

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040411.D
 Acq On : 22 Feb 2024 21:33
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 23 06:30:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:27:42 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	81717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	142762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	6920	5.200	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	10.400%#
35) Dibromofluoromethane	5.385	113	4750	4.937	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	9.880%#
50) Toluene-d8	8.647	98	16822	4.841	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	9.680%#
62) 4-Bromofluorobenzene	11.079	95	7123	5.115	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	10.240%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	4887	4.961	ug/l	99
3) Chloromethane	1.301	50	5493	4.933	ug/l	99
4) Vinyl Chloride	1.374	62	5575	5.020	ug/l	93
5) Bromomethane	1.599	94	3673	5.622	ug/l	90
6) Chloroethane	1.679	64	3463	5.174	ug/l	94
7) Trichlorofluoromethane	1.886	101	8982	5.069	ug/l	99
8) Diethyl Ether	2.130	74	3053	4.823	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	4883	5.215	ug/l	99
10) Methyl Iodide	2.447	142	4472	4.105	ug/l	98
11) Tert butyl alcohol	2.959	59	6238	24.249	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	4716	5.222	ug/l	88
13) Acrolein	2.233	56	7757	25.203	ug/l	97
14) Allyl chloride	2.666	41	8380	5.025	ug/l	98
15) Acrylonitrile	3.062	53	15179	25.167	ug/l	98
16) Acetone	2.380	43	14707	26.522	ug/l	93
17) Carbon Disulfide	2.508	76	11704	4.714	ug/l	98
18) Methyl Acetate	2.703	43	6989	4.866	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	15765	4.896	ug/l	97
20) Methylene Chloride	2.788	84	5720	4.927	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	5175	5.079	ug/l	86
22) Diisopropyl ether	3.764	45	16351	4.960	ug/l	89
23) Vinyl Acetate	3.721	43	72262	24.018	ug/l	98
24) 1,1-Dichloroethane	3.617	63	9615	5.044	ug/l	96
25) 2-Butanone	4.556	43	21816	25.235	ug/l	99
26) 2,2-Dichloropropane	4.477	77	6048	4.861	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	5773	5.084	ug/l	96
28) Bromochloromethane	4.898	49	4865	5.471	ug/l #	96
29) Tetrahydrofuran	5.007	42	13990	24.310	ug/l	99
30) Chloroform	5.093	83	10414	5.068	ug/l	98
31) Cyclohexane	5.464	56	8011	5.021	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	8277	4.866	ug/l	97
36) 1,1-Dichloropropene	5.690	75	7833	5.261	ug/l	96
37) Ethyl Acetate	4.715	43	9064	5.329	ug/l #	86
38) Carbon Tetrachloride	5.684	117	6568	4.768	ug/l	90
39) Methylcyclohexane	7.379	83	8132	5.154	ug/l	89
40) Benzene	6.038	78	20655	5.100	ug/l	99

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 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 23 06:30:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	4255m	4.711	ug/l	
42) 1,2-Dichloroethane	6.086	62	8490	5.044	ug/l	98
43) Isopropyl Acetate	6.342	43	12551	4.809	ug/l	97
44) Trichloroethene	7.123	130	5055	4.772	ug/l	98
45) 1,2-Dichloropropane	7.434	63	5418	5.012	ug/l	89
46) Dibromomethane	7.586	93	4040	4.982	ug/l	99
47) Bromodichloromethane	7.824	83	7275	4.820	ug/l	95
48) Methyl methacrylate	7.696	41	6204	4.800	ug/l #	90
49) 1,4-Dioxane	7.671	88	2585	99.217	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	44839	25.294	ug/l	97
52) Toluene	8.714	92	12699	5.116	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	6778	4.454	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	7339	4.528	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	5265	4.954	ug/l	93
56) Ethyl methacrylate	9.116	69	7383	4.546	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	9130	4.931	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	19580	24.046	ug/l	93
59) 2-Hexanone	9.427	43	33142	24.241	ug/l	99
60) Dibromochloromethane	9.519	129	4873	4.572	ug/l	97
61) 1,2-Dibromoethane	9.610	107	5693	4.984	ug/l	100
64) Tetrachloroethene	9.275	164	5131	5.243	ug/l	96
65) Chlorobenzene	10.079	112	13811	5.129	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	4465	4.742	ug/l	99
67) Ethyl Benzene	10.195	91	25345	5.017	ug/l	99
68) m/p-Xylenes	10.299	106	17818	9.673	ug/l	91
69) o-Xylene	10.640	106	8896	4.886	ug/l	93
70) Styrene	10.653	104	14223	4.739	ug/l	97
71) Bromoform	10.799	173	3153	4.142	ug/l #	94
73) Isopropylbenzene	10.963	105	23370	4.968	ug/l	96
74) N-amyl acetate	10.842	43	10155	4.653	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	8769	5.215	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	7226m	4.888	ug/l	
77) Bromobenzene	11.201	156	5607	4.878	ug/l	95
78) n-propylbenzene	11.305	91	28869	4.969	ug/l	98
79) 2-Chlorotoluene	11.366	91	16879	4.868	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	19332	4.838	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	1615	3.802	ug/l #	77
82) 4-Chlorotoluene	11.457	91	20426	5.026	ug/l	100
83) tert-Butylbenzene	11.713	119	18058	4.794	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	19499	4.836	ug/l	97
85) sec-Butylbenzene	11.890	105	25473	5.080	ug/l	98
86) p-Isopropyltoluene	12.012	119	18945	4.729	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	10469	4.762	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	10884	4.776	ug/l	90
89) n-Butylbenzene	12.335	91	18755	4.758	ug/l	93
90) Hexachloroethane	12.536	117	2812	4.383	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	10542	4.959	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1624	4.235	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	6508	4.755	ug/l	95
94) Hexachlorobutadiene	13.725	225	2527	5.098	ug/l	95
95) Naphthalene	13.774	128	20070	4.570	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	6177	4.688	ug/l	95

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

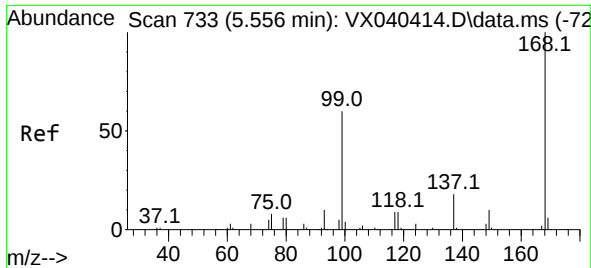
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2024
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Quant Time: Feb 23 06:30:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 23 06:27:42 2024
Response via : Initial Calibration

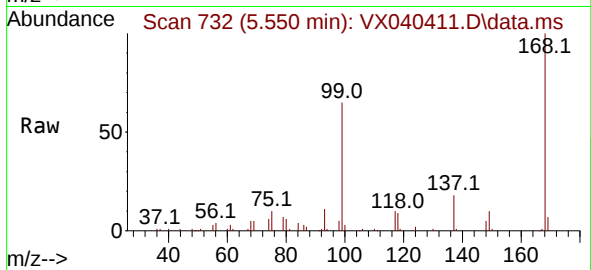
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

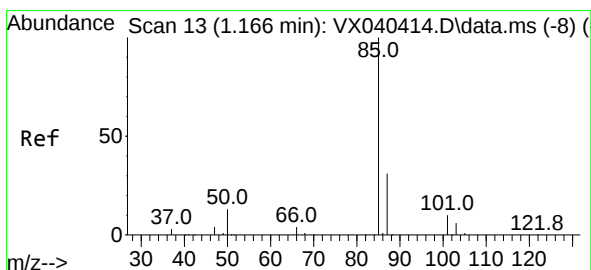
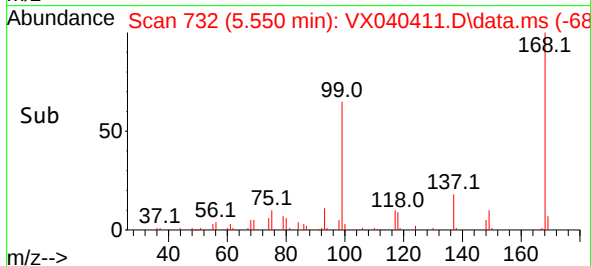
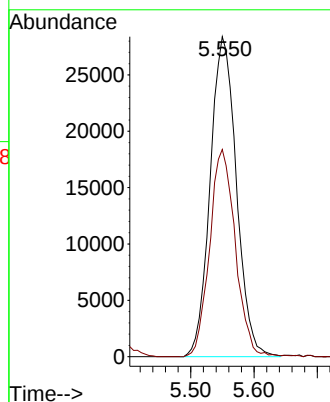
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 8171
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0

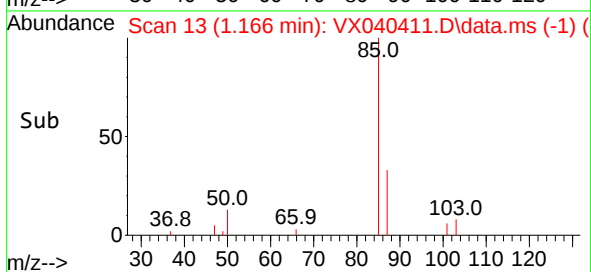
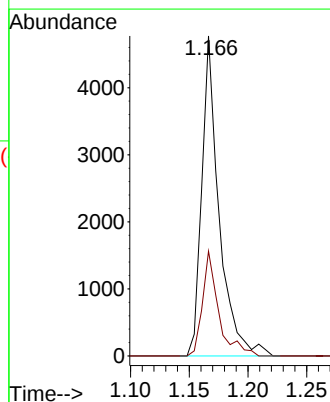
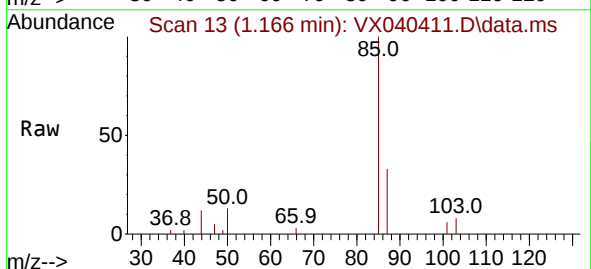
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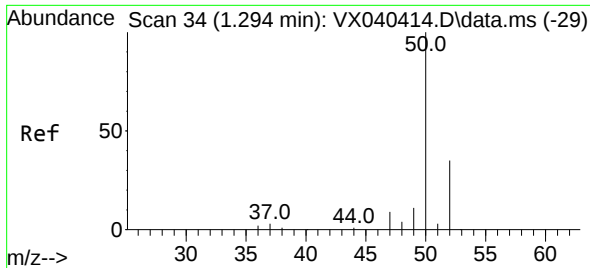
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#2
Dichlorodifluoromethane
Concen: 4.961 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Tgt Ion: 85 Resp: 4887
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





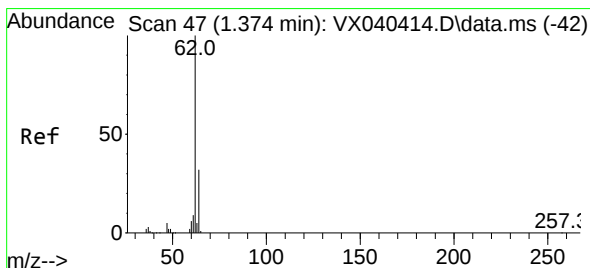
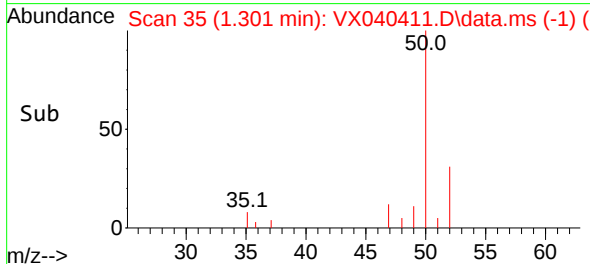
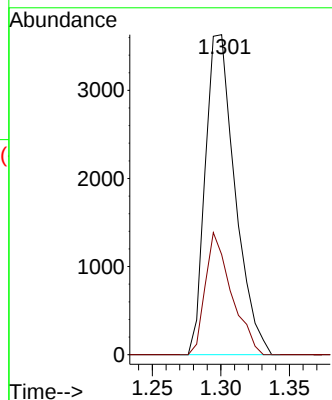
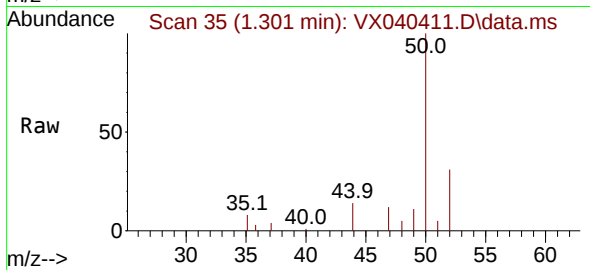
#3
Chloromethane
Concen: 4.933 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 549
Ion Ratio Lower Upper
50 100
52 31.3 25.5 38.3

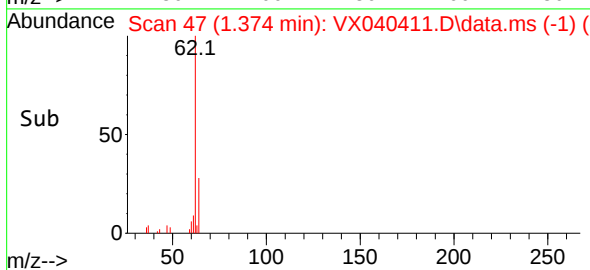
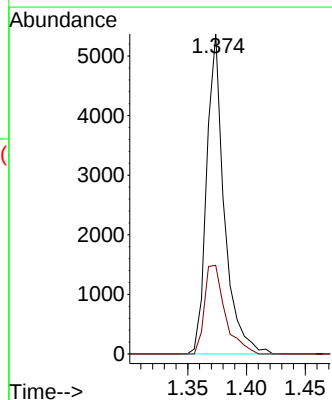
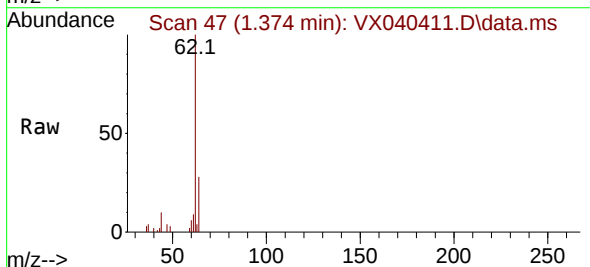
Manual Integrations
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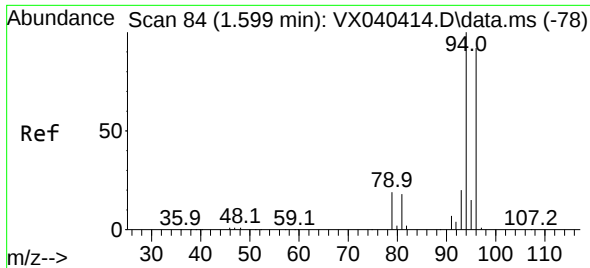
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#4
Vinyl Chloride
Concen: 5.020 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Tgt Ion: 62 Resp: 5575
Ion Ratio Lower Upper
62 100
64 27.7 25.4 38.0





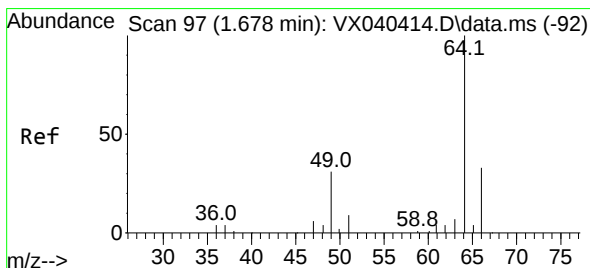
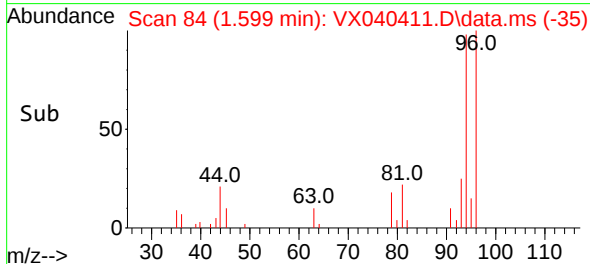
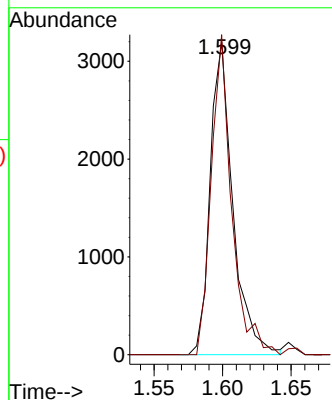
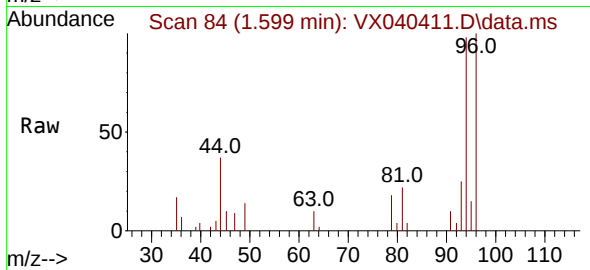
#5
Bromomethane
Concen: 5.622 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 367
Ion Ratio Lower Upper
94 100
96 102.4 74.6 111.8

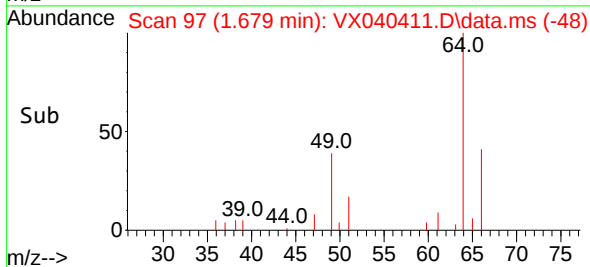
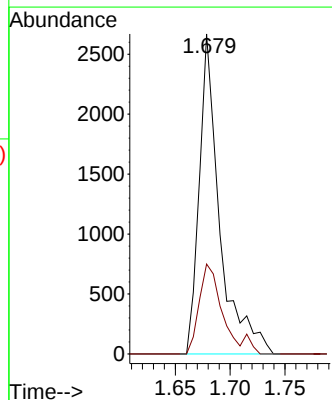
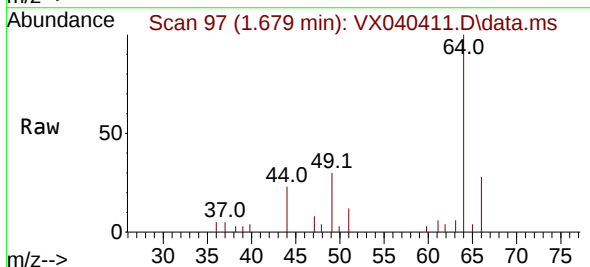
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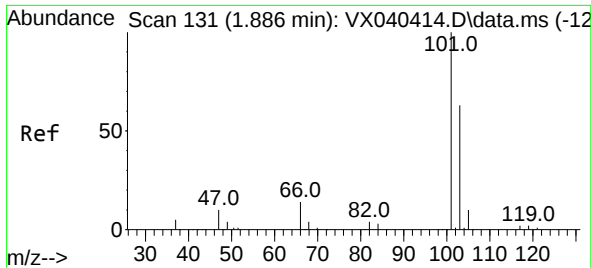
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#6
Chloroethane
Concen: 5.174 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

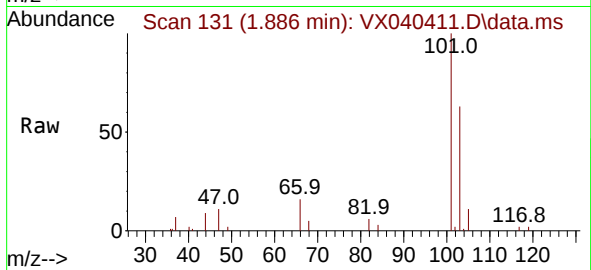
Tgt Ion: 64 Resp: 3463
Ion Ratio Lower Upper
64 100
66 28.1 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 5.069 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040411.D
 Acq: 22 Feb 2024 21:33

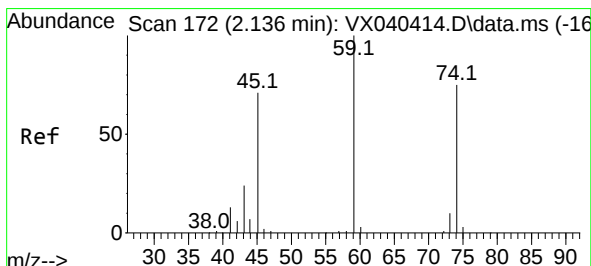
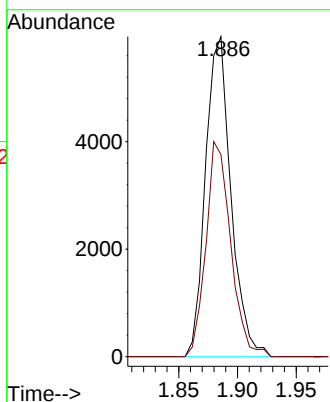
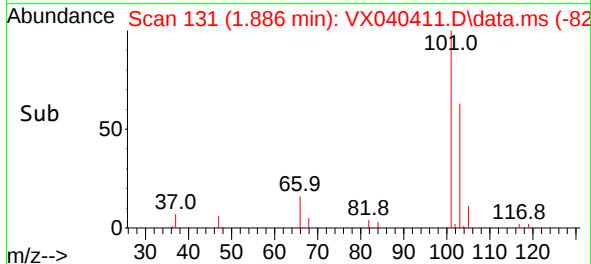
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



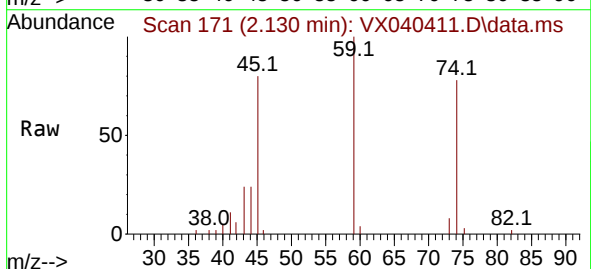
Tgt Ion:101 Resp: 898
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.2

Manual Integrations
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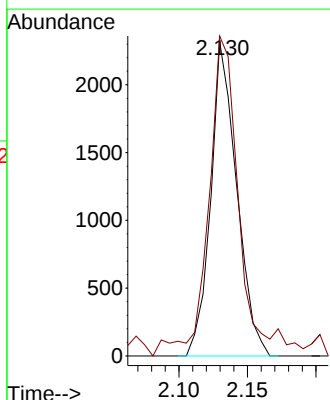
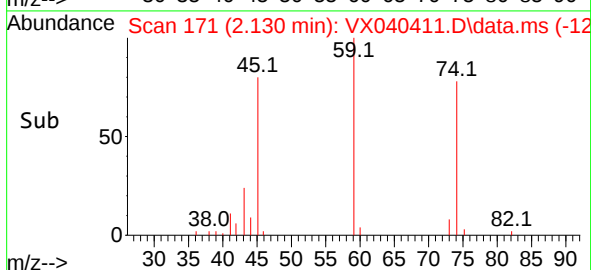
Reviewed By :John Carlone 02/23/2024
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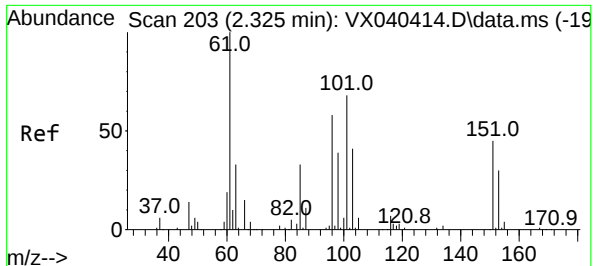


#8
 Diethyl Ether
 Concen: 4.823 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX040411.D
 Acq: 22 Feb 2024 21:33



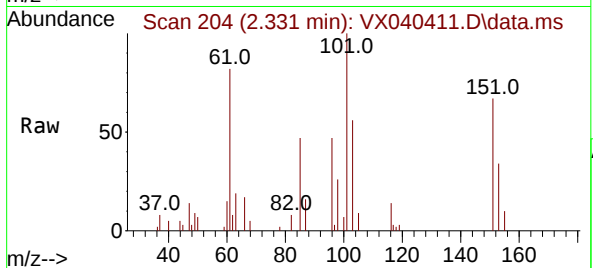
Tgt Ion: 74 Resp: 3053
 Ion Ratio Lower Upper
 74 100
 45 119.6 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.215 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

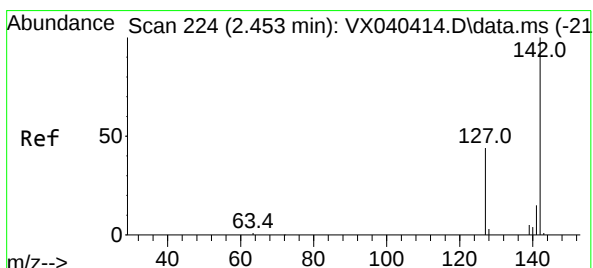
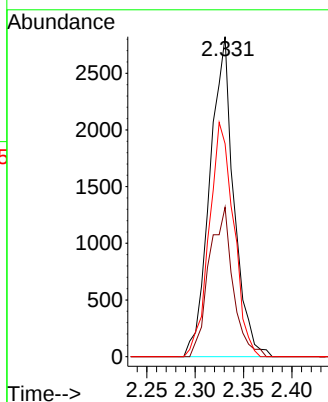
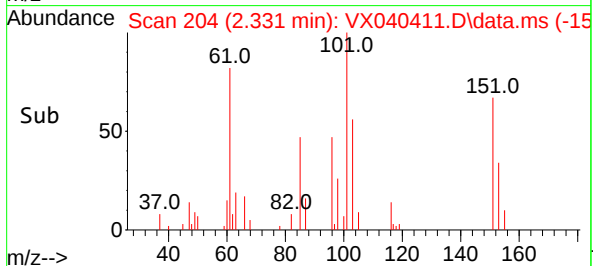
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 488
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.6
151 74.6 58.6 87.8

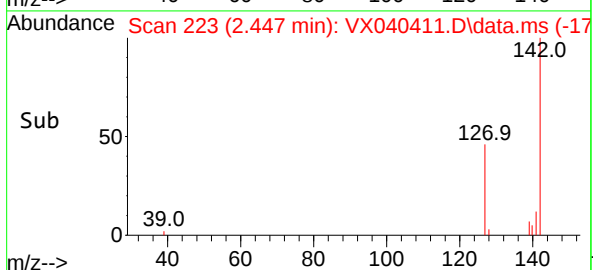
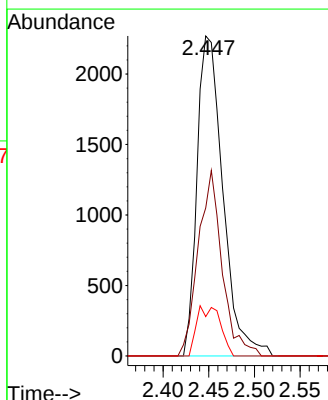
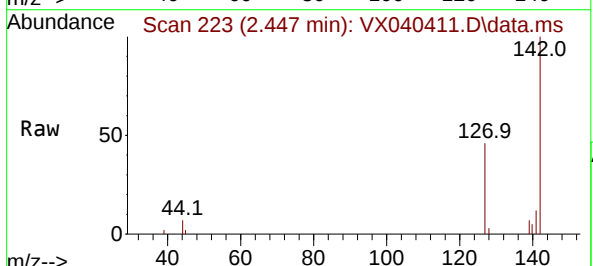
Manual Integrations
APPROVED

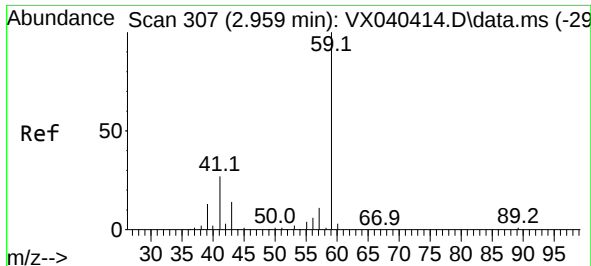
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#10
Methyl Iodide
Concen: 4.105 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

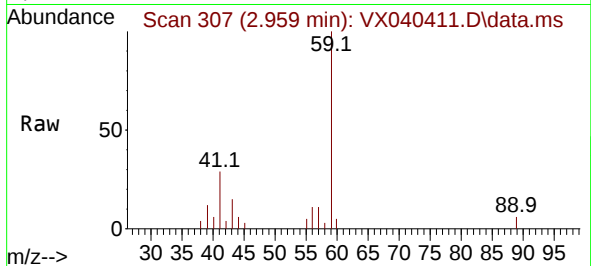
Tgt Ion:142 Resp: 4472
Ion Ratio Lower Upper
142 100
127 53.6 41.6 62.4
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 24.249 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

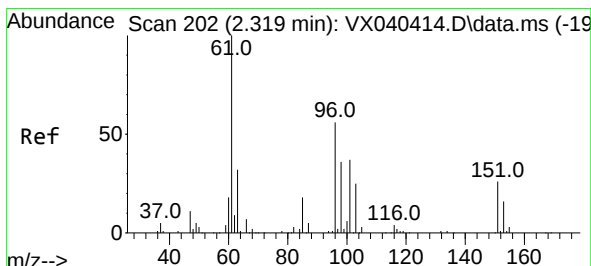
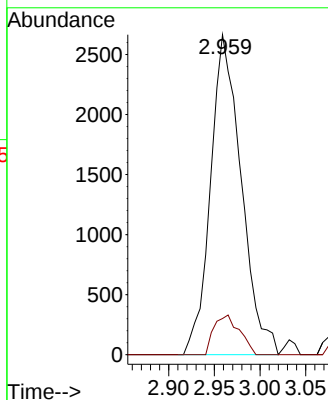
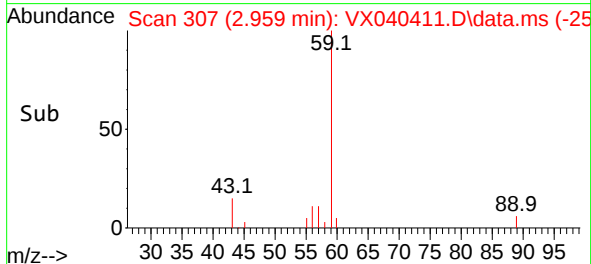
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



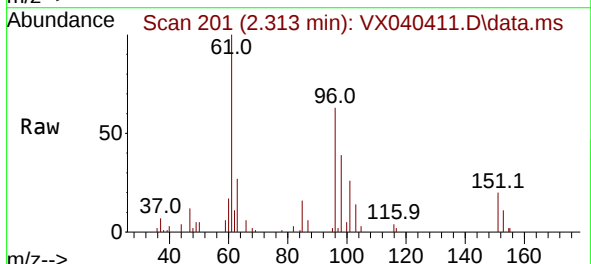
Tgt Ion: 59 Resp: 6238
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

Manual Integrations
APPROVED

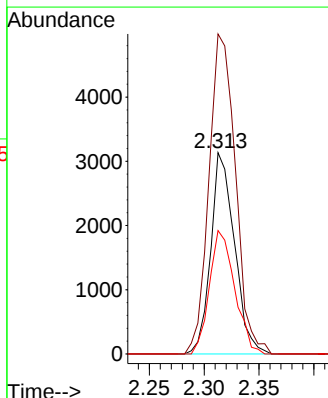
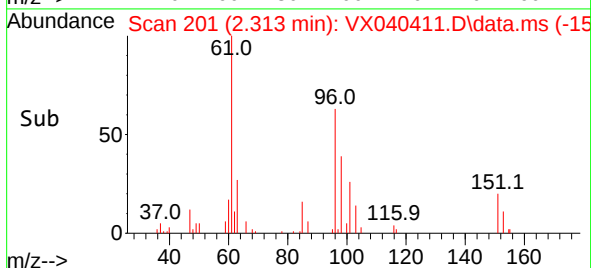
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

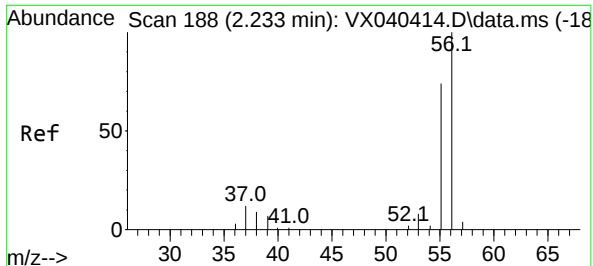


#12
1,1-Dichloroethene
Concen: 5.222 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33



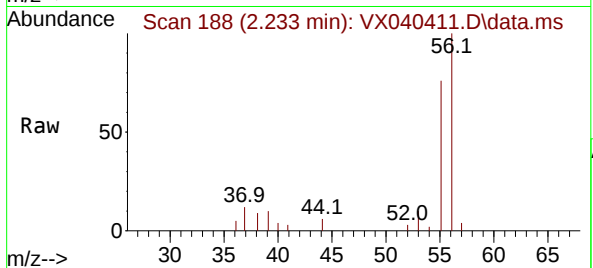
Tgt Ion: 96 Resp: 4716
Ion Ratio Lower Upper
96 100
61 158.9 144.6 216.8
98 61.3 50.4 75.6





#13
Acrolein
Concen: 25.203 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

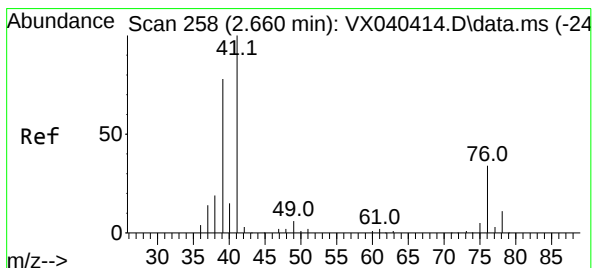
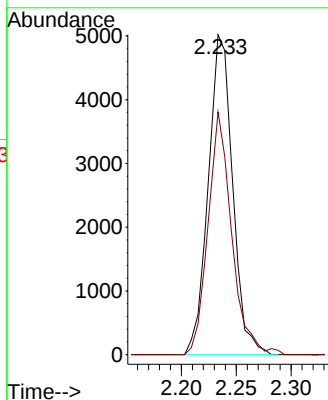
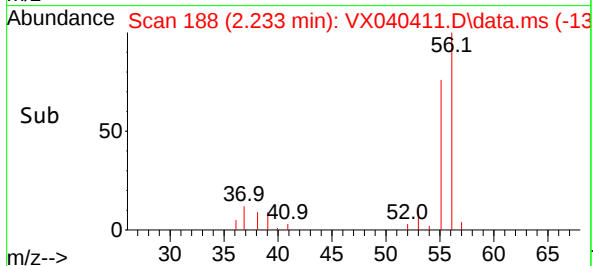
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



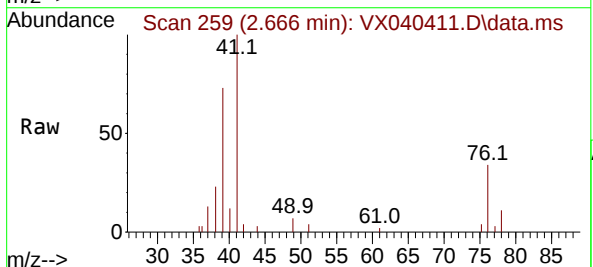
Tgt Ion: 56 Resp: 775
Ion Ratio Lower Upper
56 100
55 73.6 57.1 85.7

Manual Integrations
APPROVED

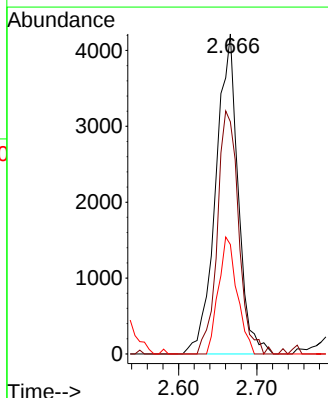
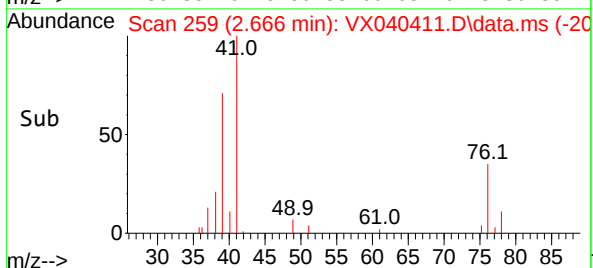
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

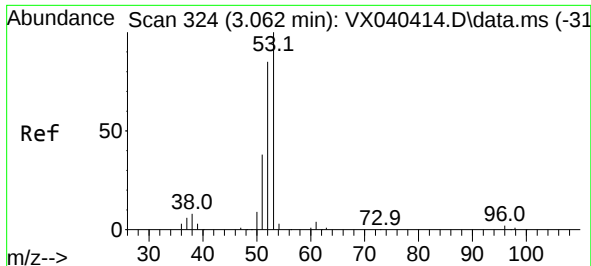


#14
Allyl chloride
Concen: 5.025 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33



Tgt Ion: 41 Resp: 8380
Ion Ratio Lower Upper
41 100
39 72.2 55.8 83.6
76 30.6 24.3 36.5





#15

Acrylonitrile

Concen: 25.167 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

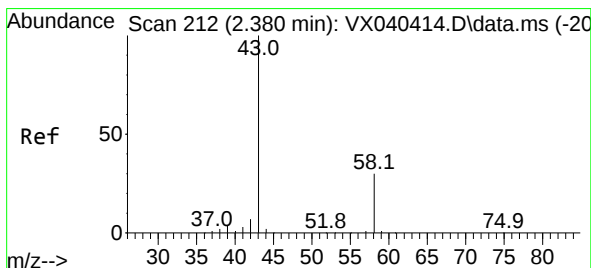
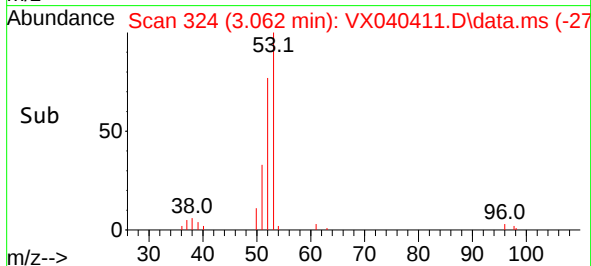
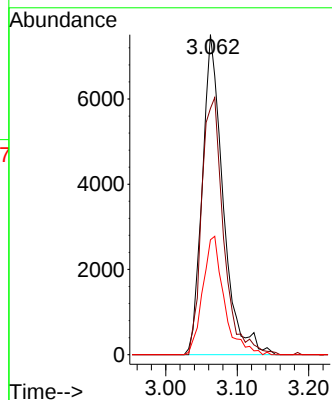
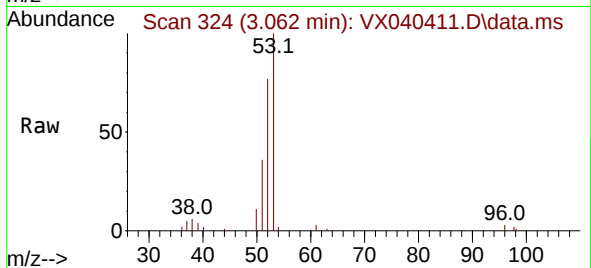
Tgt Ion: 53	Resp: 15179
Ion Ratio	Lower Upper
53 100	
52 84.8	66.0 99.0
51 38.1	29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#16

Acetone

Concen: 26.522 ug/l

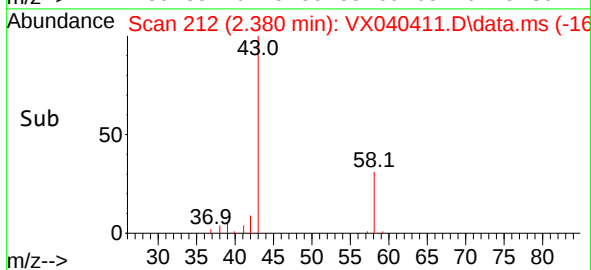
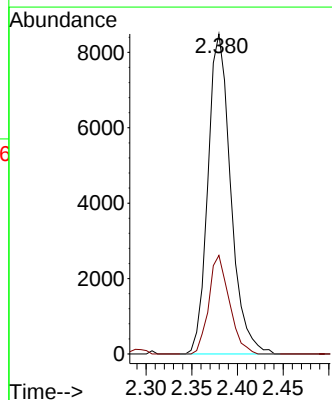
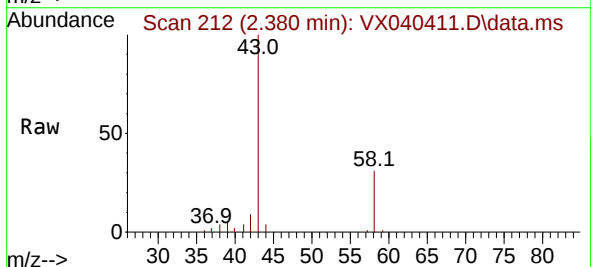
RT: 2.380 min Scan# 212

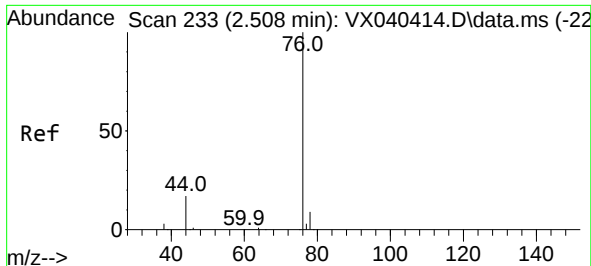
Delta R.T. 0.000 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Tgt Ion: 43	Resp: 14707
Ion Ratio	Lower Upper
43 100	
58 30.8	21.9 32.9





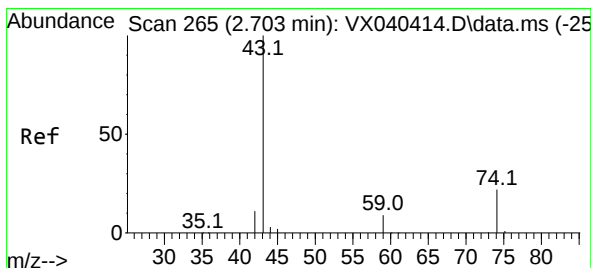
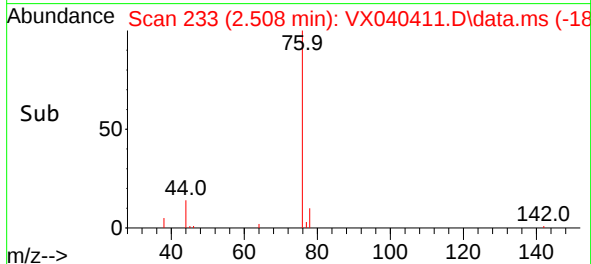
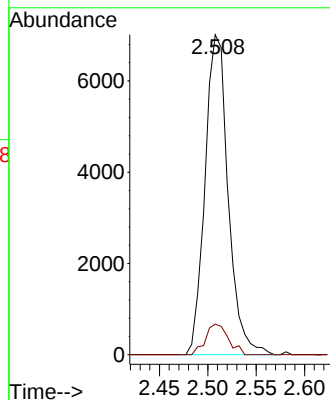
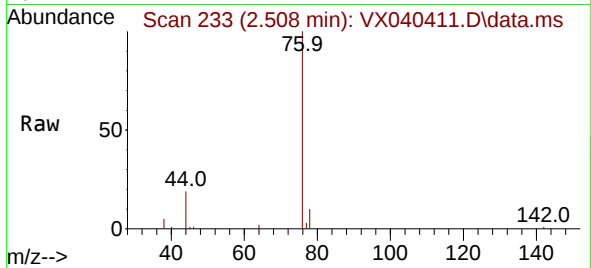
#17
Carbon Disulfide
Concen: 4.714 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 11704
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

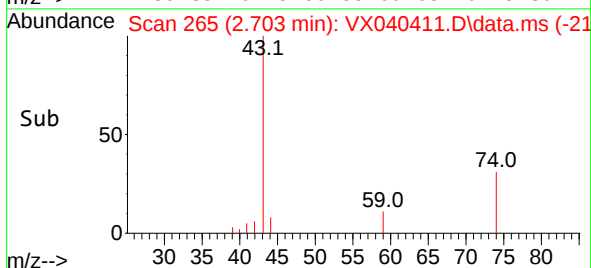
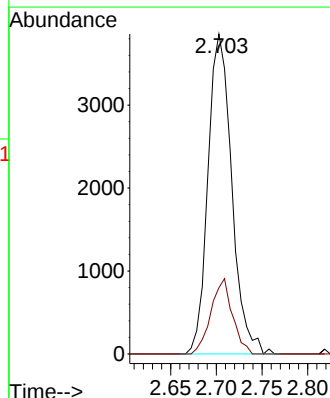
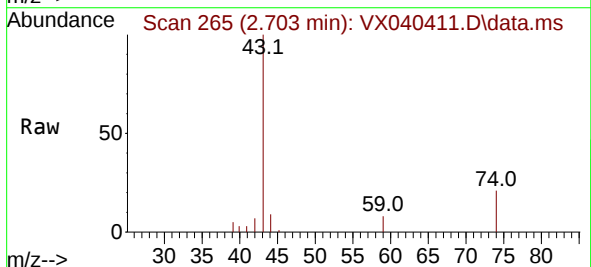
Manual Integrations
APPROVED

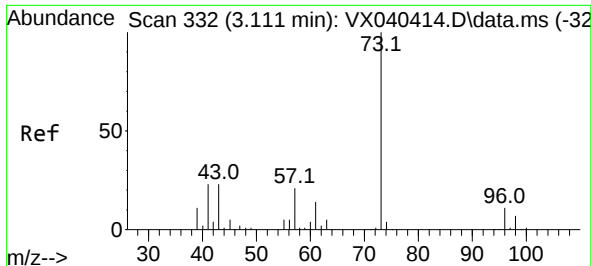
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#18
Methyl Acetate
Concen: 4.866 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Tgt Ion: 43 Resp: 6989
Ion Ratio Lower Upper
43 100
74 21.2 17.8 26.8





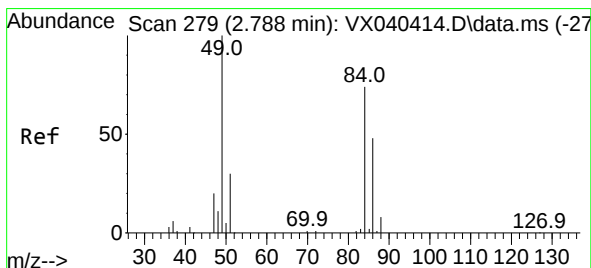
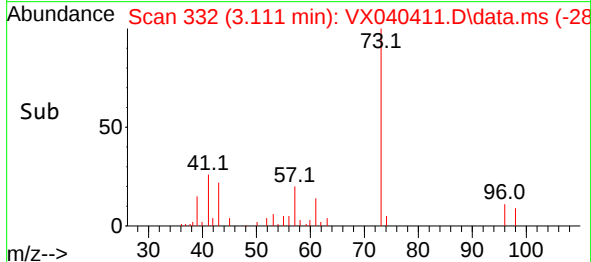
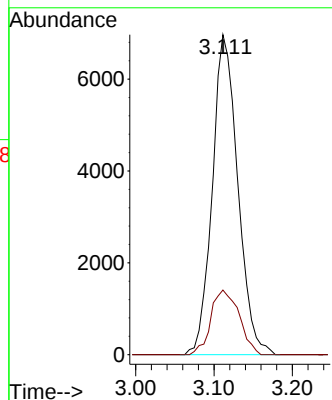
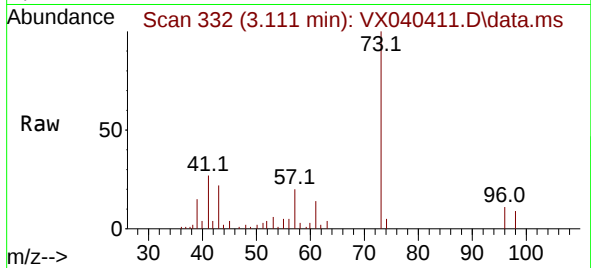
#19
Methyl tert-butyl Ether
Concen: 4.896 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 1576
Ion Ratio Lower Upper
73 100
57 20.2 17.3 25.9

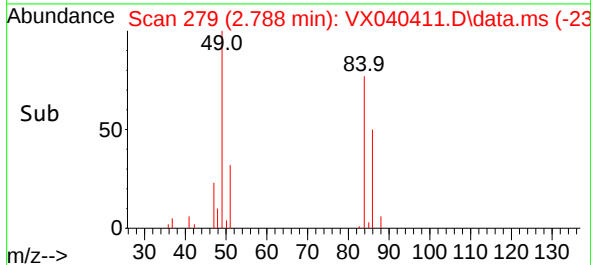
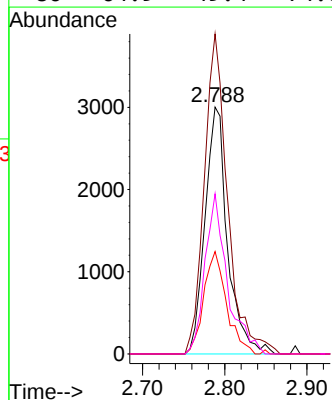
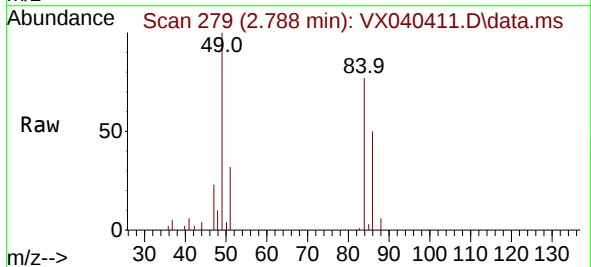
Manual Integrations
APPROVED

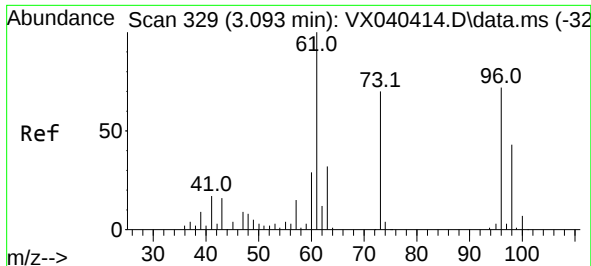
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#20
Methylene Chloride
Concen: 4.927 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

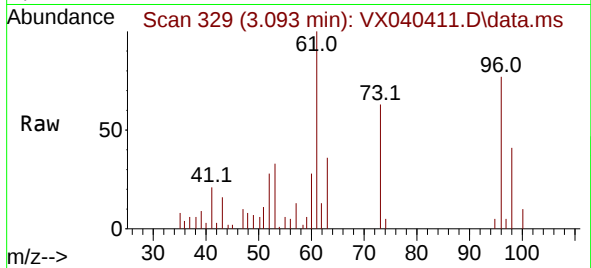
Tgt Ion: 84 Resp: 5720
Ion Ratio Lower Upper
84 100
49 129.6 103.6 155.4
51 41.5 33.8 50.6
86 64.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 5.079 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

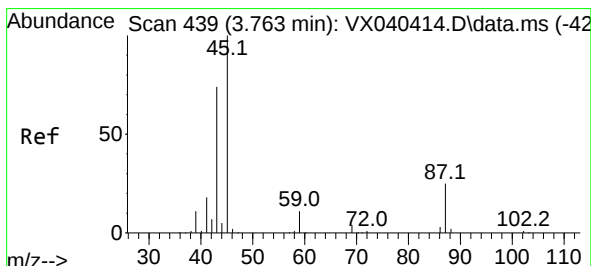
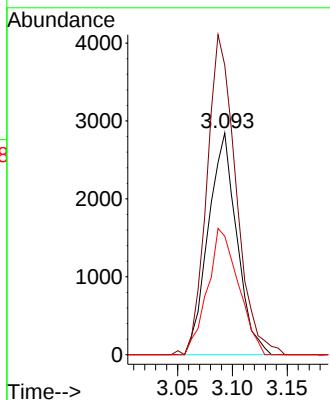
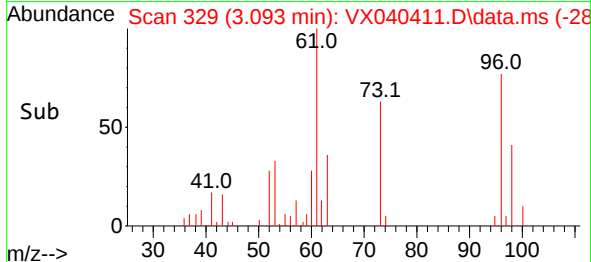
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 5179
Ion Ratio Lower Upper
96 100
61 128.6 119.2 178.8
98 53.4 48.7 73.1

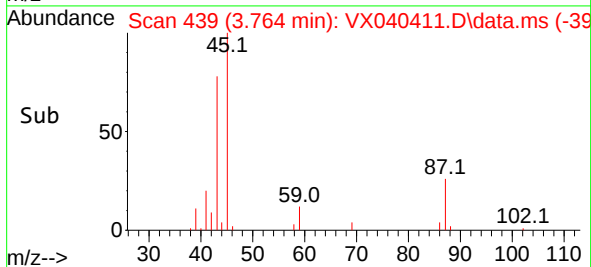
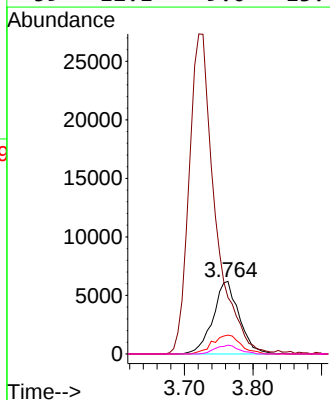
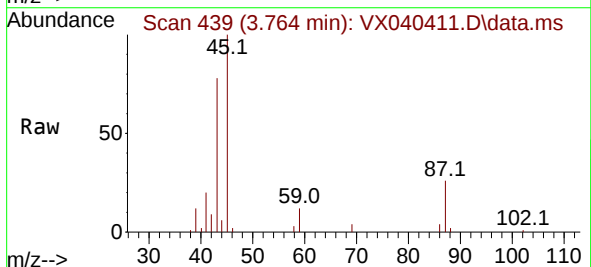
Manual Integrations
APPROVED

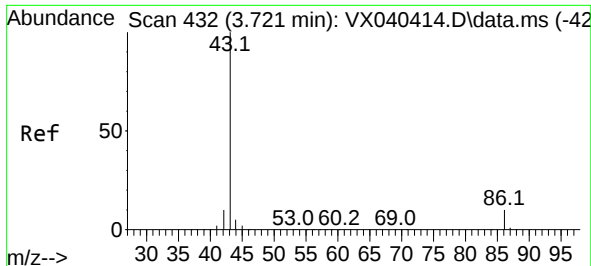
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#22
Diisopropyl ether
Concen: 4.960 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Tgt Ion: 45 Resp: 16351
Ion Ratio Lower Upper
45 100
43 72.9 69.7 104.5
87 26.1 20.8 31.2
59 12.1 9.0 13.4





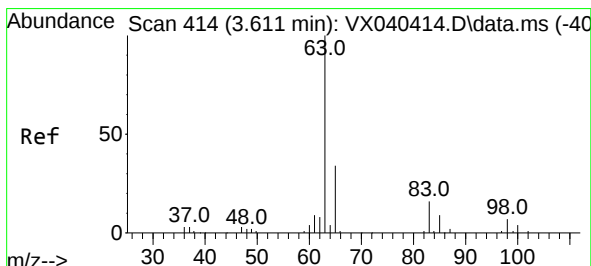
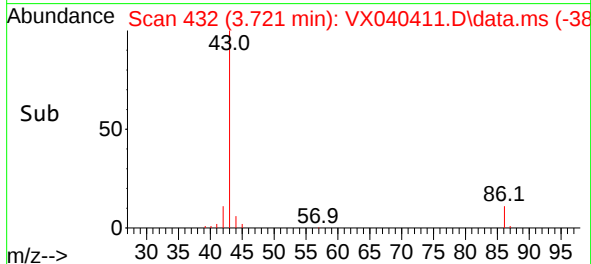
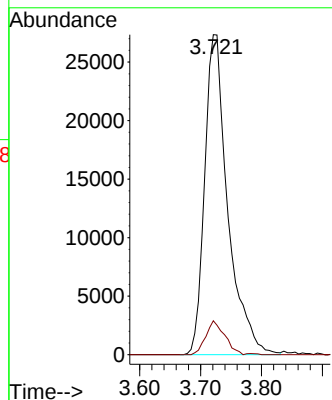
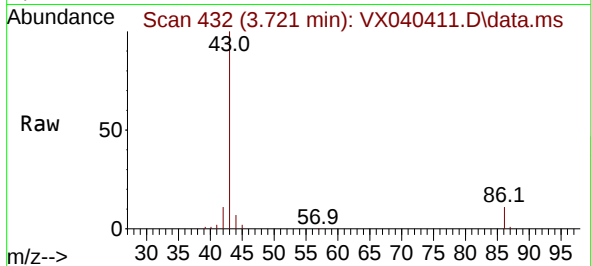
#23
 Vinyl Acetate
 Concen: 24.018 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040411.D
 Acq: 22 Feb 2024 21:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 7226
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.8 11.8

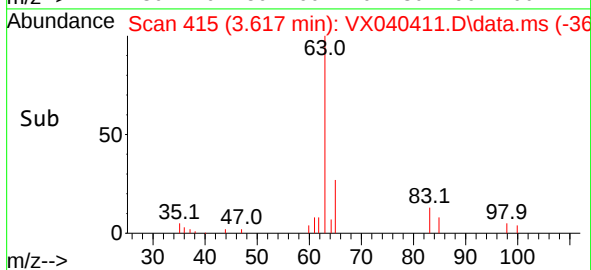
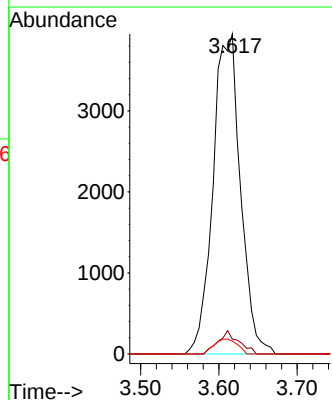
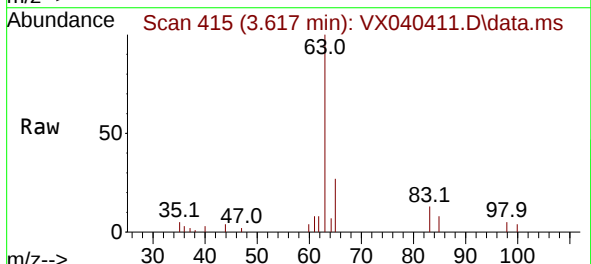
Manual Integrations
 APPROVED

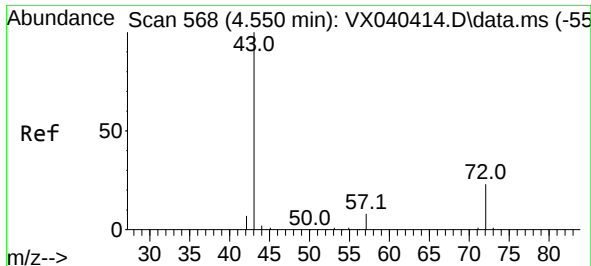
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#24
 1,1-Dichloroethane
 Concen: 5.044 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX040411.D
 Acq: 22 Feb 2024 21:33

Tgt Ion: 63 Resp: 9615
 Ion Ratio Lower Upper
 63 100
 98 4.6 3.3 9.8
 100 4.0 2.1 6.5





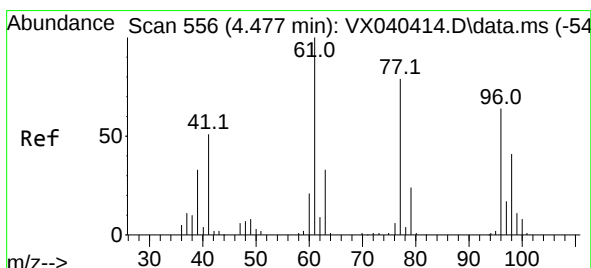
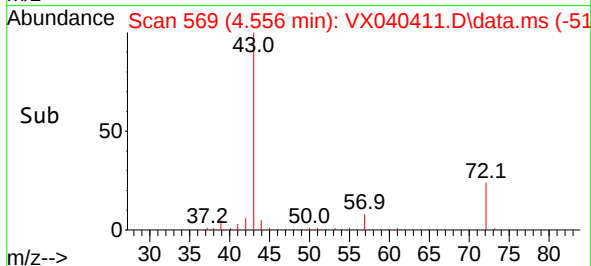
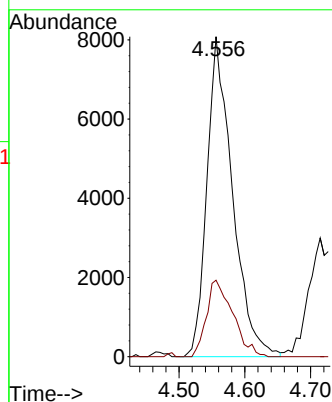
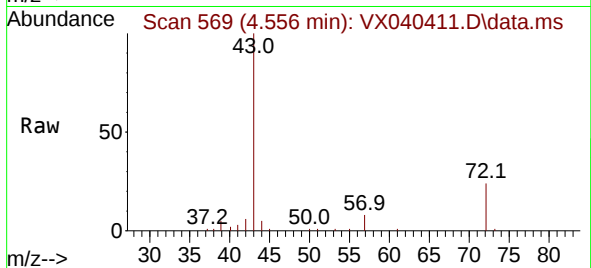
#25
2-Butanone
Concen: 25.235 ug/l
RT: 4.556 min Scan# 501
Delta R.T. 0.006 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 21810
Ion Ratio Lower Upper
43 100
72 23.9 19.4 29.2

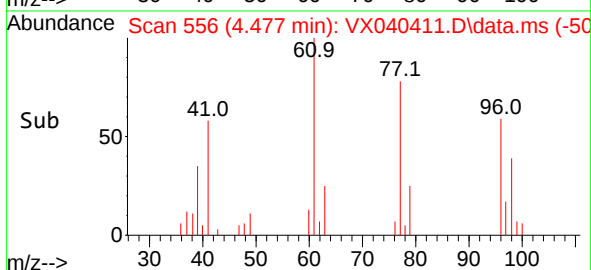
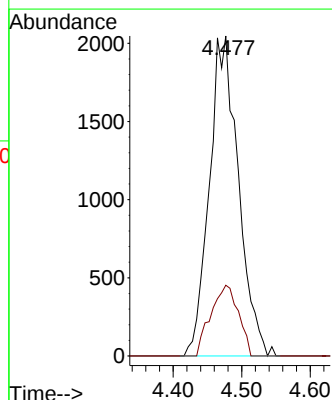
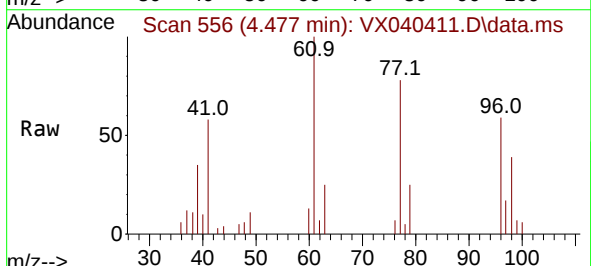
Manual Integrations
APPROVED

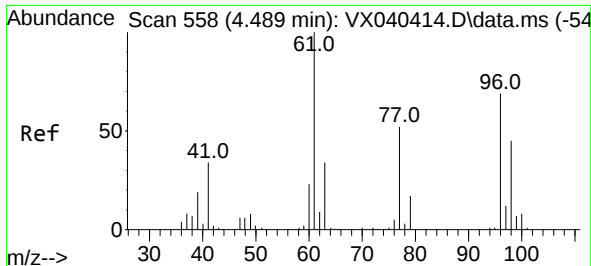
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#26
2,2-Dichloropropane
Concen: 4.861 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Tgt Ion: 77 Resp: 6048
Ion Ratio Lower Upper
77 100
97 20.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 5.084 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 96 Resp: 577

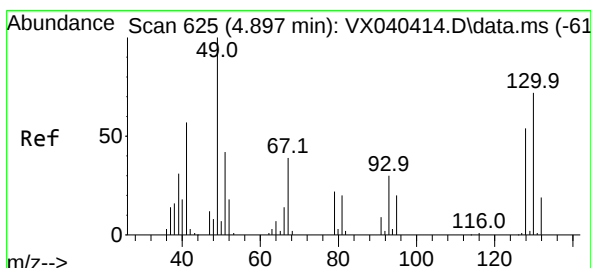
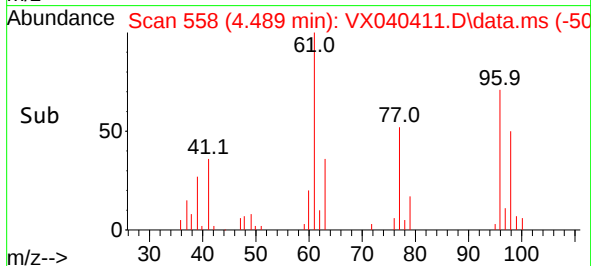
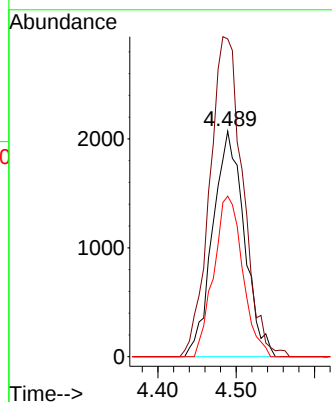
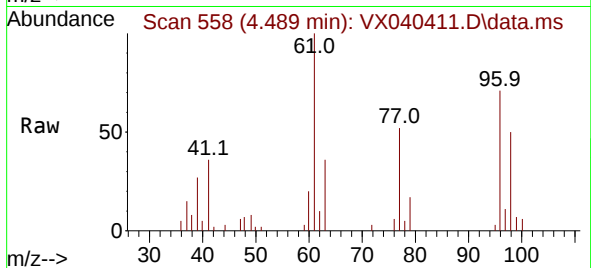
Ion	Ratio	Lower	Upper
96	100		
61	149.2	0.0	312.2
98	65.5	0.0	129.0

Manual Integrations

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Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#28

Bromochloromethane

Concen: 5.471 ug/l

RT: 4.898 min Scan# 625

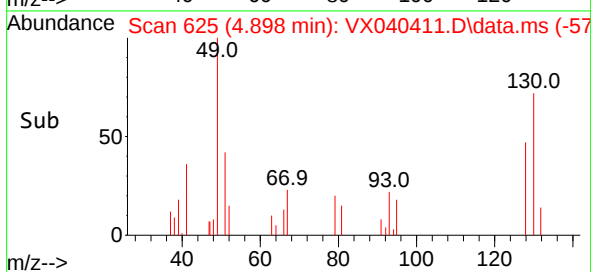
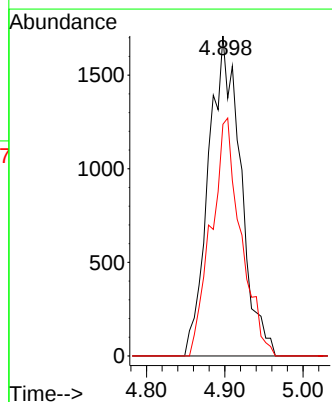
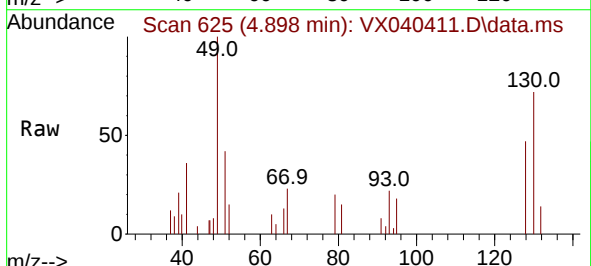
Delta R.T. 0.000 min

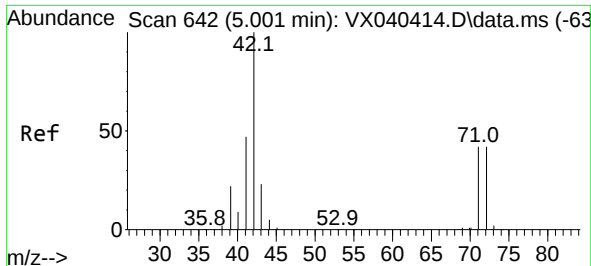
Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Tgt Ion: 49 Resp: 4865

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	68.7	57.5	86.3





#29

Tetrahydrofuran

Concen: 24.310 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

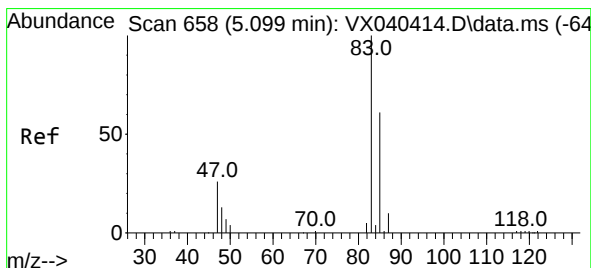
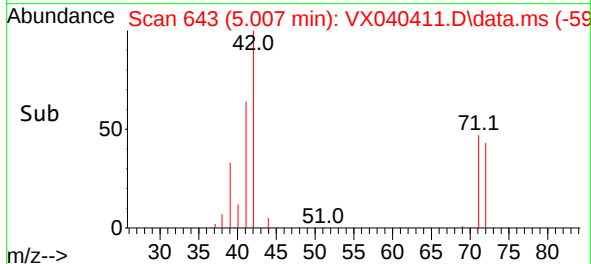
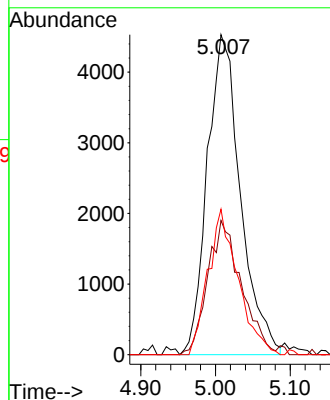
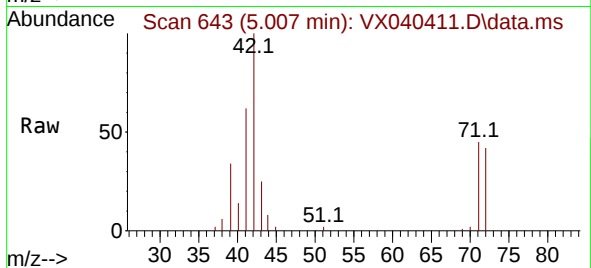
Tgt Ion: 42	Resp: 13990
Ion Ratio	Lower Upper
42 100	
72 42.5	34.2 51.4
71 41.0	32.2 48.2

Manual Integrations

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Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#30

Chloroform

Concen: 5.068 ug/l

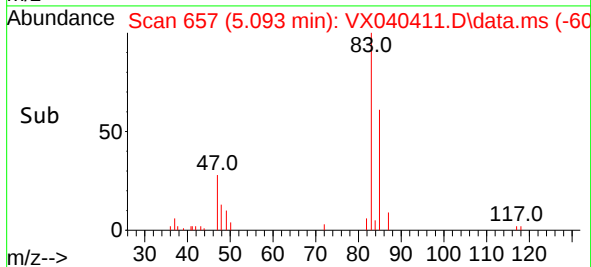
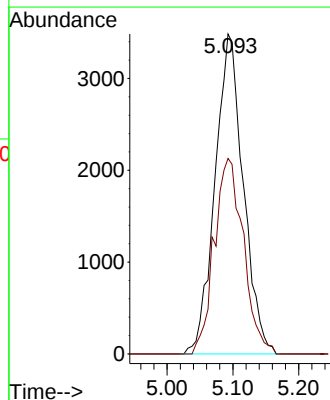
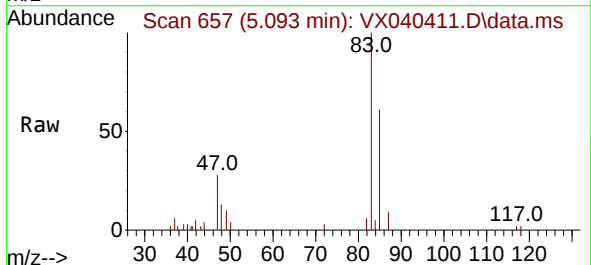
RT: 5.093 min Scan# 657

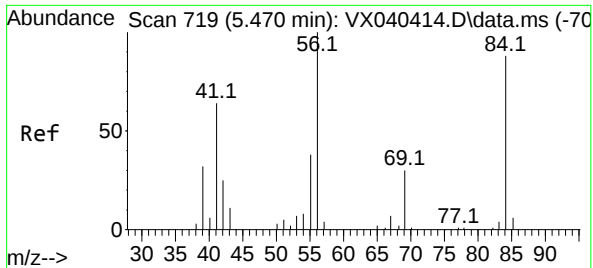
Delta R.T. -0.006 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

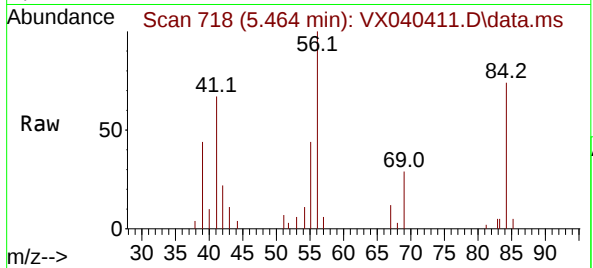
Tgt Ion: 83	Resp: 10414
Ion Ratio	Lower Upper
83 100	
85 61.1	50.3 75.5





#31
Cyclohexane
Concen: 5.021 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

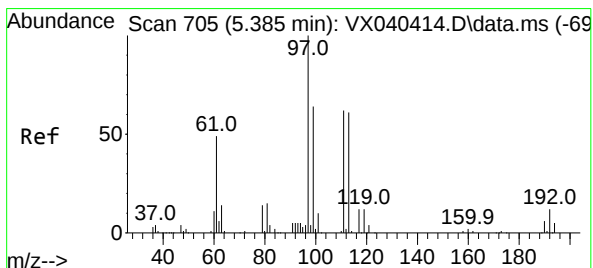
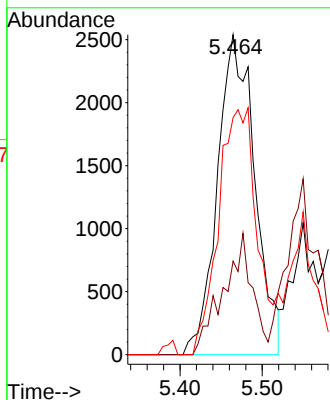
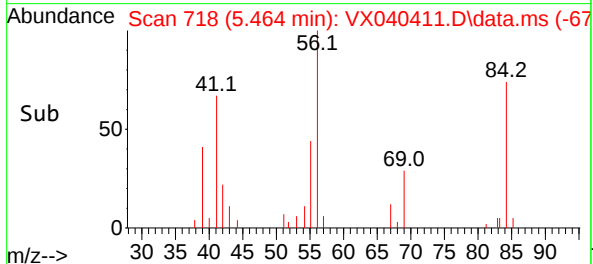
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



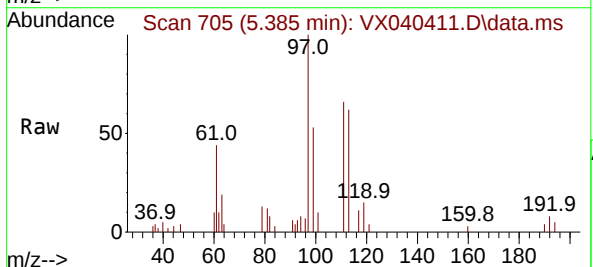
Tgt Ion: 56 Resp: 801
Ion Ratio Lower Upper
56 100
69 29.2 23.4 35.2
84 74.0 65.9 98.9

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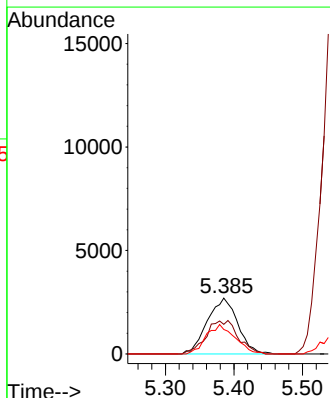
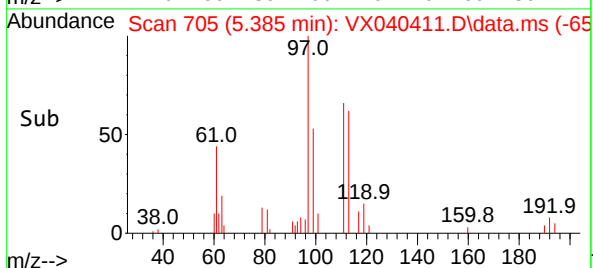
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

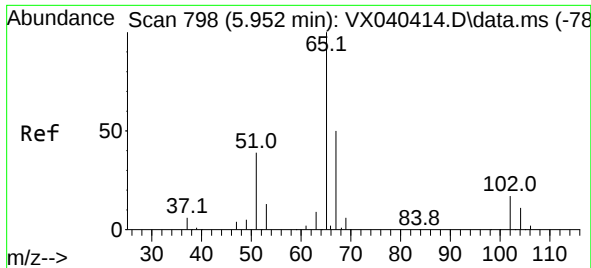


#32
1,1,1-Trichloroethane
Concen: 4.866 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33



Tgt Ion: 97 Resp: 8277
Ion Ratio Lower Upper
97 100
99 62.9 51.1 76.7
61 49.9 36.4 54.6





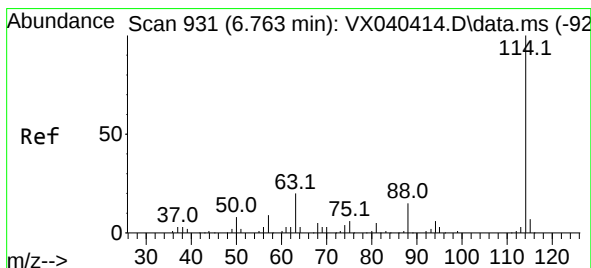
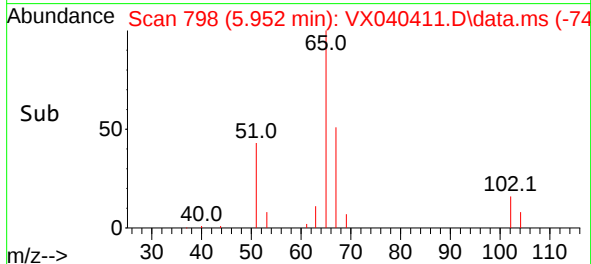
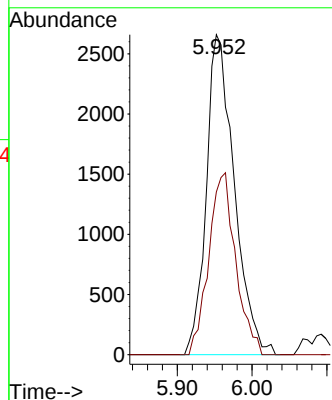
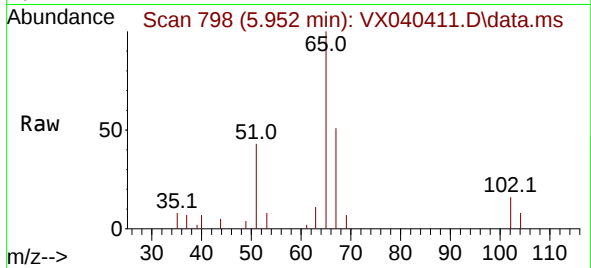
#33
1,2-Dichloroethane-d4
Concen: 5.200 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 6920
Ion Ratio Lower Upper
65 100
67 54.8 0.0 100.2

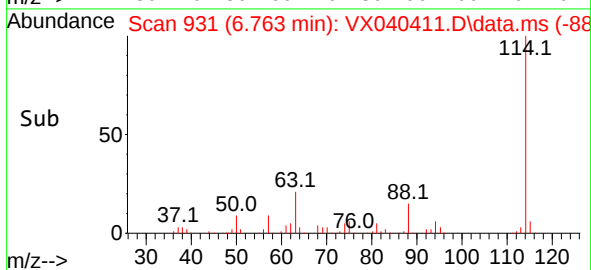
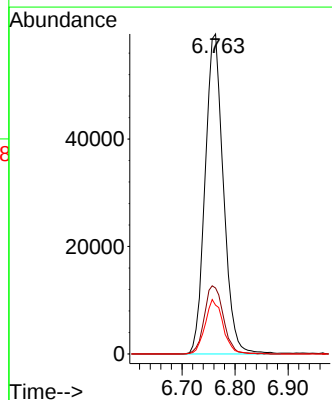
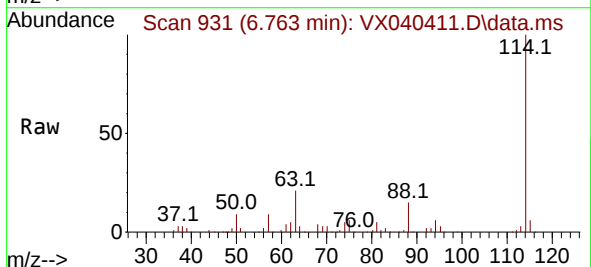
Manual Integrations
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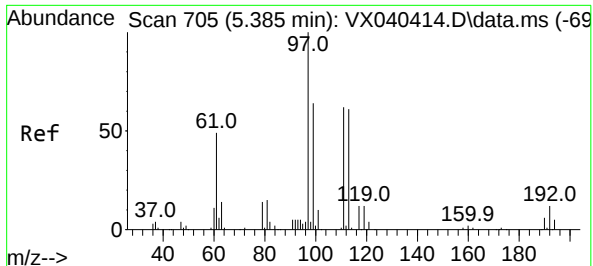
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

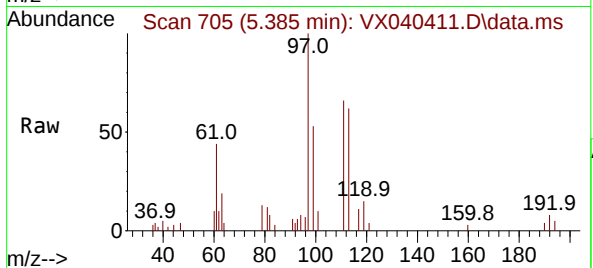
Tgt Ion:114 Resp: 142762
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 15.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 4.937 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

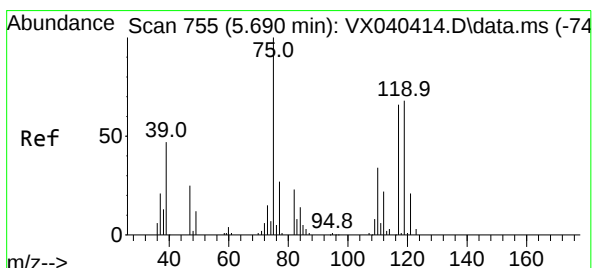
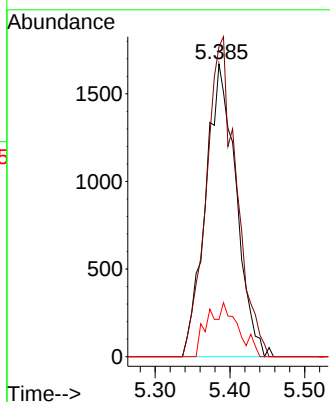
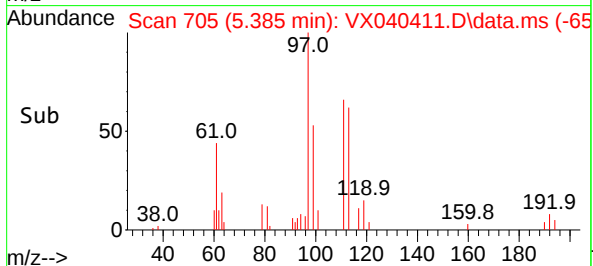
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:113 Resp: 4750
Ion Ratio Lower Upper
113 100
111 107.3 82.9 124.3
192 18.1 13.3 19.9

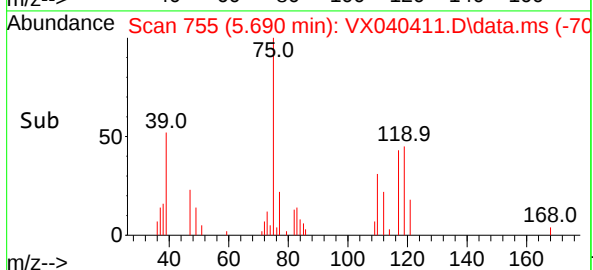
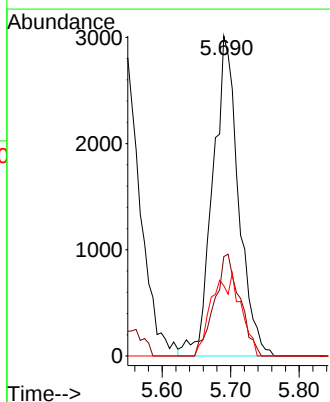
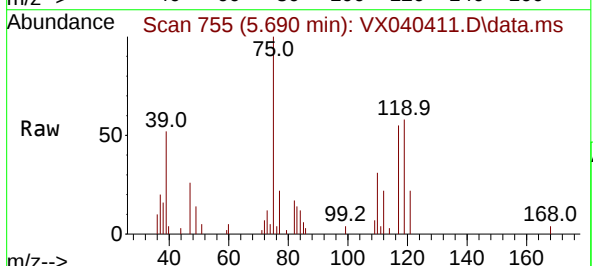
Manual Integrations
APPROVED

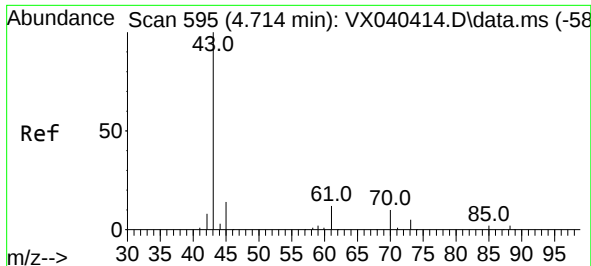
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#36
1,1-Dichloropropene
Concen: 5.261 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Tgt Ion: 75 Resp: 7833
Ion Ratio Lower Upper
75 100
110 31.5 17.0 50.9
77 29.2 24.7 37.1





#37

Ethyl Acetate

Concen: 5.329 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 9064

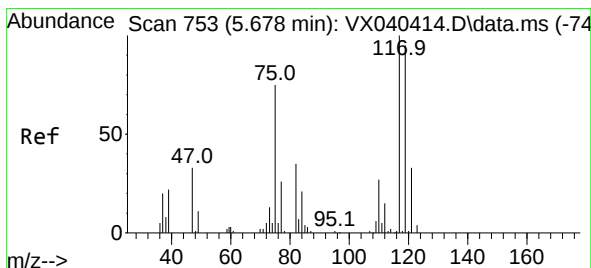
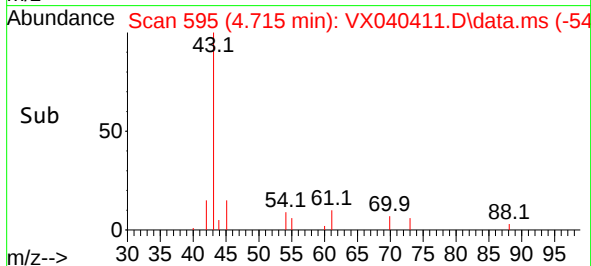
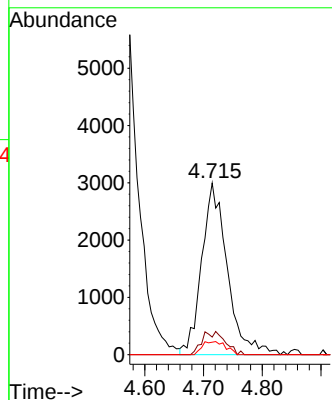
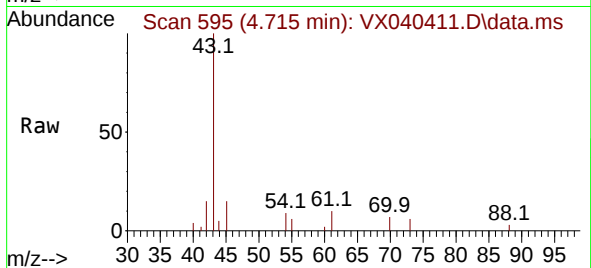
Ion	Ratio	Lower	Upper
43	100		
61	5.9	10.6	16.0
70	7.0	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#38

Carbon Tetrachloride

Concen: 4.768 ug/l

RT: 5.684 min Scan# 754

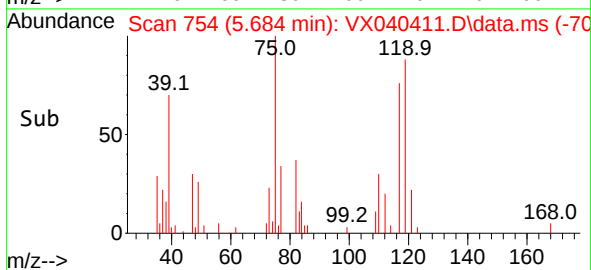
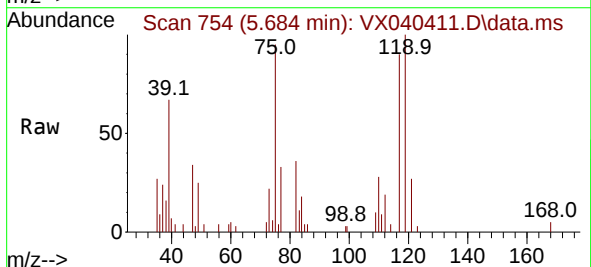
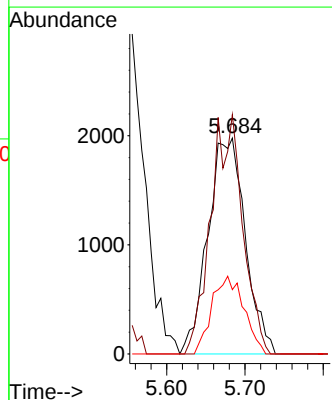
Delta R.T. 0.006 min

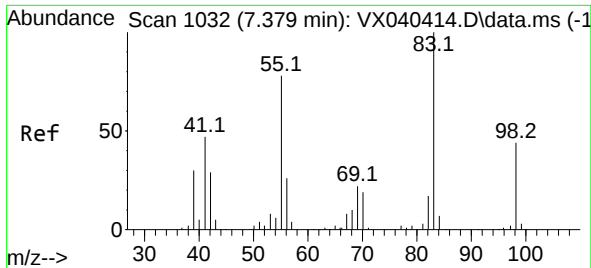
Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Tgt Ion:117 Resp: 6568

Ion	Ratio	Lower	Upper
117	100		
119	110.8	78.2	117.2
121	29.8	24.4	36.6





#39
Methylcyclohexane
Concen: 5.154 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

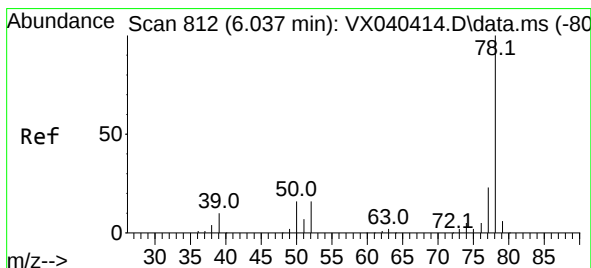
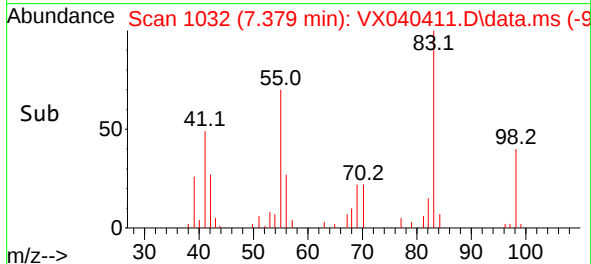
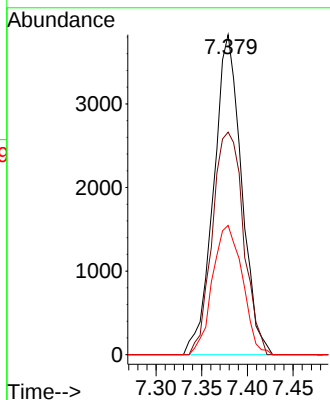
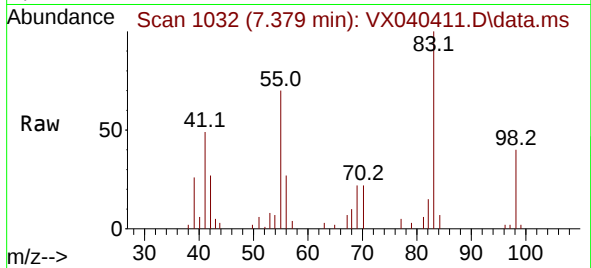
Tgt Ion: 83 Resp: 813
Ion Ratio Lower Upper
83 100
55 69.5 64.6 97.0
98 40.4 36.7 55.1

Manual Integrations

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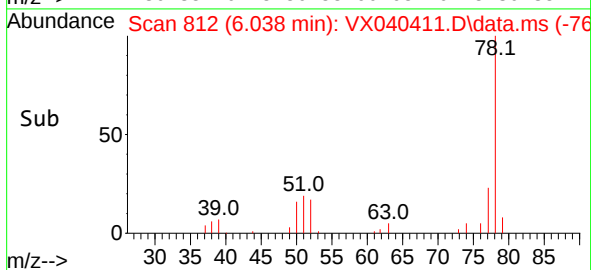
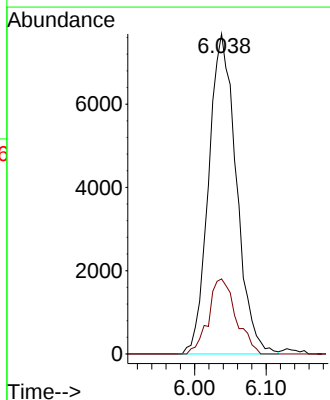
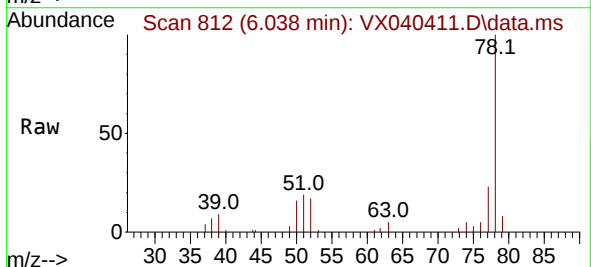
Reviewed By :John Carlone 02/23/2024

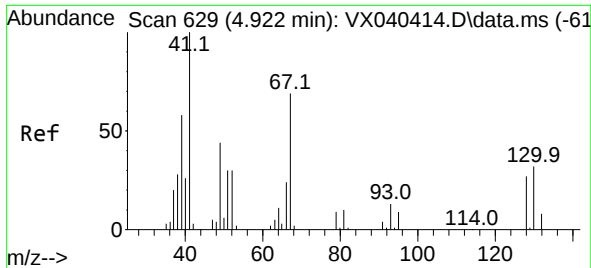
Supervised By :Mahesh Dadoda 02/23/2024



#40
Benzene
Concen: 5.100 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

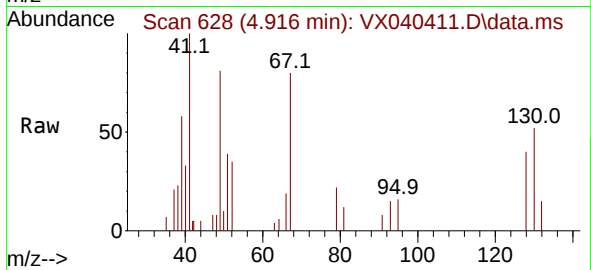
Tgt Ion: 78 Resp: 20655
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 4.711 ug/l m
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

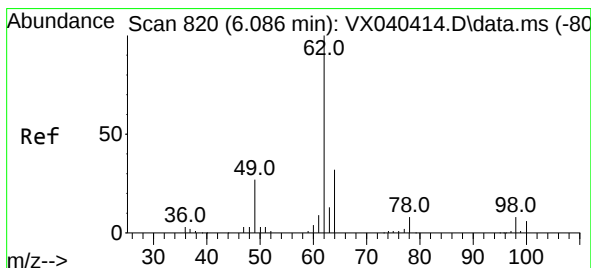
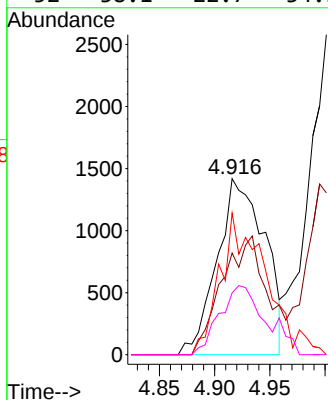
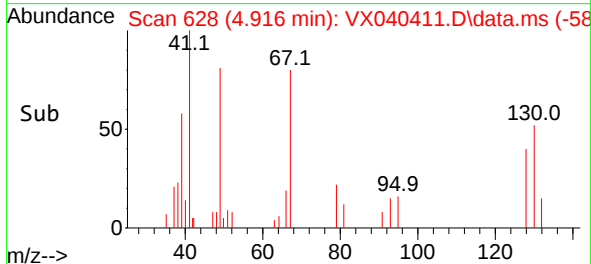
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:	41	Resp:	425
Ion	Ratio	Lower	Upper
41	100		
39	64.1	45.2	67.8
67	77.3	52.6	78.8
52	38.1	22.7	34.1

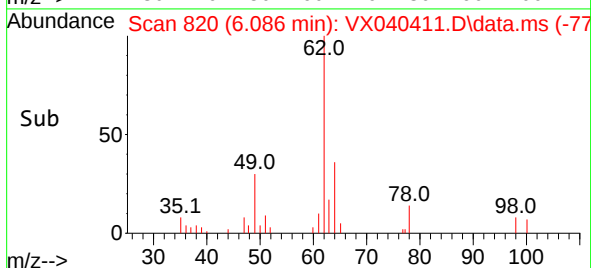
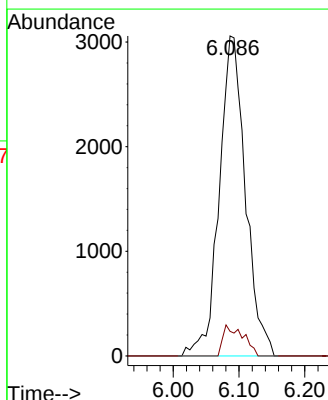
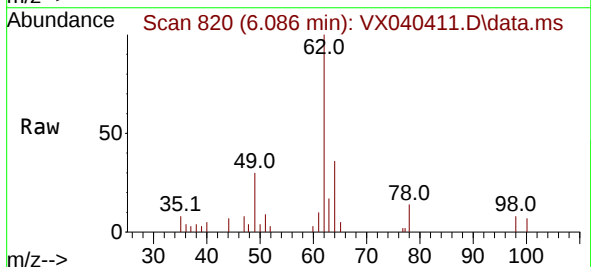
Manual Integrations
APPROVED

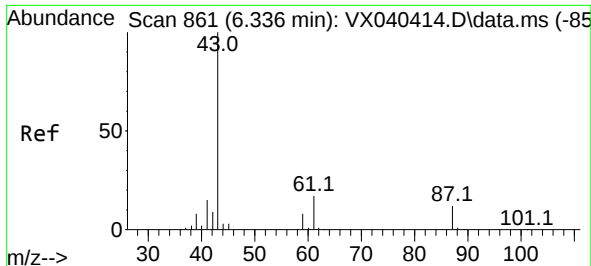
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#42
1,2-Dichloroethane
Concen: 5.044 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Tgt Ion:	62	Resp:	8490
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	16.0





#43

Isopropyl Acetate

Concen: 4.809 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

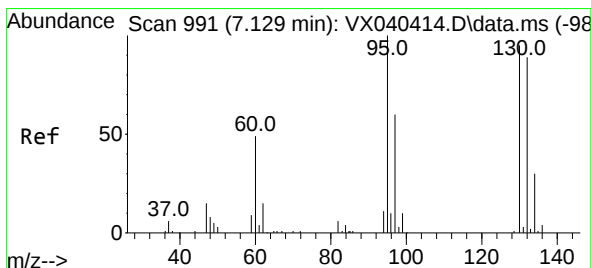
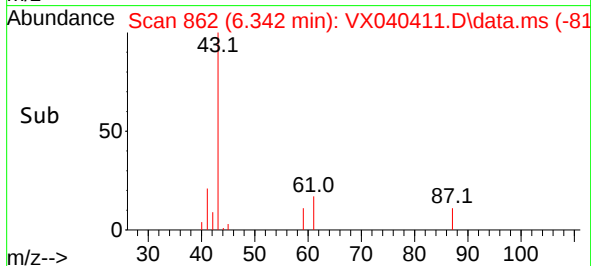
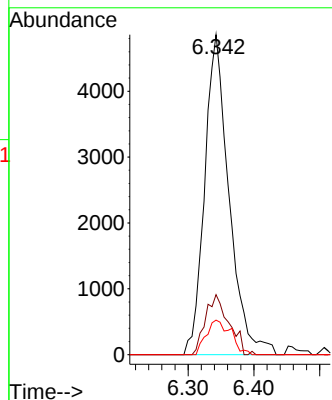
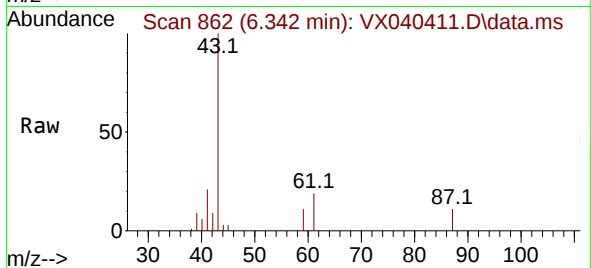
Tgt Ion: 43	Resp: 1255
Ion Ratio	Lower Upper
43 100	
61 17.8	15.2 22.8
87 10.9	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#44

Trichloroethene

Concen: 4.772 ug/l

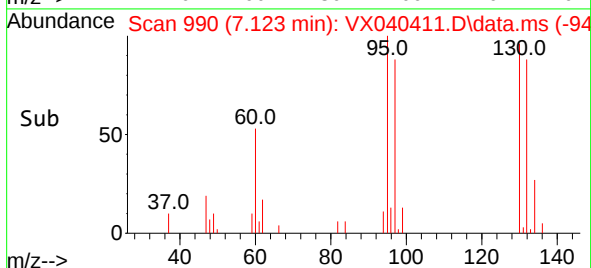
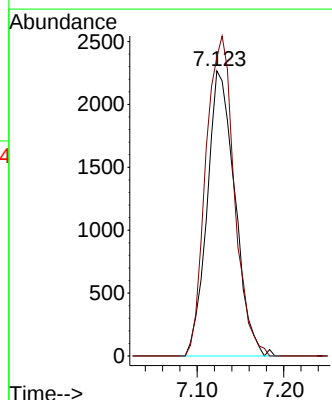
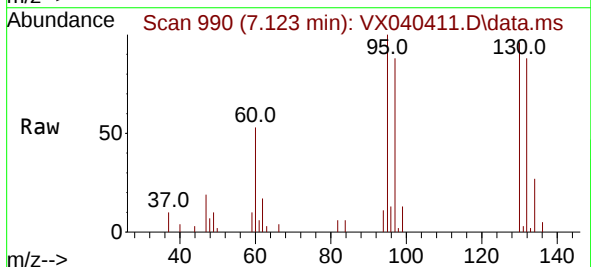
RT: 7.123 min Scan# 990

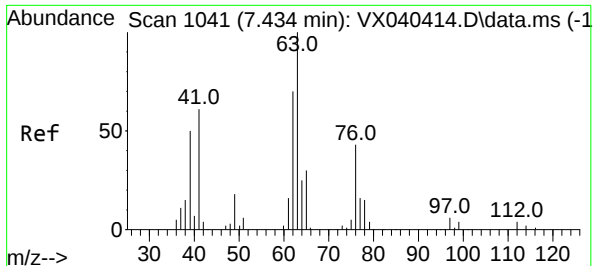
Delta R.T. -0.006 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Tgt Ion:130	Resp: 5055
Ion Ratio	Lower Upper
130 100	
95 104.7	0.0 204.4





#45

1,2-Dichloropropane

Concen: 5.012 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 5418

Ion Ratio Lower Upper

63 100

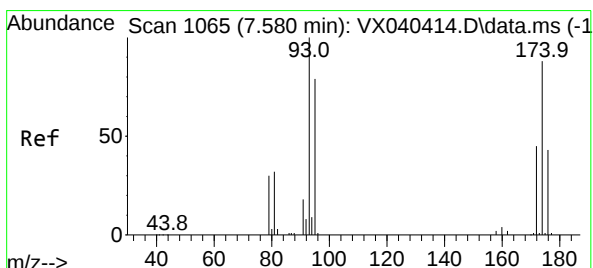
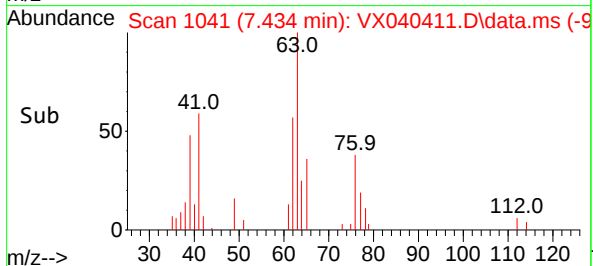
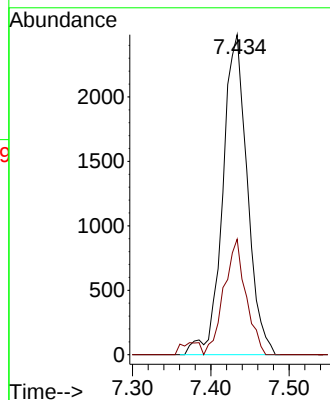
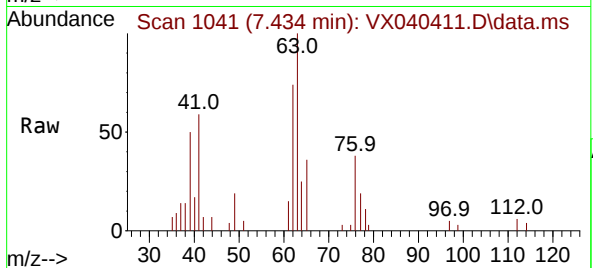
65 36.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#46

Dibromomethane

Concen: 4.982 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

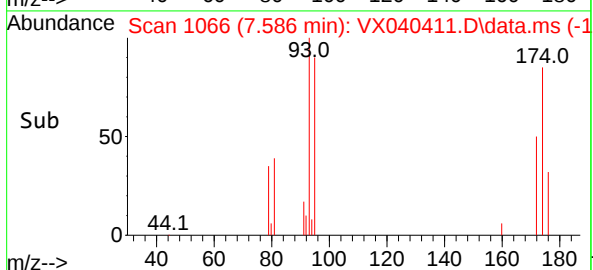
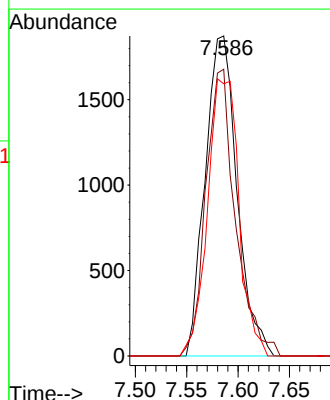
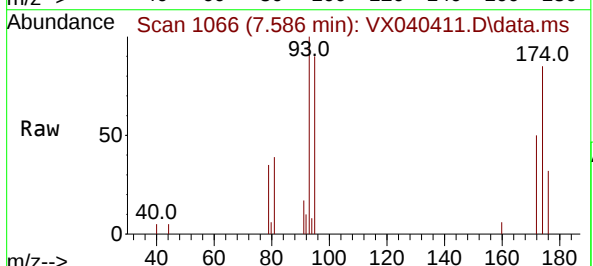
Tgt Ion: 93 Resp: 4040

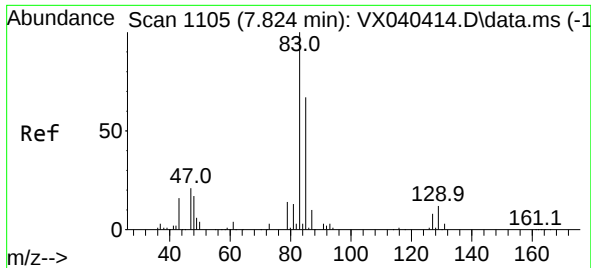
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 85.1 69.4 104.0





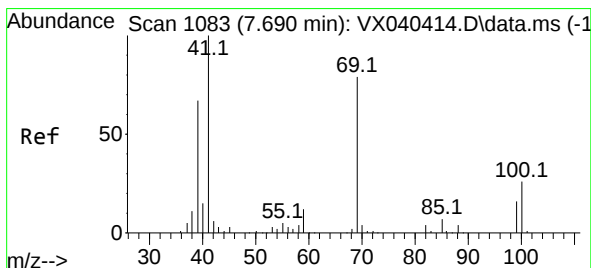
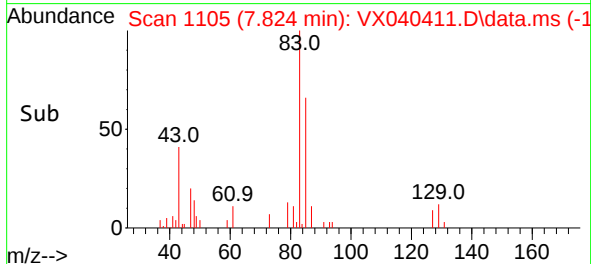
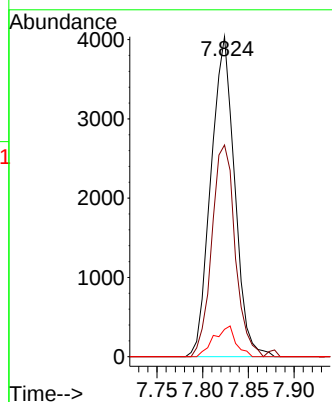
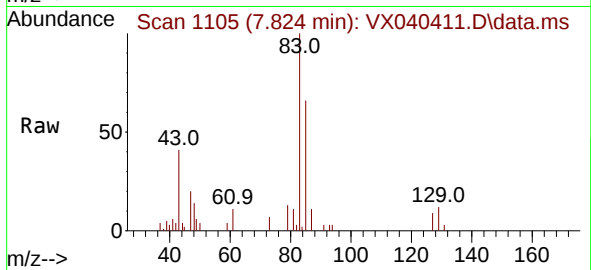
#47
Bromodichloromethane
Concen: 4.820 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 7275
Ion Ratio Lower Upper
83 100
85 66.1 49.8 74.6
127 8.5 7.1 10.7

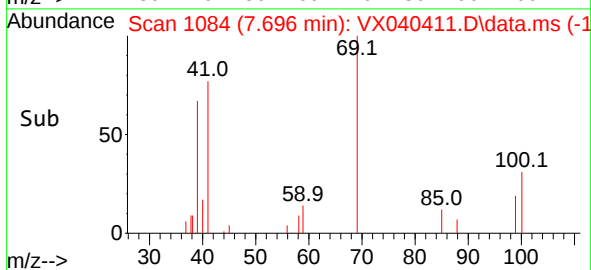
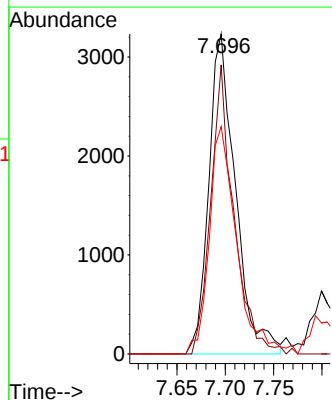
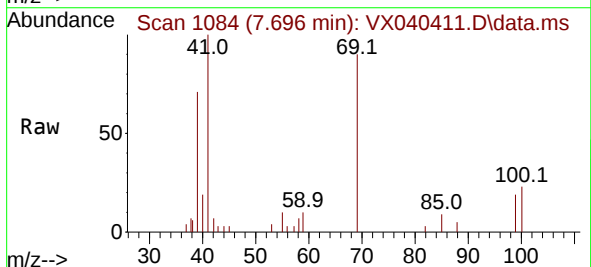
Manual Integrations
APPROVED

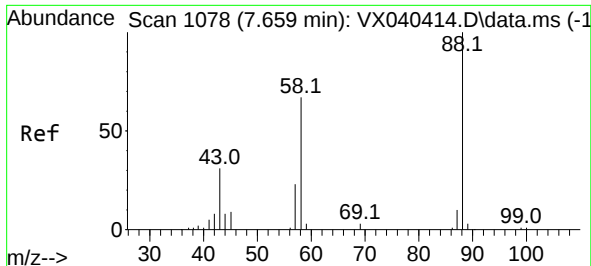
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#48
Methyl methacrylate
Concen: 4.800 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Tgt Ion: 41 Resp: 6204
Ion Ratio Lower Upper
41 100
69 78.4 59.2 88.8
39 72.3 47.7 71.5#





#49

1,4-Dioxane

Concen: 99.217 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.012 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

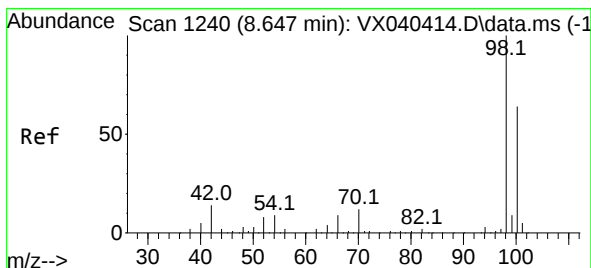
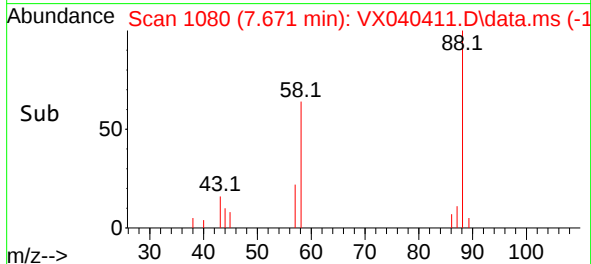
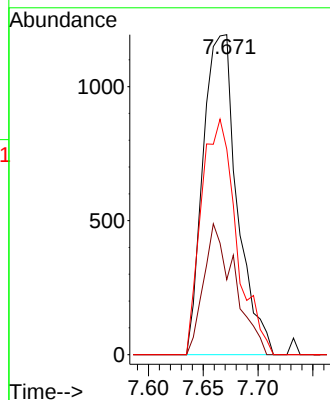
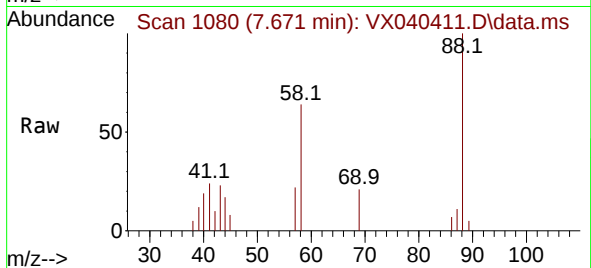
Tgt Ion:	88	Resp:	258
Ion	Ratio	Lower	Upper
88	100		
43	37.4	0.0	0.0
58	75.9	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#50

Toluene-d8

Concen: 4.841 ug/l

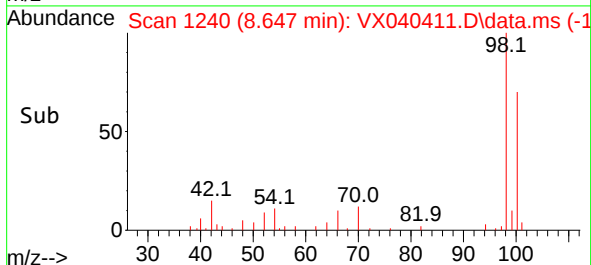
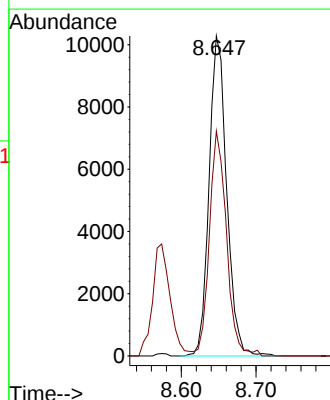
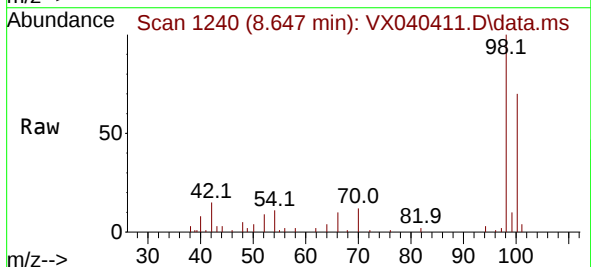
RT: 8.647 min Scan# 1240

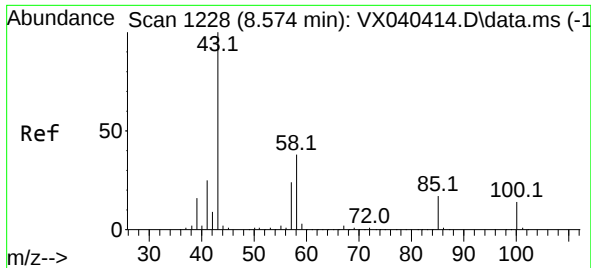
Delta R.T. 0.000 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Tgt Ion:	98	Resp:	16822
Ion	Ratio	Lower	Upper
98	100		
100	68.0	53.1	79.7





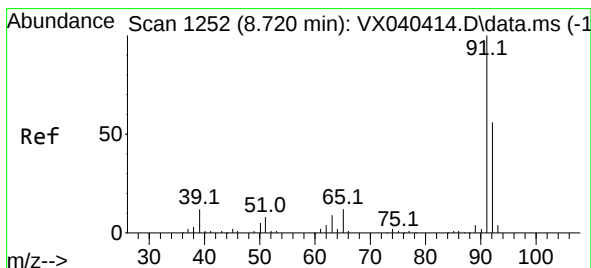
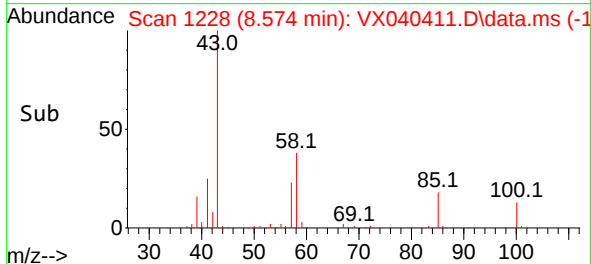
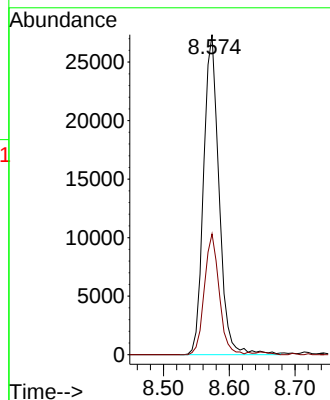
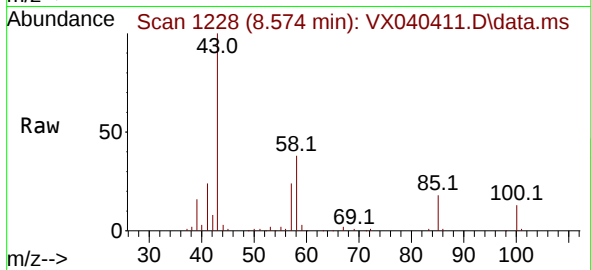
#51
4-Methyl-2-Pentanone
Concen: 25.294 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 44839
Ion Ratio Lower Upper
43 100
58 35.9 30.4 45.6

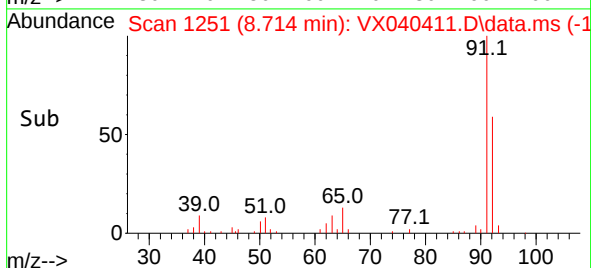
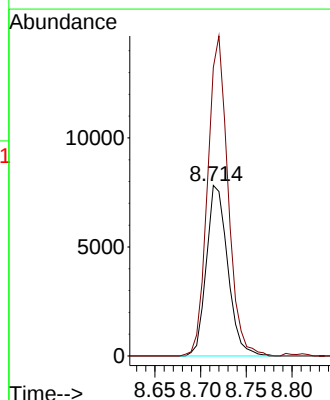
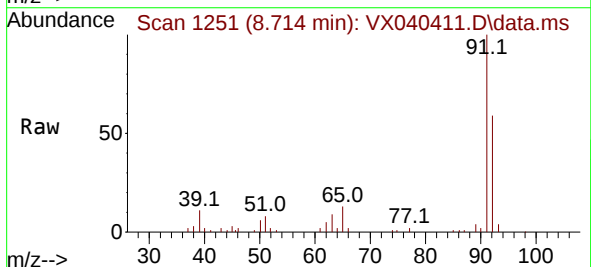
Manual Integrations
APPROVED

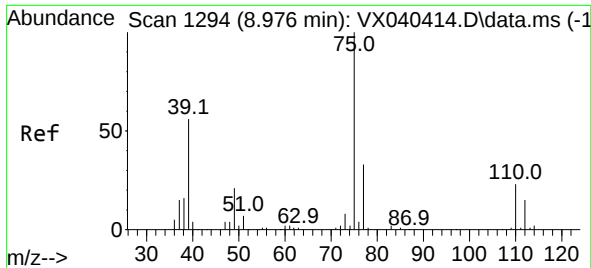
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#52
Toluene
Concen: 5.116 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Tgt Ion: 92 Resp: 12699
Ion Ratio Lower Upper
92 100
91 179.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 4.454 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 6778

Ion Ratio Lower Upper

75 100

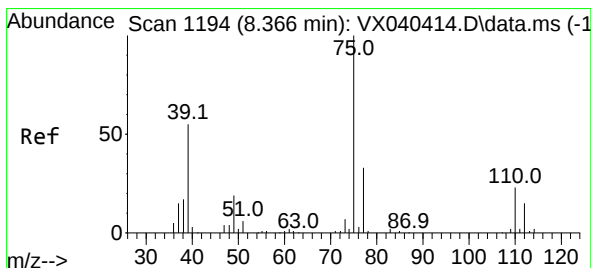
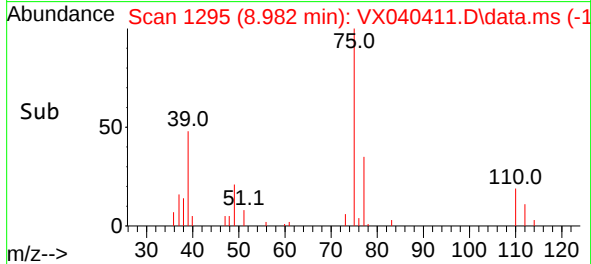
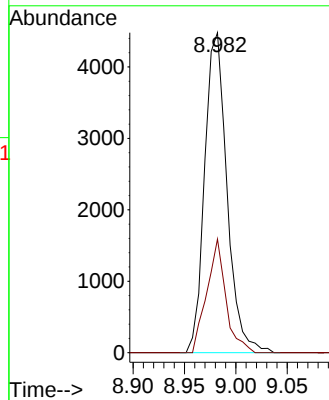
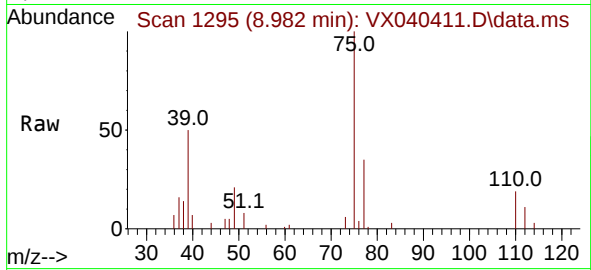
77 35.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#54

cis-1,3-Dichloropropene

Concen: 4.528 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

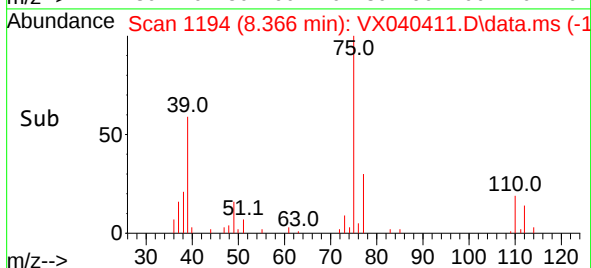
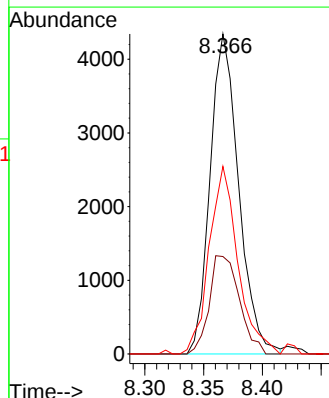
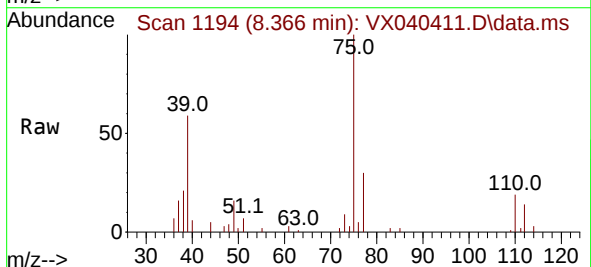
Tgt Ion: 75 Resp: 7339

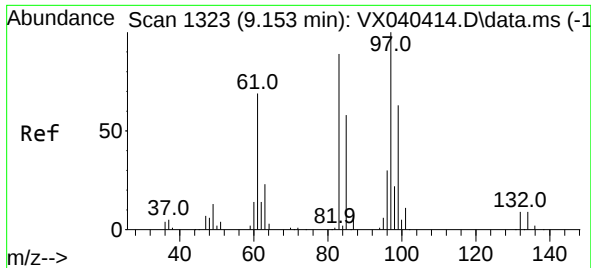
Ion Ratio Lower Upper

75 100

77 30.5 25.3 37.9

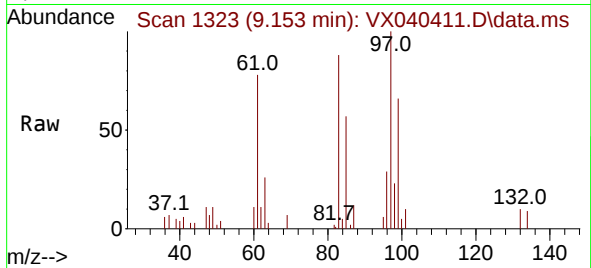
39 58.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 4.954 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

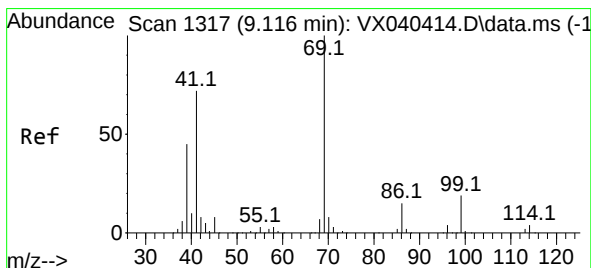
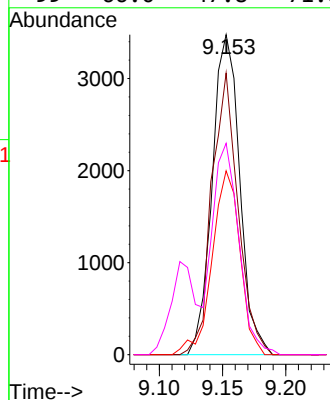
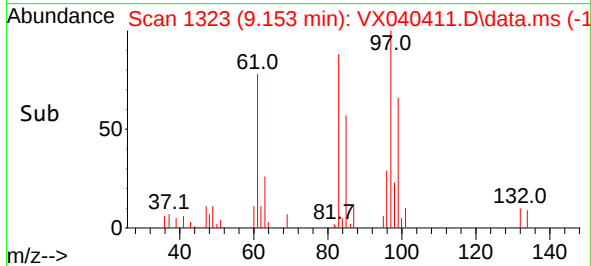
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.0	65.8	98.8
85	57.5	41.6	62.4
99	66.0	47.8	71.8

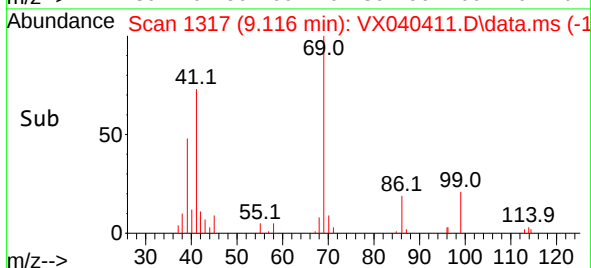
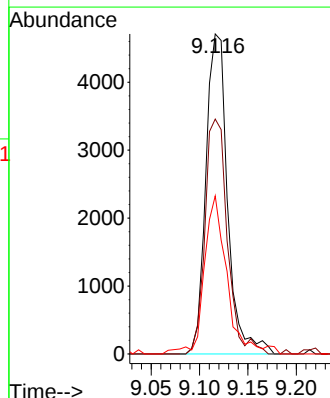
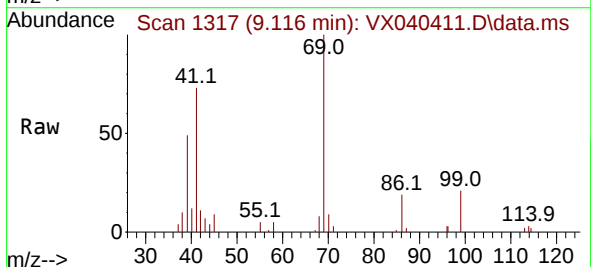
Manual Integrations
APPROVED

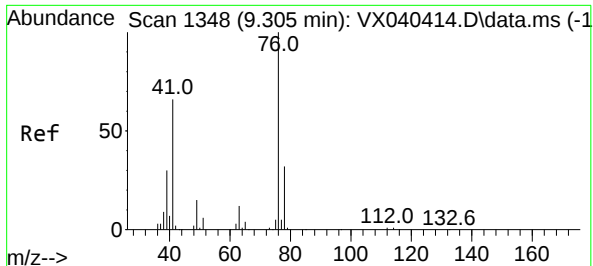
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#56
Ethyl methacrylate
Concen: 4.546 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.7	56.8	85.2
39	51.8	32.0	48.0





#57
1,3-Dichloropropane
Concen: 4.931 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Instrument :

MSVOA_X

ClientSampleId :

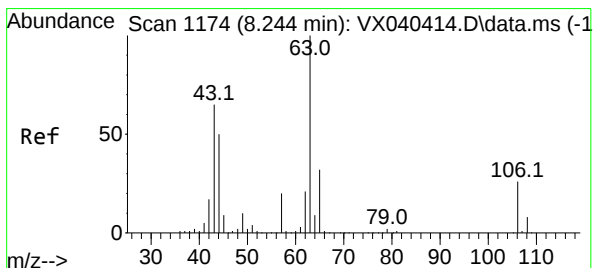
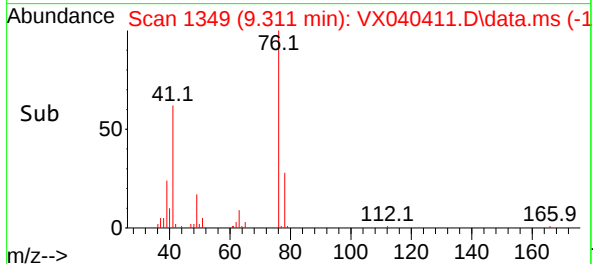
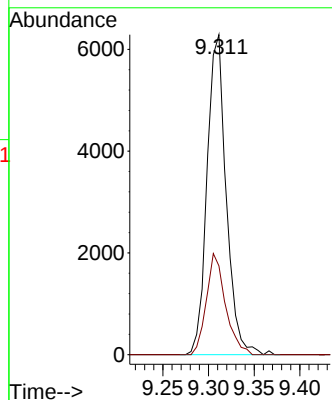
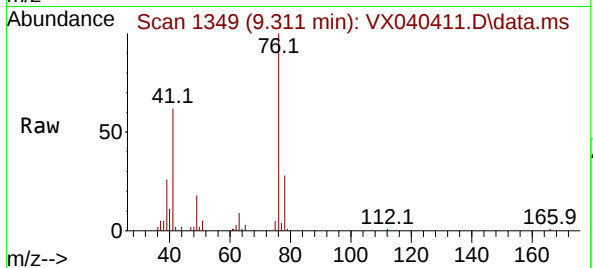
VSTDICC005

Tgt Ion: 76 Resp: 9130
Ion Ratio Lower Upper
76 100
78 31.7 26.1 39.1

Manual Integrations

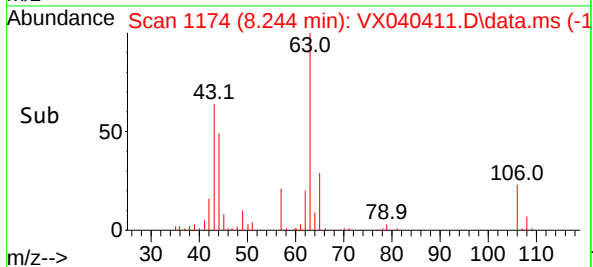
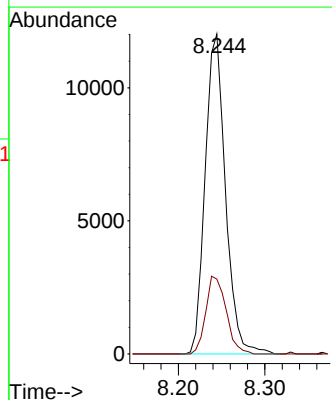
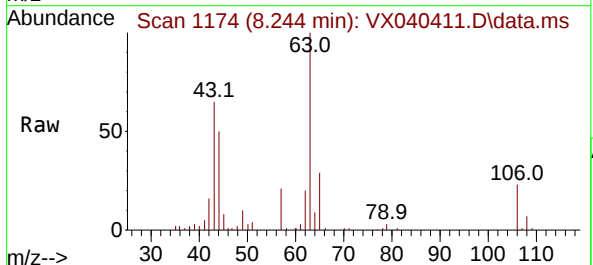
APPROVED

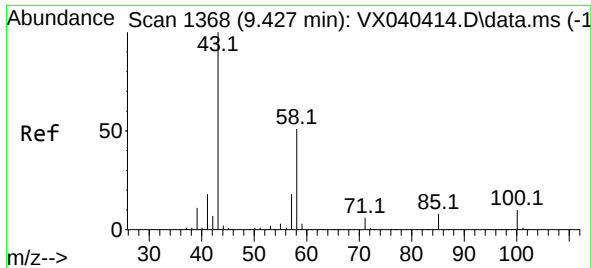
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#58
2-Chloroethyl Vinyl ether
Concen: 24.046 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

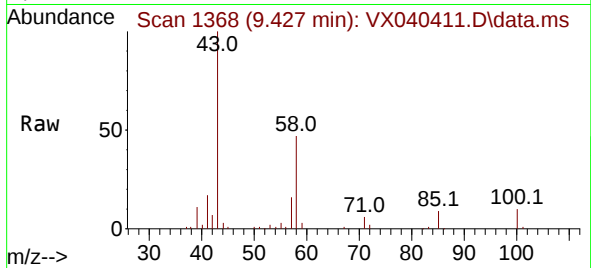
Tgt Ion: 63 Resp: 19580
Ion Ratio Lower Upper
63 100
106 24.3 22.5 33.7





#59
2-Hexanone
Concen: 24.241 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

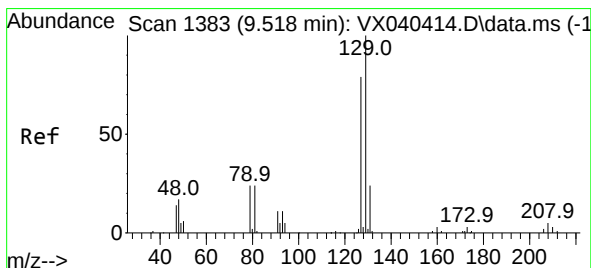
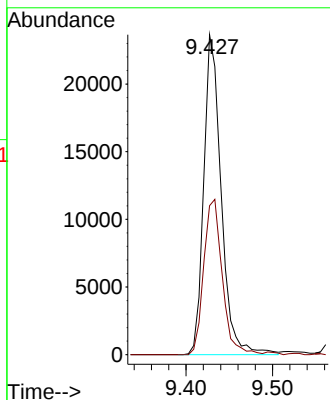
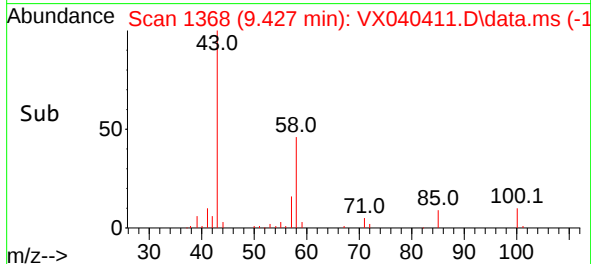
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 3314
Ion Ratio Lower Upper
43 100
58 51.5 26.2 78.5

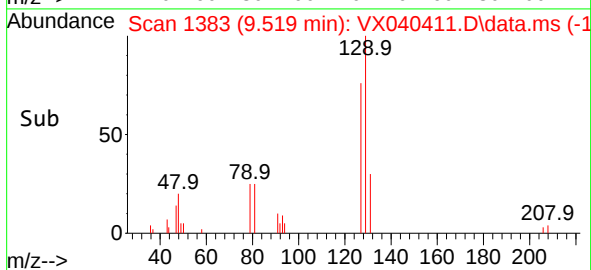
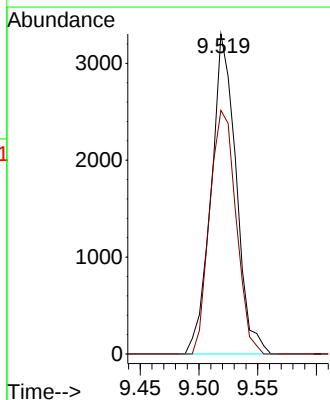
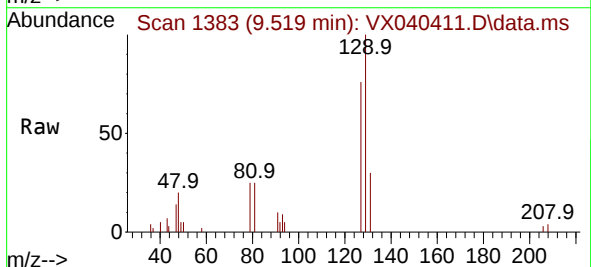
Manual Integrations
APPROVED

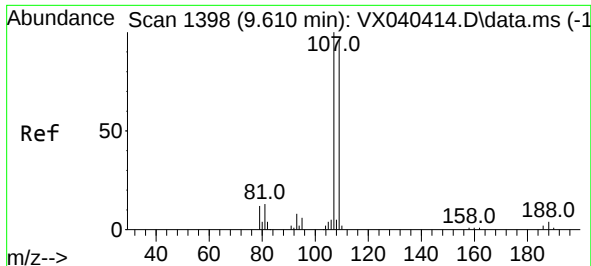
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#60
Dibromochloromethane
Concen: 4.572 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Tgt Ion:129 Resp: 4873
Ion Ratio Lower Upper
129 100
127 80.5 38.8 116.4





#61

1,2-Dibromoethane

Concen: 4.984 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:107 Resp: 569

Ion Ratio Lower Upper

107 100

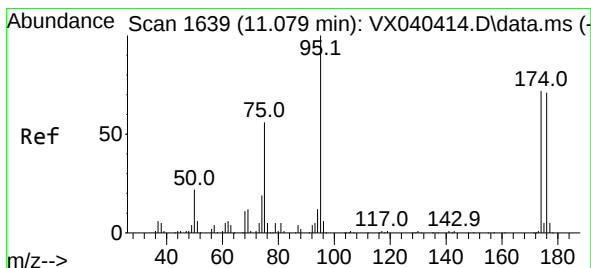
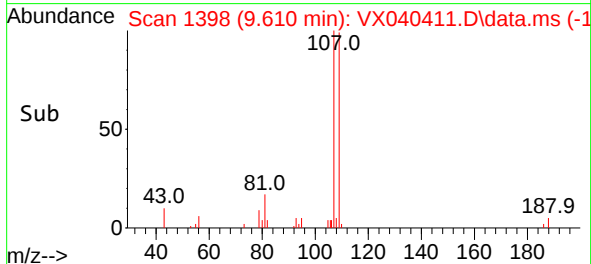
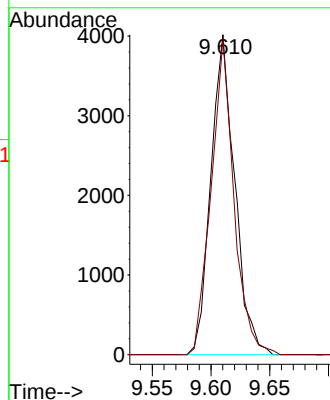
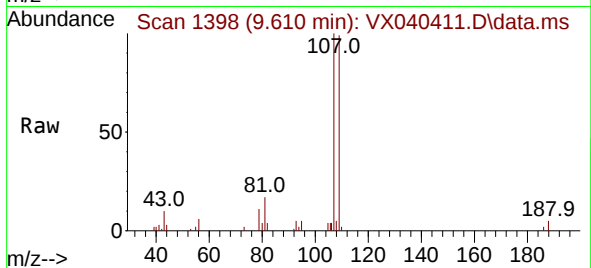
109 93.9 75.2 112.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#62

4-Bromofluorobenzene

Concen: 5.115 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

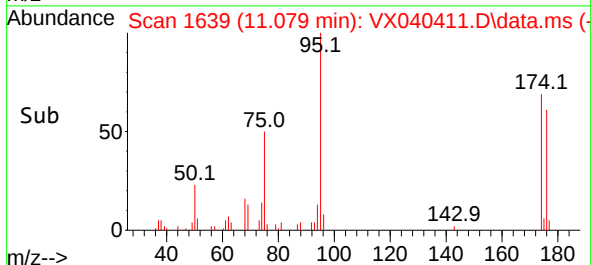
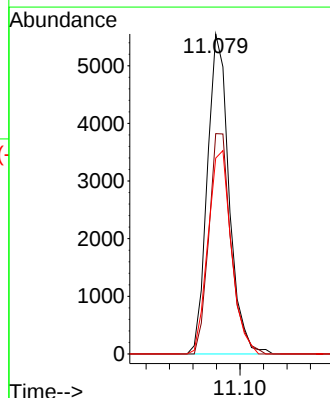
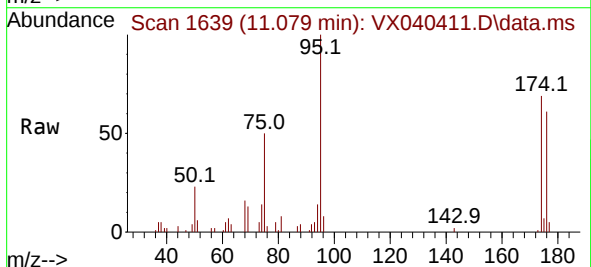
Tgt Ion: 95 Resp: 7123

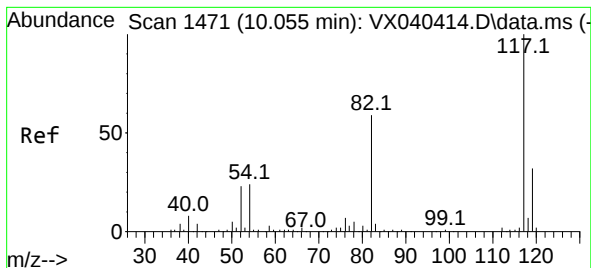
Ion Ratio Lower Upper

95 100

174 70.3 0.0 135.6

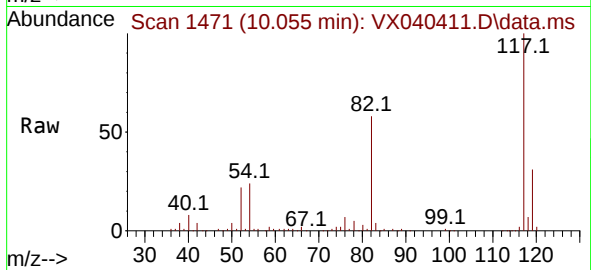
176 68.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

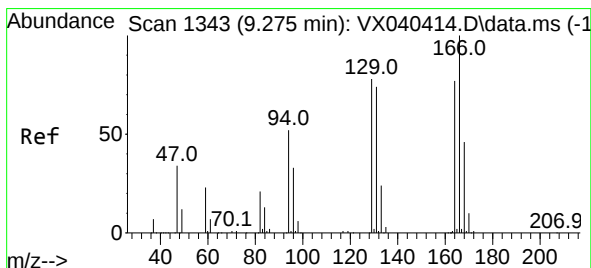
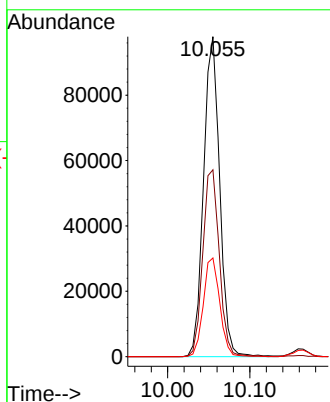
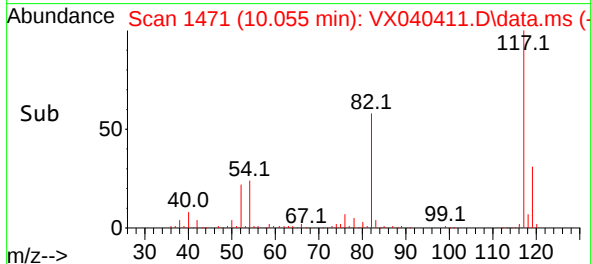
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



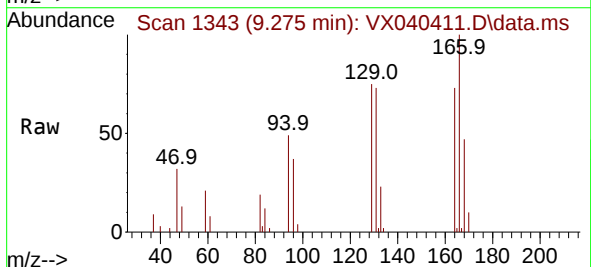
Tgt Ion:117 Resp: 133708
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 30.9 25.5 38.3

Manual Integrations
APPROVED

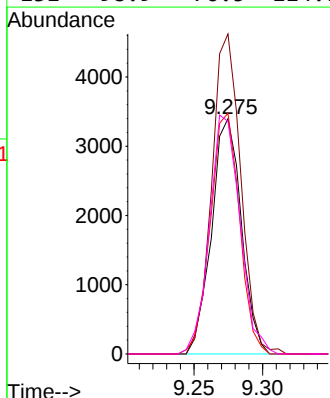
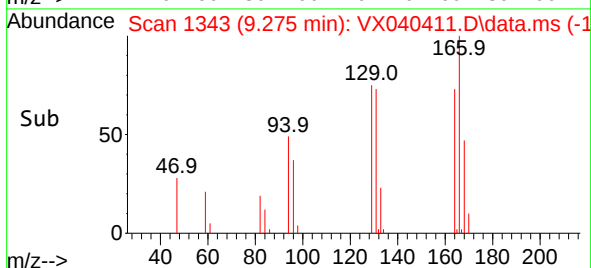
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

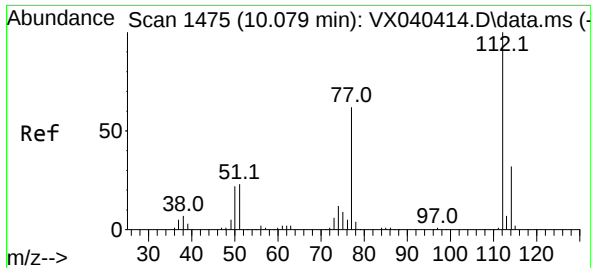


#64
Tetrachloroethene
Concen: 5.243 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33



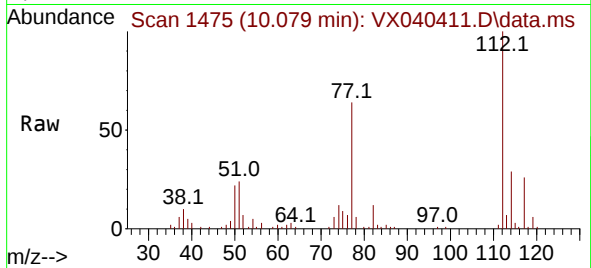
Tgt Ion:164 Resp: 5131
Ion Ratio Lower Upper
164 100
166 136.1 102.7 154.1
129 102.4 80.4 120.6
131 98.9 76.5 114.7





#65
Chlorobenzene
Concen: 5.129 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

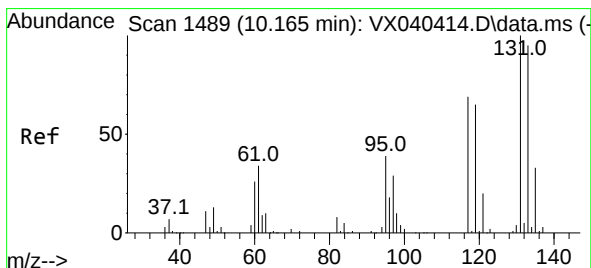
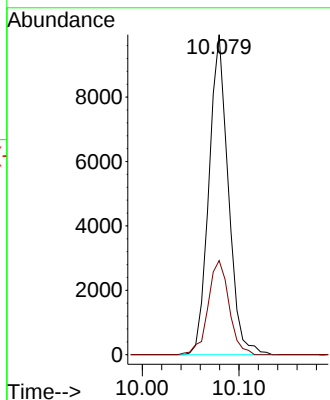
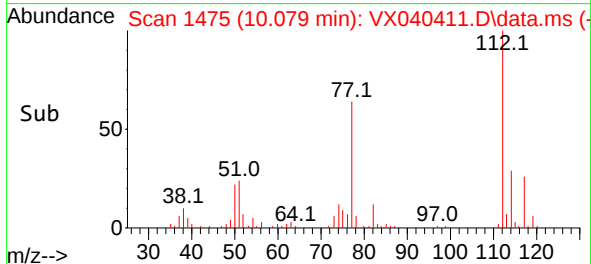
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



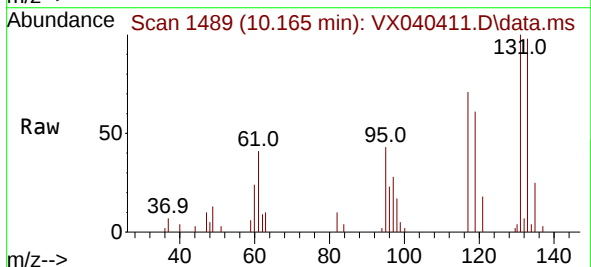
Tgt Ion:112 Resp: 1381
Ion Ratio Lower Upper
112 100
114 29.4 25.7 38.5

Manual Integrations
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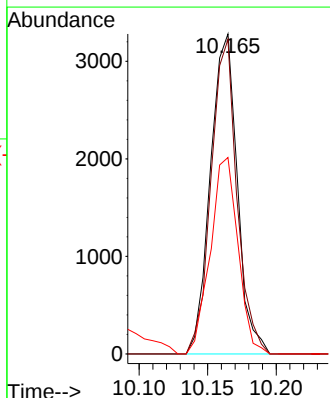
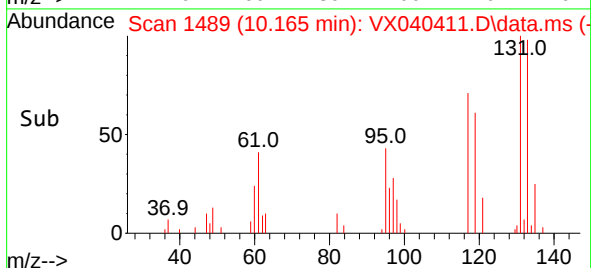
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

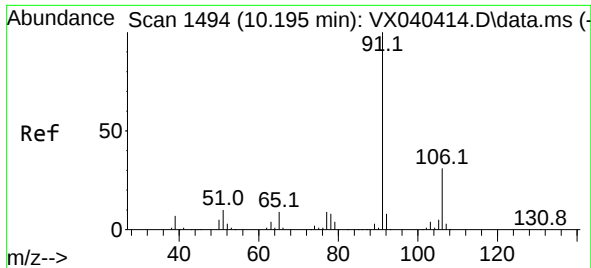


#66
1,1,1,2-Tetrachloroethane
Concen: 4.742 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33



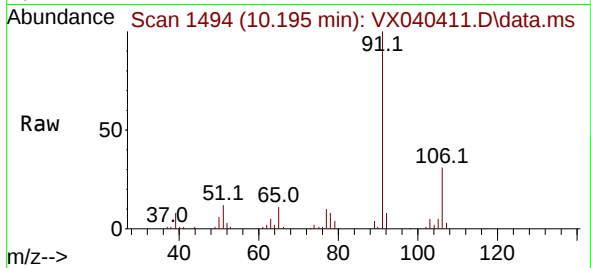
Tgt Ion:131 Resp: 4465
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 63.4 32.2 96.6





#67
Ethyl Benzene
Concen: 5.017 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

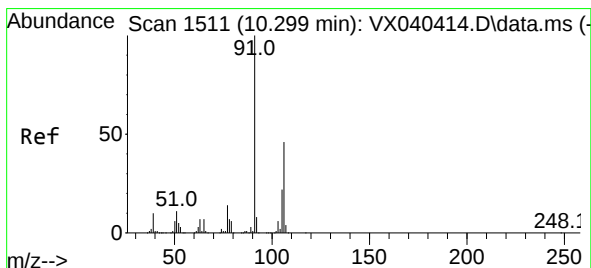
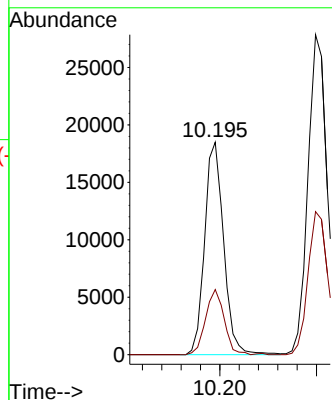
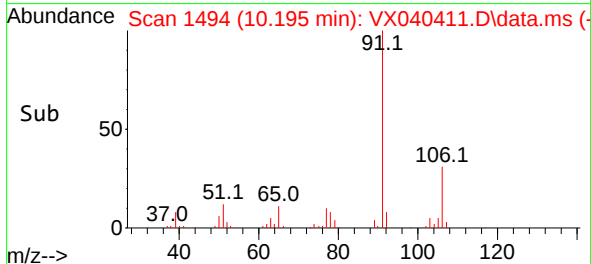
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



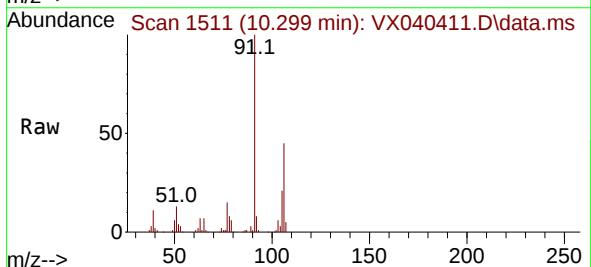
Tgt Ion: 91 Resp: 25349
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

Manual Integrations
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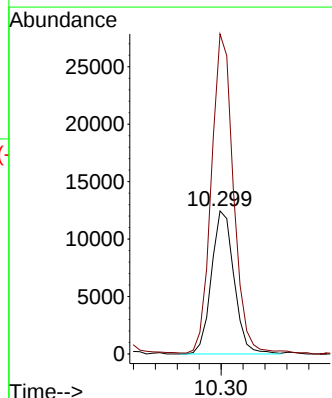
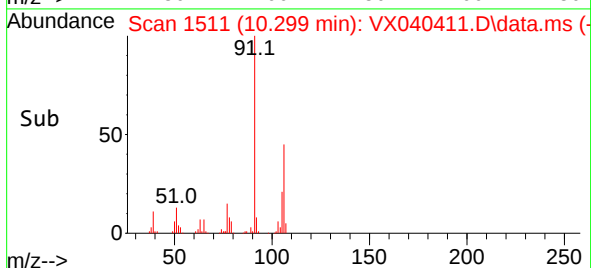
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

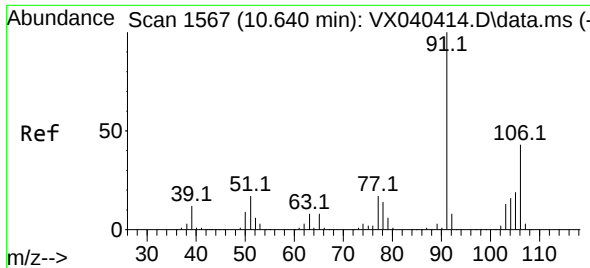


#68
m/p-Xylenes
Concen: 9.673 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33



Tgt Ion:106 Resp: 17818
Ion Ratio Lower Upper
106 100
91 220.6 165.5 248.3





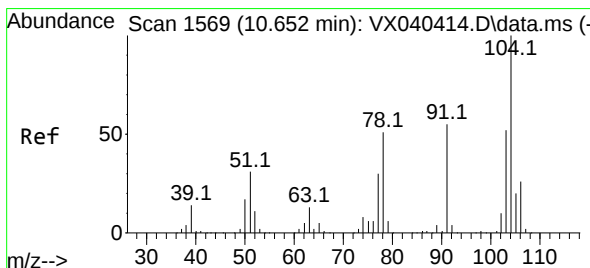
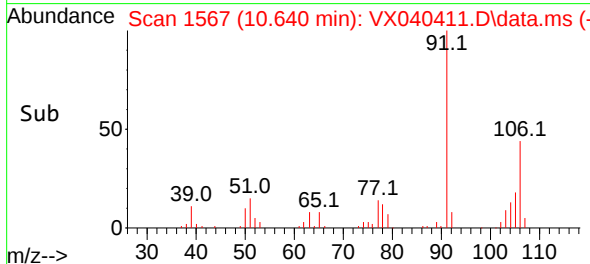
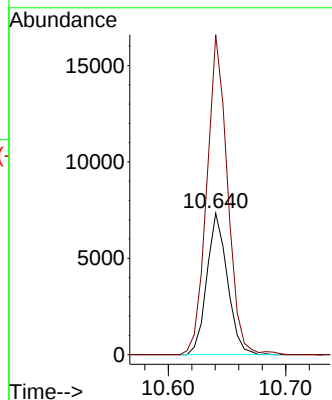
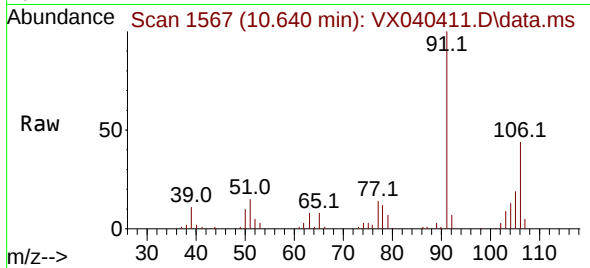
#69
o-Xylene
Concen: 4.886 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 8890
Ion Ratio Lower Upper
106 100
91 229.0 108.9 326.8

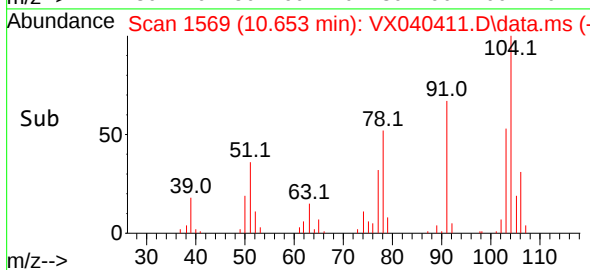
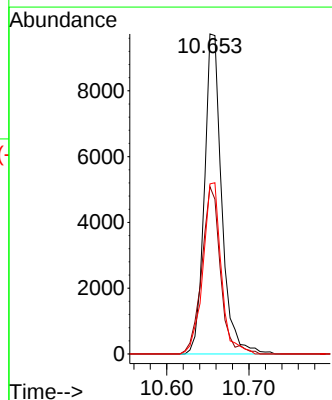
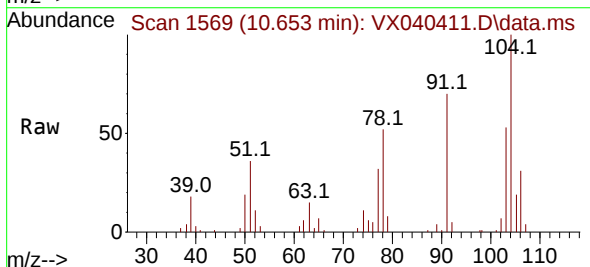
Manual Integrations
APPROVED

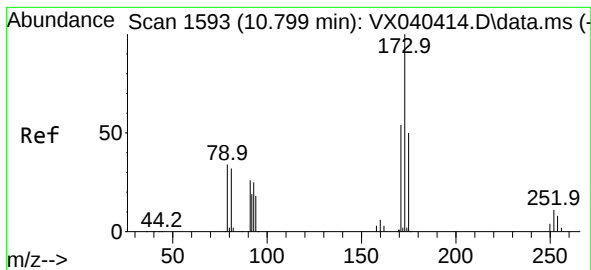
Reviewed By :John Carbone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#70
Styrene
Concen: 4.739 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

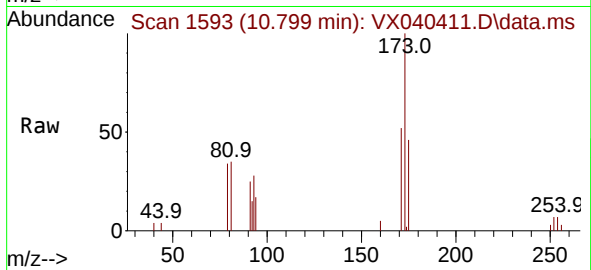
Tgt Ion:104 Resp: 14223
Ion Ratio Lower Upper
104 100
78 56.3 43.6 65.4
103 56.4 43.6 65.4





#71
Bromoform
Concen: 4.142 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

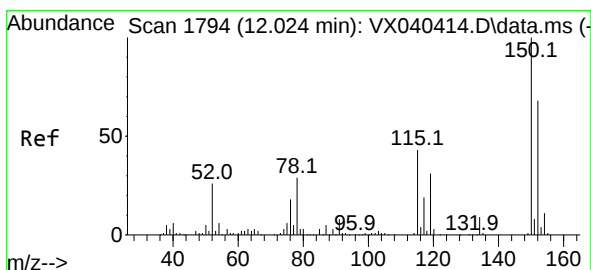
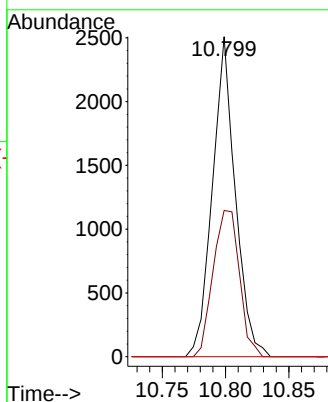
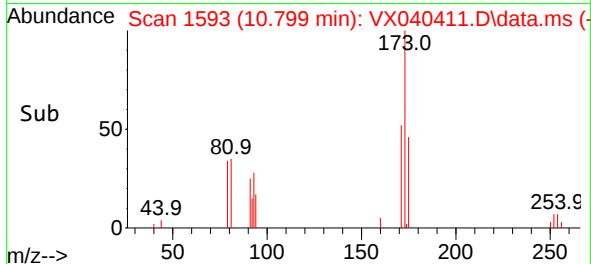
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:173 Resp: 315
Ion Ratio Lower Upper
173 100
175 52.6 24.1 72.4
254 0.0 0.0 0.0

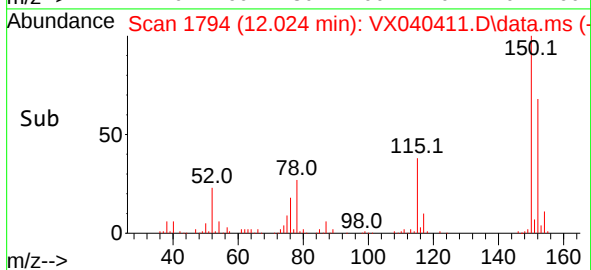
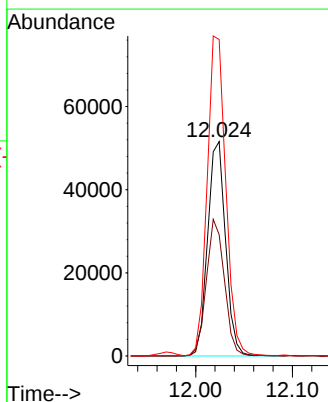
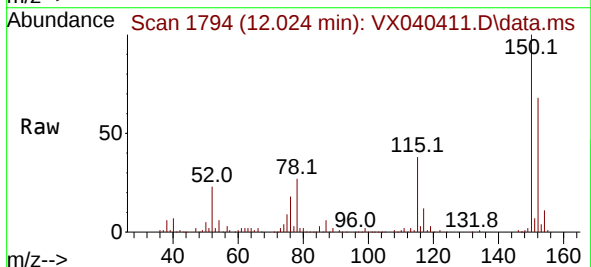
Manual Integrations
APPROVED

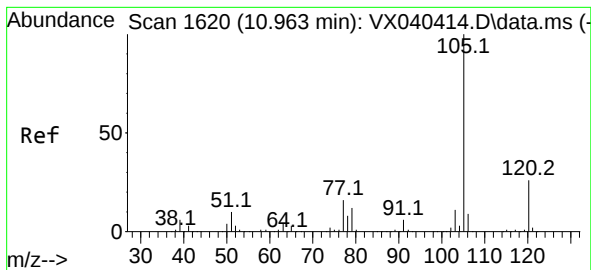
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Tgt Ion:152 Resp: 66478
Ion Ratio Lower Upper
152 100
115 64.3 43.3 129.9
150 154.5 0.0 345.0





#73

Isopropylbenzene

Concen: 4.968 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 23370

Ion Ratio Lower Upper

105 100

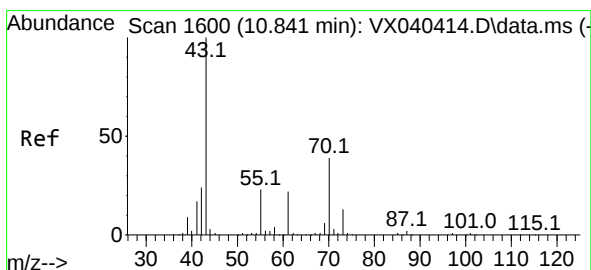
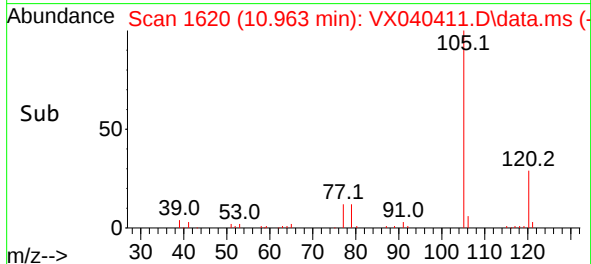
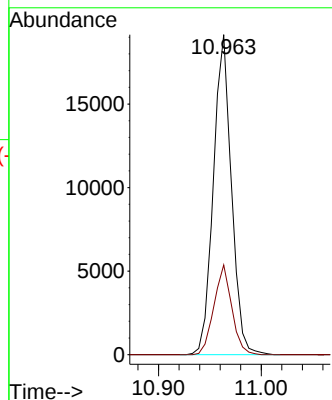
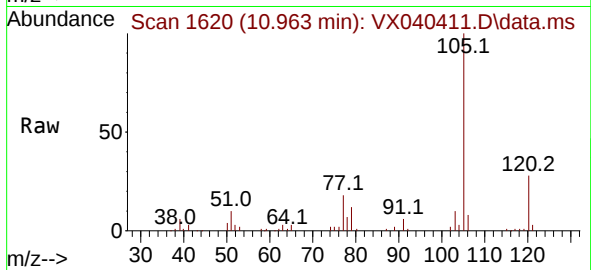
120 27.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#74

N-ethyl acetate

Concen: 4.653 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Tgt Ion: 43 Resp: 10155

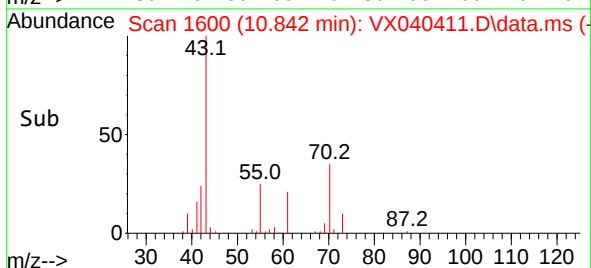
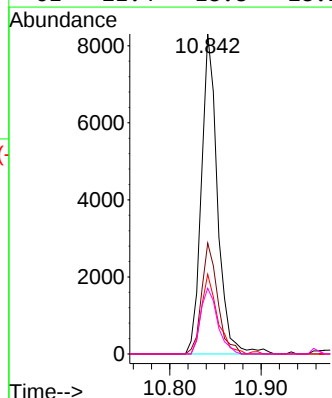
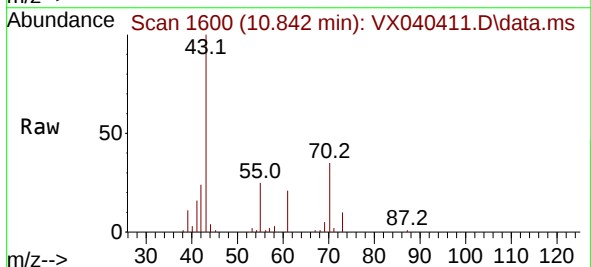
Ion Ratio Lower Upper

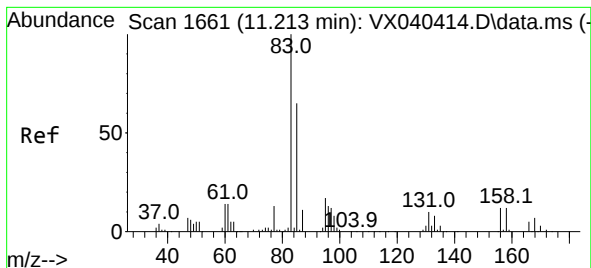
43 100

70 34.4 32.9 49.3

55 24.6 19.3 28.9

61 21.4 18.8 28.2





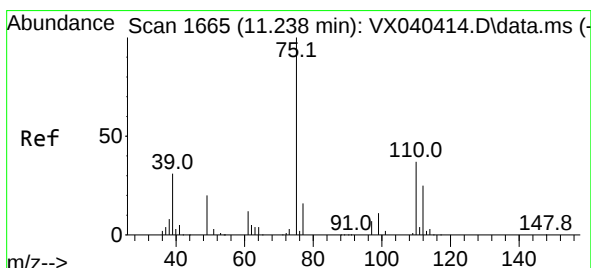
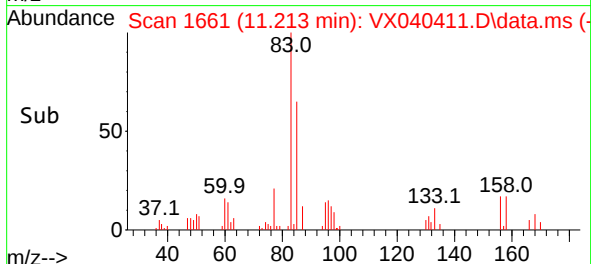
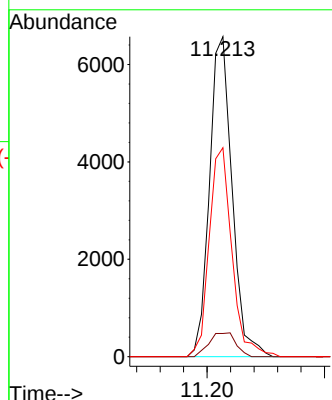
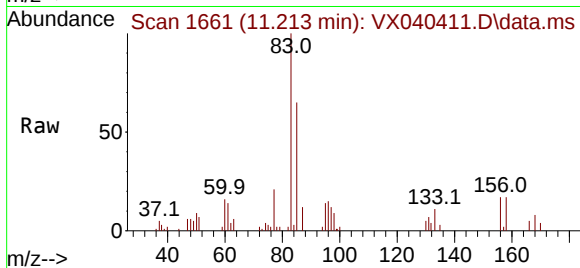
#75
1,1,2,2-Tetrachloroethane
Concen: 5.215 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 8769
Ion Ratio Lower Upper
83 100
131 8.9 5.3 15.8
85 65.6 32.0 96.2

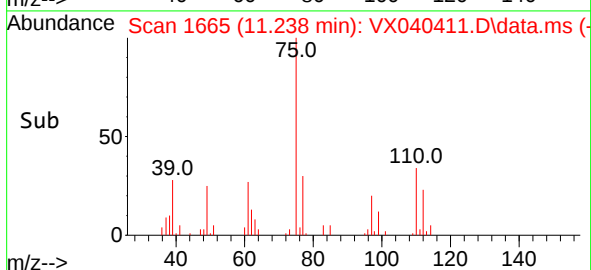
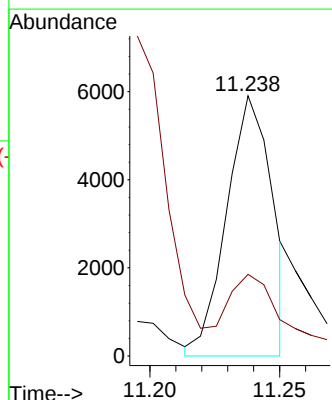
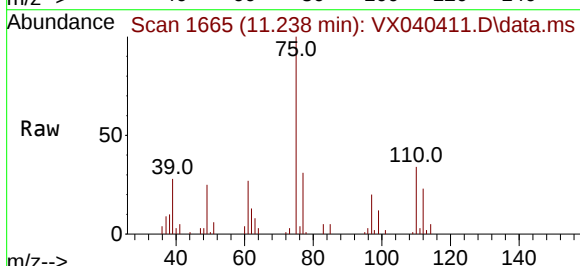
Manual Integrations
APPROVED

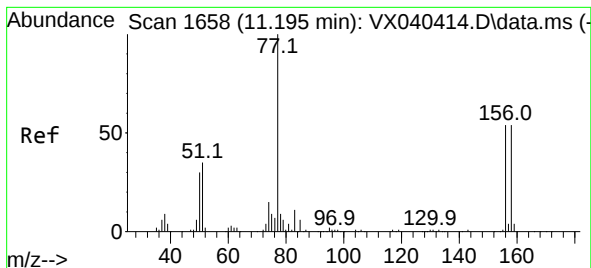
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#76
1,2,3-Trichloropropane
Concen: 4.888 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Tgt Ion: 75 Resp: 7226
Ion Ratio Lower Upper
75 100
77 40.9 19.1 57.5





#77

Bromobenzene

Concen: 4.878 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

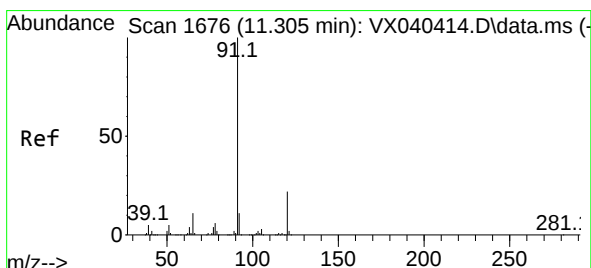
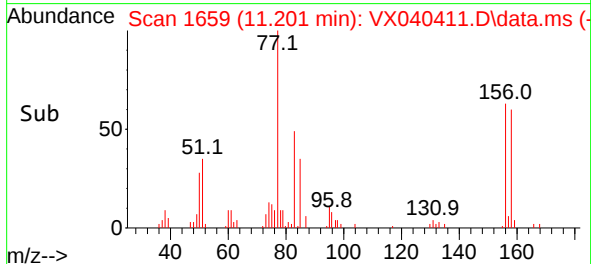
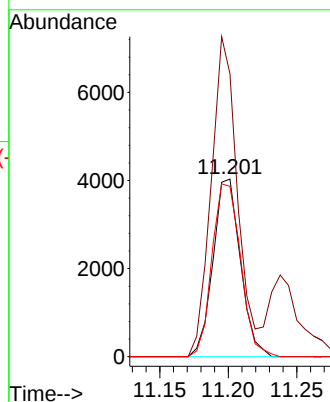
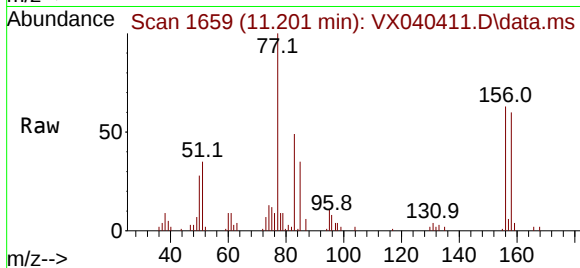
Tgt Ion:	156	Resp:	560
Ion Ratio	Lower	Upper	
156	100		
77	170.6	88.4	265.3
158	101.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#78

n-propylbenzene

Concen: 4.969 ug/l

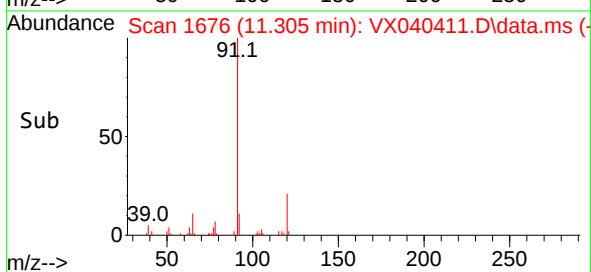
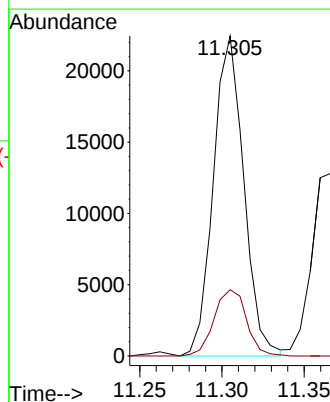
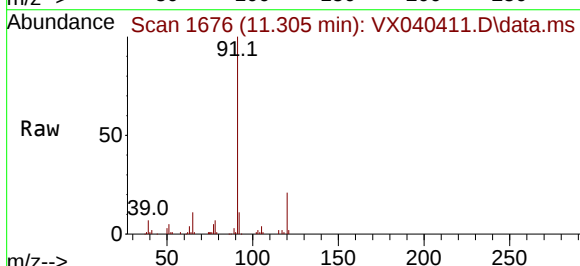
RT: 11.305 min Scan# 1676

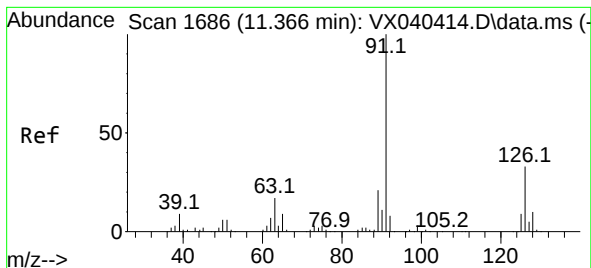
Delta R.T. 0.000 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Tgt Ion:	91	Resp:	28869
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.5	34.4





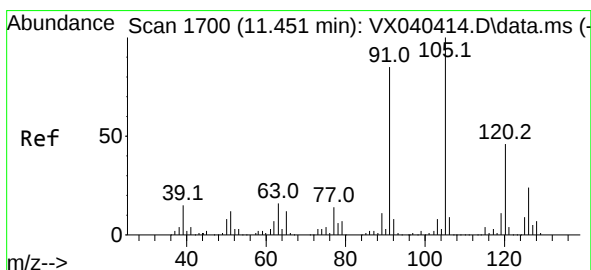
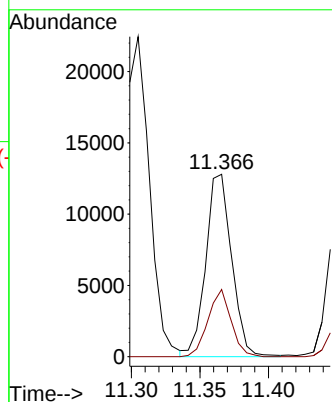
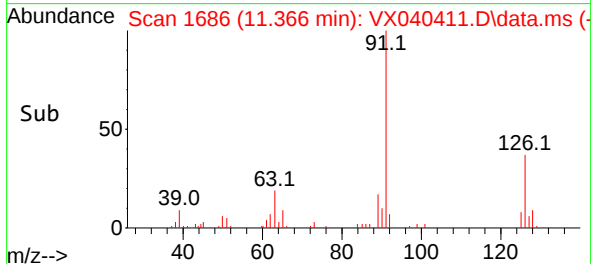
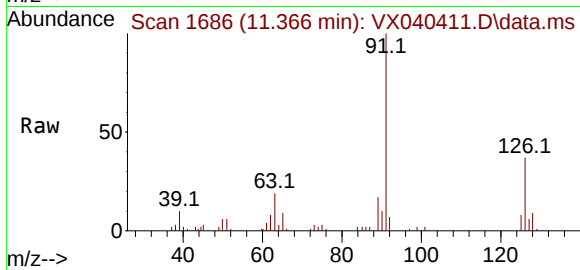
#79
2-Chlorotoluene
Concen: 4.868 ug/l
RT: 11.366 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 16879
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.8

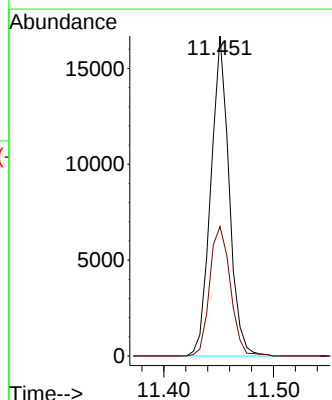
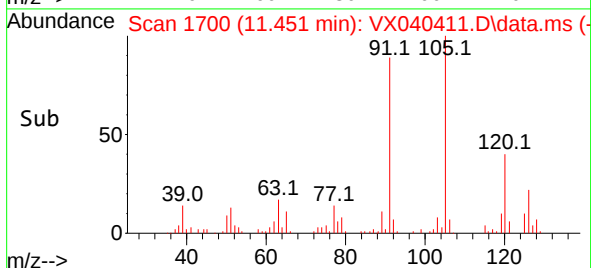
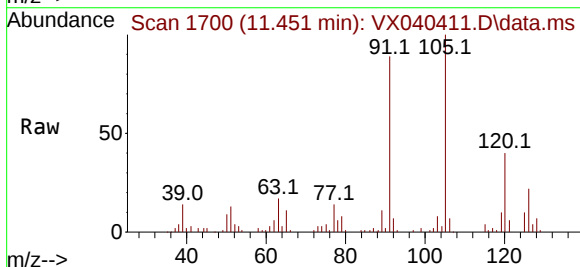
Manual Integrations
APPROVED

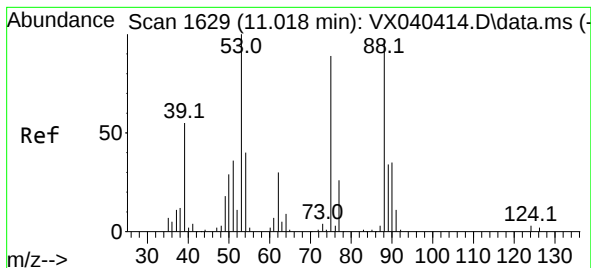
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 4.838 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

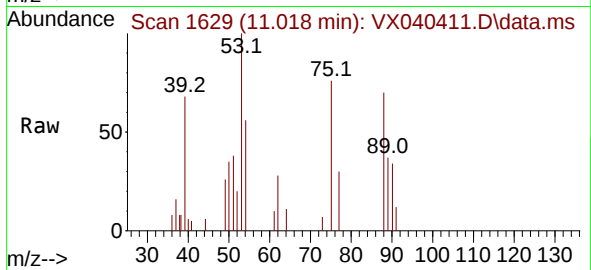
Tgt Ion:105 Resp: 19332
Ion Ratio Lower Upper
105 100
120 45.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 3.802 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

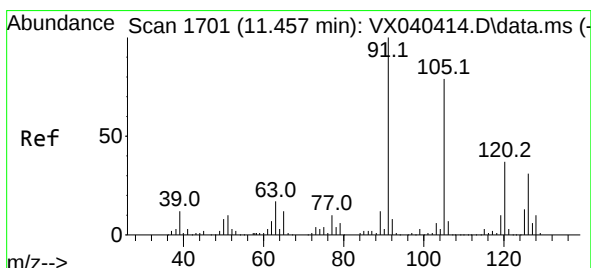
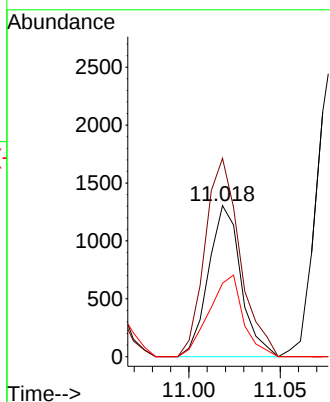
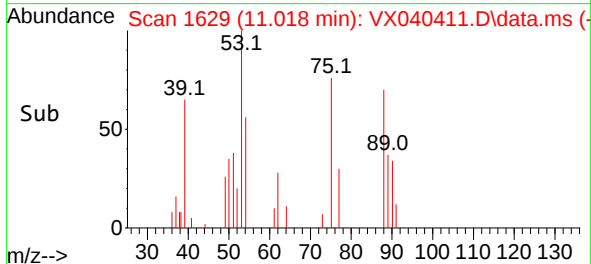
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 161
Ion Ratio Lower Upper
75 100
53 141.2 90.5 135.7
89 56.5 36.9 55.3

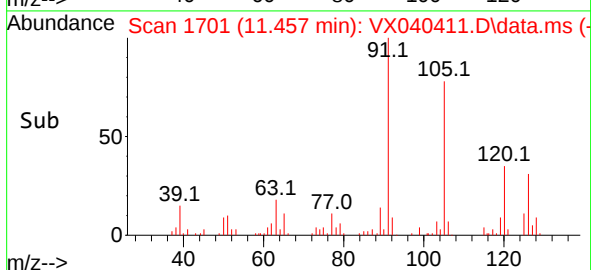
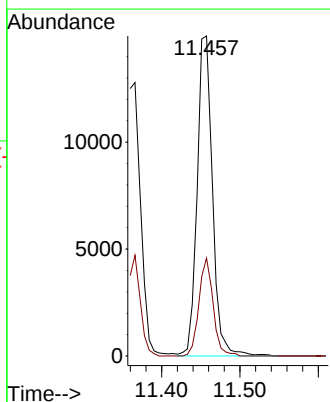
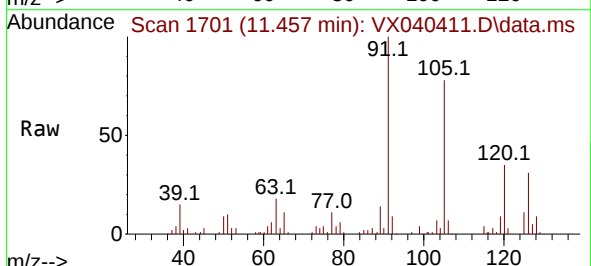
Manual Integrations
APPROVED

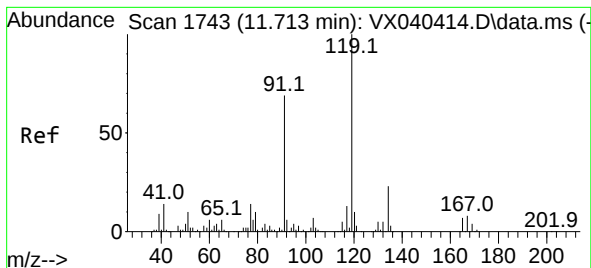
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#82
4-Chlorotoluene
Concen: 5.026 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Tgt Ion: 91 Resp: 20426
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 4.794 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

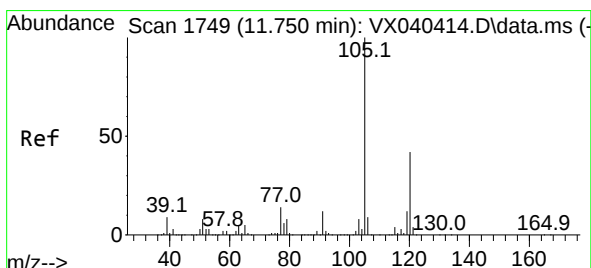
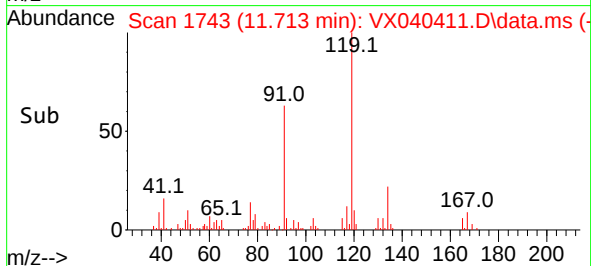
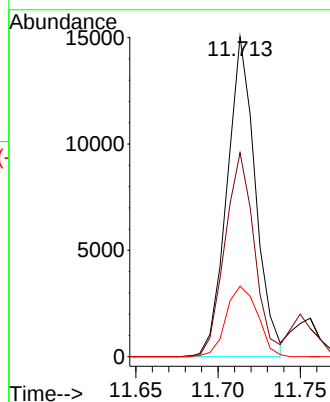
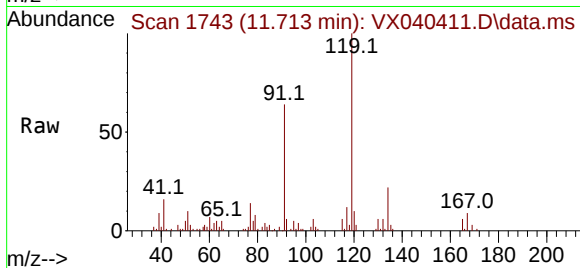
Tgt Ion:	119	Resp:	1805
Ion Ratio	Lower	Upper	
119	100		
91	66.6	31.2	93.6
134	24.6	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#84

1,2,4-Trimethylbenzene

Concen: 4.836 ug/l

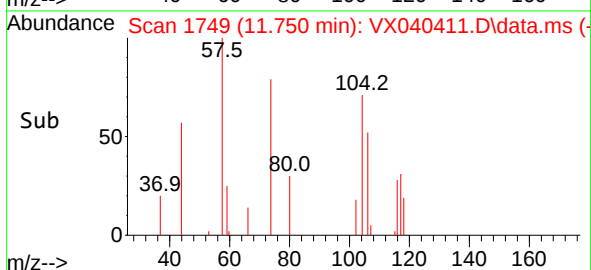
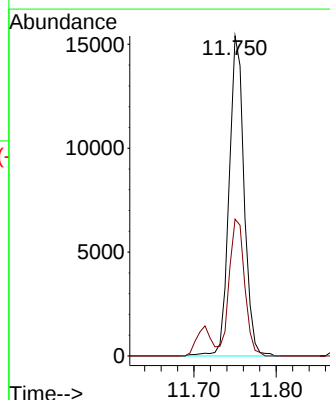
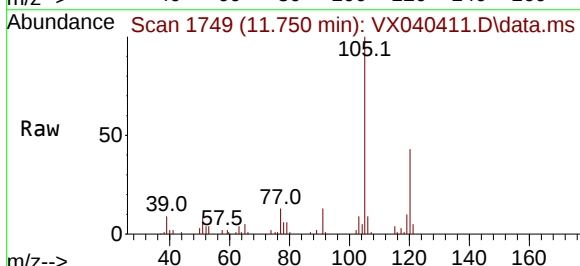
RT: 11.750 min Scan# 1749

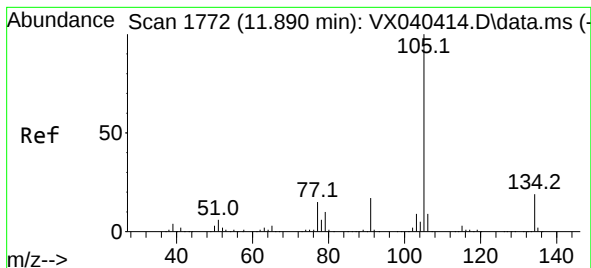
Delta R.T. 0.000 min

Lab File: VX040411.D

Acq: 22 Feb 2024 21:33

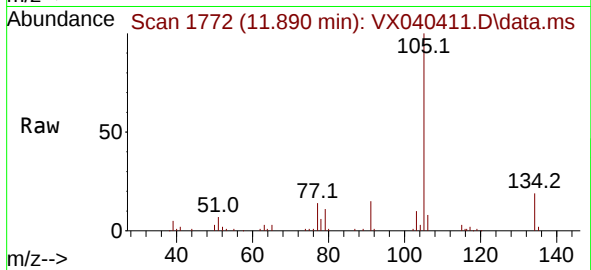
Tgt Ion:	105	Resp:	19499
Ion Ratio	Lower	Upper	
105	100		
120	44.4	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 5.080 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040411.D
 Acq: 22 Feb 2024 21:33

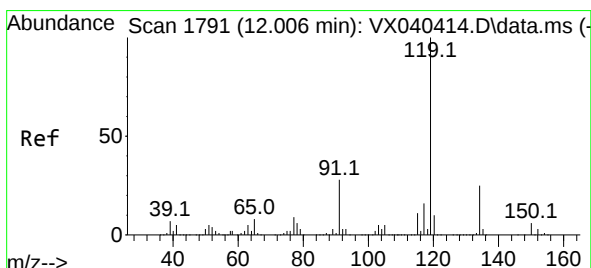
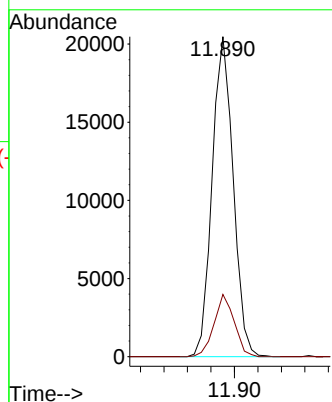
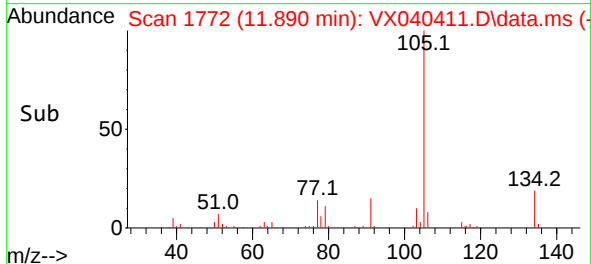
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



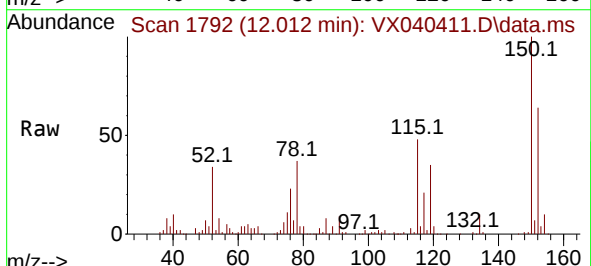
Tgt Ion:105 Resp: 2547
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4

Manual Integrations
 APPROVED

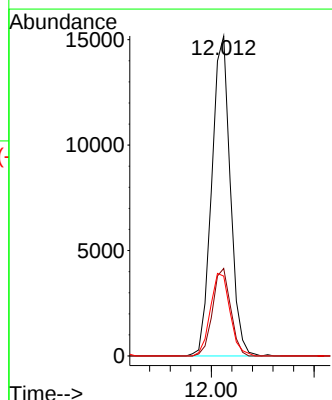
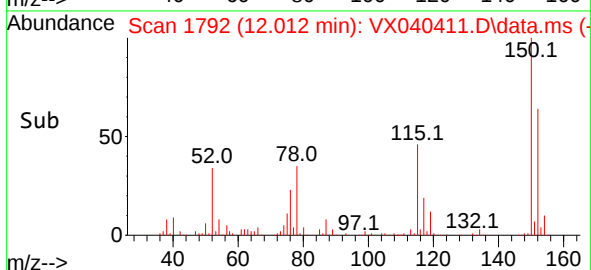
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024

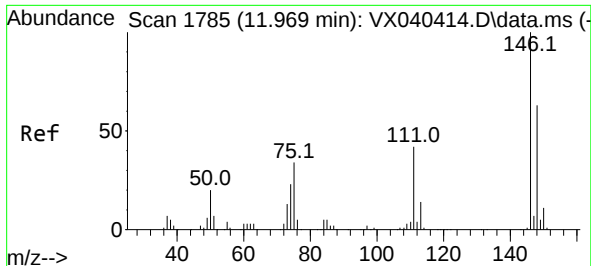


#86
 p-Isopropyltoluene
 Concen: 4.729 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX040411.D
 Acq: 22 Feb 2024 21:33



Tgt Ion:119 Resp: 18945
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 27.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.762 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040411.D

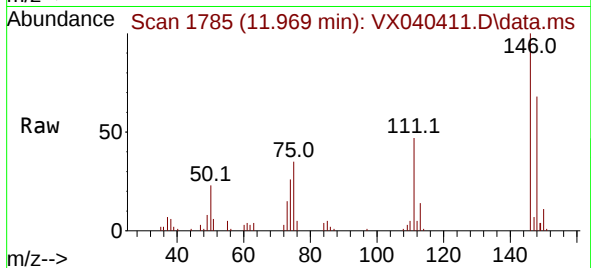
Acq: 22 Feb 2024 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



Tgt Ion:146 Resp: 10469

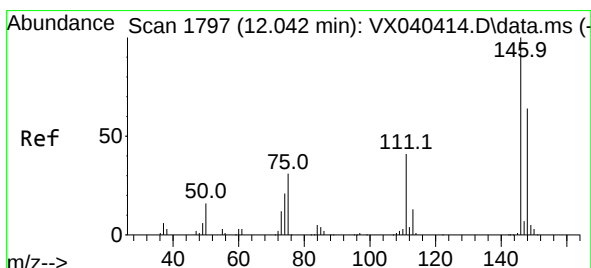
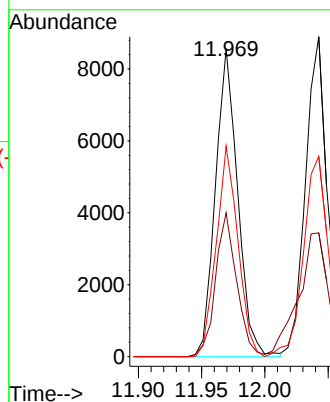
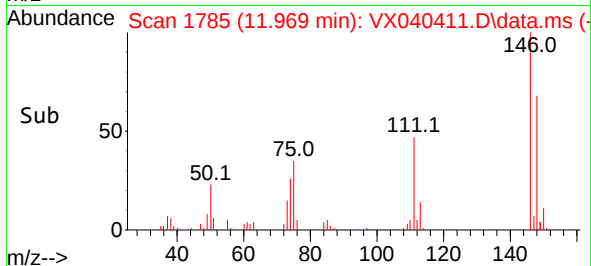
Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.1	66.1
148	66.5	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#88

1,4-Dichlorobenzene

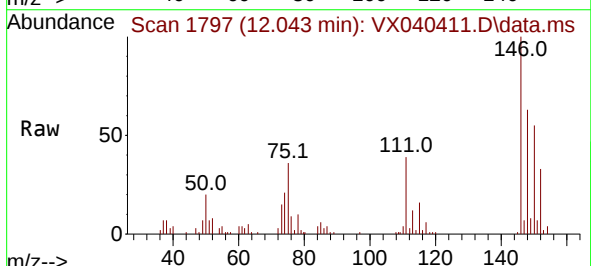
Concen: 4.776 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

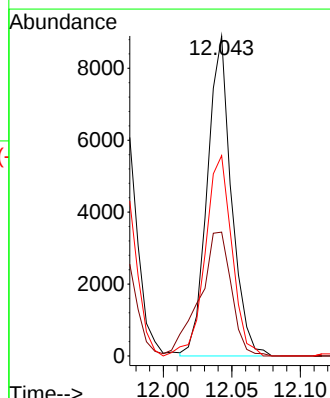
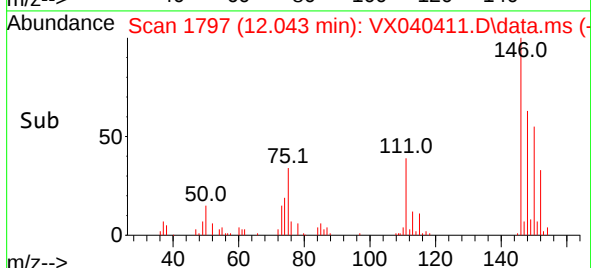
Lab File: VX040411.D

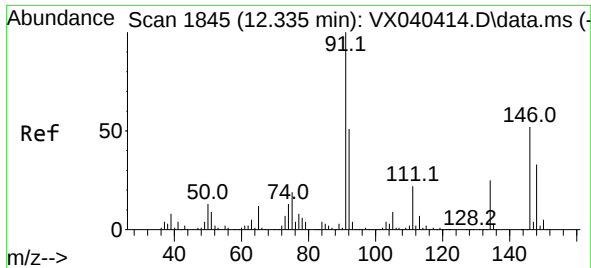
Acq: 22 Feb 2024 21:33



Tgt Ion:146 Resp: 10884

Ion	Ratio	Lower	Upper
146	100		
111	50.9	21.3	63.7
148	69.2	31.8	95.4





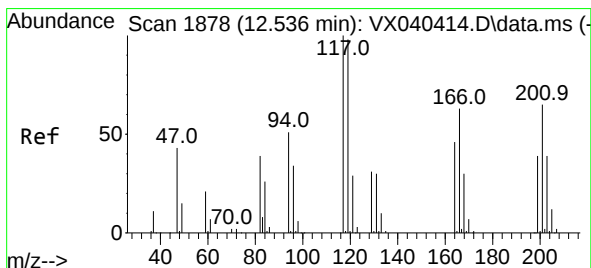
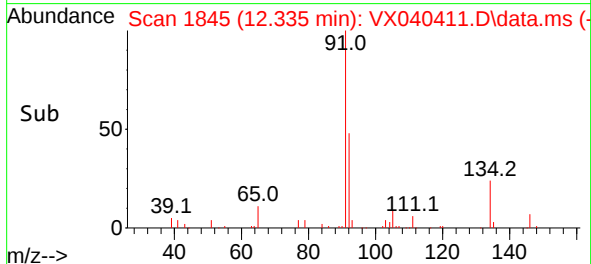
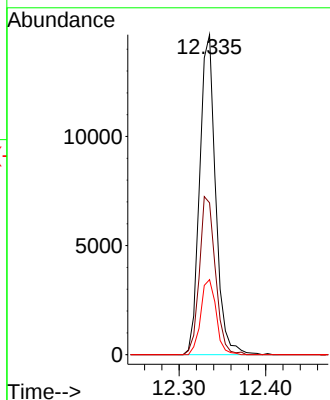
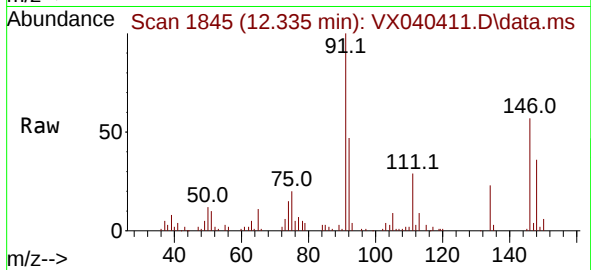
#89
n-Butylbenzene
Concen: 4.758 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 1875
Ion Ratio Lower Upper
91 100
92 49.4 27.4 82.0
134 22.7 12.6 37.8

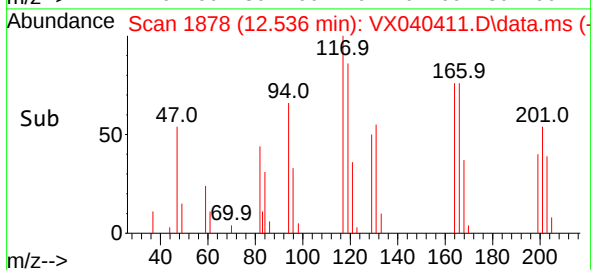
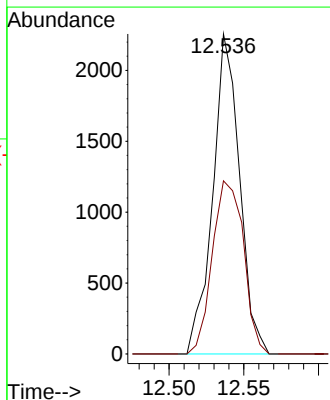
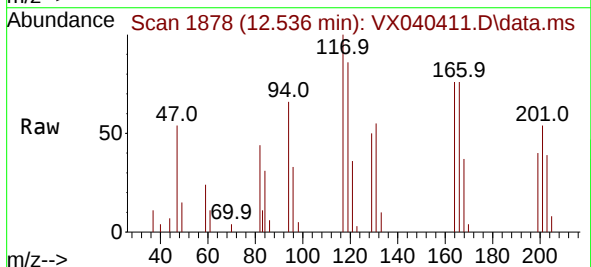
Manual Integrations
APPROVED

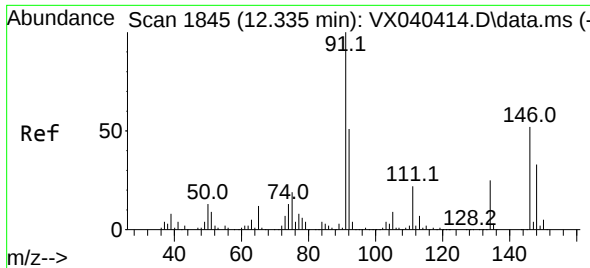
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#90
Hexachloroethane
Concen: 4.383 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

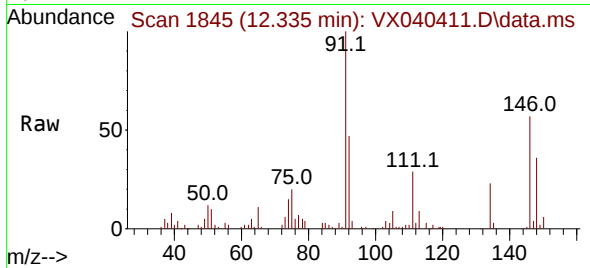
Tgt Ion:117 Resp: 2812
Ion Ratio Lower Upper
117 100
201 62.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 4.959 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

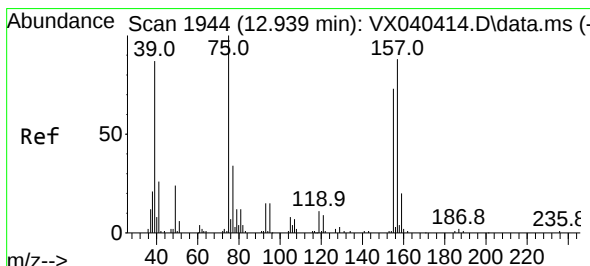
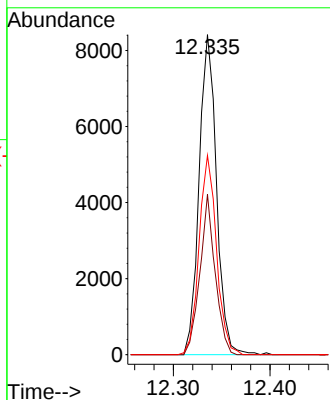
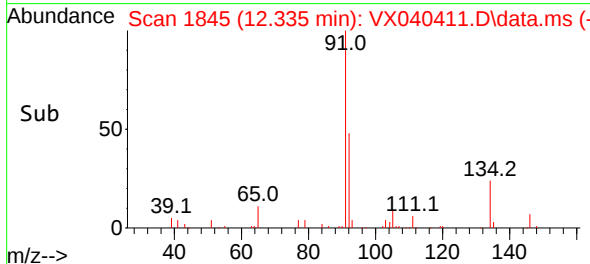
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



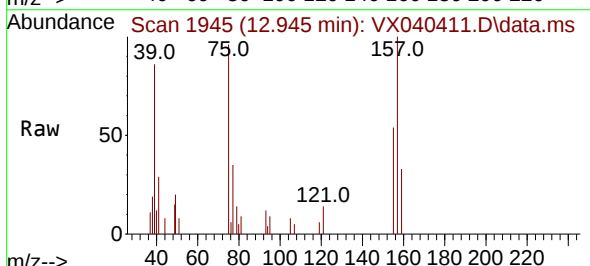
Tgt Ion:146 Resp: 1054
Ion Ratio Lower Upper
146 100
111 44.0 22.4 67.0
148 62.5 31.6 95.0

Manual Integrations
APPROVED

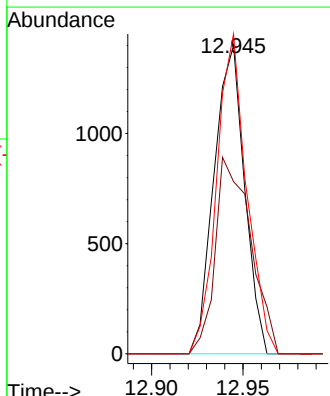
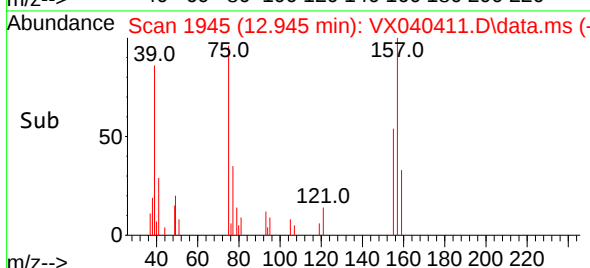
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

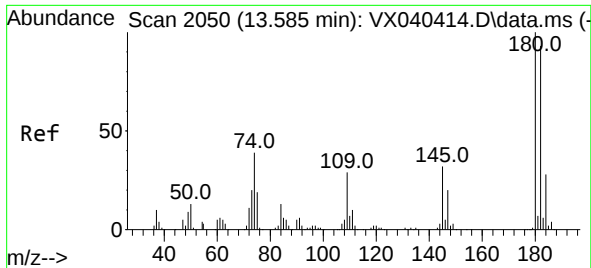


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.235 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33



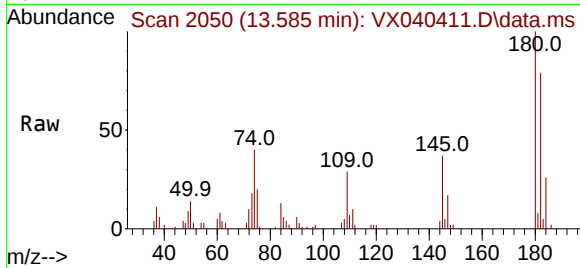
Tgt Ion: 75 Resp: 1624
Ion Ratio Lower Upper
75 100
155 74.1 36.1 108.5
157 102.3 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 4.755 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

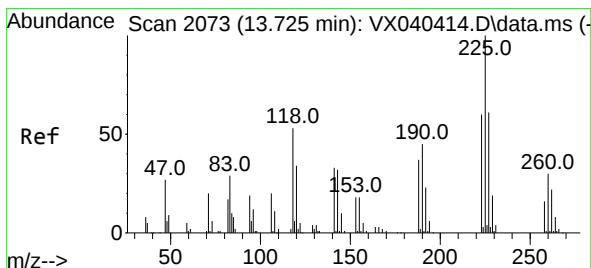
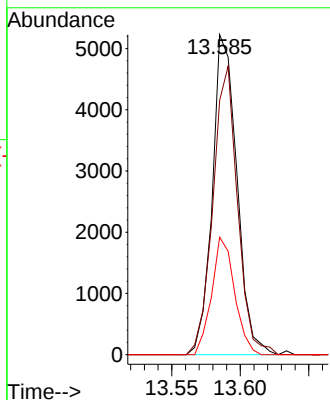
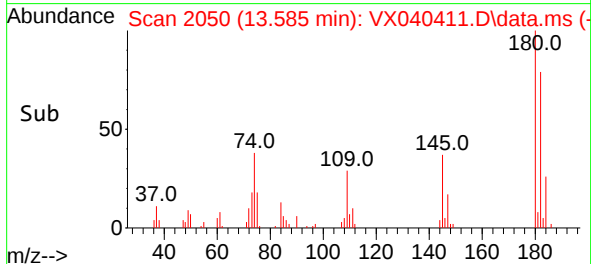
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



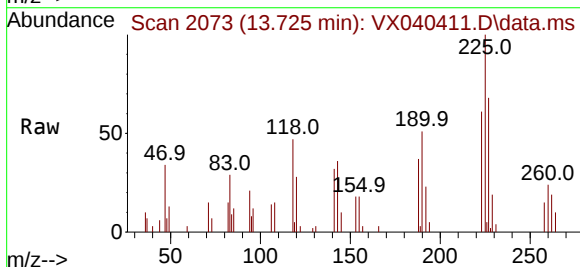
Tgt Ion:180 Resp: 6508
Ion Ratio Lower Upper
180 100
182 90.3 48.3 144.8
145 34.3 18.0 54.0

Manual Integrations
APPROVED

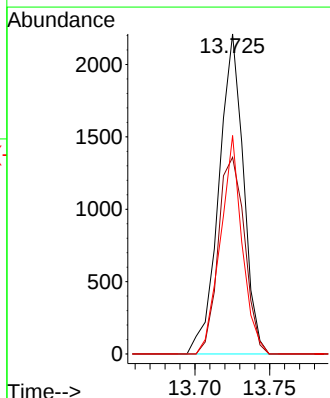
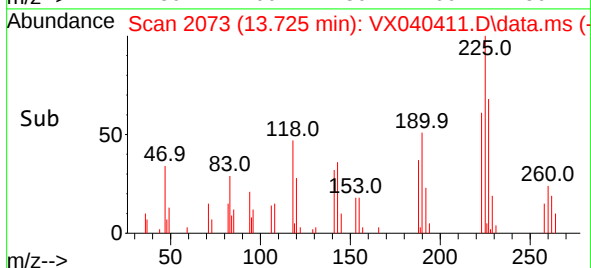
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

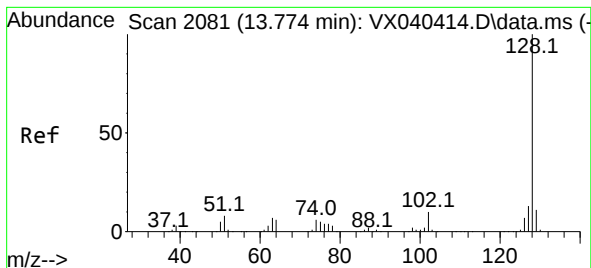


#94
Hexachlorobutadiene
Concen: 5.098 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33



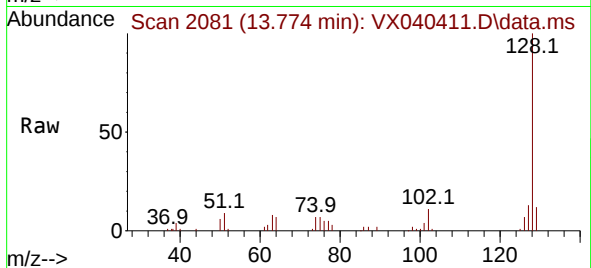
Tgt Ion:225 Resp: 2527
Ion Ratio Lower Upper
225 100
223 65.9 31.1 93.2
227 60.3 32.5 97.5





#95
Naphthalene
Concen: 4.570 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33

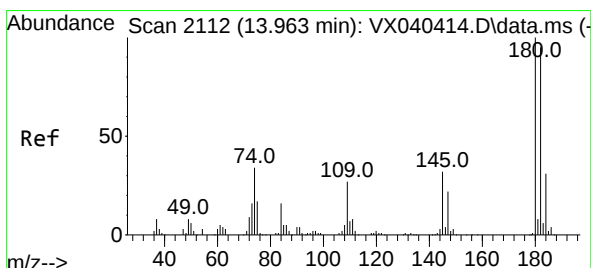
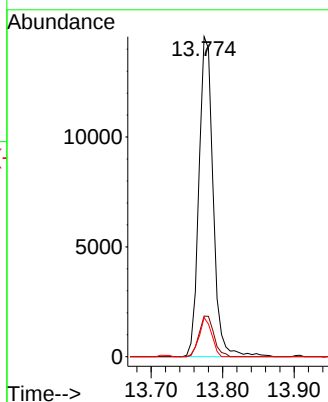
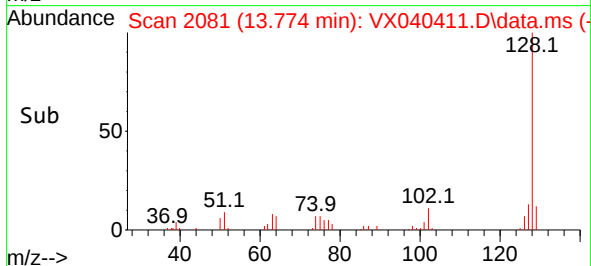
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



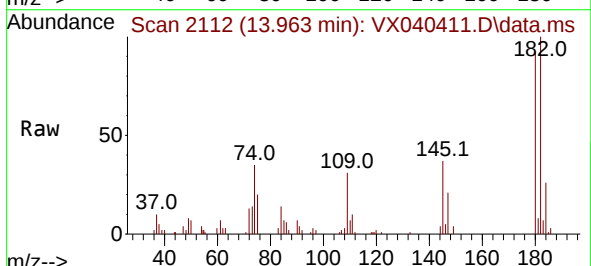
Tgt Ion:128 Resp: 20070
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#96
1,2,3-Trichlorobenzene
Concen: 4.688 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040411.D
Acq: 22 Feb 2024 21:33



Tgt Ion:180 Resp: 6177
Ion Ratio Lower Upper
180 100
182 99.6 46.9 140.6
145 37.3 17.8 53.5

