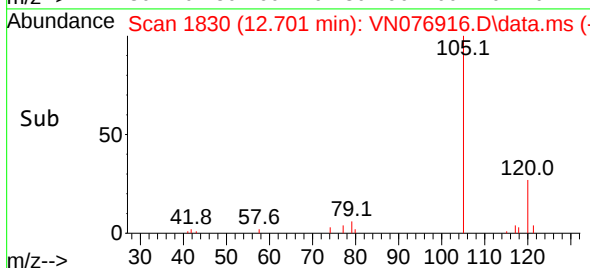
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

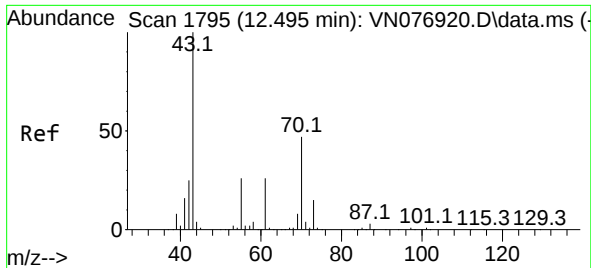


#73
Isopropylbenzene
Concen: 1.121 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22



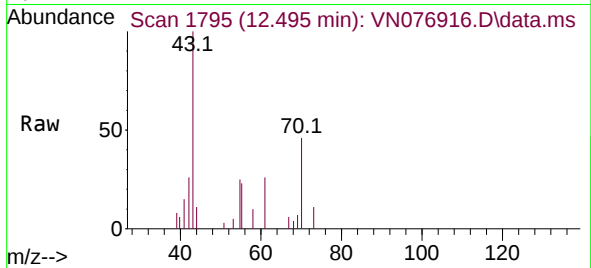
Tgt Ion:105 Resp: 25534
Ion Ratio Lower Upper
105 100
120 22.2 13.8 41.4





#74
N-amy1 acetate
Concen: 0.919 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

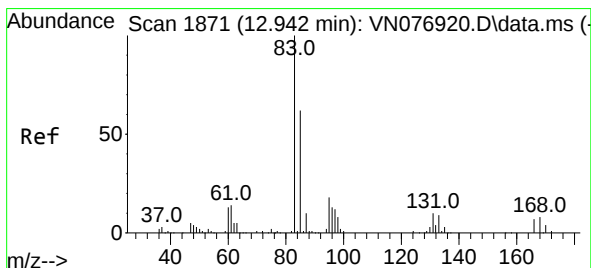
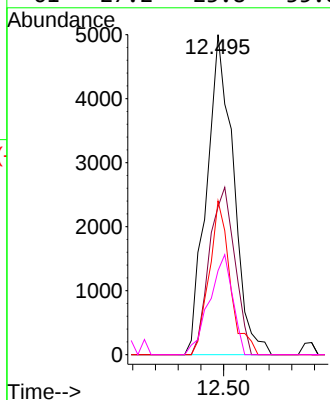
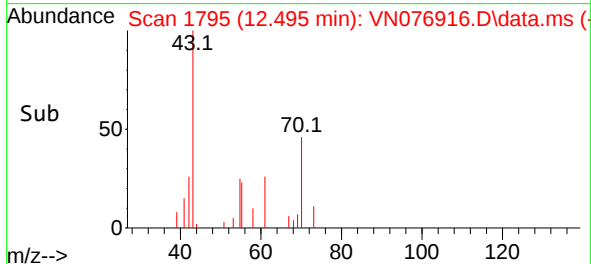
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43	Resp: 818
Ion Ratio	Lower Upper
43 100	
70 49.6	46.8 70.2
55 37.6	23.4 35.2
61 27.2	23.8 35.8

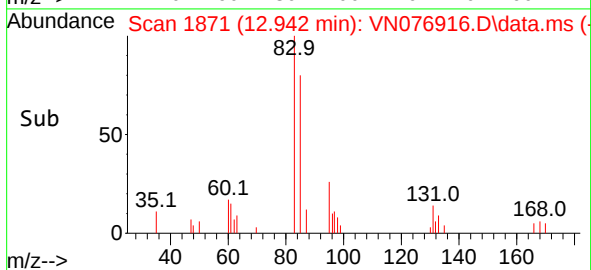
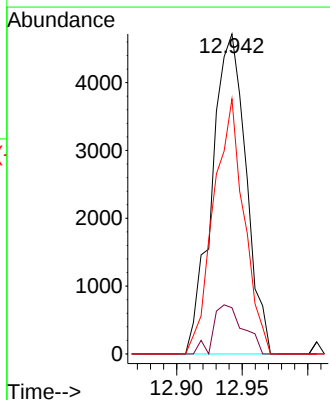
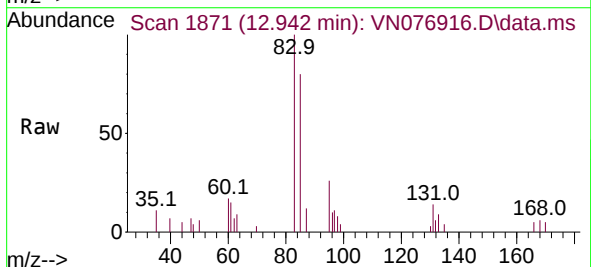
Manual Integrations
APPROVED

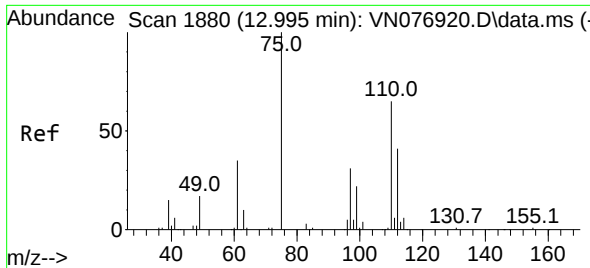
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 1.171 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Tgt Ion: 83	Resp: 8548
Ion Ratio	Lower Upper
83 100	
131 13.5	5.3 16.1
85 71.2	32.0 96.0





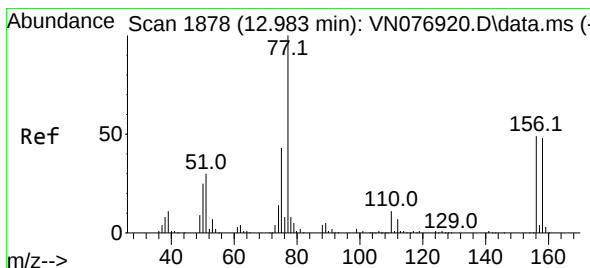
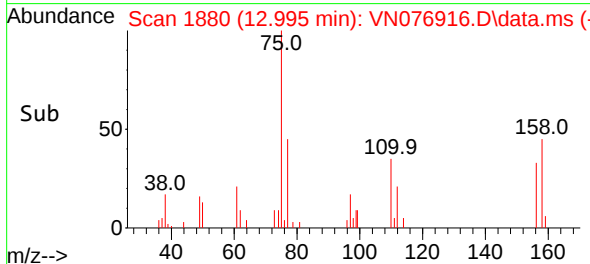
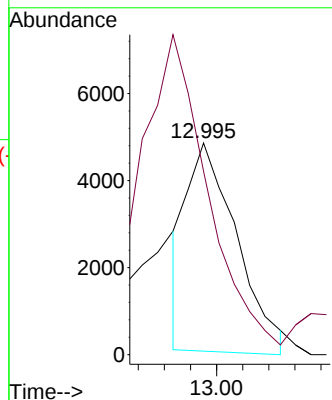
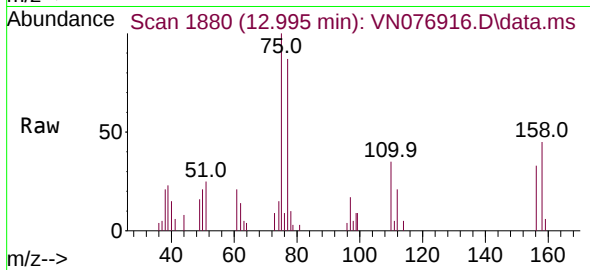
#76
1,2,3-Trichloropropane
Concen: 0.974 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 6419
Ion Ratio Lower Upper
75 100
77 212.9 93.8 281.4

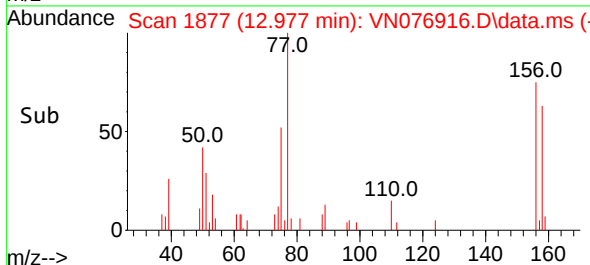
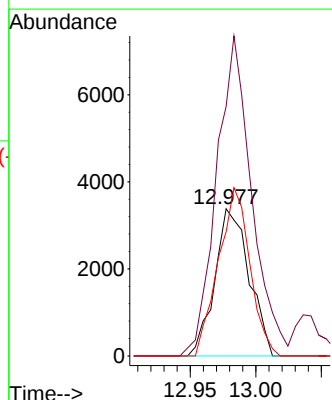
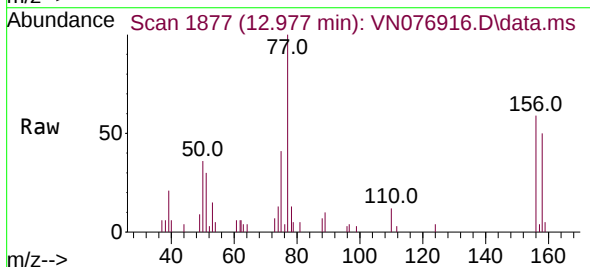
Manual Integrations
APPROVED

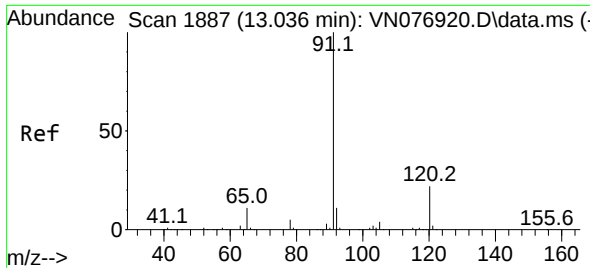
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#77
Bromobenzene
Concen: 1.220 ug/l
RT: 12.977 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Tgt Ion:156 Resp: 6147
Ion Ratio Lower Upper
156 100
77 222.4 101.3 303.7
158 105.1 48.9 146.7





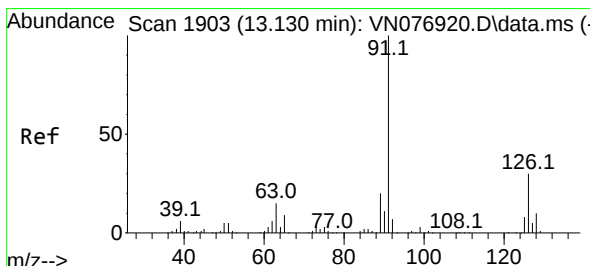
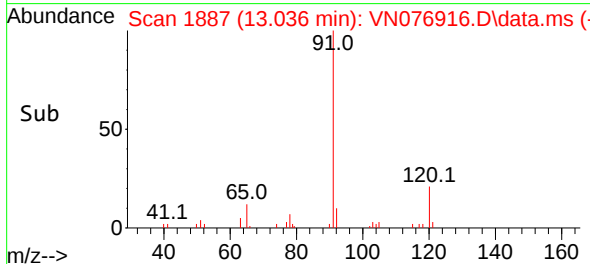
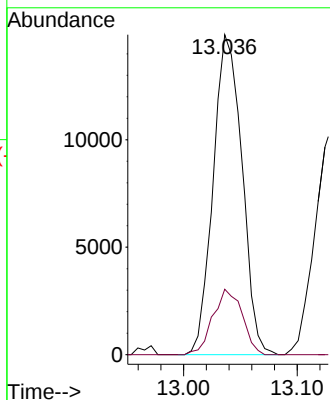
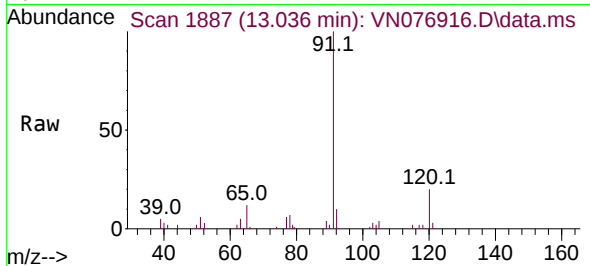
#78
n-propylbenzene
Concen: 1.013 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 26294
Ion Ratio Lower Upper
91 100
120 20.7 11.9 35.7

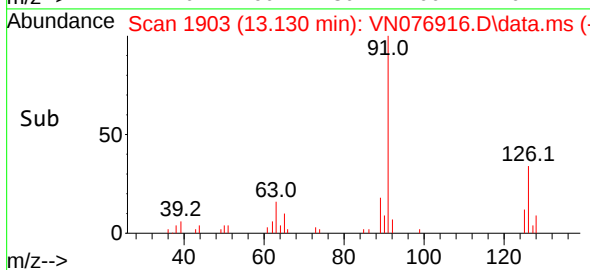
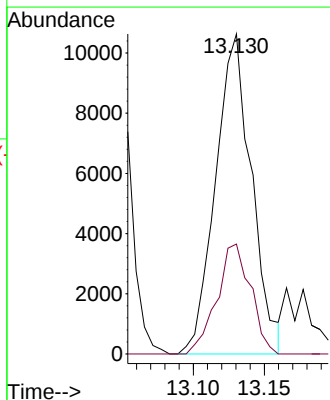
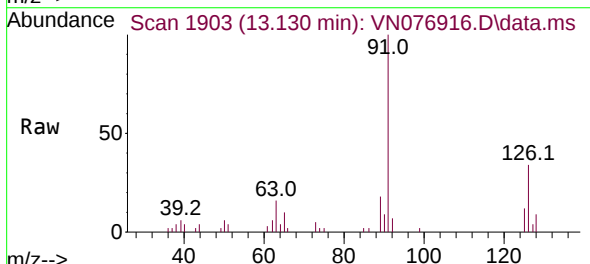
Manual Integrations
APPROVED

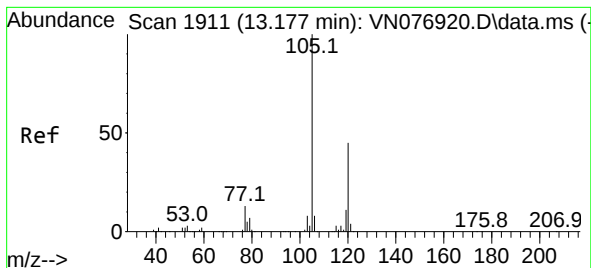
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#79
2-Chlorotoluene
Concen: 1.124 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Tgt Ion: 91 Resp: 18731
Ion Ratio Lower Upper
91 100
126 32.3 17.7 53.1





#80

1,3,5-Trimethylbenzene

Concen: 0.991 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN076916.D

Acq: 10 Mar 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 18910

Ion Ratio Lower Upper

105 100

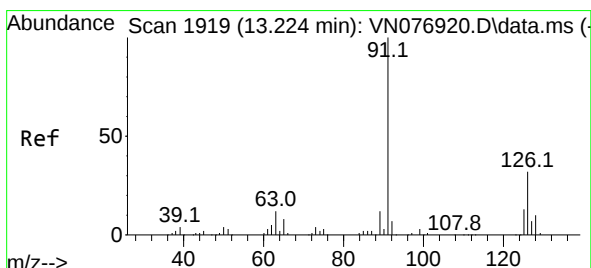
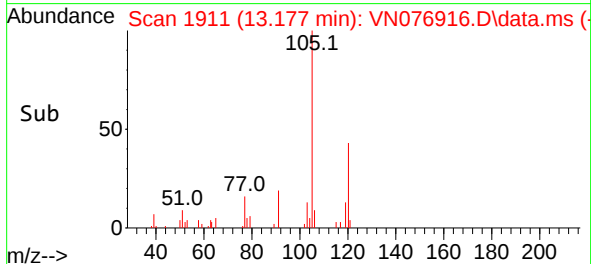
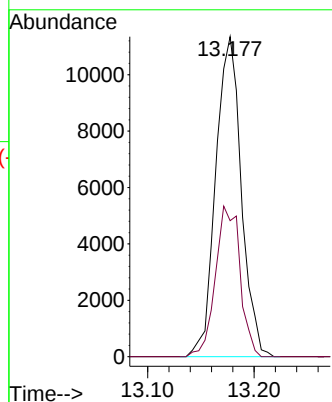
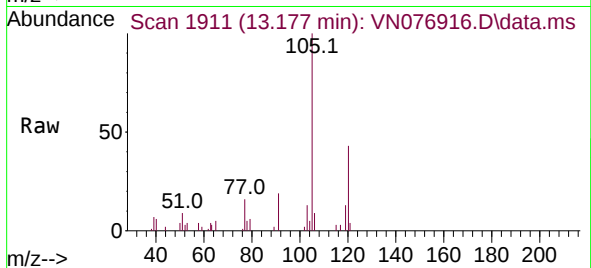
120 45.2 25.2 75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#82

4-Chlorotoluene

Concen: 1.003 ug/l

RT: 13.224 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VN076916.D

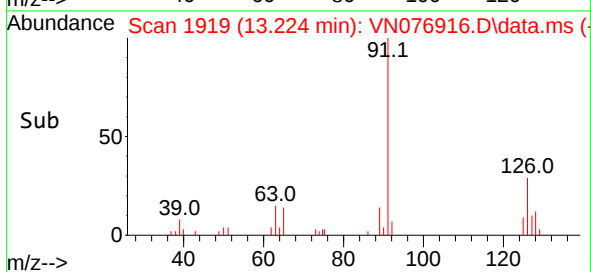
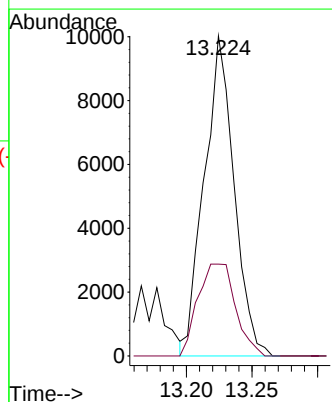
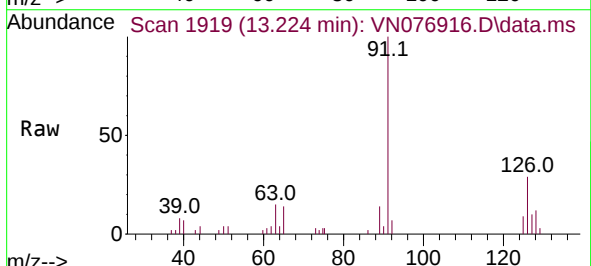
Acq: 10 Mar 2023 11:22

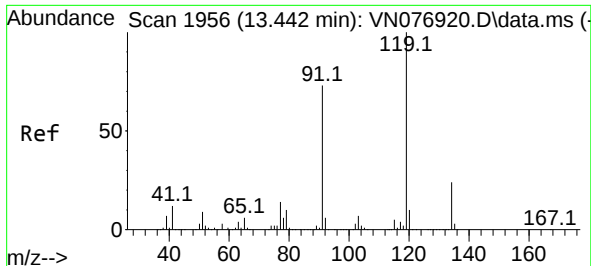
Tgt Ion: 91 Resp: 15840

Ion Ratio Lower Upper

91 100

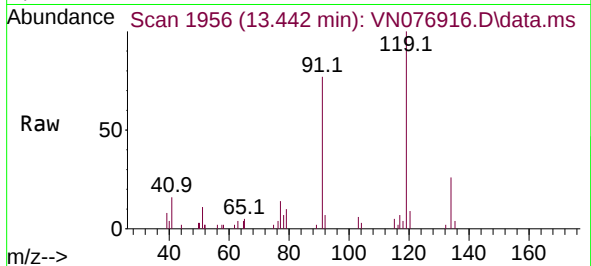
126 36.2 18.0 54.0





#83
tert-Butylbenzene
Concen: 1.035 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

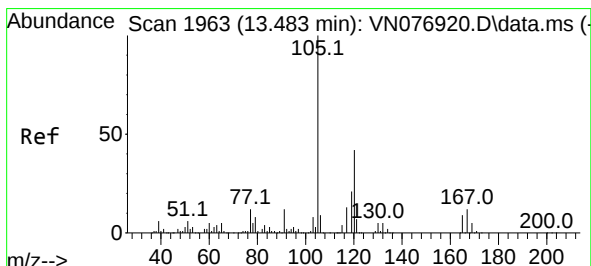
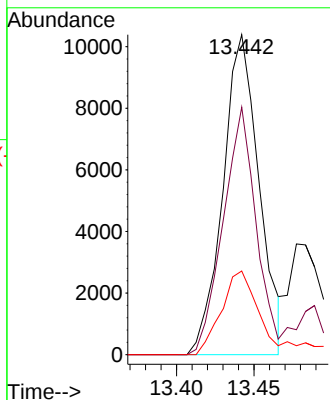
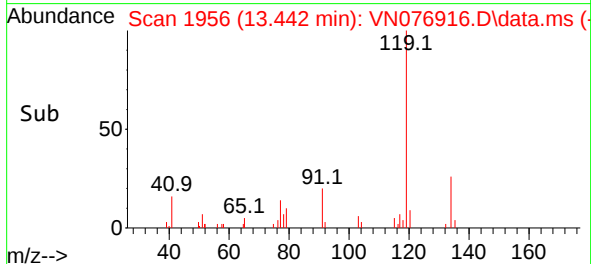
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



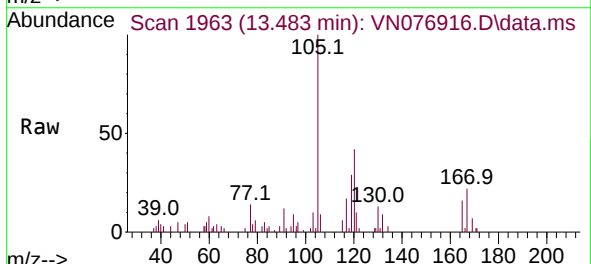
Tgt Ion:119 Resp: 1687
Ion Ratio Lower Upper
119 100
91 73.9 31.9 95.5
134 30.0 13.8 41.4

Manual Integrations
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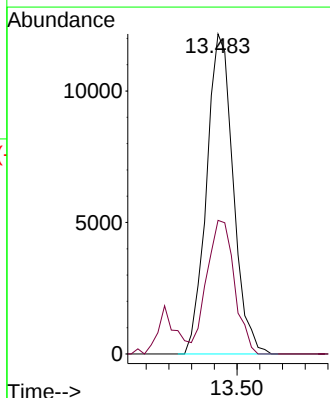
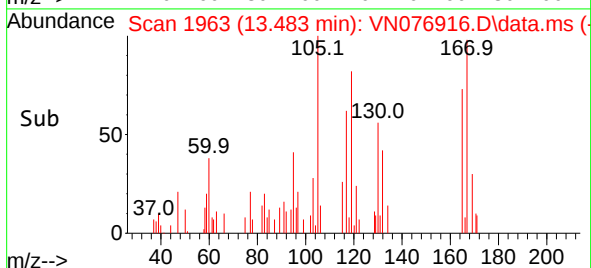
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

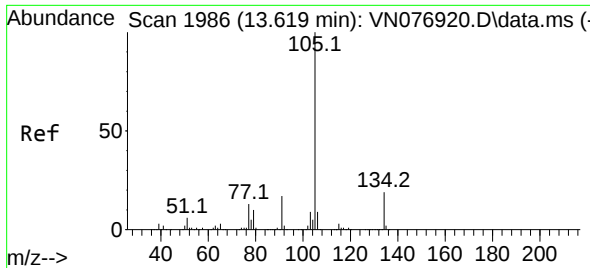


#84
1,2,4-Trimethylbenzene
Concen: 1.052 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22



Tgt Ion:105 Resp: 19806
Ion Ratio Lower Upper
105 100
120 43.1 23.6 70.8





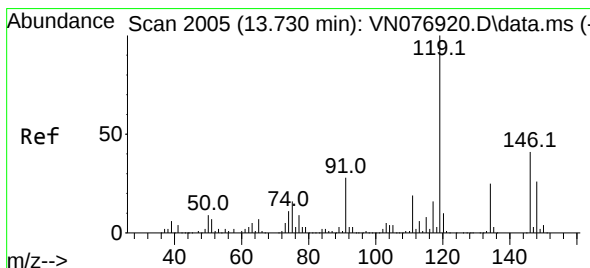
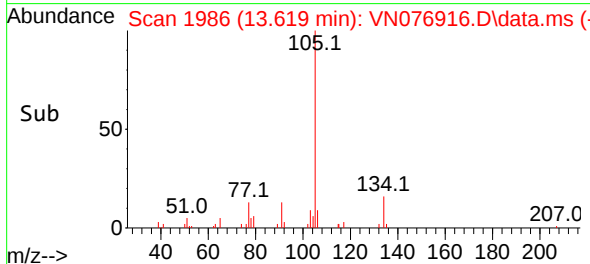
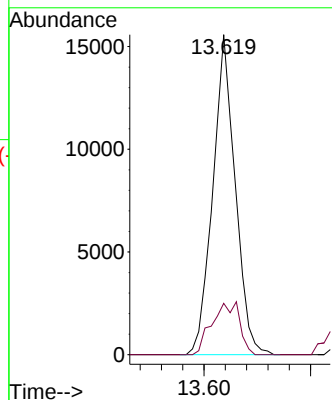
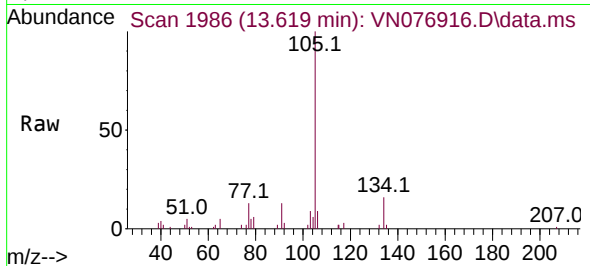
#85
 sec-Butylbenzene
 Concen: 0.998 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN076916.D
 Acq: 10 Mar 2023 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 22714
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.2

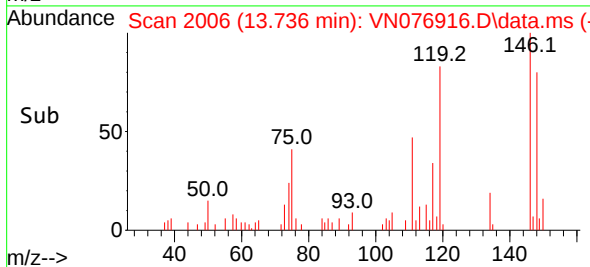
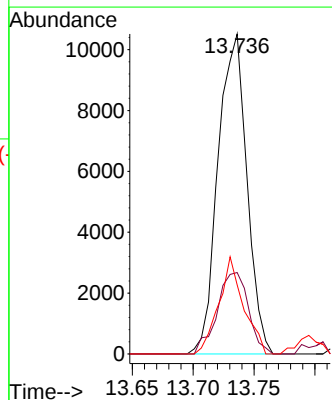
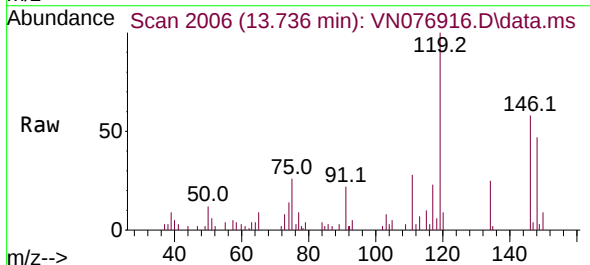
Manual Integrations
 APPROVED

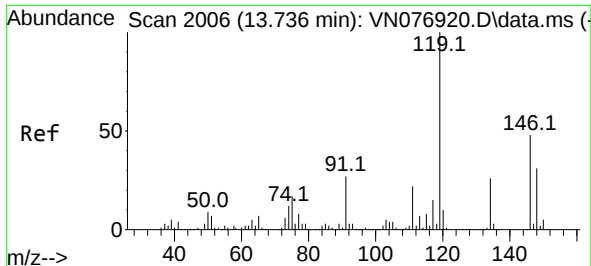
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#86
 p-Isopropyltoluene
 Concen: 0.950 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN076916.D
 Acq: 10 Mar 2023 11:22

Tgt Ion:119 Resp: 17310
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.5 40.5
 91 26.1 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 1.201 ug/l

RT: 13.730 min Scan# 2006

Delta R.T. -0.006 min

Lab File: VN076916.D

Acq: 10 Mar 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:146 Resp: 11048

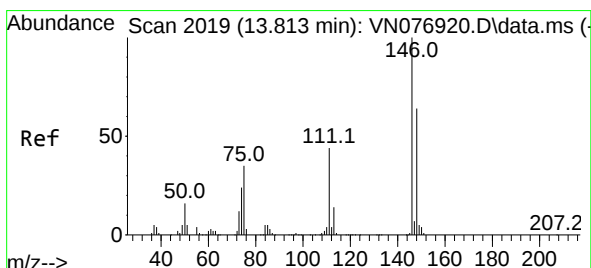
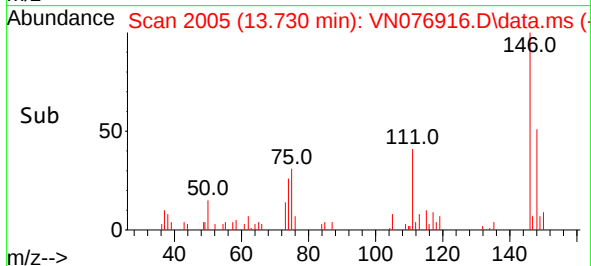
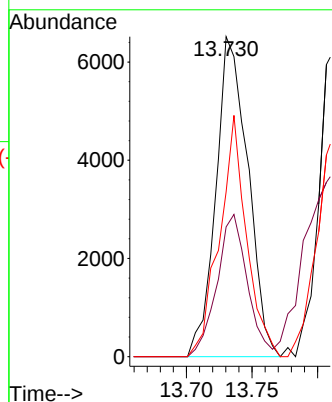
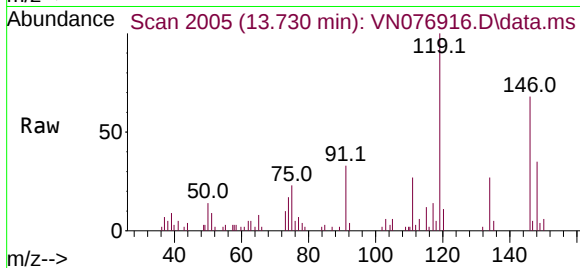
Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.4	61.2
148	63.9	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#88

1,4-Dichlorobenzene

Concen: 1.242 ug/l m

RT: 13.813 min Scan# 2019

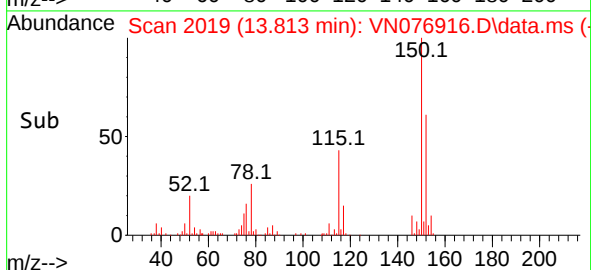
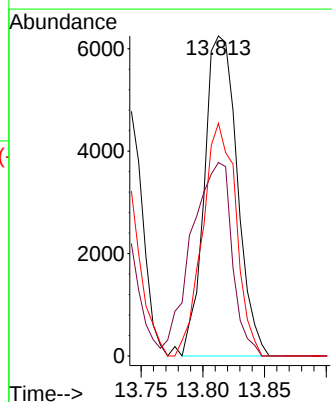
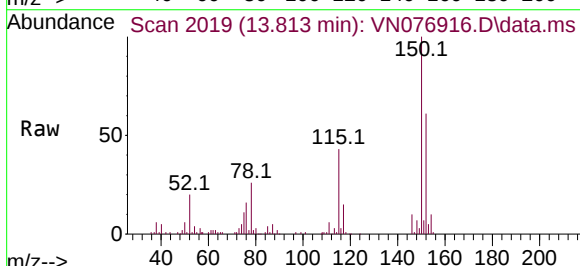
Delta R.T. -0.000 min

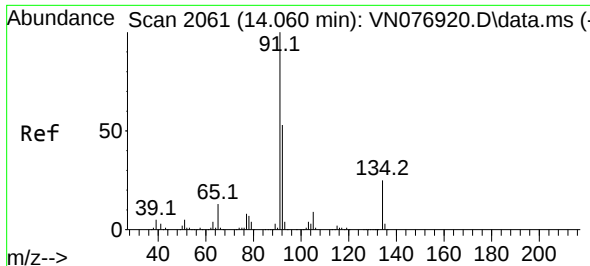
Lab File: VN076916.D

Acq: 10 Mar 2023 11:22

Tgt Ion:146 Resp: 11607

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	60.0
148	60.8	31.8	95.4





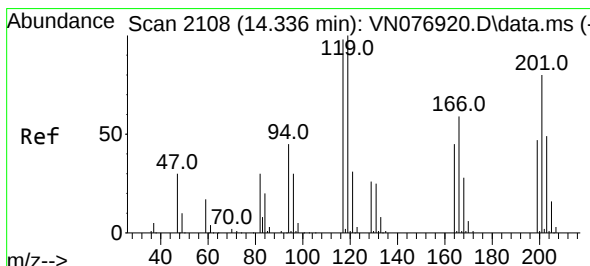
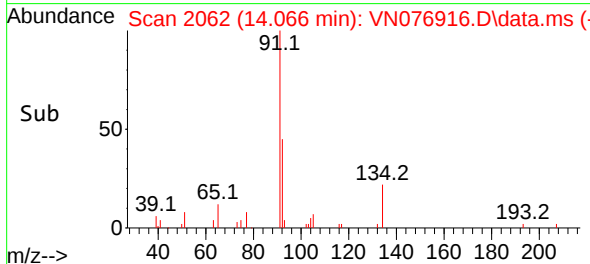
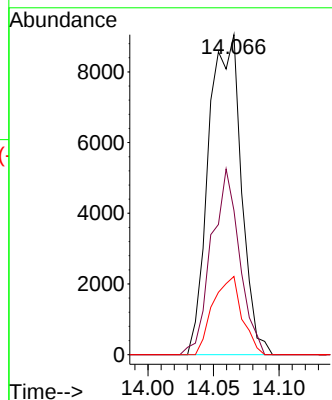
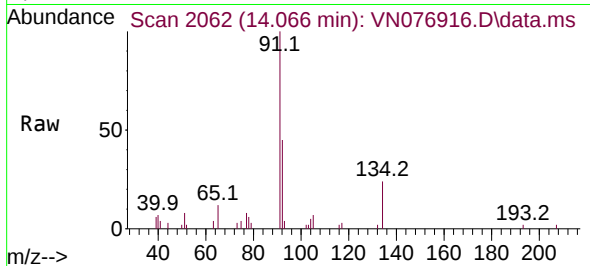
#89
n-Butylbenzene
Concen: 0.994 ug/l
RT: 14.066 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 1564
Ion Ratio Lower Upper
91 100
92 49.9 26.6 79.7
134 21.8 13.6 40.7

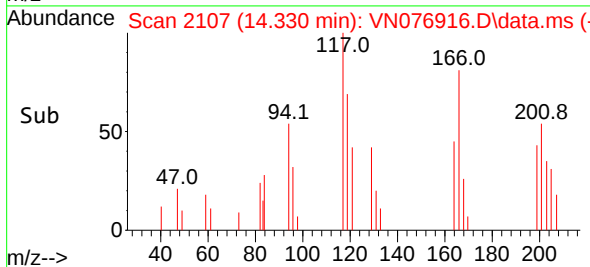
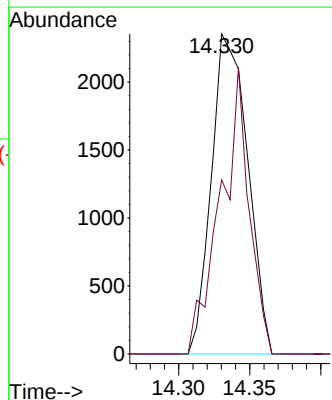
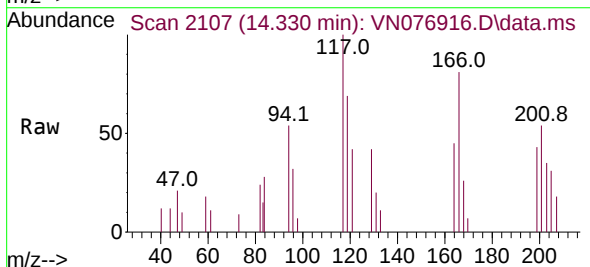
Manual Integrations
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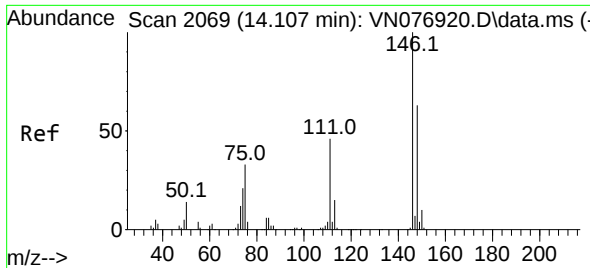
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#90
Hexachloroethane
Concen: 1.269 ug/l
RT: 14.330 min Scan# 2107
Delta R.T. -0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Tgt Ion:117 Resp: 4176
Ion Ratio Lower Upper
117 100
201 70.6 31.9 95.7





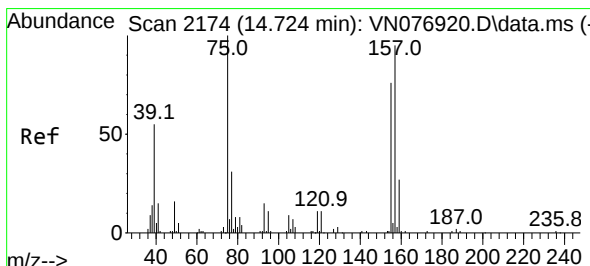
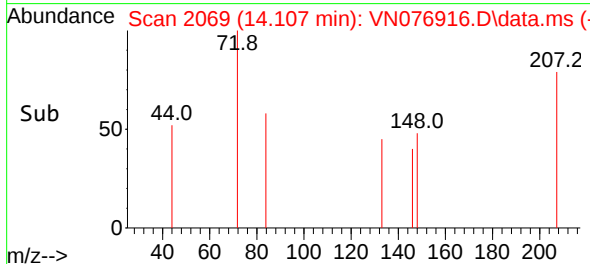
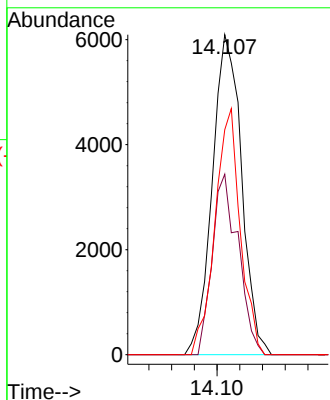
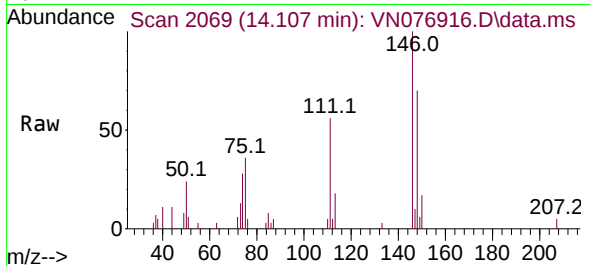
#91
1,2-Dichlorobenzene
Concen: 1.167 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 10874
Ion Ratio Lower Upper
146 100
111 50.0 21.4 64.2
148 66.6 32.0 96.0

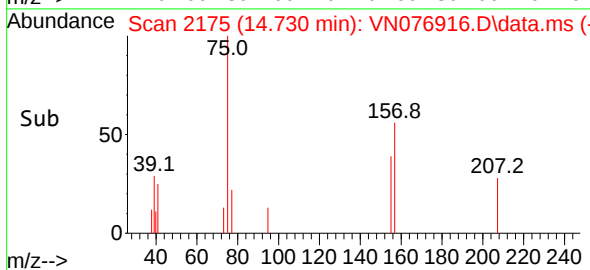
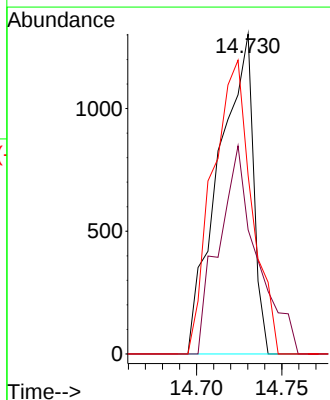
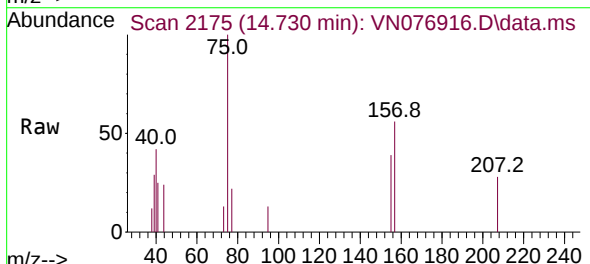
Manual Integrations
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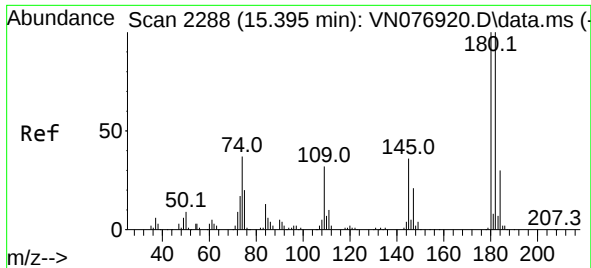
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.330 ug/l
RT: 14.730 min Scan# 2175
Delta R.T. 0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

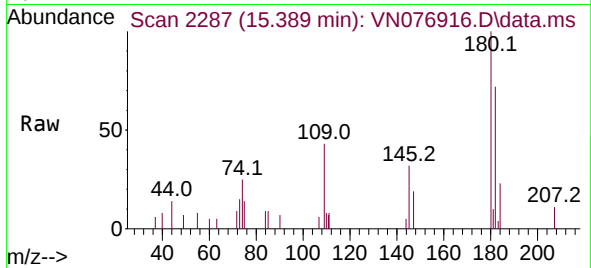
Tgt Ion: 75 Resp: 1839
Ion Ratio Lower Upper
75 100
155 71.8 44.3 132.8
157 104.0 58.3 174.8





#93
1,2,4-Trichlorobenzene
Concen: 1.406 ug/l
RT: 15.389 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

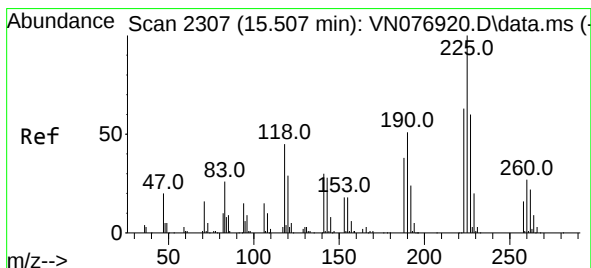
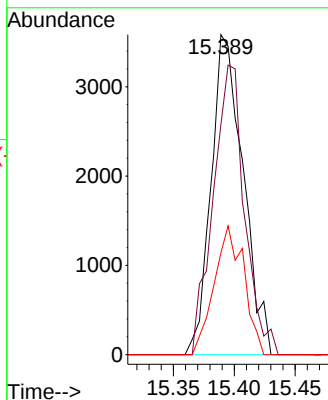
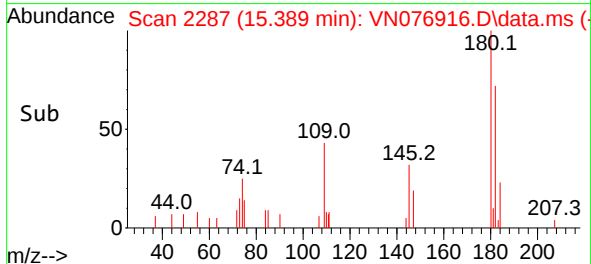
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



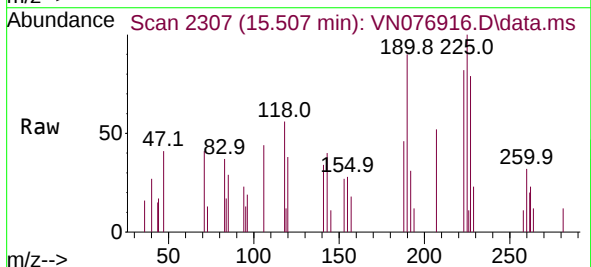
Tgt Ion:180 Resp: 6558
Ion Ratio Lower Upper
180 100
182 88.8 47.4 142.2
145 37.3 15.8 47.3

Manual Integrations
APPROVED

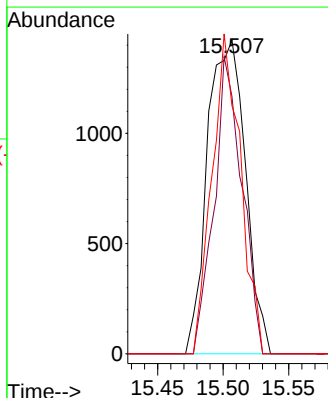
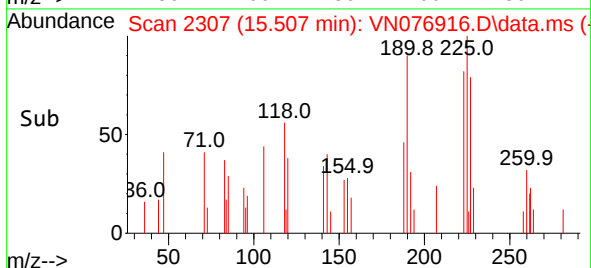
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

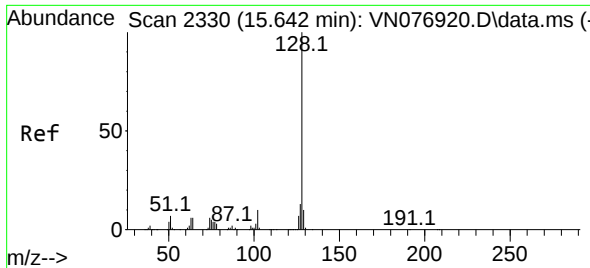


#94
Hexachlorobutadiene
Concen: 1.179 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22



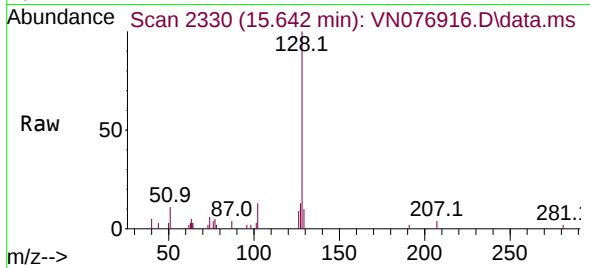
Tgt Ion:225 Resp: 2863
Ion Ratio Lower Upper
225 100
223 69.9 31.4 94.0
227 76.8 30.9 92.7





#95
Naphthalene
Concen: 1.149 ug/l
RT: 15.642 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22

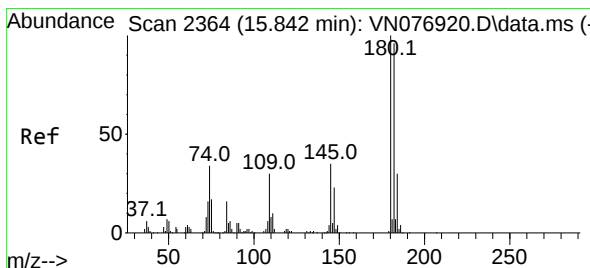
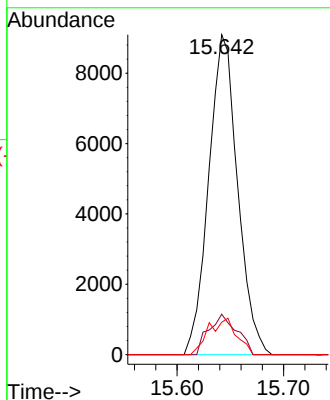
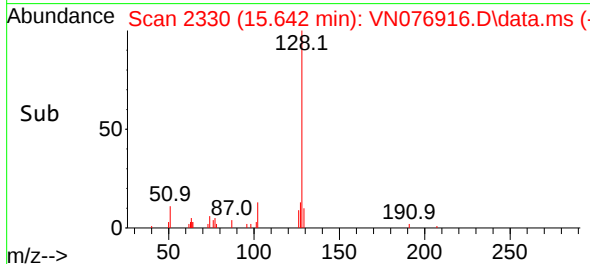
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



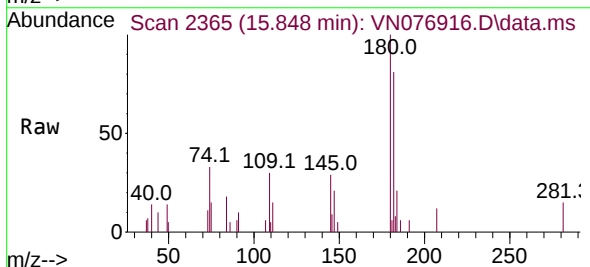
Tgt Ion:128 Resp: 17158
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 11.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 1.281 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN076916.D
Acq: 10 Mar 2023 11:22



Tgt Ion:180 Resp: 5871
Ion Ratio Lower Upper
180 100
182 96.6 47.7 143.1
145 35.6 17.0 51.0

