

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041916.D
 Acq On : 18 Jun 2024 11:27
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 19 07:51:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:27:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/19/2024
 Supervised By : Mahesh Dadoda 06/19/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	191672	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	283556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	299761	135.625	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 271.240%#			
35) Dibromofluoromethane	5.391	113	283010	140.663	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 281.320%#			
50) Toluene-d8	8.653	98	988936	139.913	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 279.820%#			
62) 4-Bromofluorobenzene	11.079	95	390489	149.871	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 299.740%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	210357	144.057	ug/l	97
3) Chloromethane	1.300	50	255206	139.312	ug/l	99
4) Vinyl Chloride	1.374	62	264848	144.227	ug/l	99
5) Bromomethane	1.599	94	139979	154.370	ug/l	98
6) Chloroethane	1.660	64	108474	148.152	ug/l	100
7) Trichlorofluoromethane	1.861	101	335868	139.603	ug/l	99
8) Diethyl Ether	2.136	74	167078	147.943	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.312	101	239721	144.644	ug/l #	86
10) Methyl Iodide	2.440	142	285009	138.361	ug/l #	87
11) Tert butyl alcohol	3.020	59	354166	844.333	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	247138	149.493	ug/l #	81
13) Acrolein	2.245	56	351015	746.525	ug/l	98
14) Allyl chloride	2.654	41	385518	147.041	ug/l	88
15) Acrylonitrile	3.075	53	839920	766.604	ug/l	98
16) Acetone	2.398	43	673742	694.214	ug/l #	89
17) Carbon Disulfide	2.495	76	531075	157.551	ug/l	99
18) Methyl Acetate	2.715	43	409864	154.812	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	846981	155.078	ug/l	100
20) Methylene Chloride	2.782	84	283528	133.420	ug/l	89
21) trans-1,2-Dichloroethene	3.081	96	249291	148.580	ug/l	89
22) Diisopropyl ether	3.769	45	840745	151.706	ug/l #	82
23) Vinyl Acetate	3.727	43	3688554	779.346	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	468599	150.990	ug/l	97
25) 2-Butanone	4.574	43	1151849	762.877	ug/l	93
26) 2,2-Dichloropropane	4.471	77	343562	152.868	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	320632	152.580	ug/l	86
28) Bromochloromethane	4.903	49	187864	141.328	ug/l #	74
29) Tetrahydrofuran	5.019	42	748474	767.566	ug/l	94
30) Chloroform	5.099	83	484956	149.988	ug/l	97
31) Cyclohexane	5.464	56	374440	144.862	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	427036	158.061	ug/l	95
36) 1,1-Dichloropropene	5.690	75	320721	150.113	ug/l	95
37) Ethyl Acetate	4.727	43	431104	154.898	ug/l	98
38) Carbon Tetrachloride	5.672	117	373357	158.160	ug/l	99
39) Methylcyclohexane	7.379	83	404595	149.738	ug/l	91
40) Benzene	6.037	78	1057962	146.822	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	238320	157.966	ug/l	93
42) 1,2-Dichloroethane	6.086	62	343877	148.156	ug/l	91
43) Isopropyl Acetate	6.348	43	675680	158.164	ug/l #	94
44) Trichloroethene	7.123	130	292825	151.605	ug/l	88
45) 1,2-Dichloropropane	7.433	63	266164	150.223	ug/l	98
46) Dibromomethane	7.580	93	196035	151.852	ug/l #	76
47) Bromodichloromethane	7.824	83	378604	159.737	ug/l	98
48) Methyl methacrylate	7.696	41	334994	164.310	ug/l	86
49) 1,4-Dioxane	7.671	88	163068	2982.459	ug/l #	87
51) 4-Methyl-2-Pentanone	8.580	43	2234241	759.242	ug/l	93
52) Toluene	8.720	92	688151	149.972	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	398942	149.536	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	434015	167.256	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	285454	149.334	ug/l	98
56) Ethyl methacrylate	9.122	69	492357	165.567	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	459181	148.686	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1079250	778.793	ug/l	92
59) 2-Hexanone	9.433	43	1752560	777.578	ug/l	91
60) Dibromochloromethane	9.525	129	349415	168.283	ug/l	99
61) 1,2-Dibromoethane	9.610	107	303908	153.305	ug/l	99
64) Tetrachloroethene	9.275	164	279900	147.541	ug/l	90
65) Chlorobenzene	10.079	112	807337	148.984	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	302474	159.428	ug/l	99
67) Ethyl Benzene	10.195	91	1306772	153.875	ug/l	97
68) m/p-Xylenes	10.305	106	1045389	304.941	ug/l	89
69) o-Xylene	10.640	106	526808	155.216	ug/l	90
70) Styrene	10.659	104	915152	160.796	ug/l	94
71) Bromoform	10.799	173	301209	149.854	ug/l #	99
73) Isopropylbenzene	10.963	105	1325365	145.074	ug/l	95
74) N-amyl acetate	10.841	43	634130	156.263	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	479786	141.241	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	433662m	158.988	ug/l	
77) Bromobenzene	11.201	156	394563	145.013	ug/l	79
78) n-propylbenzene	11.305	91	1483439	149.652	ug/l	95
79) 2-Chlorotoluene	11.366	91	918396	143.801	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	1121737	147.414	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	162653	169.348	ug/l #	83
82) 4-Chlorotoluene	11.457	91	1050006	148.725	ug/l	91
83) tert-Butylbenzene	11.713	119	1251709	149.913	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	1146380	150.162	ug/l	92
85) sec-Butylbenzene	11.890	105	1429438	151.359	ug/l	94
86) p-Isopropyltoluene	12.012	119	1270546	154.010	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	713832	149.259	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	720991	147.275	ug/l	95
89) n-Butylbenzene	12.335	91	1044225	164.433	ug/l	96
90) Hexachloroethane	12.536	117	231382	164.740	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	721431	147.419	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	113492	168.591	ug/l #	48
93) 1,2,4-Trichlorobenzene	13.585	180	538173	167.873	ug/l	95
94) Hexachlorobutadiene	13.725	225	250159	154.316	ug/l	98
95) Naphthalene	13.774	128	1641048	150.809	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	545646	161.382	ug/l	96

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ClientSampleId :
VSTDICC150

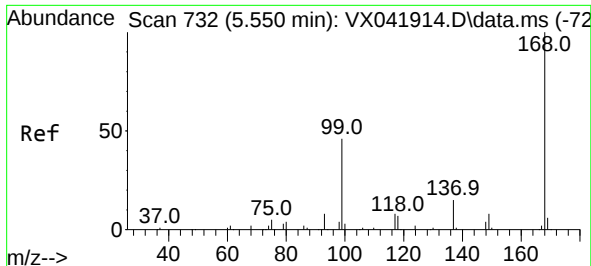
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/19/2024

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QLast Update : Wed Jun 19 07:27:13 2024
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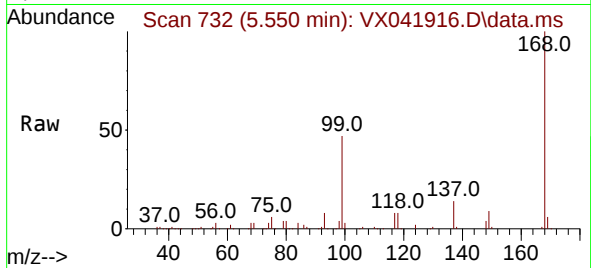
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041916.D
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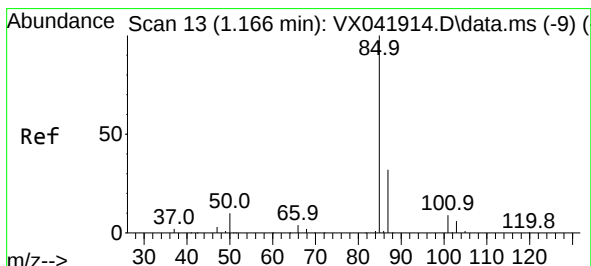
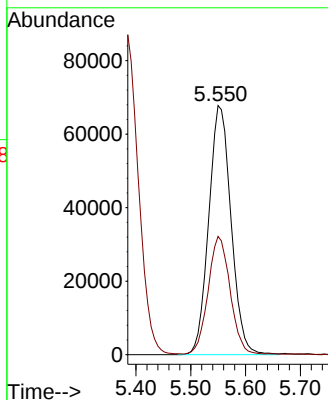
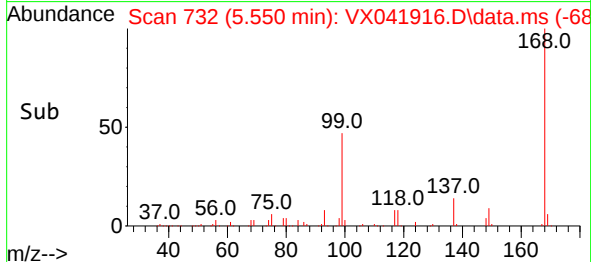
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



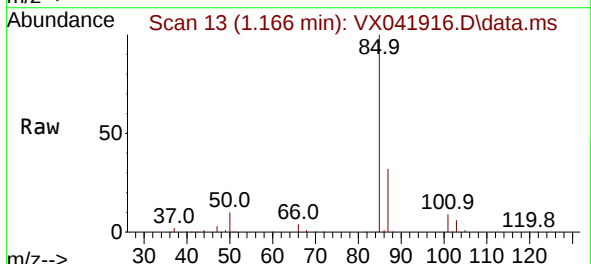
Tgt Ion:168 Resp: 191672
Ion Ratio Lower Upper
168 100
99 47.2 56.6 85.0

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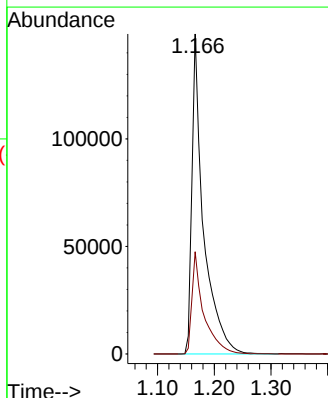
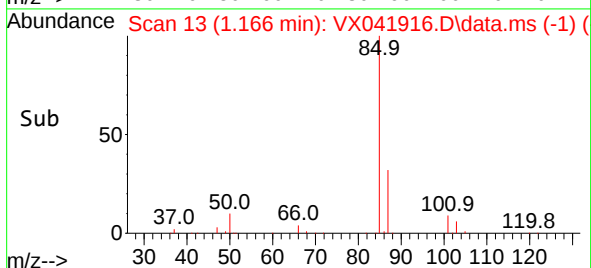
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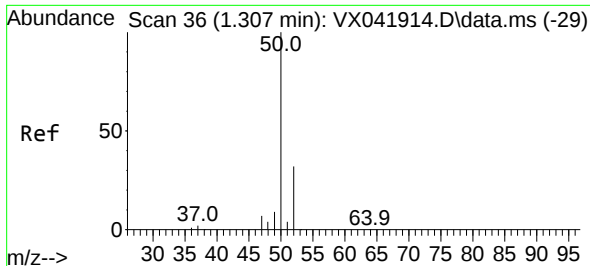


#2
Dichlorodifluoromethane
Concen: 144.057 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27



Tgt Ion: 85 Resp: 210357
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





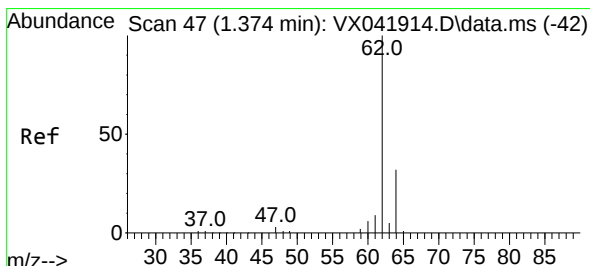
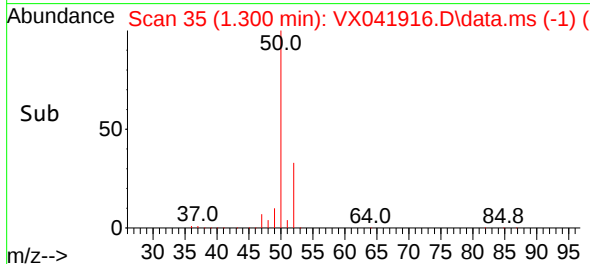
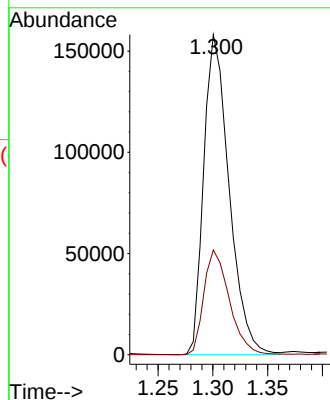
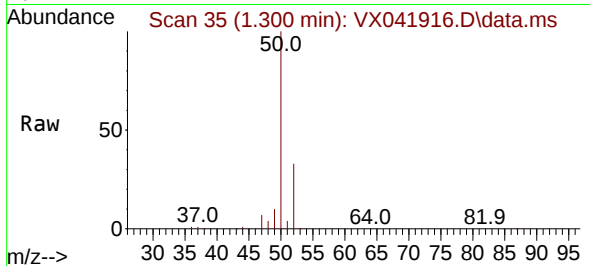
#3
Chloromethane
Concen: 139.312 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Instrument :
MSVOA_X
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Tgt Ion: 50 Resp: 255200
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

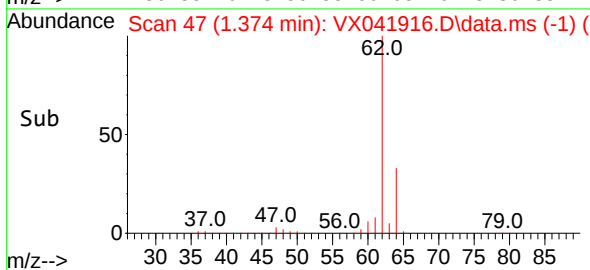
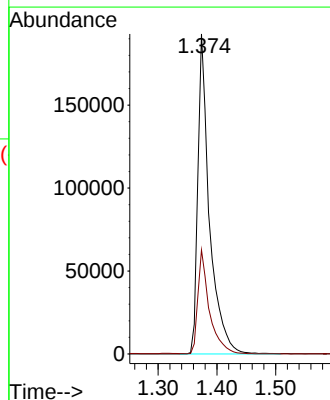
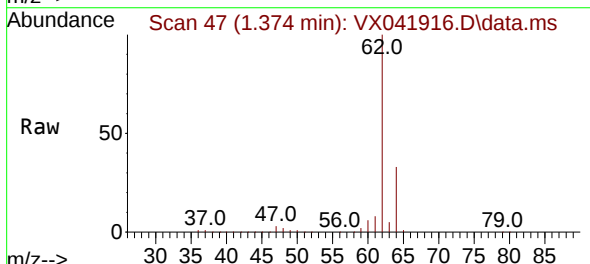
Manual Integrations
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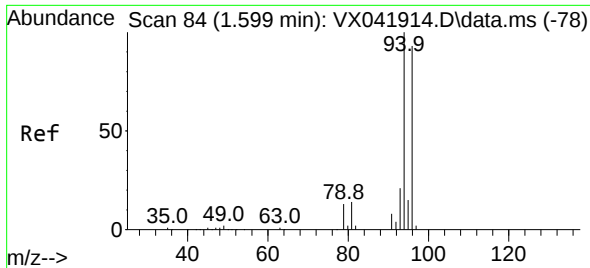
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#4
Vinyl Chloride
Concen: 144.227 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

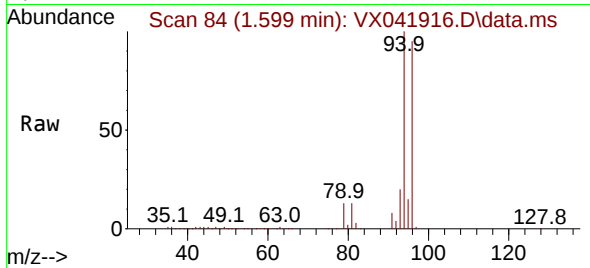
Tgt Ion: 62 Resp: 264848
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 154.370 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

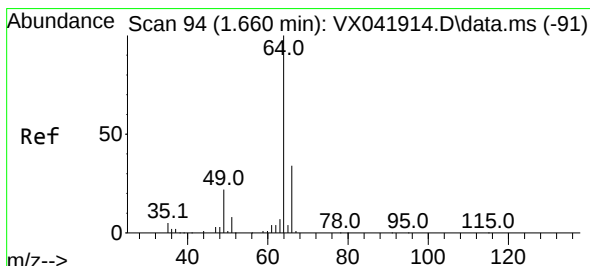
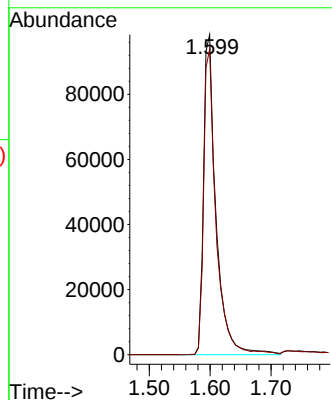
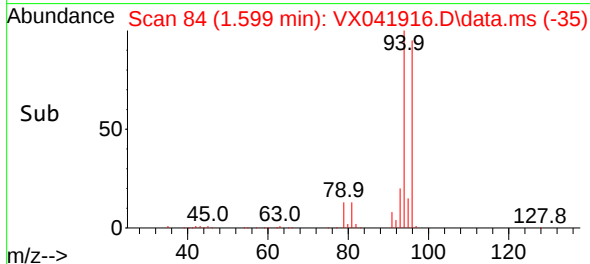
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 139979
Ion Ratio Lower Upper
94 100
96 95.5 74.6 111.8

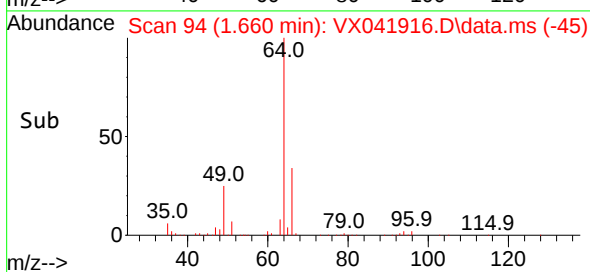
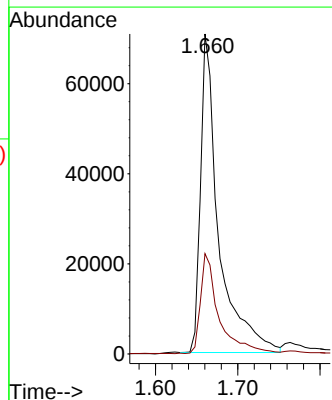
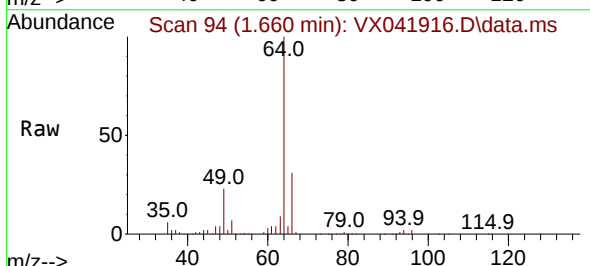
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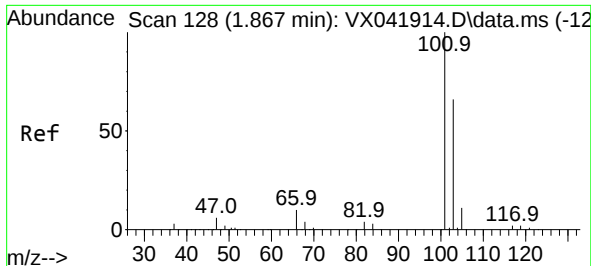
Reviewed By :John Carlone 06/19/2024
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#6
Chloroethane
Concen: 148.152 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX041916.D
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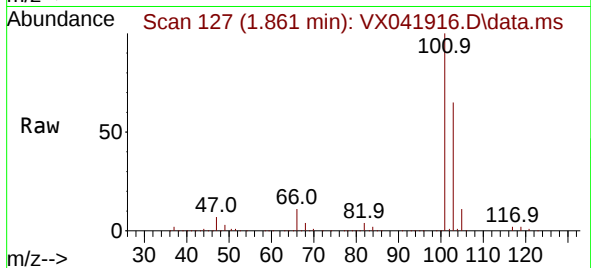
Tgt Ion: 64 Resp: 108474
Ion Ratio Lower Upper
64 100
66 31.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 139.603 ug/l
RT: 1.861 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

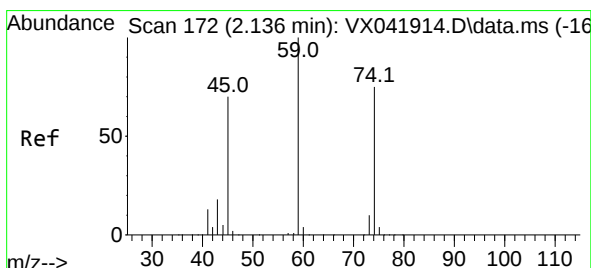
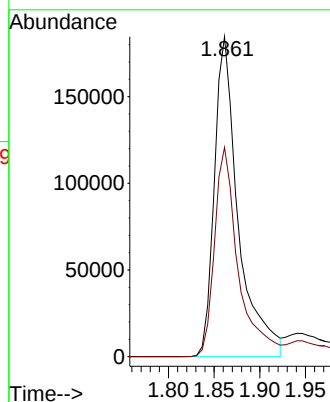
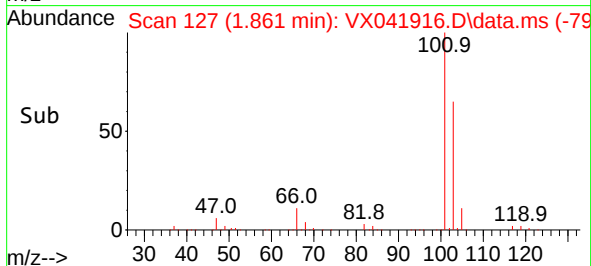
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 33586
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

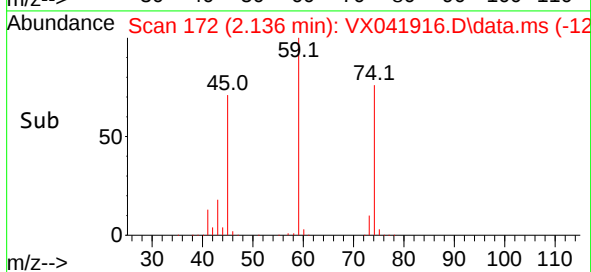
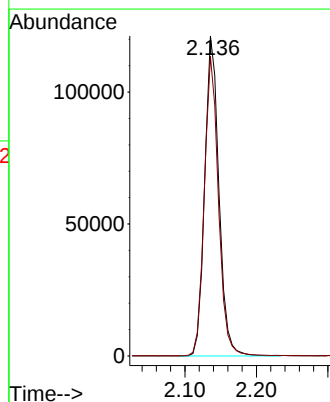
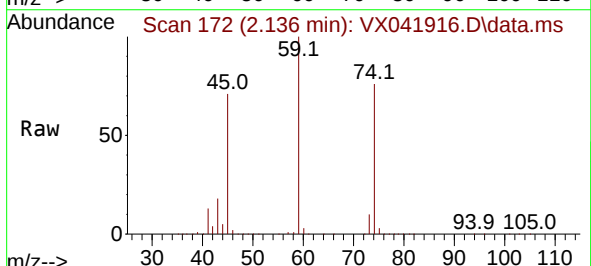
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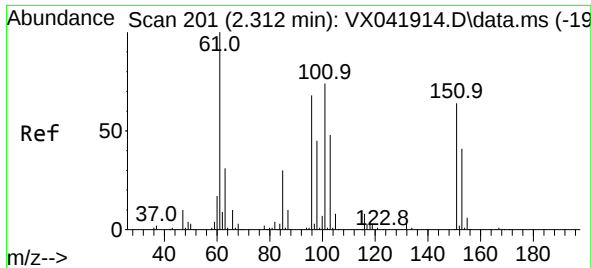
Reviewed By :John Carlone 06/19/2024
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#8
Diethyl Ether
Concen: 147.943 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Tgt Ion: 74 Resp: 167078
Ion Ratio Lower Upper
74 100
45 93.3 53.3 159.8





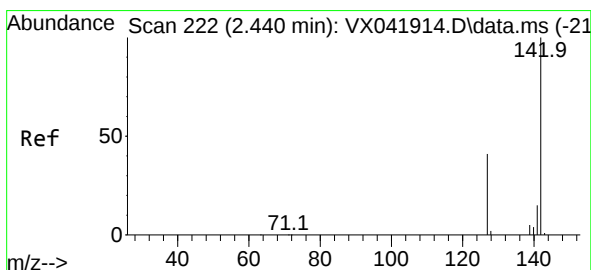
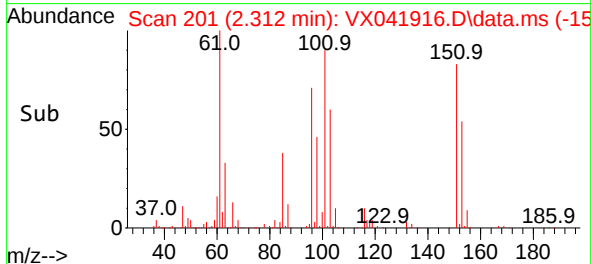
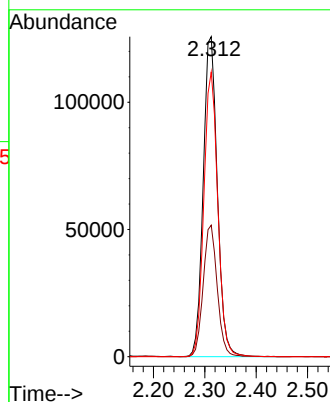
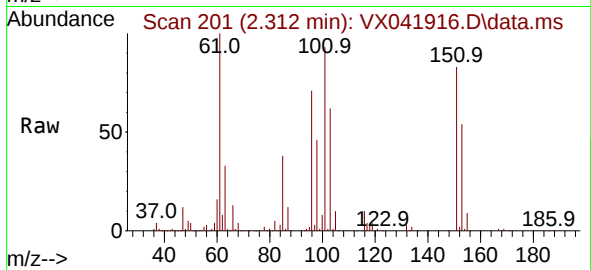
#9
1,1,2-Trichlorotrifluoroethane
Concen: 144.644 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 23972
Ion Ratio Lower Upper
101 100
85 40.9 37.0 55.6
151 88.1 58.6 87.8

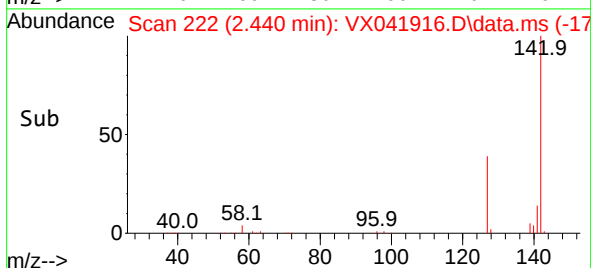
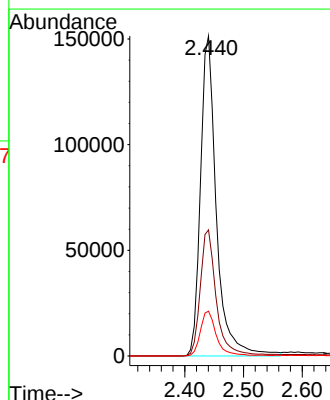
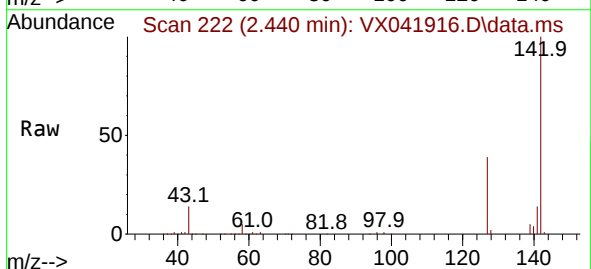
Manual Integrations
APPROVED

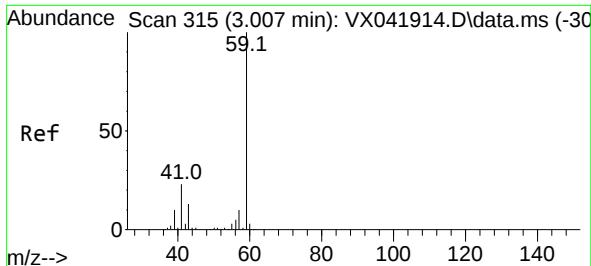
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#10
Methyl Iodide
Concen: 138.361 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Tgt Ion:142 Resp: 285009
Ion Ratio Lower Upper
142 100
127 40.2 41.6 62.4#
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 844.333 ug/l

RT: 3.020 min Scan# 315

Delta R.T. 0.012 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 59 Resp: 35416

Ion Ratio Lower Upper

59 100

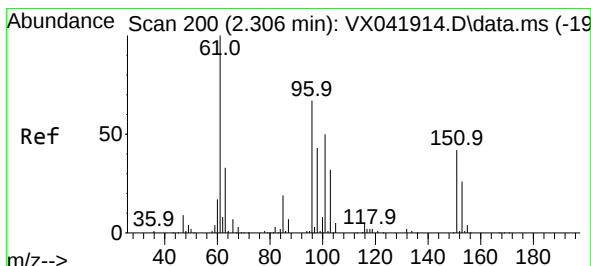
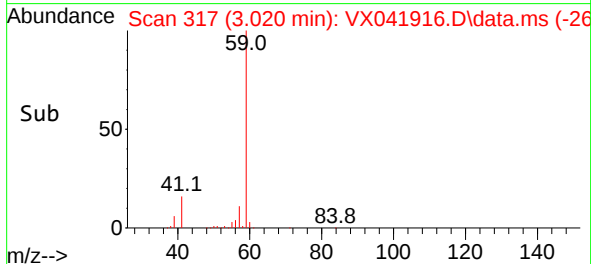
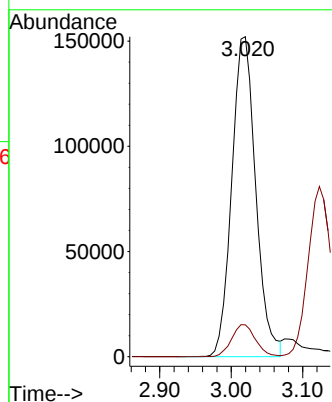
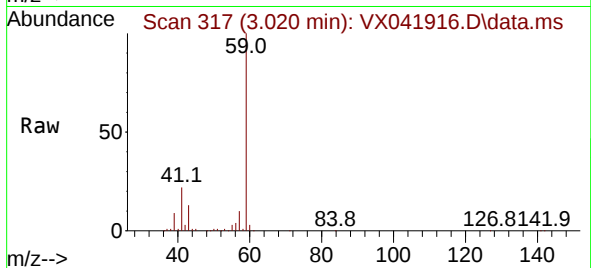
57 10.1 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#12

1,1-Dichloroethene

Concen: 149.493 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

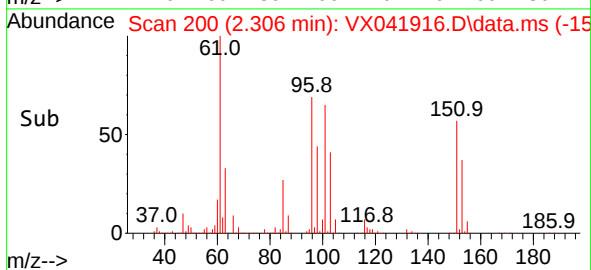
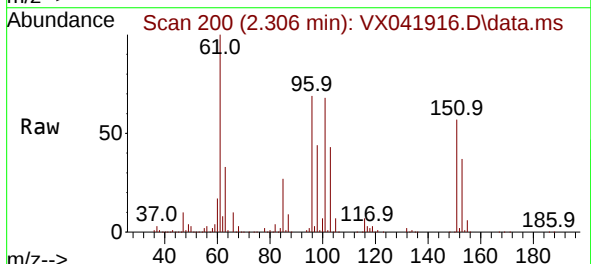
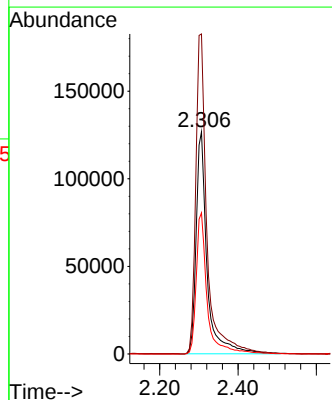
Tgt Ion: 96 Resp: 247138

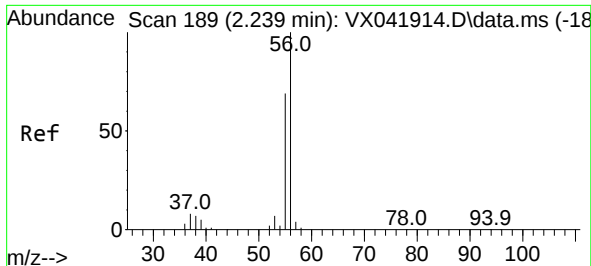
Ion Ratio Lower Upper

96 100

61 144.3 144.6 216.8

98 63.6 50.4 75.6





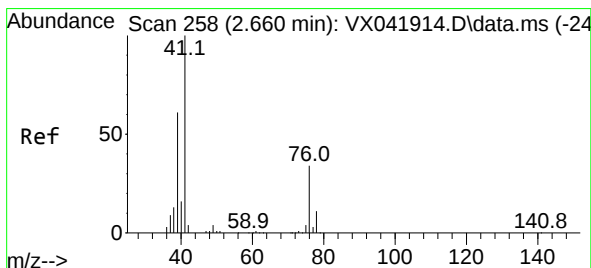
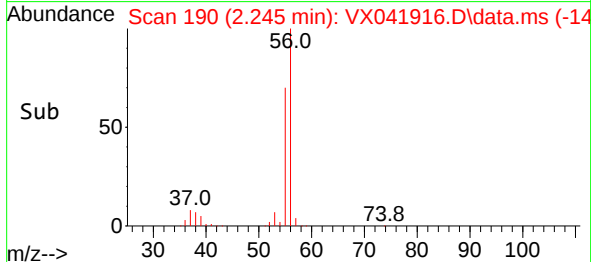
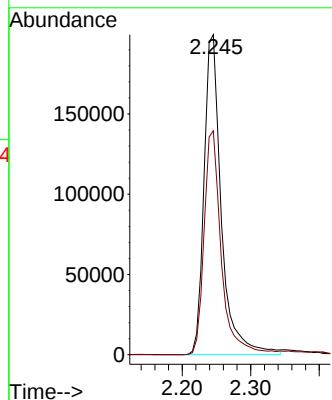
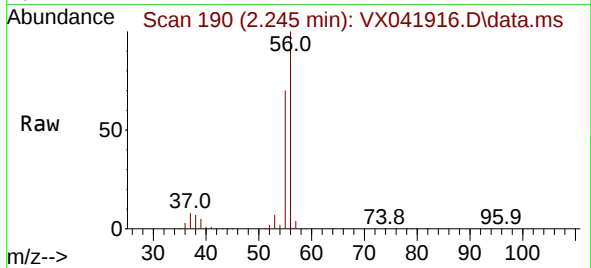
#13
Acrolein
Concen: 746.525 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 351015
Ion Ratio Lower Upper
56 100
55 69.6 57.1 85.7

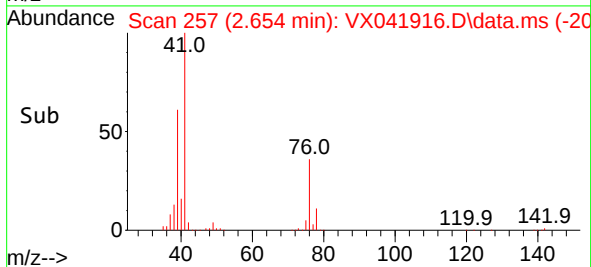
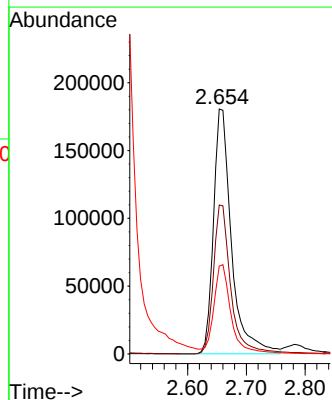
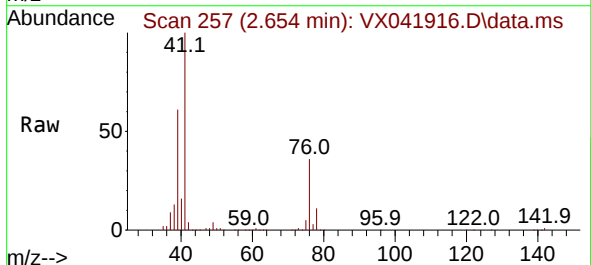
Manual Integrations
APPROVED

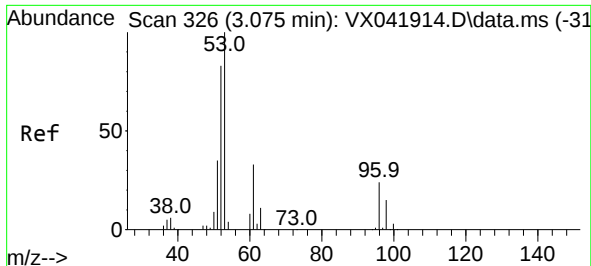
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#14
Allyl chloride
Concen: 147.041 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

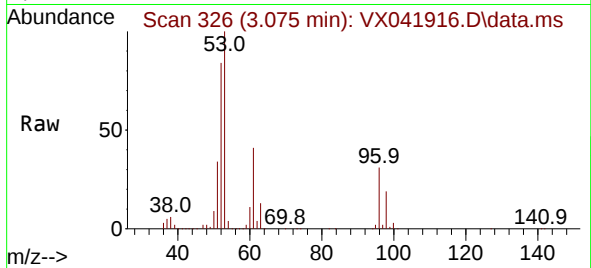
Tgt Ion: 41 Resp: 385518
Ion Ratio Lower Upper
41 100
39 59.1 55.8 83.6
76 35.3 24.3 36.5





#15
Acrylonitrile
Concen: 766.604 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

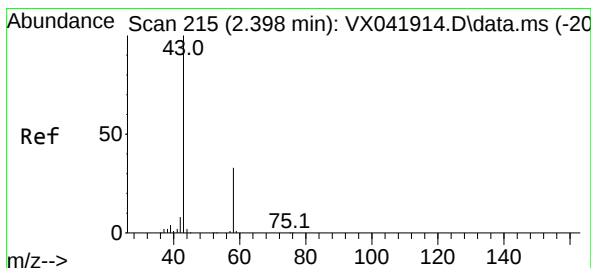
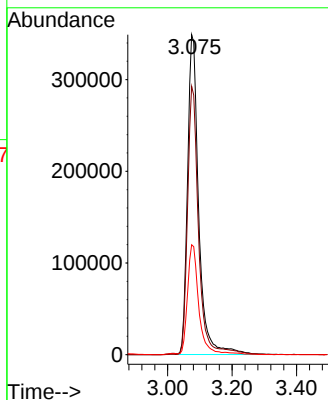
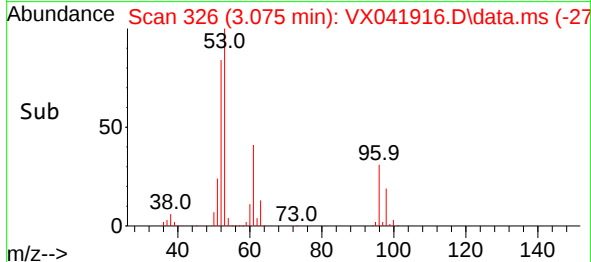
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 839920
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 34.9 29.8 44.6

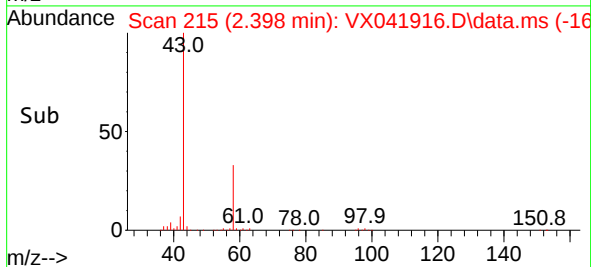
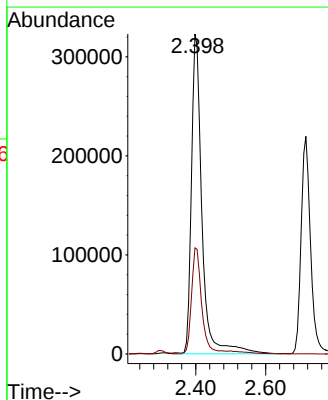
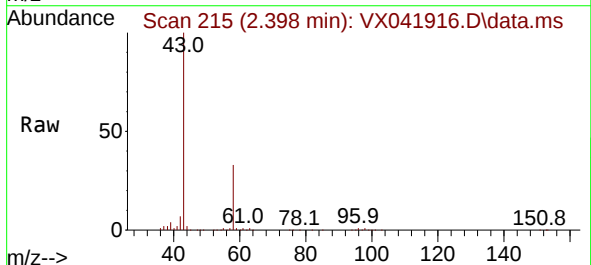
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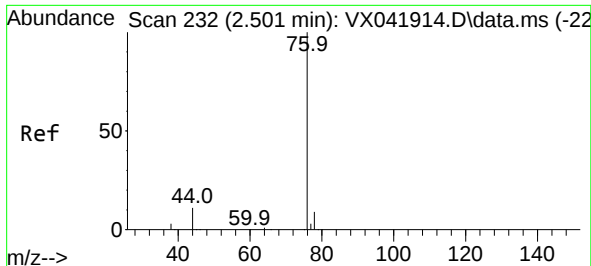
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#16
Acetone
Concen: 694.214 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Tgt Ion: 43 Resp: 673742
Ion Ratio Lower Upper
43 100
58 33.1 21.9 32.9#





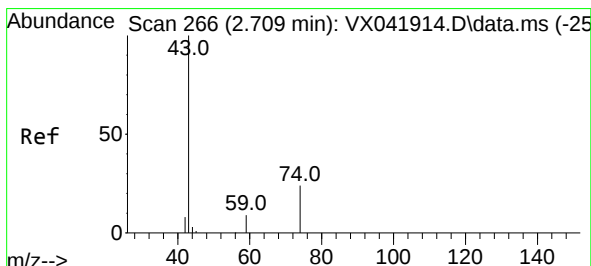
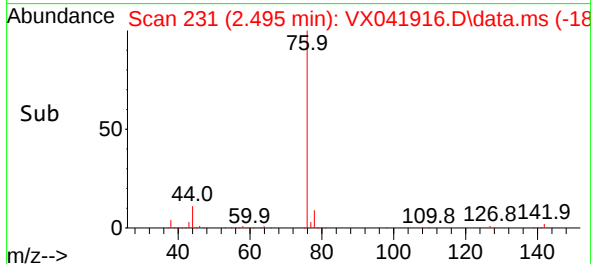
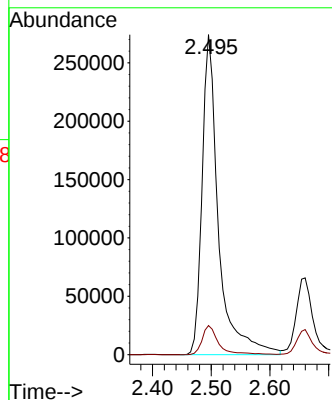
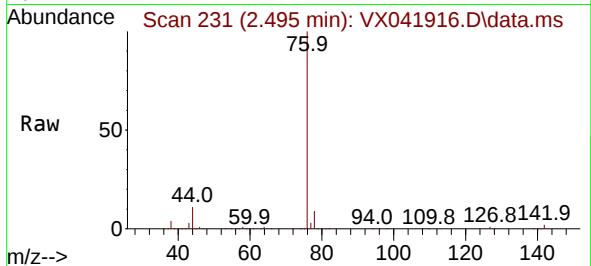
#17
Carbon Disulfide
Concen: 157.551 ug/l
RT: 2.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 531075
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

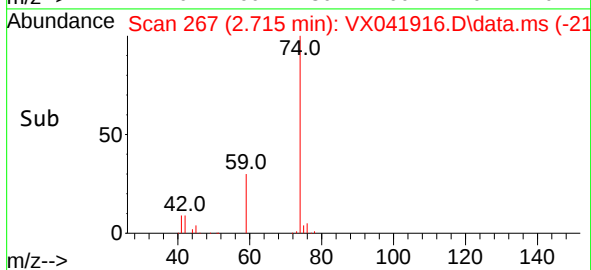
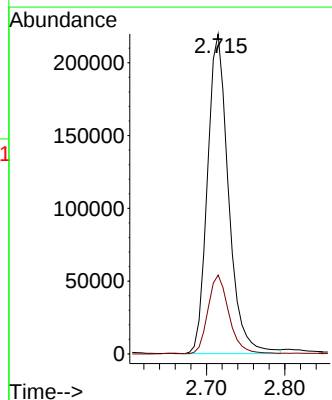
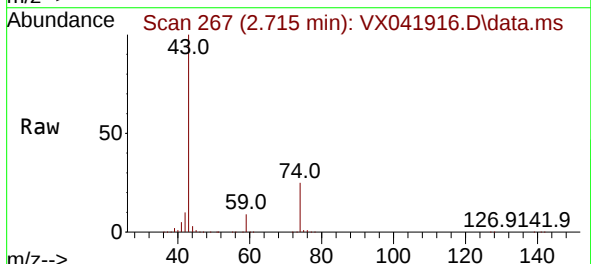
Manual Integrations
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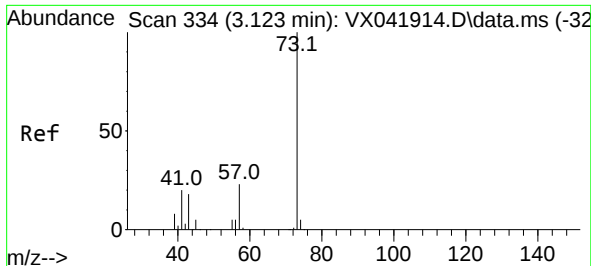
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#18
Methyl Acetate
Concen: 154.812 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

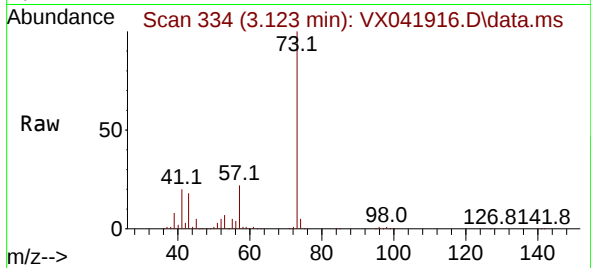
Tgt Ion: 43 Resp: 409864
Ion Ratio Lower Upper
43 100
74 24.3 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 155.078 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

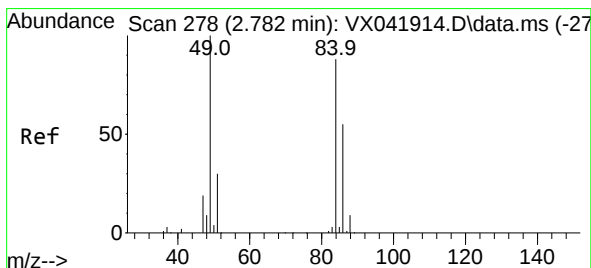
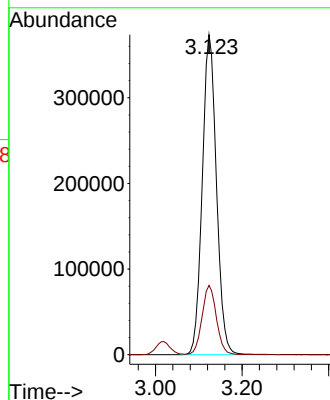
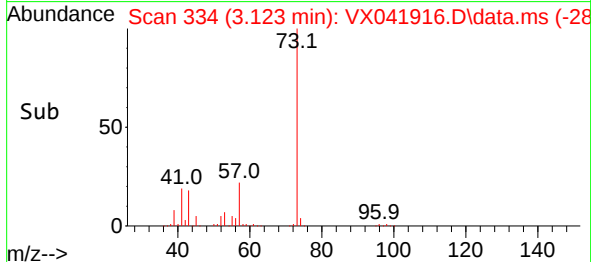
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 73 Resp: 84698
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

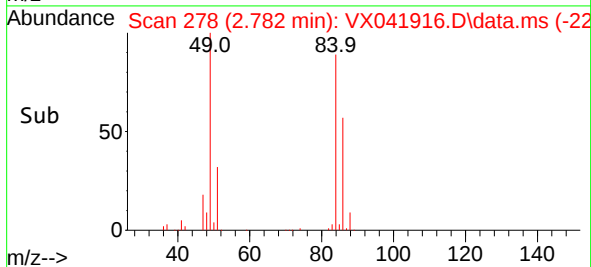
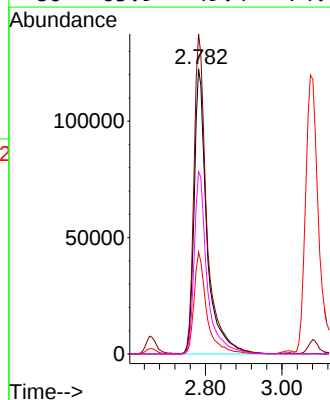
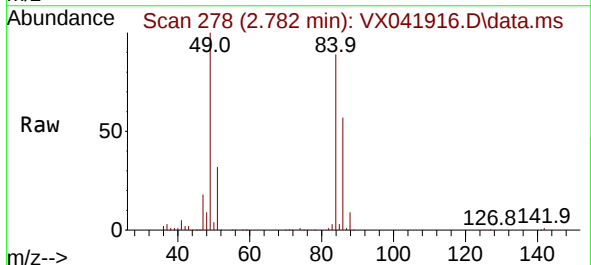
Manual Integrations
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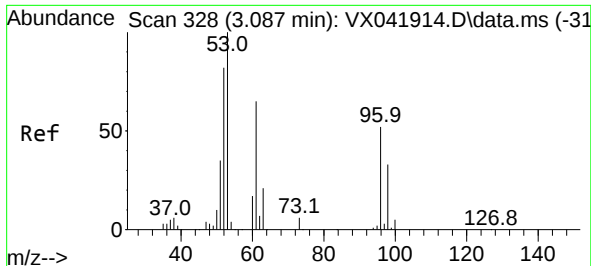
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#20
Methylene Chloride
Concen: 133.420 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

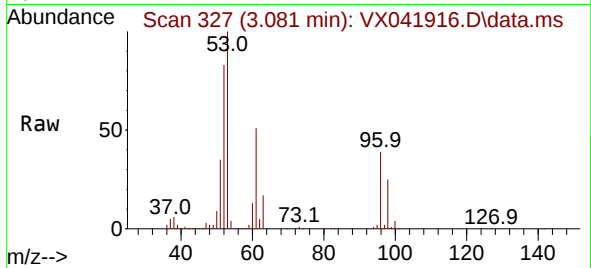
Tgt Ion: 84 Resp: 283528
Ion Ratio Lower Upper
84 100
49 112.1 103.6 155.4
51 35.7 33.8 50.6
86 63.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 148.580 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

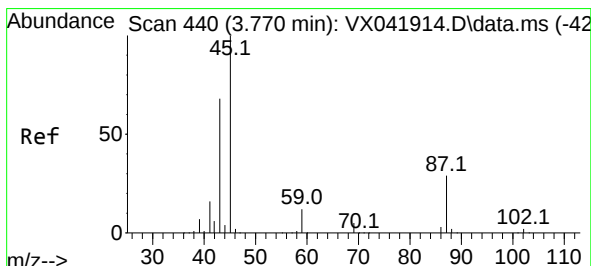
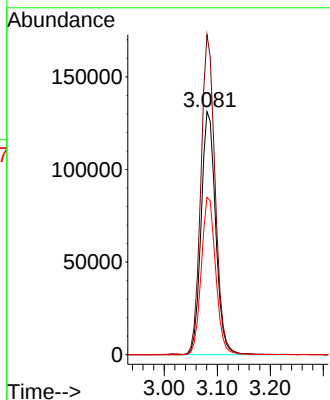
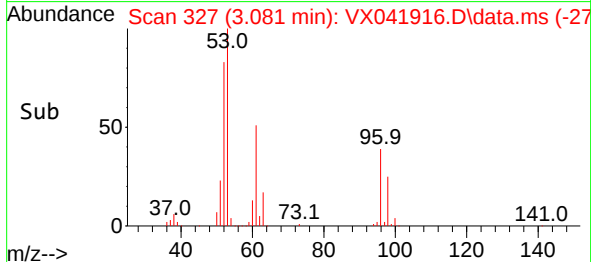
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 24929
Ion Ratio Lower Upper
96 100
61 131.6 119.2 178.8
98 64.7 48.7 73.1

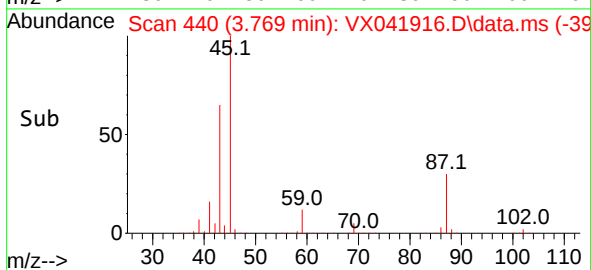
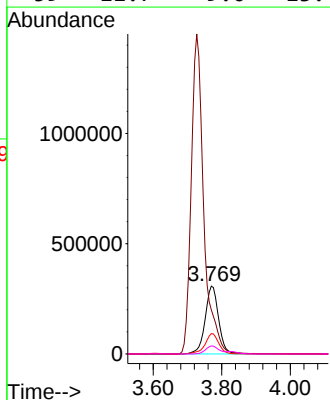
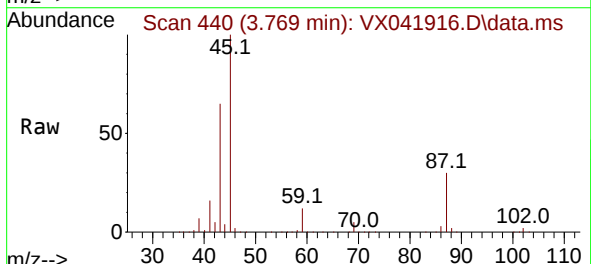
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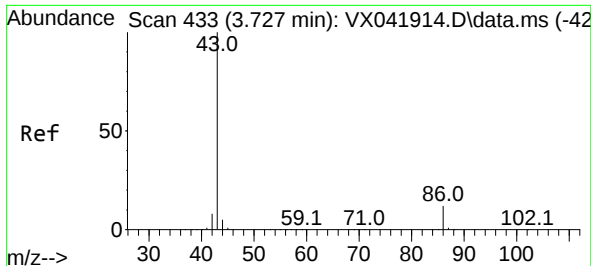
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#22
Diisopropyl ether
Concen: 151.706 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Tgt Ion: 45 Resp: 840745
Ion Ratio Lower Upper
45 100
43 64.9 69.7 104.5#
87 29.9 20.8 31.2
59 11.7 9.0 13.4





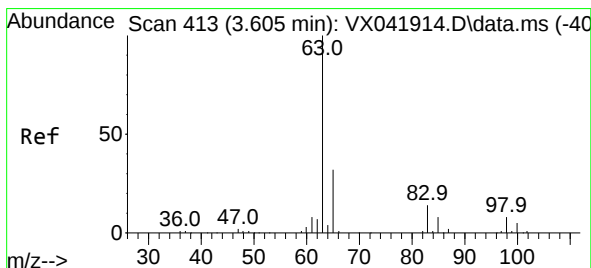
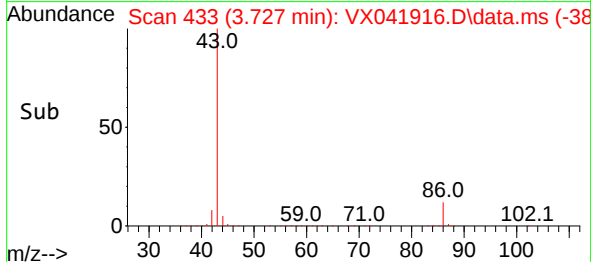
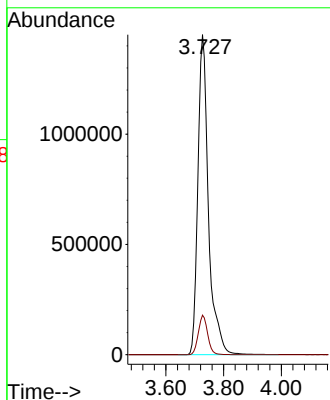
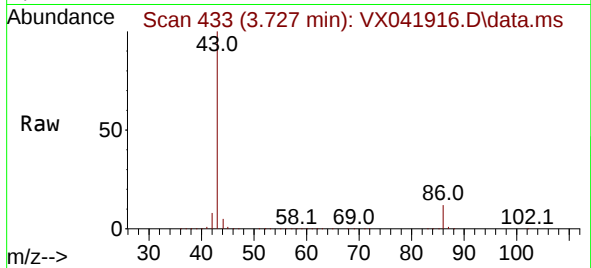
#23
 Vinyl Acetate
 Concen: 779.346 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX041916.D
 Acq: 18 Jun 2024 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 3688554
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.8 11.8

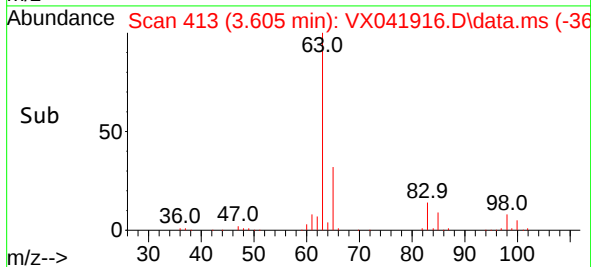
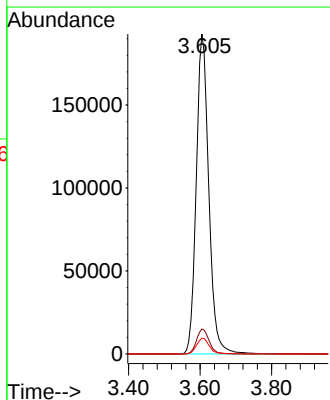
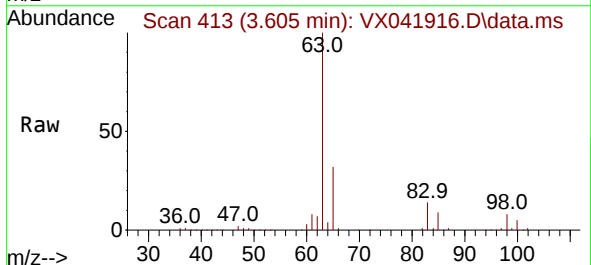
Manual Integrations
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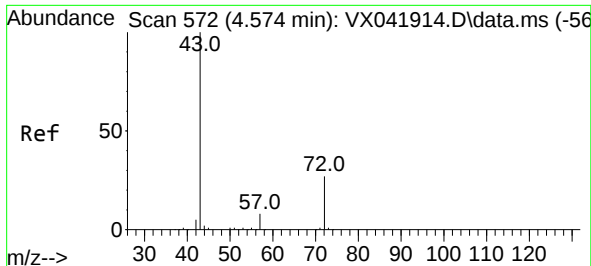
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024



#24
 1,1-Dichloroethane
 Concen: 150.990 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX041916.D
 Acq: 18 Jun 2024 11:27

Tgt Ion: 63 Resp: 468599
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.8
 100 4.9 2.1 6.5





#25

2-Butanone

Concen: 762.877 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 1151849

Ion Ratio Lower Upper

43 100

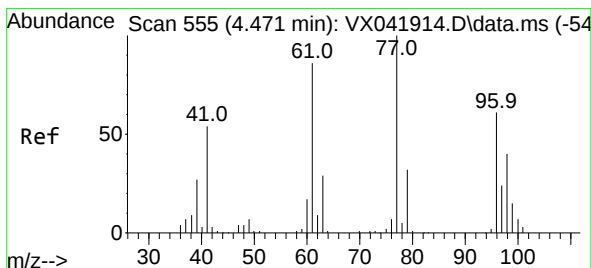
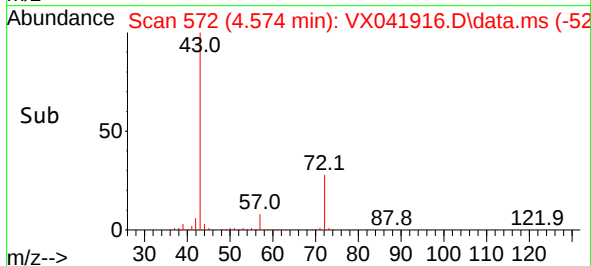
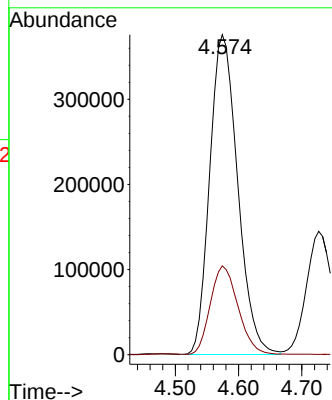
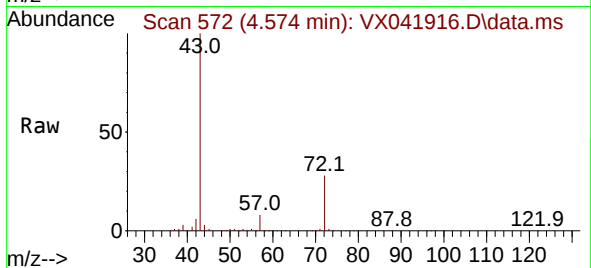
72 27.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#26

2,2-Dichloropropane

Concen: 152.868 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.000 min

Lab File: VX041916.D

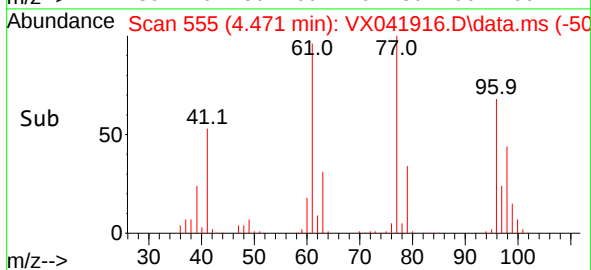
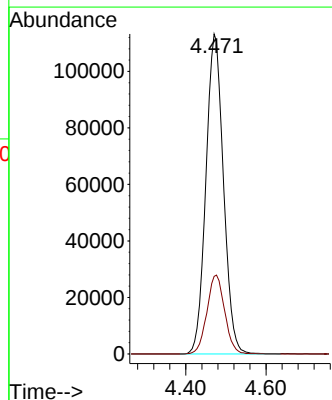
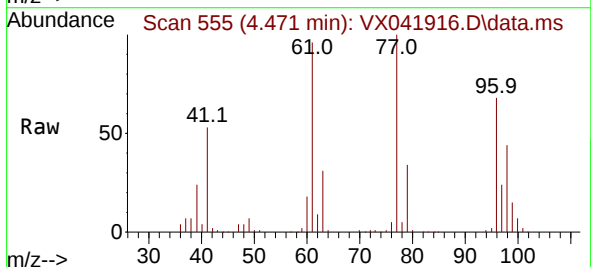
Acq: 18 Jun 2024 11:27

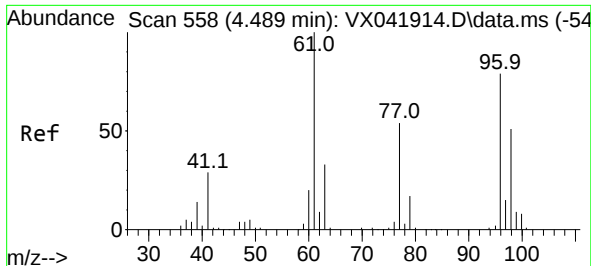
Tgt Ion: 77 Resp: 343562

Ion Ratio Lower Upper

77 100

97 25.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 152.580 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 32063

Ion Ratio Lower Upper

96 100

61 131.5 0.0 312.2

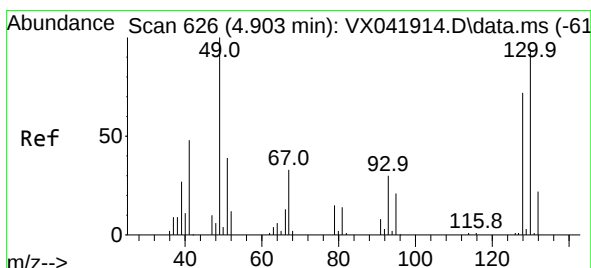
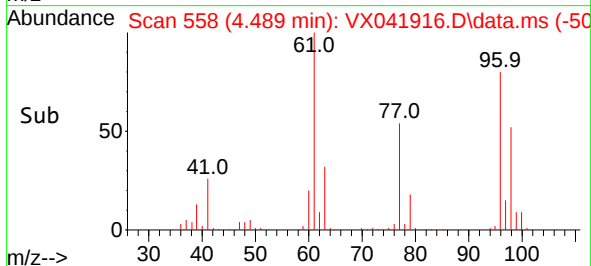
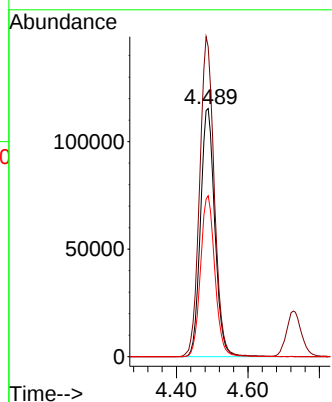
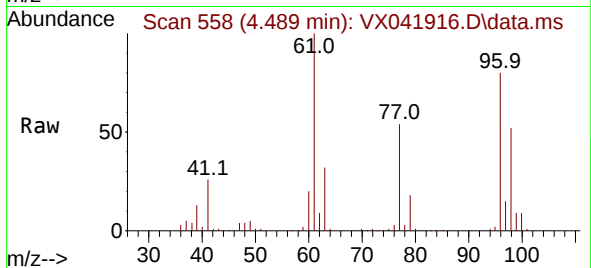
98 65.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#28

Bromochloromethane

Concen: 141.328 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

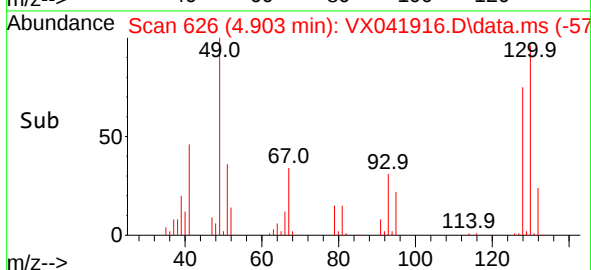
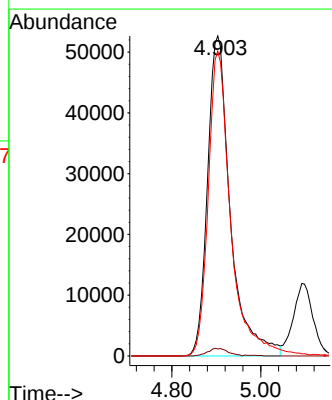
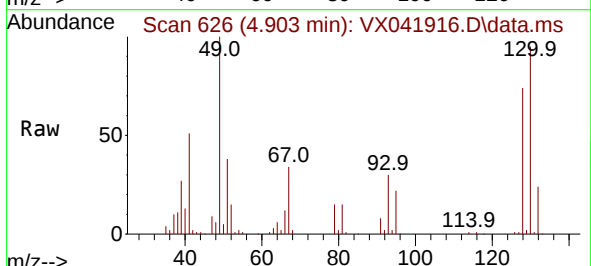
Tgt Ion: 49 Resp: 187864

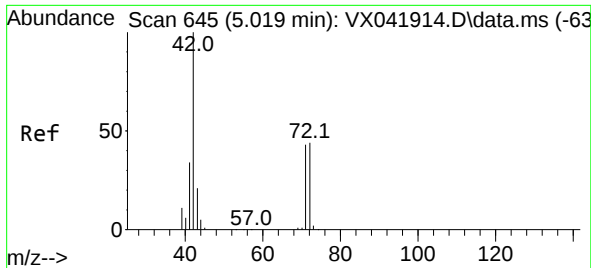
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 93.8 57.5 86.3#





#29

Tetrahydrofuran

Concen: 767.566 ug/l

RT: 5.019 min Scan# 645

Delta R.T. -0.000 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 748474

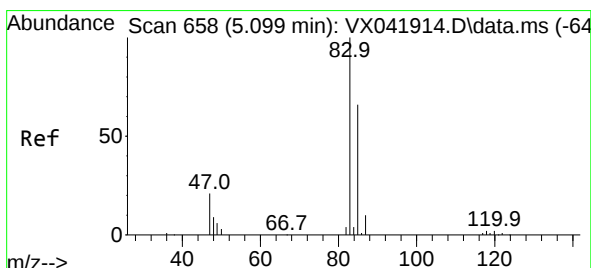
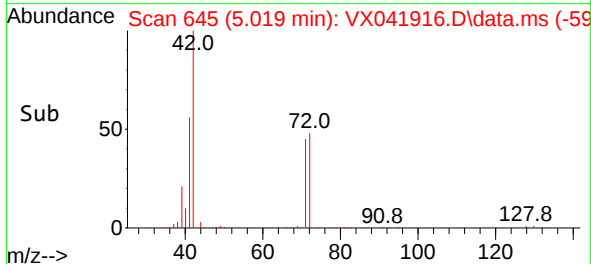
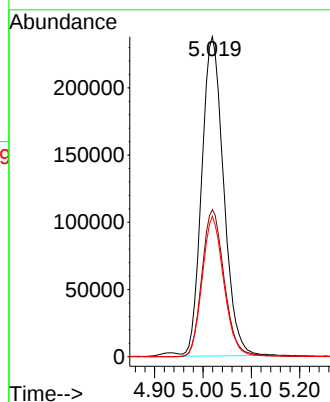
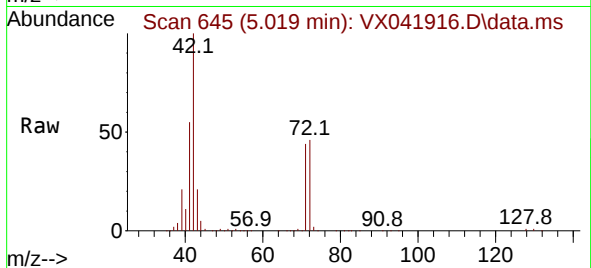
Ion	Ratio	Lower	Upper
42	100		
72	47.0	34.2	51.4
71	43.5	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#30

Chloroform

Concen: 149.988 ug/l

RT: 5.099 min Scan# 658

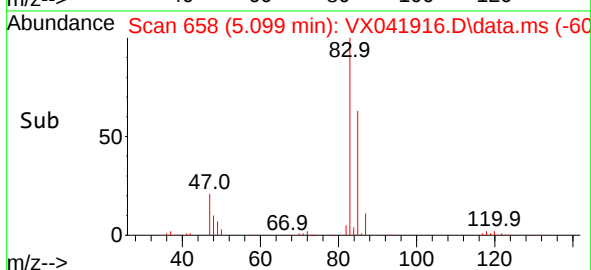
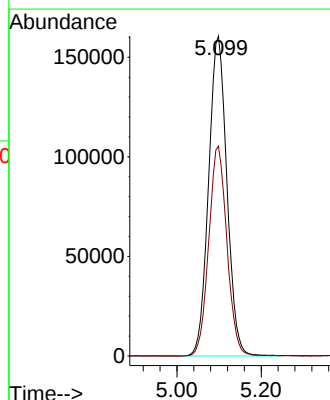
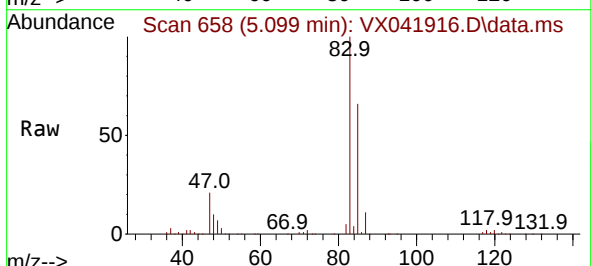
Delta R.T. -0.000 min

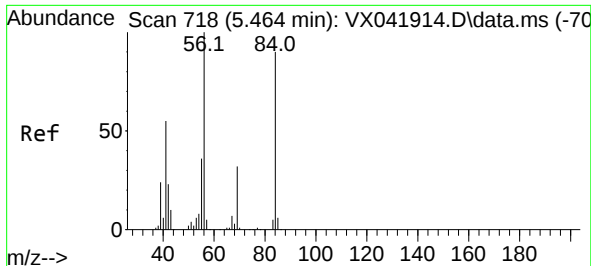
Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

Tgt Ion: 83 Resp: 484956

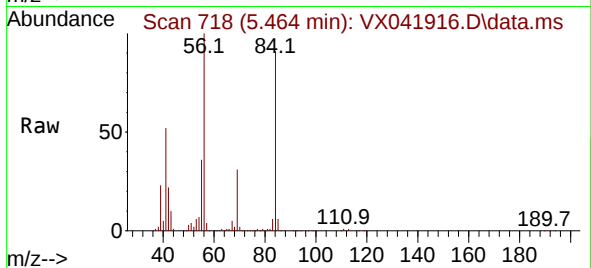
Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.3	75.5





#31
Cyclohexane
Concen: 144.862 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

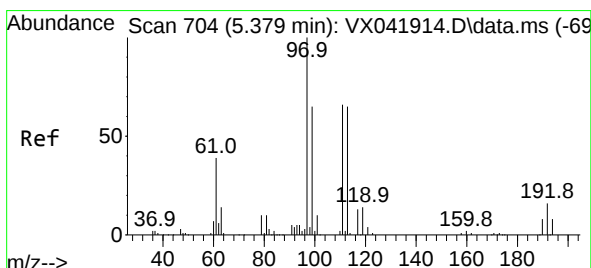
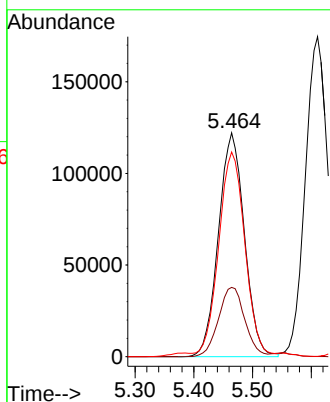
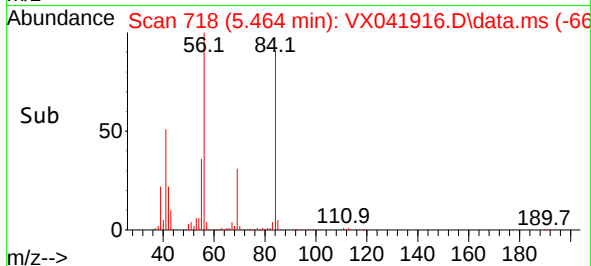
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 374440
Ion Ratio Lower Upper
56 100
69 31.0 23.4 35.2
84 89.9 65.9 98.9

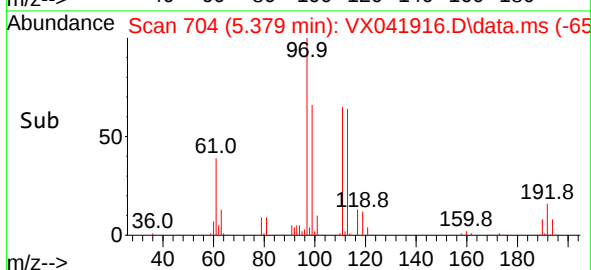
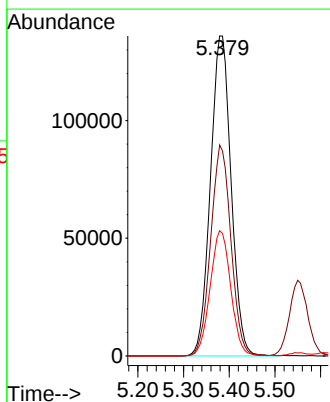
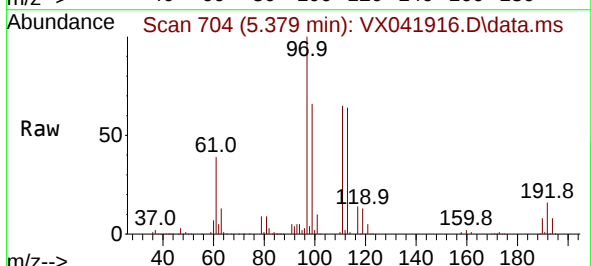
Manual Integrations
APPROVED

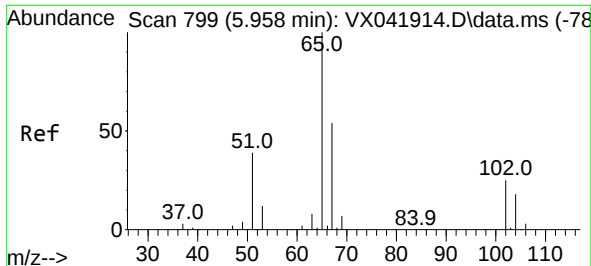
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#32
1,1,1-Trichloroethane
Concen: 158.061 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Tgt Ion: 97 Resp: 427036
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 39.1 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 135.625 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

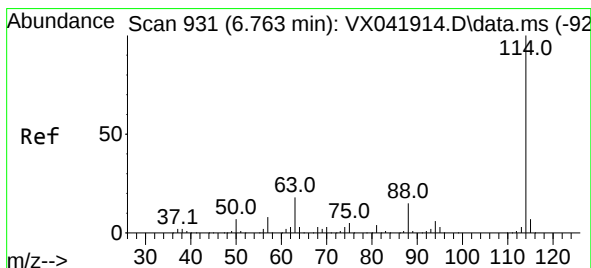
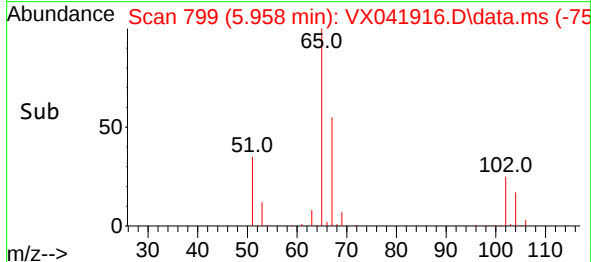
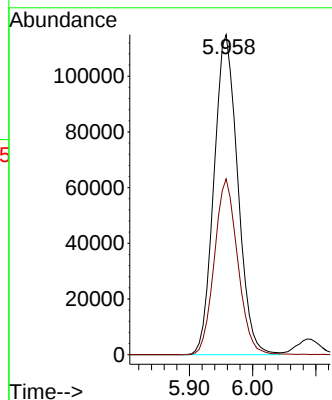
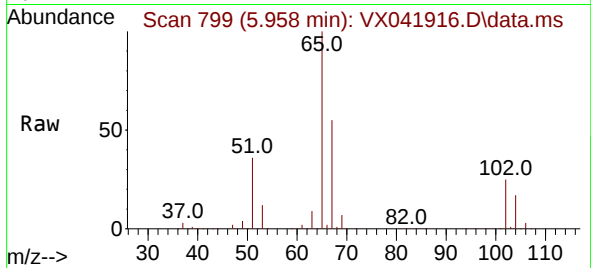
VSTDICC150

Tgt Ion: 65 Resp: 29976
Ion Ratio Lower Upper
65 100
67 53.9 0.0 100.2

Manual Integrations

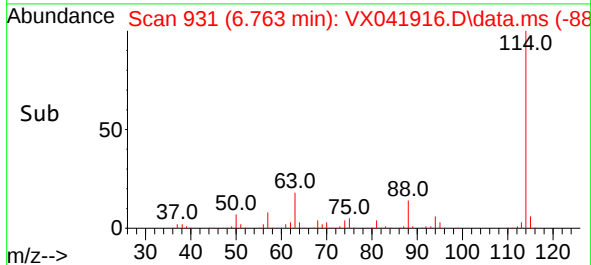
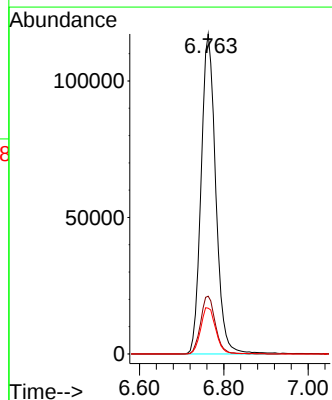
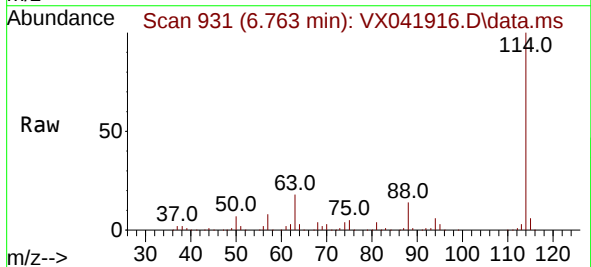
APPROVED

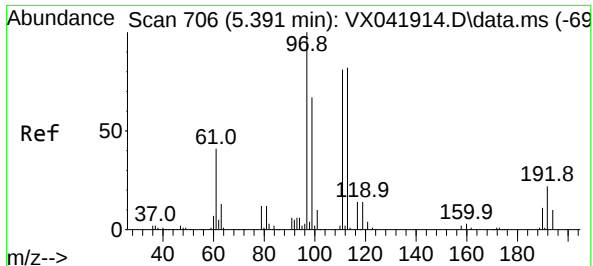
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

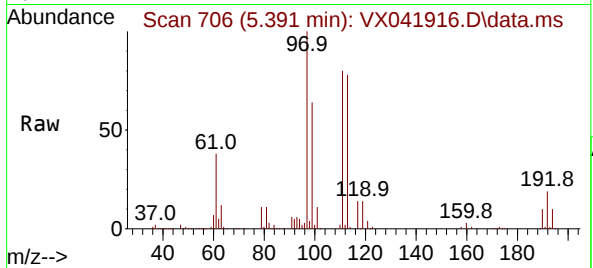
Tgt Ion:114 Resp: 283556
Ion Ratio Lower Upper
114 100
63 18.1 0.0 45.0
88 14.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 140.663 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

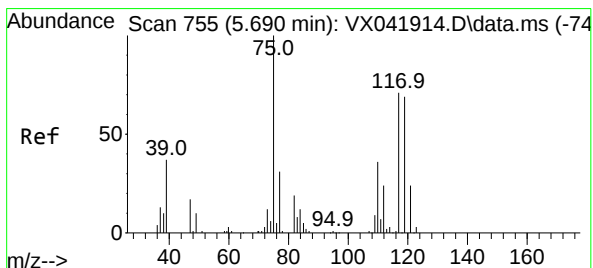
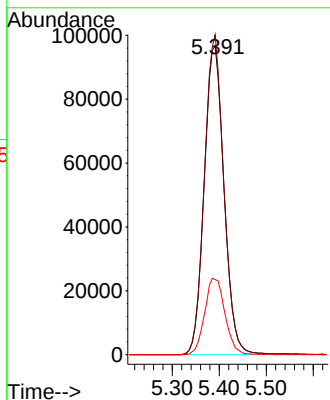
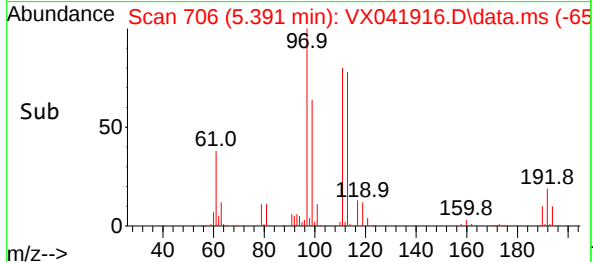
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 113 Resp: 283010
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 25.4 13.3 19.9

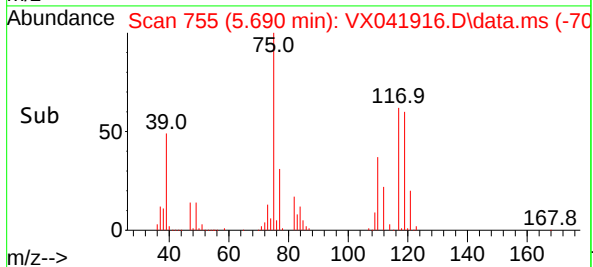
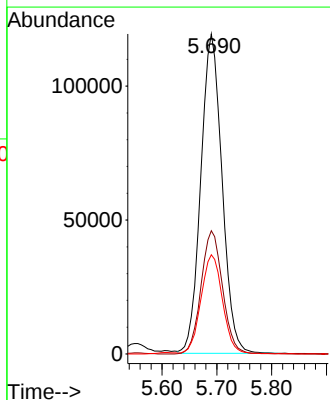
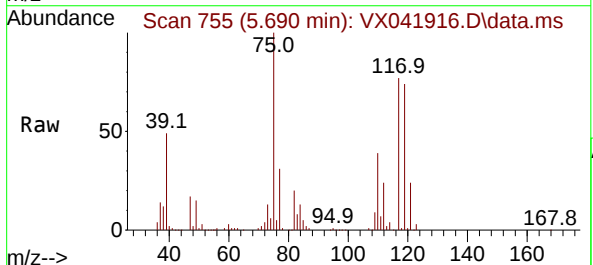
Manual Integrations
APPROVED

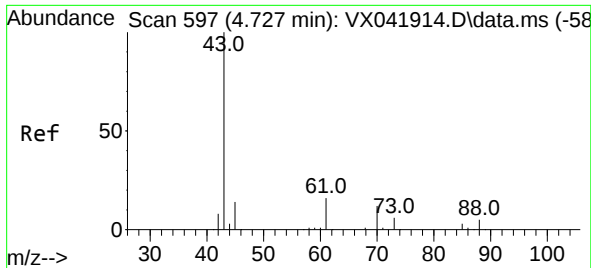
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#36
1,1-Dichloropropene
Concen: 150.113 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Tgt Ion: 75 Resp: 320721
Ion Ratio Lower Upper
75 100
110 39.0 17.0 50.9
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 154.898 ug/l

RT: 4.727 min Scan# 597

Delta R.T. -0.000 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 431104

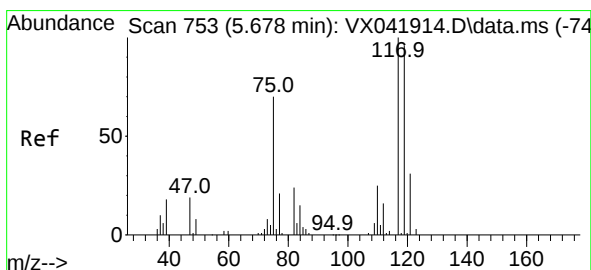
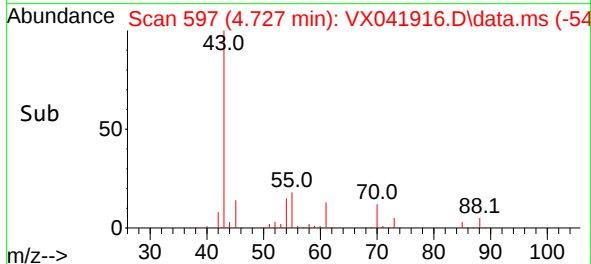
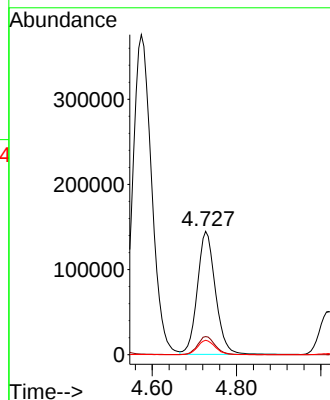
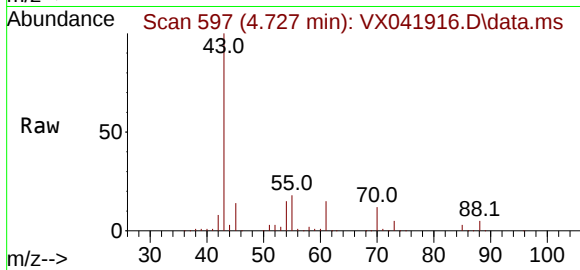
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.6	16.0
70	11.4	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#38

Carbon Tetrachloride

Concen: 158.160 ug/l

RT: 5.672 min Scan# 752

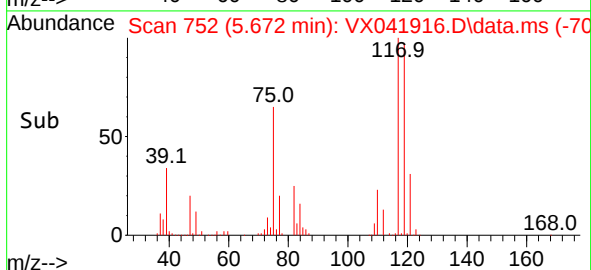
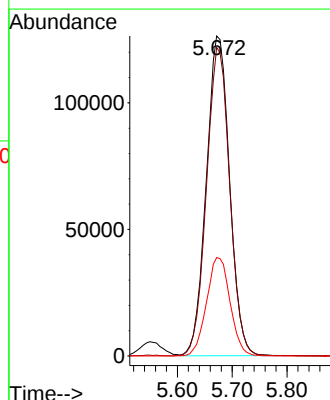
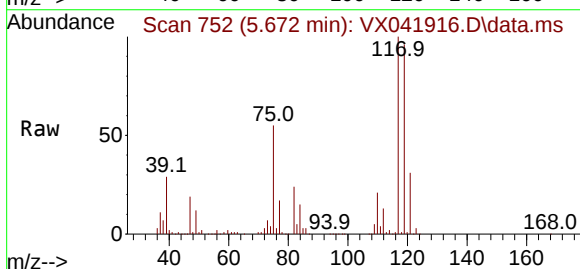
Delta R.T. -0.006 min

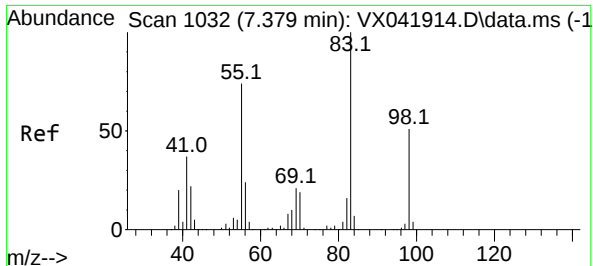
Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

Tgt Ion:117 Resp: 373357

Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.2	117.2
121	30.7	24.4	36.6





#39

Methylcyclohexane

Concen: 149.738 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 40459

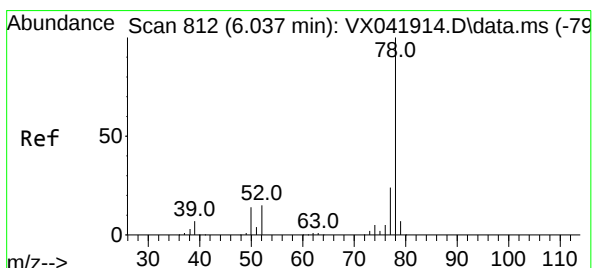
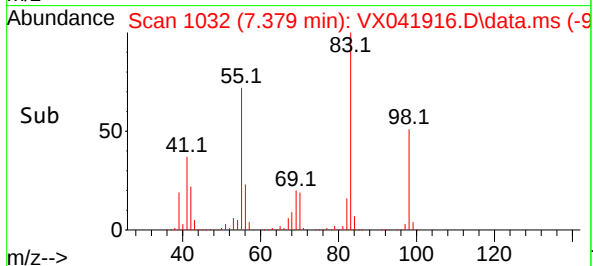
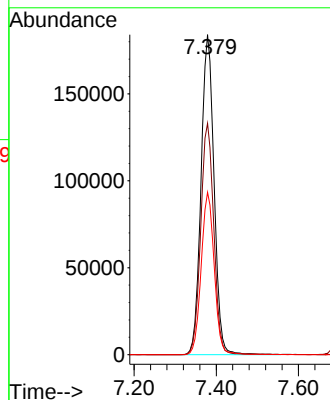
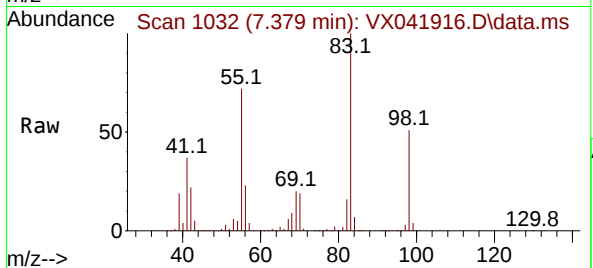
Ion	Ratio	Lower	Upper
83	100		
55	72.3	64.6	97.0
98	50.8	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#40

Benzene

Concen: 146.822 ug/l

RT: 6.037 min Scan# 812

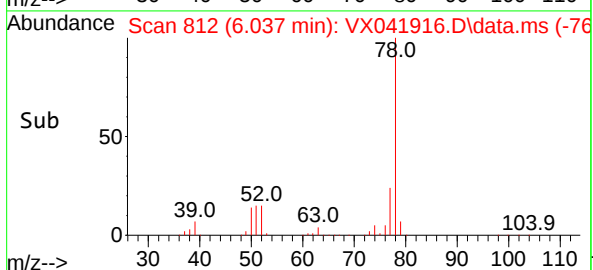
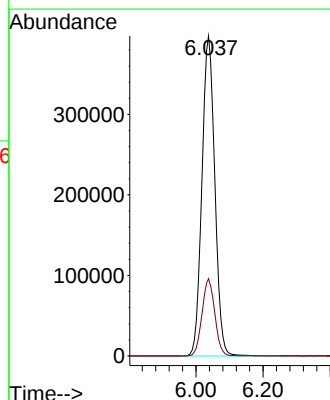
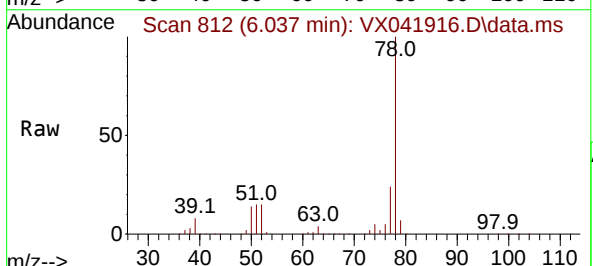
Delta R.T. -0.000 min

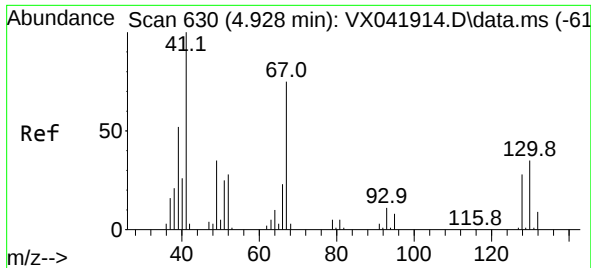
Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

Tgt Ion: 78 Resp: 1057962

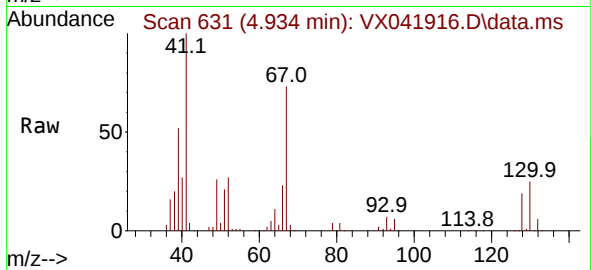
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





#41
Methacrylonitrile
Concen: 157.966 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

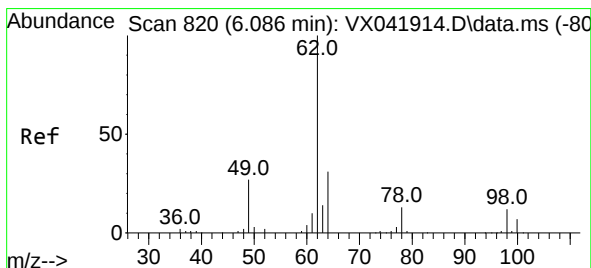
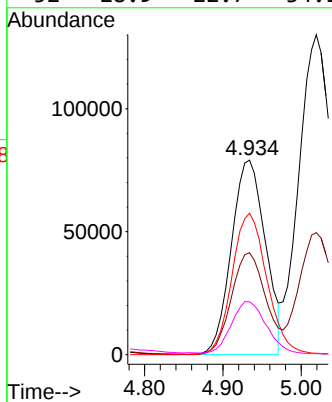
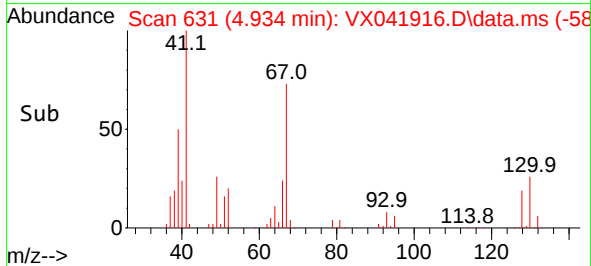
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 238320
Ion Ratio Lower Upper
41 100
39 53.6 45.2 67.8
67 75.4 52.6 78.8
52 28.9 22.7 34.1

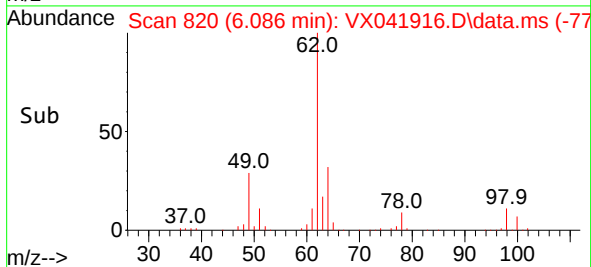
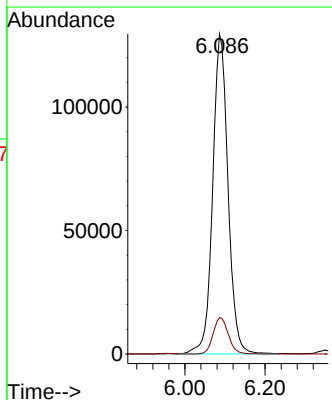
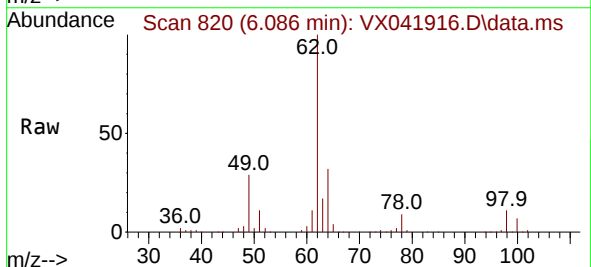
Manual Integrations
APPROVED

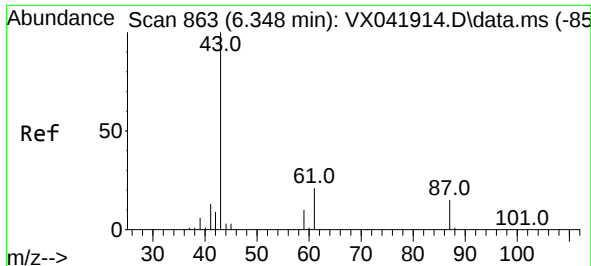
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#42
1,2-Dichloroethane
Concen: 148.156 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Tgt Ion: 62 Resp: 343877
Ion Ratio Lower Upper
62 100
98 11.2 0.0 16.0





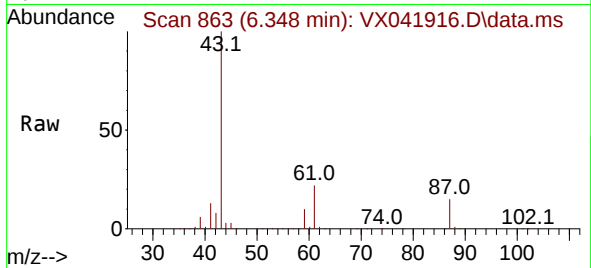
#43
Isopropyl Acetate
Concen: 158.164 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



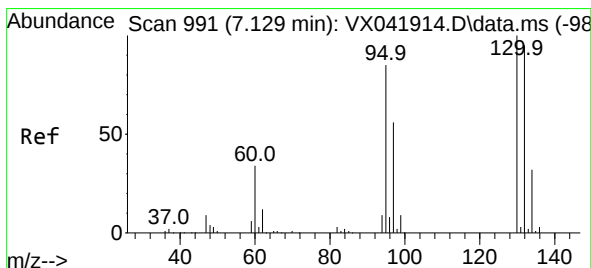
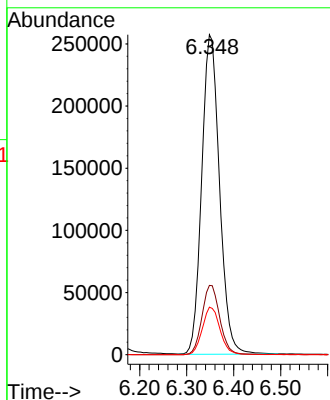
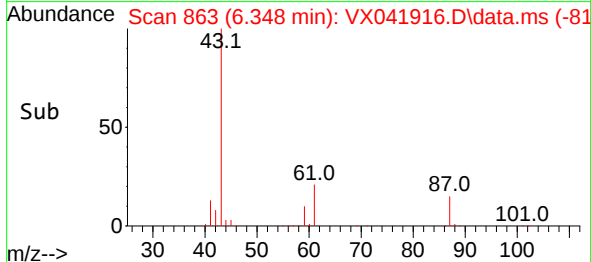
Tgt Ion: 43 Resp: 675680
Ion Ratio Lower Upper
43 100
61 21.7 15.2 22.8
87 14.9 9.8 14.6

Manual Integrations

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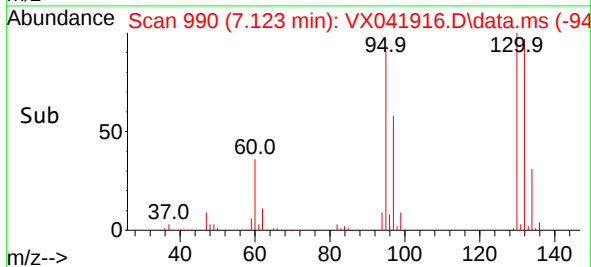
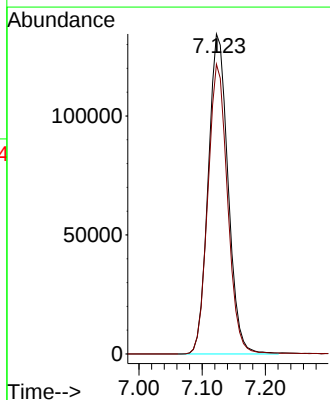
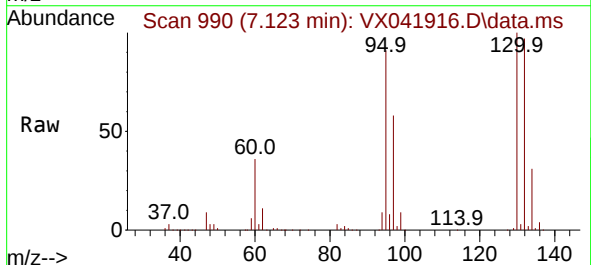
Reviewed By :John Carlone 06/19/2024

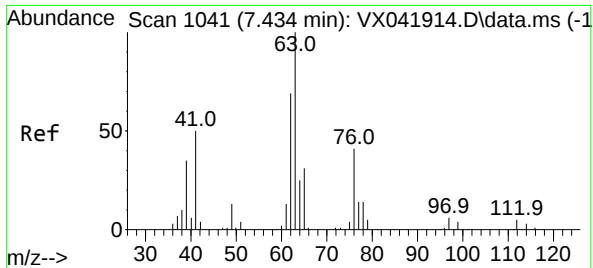
Supervised By :Mahesh Dadoda 06/19/2024



#44
Trichloroethene
Concen: 151.605 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Tgt Ion:130 Resp: 292825
Ion Ratio Lower Upper
130 100
95 90.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 150.223 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 266164

Ion Ratio Lower Upper

63 100

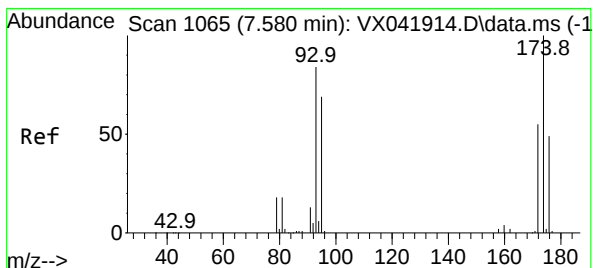
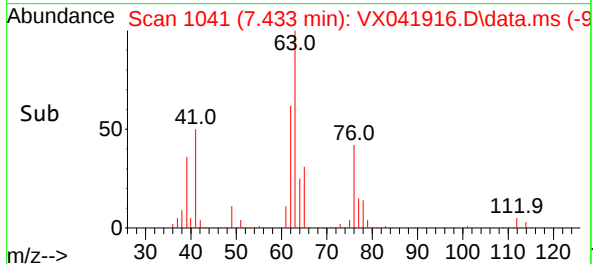
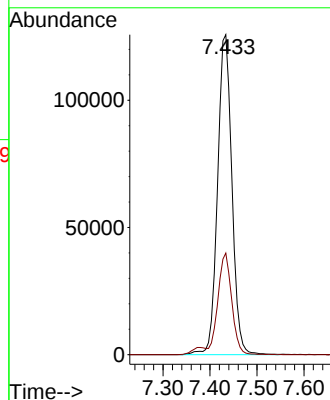
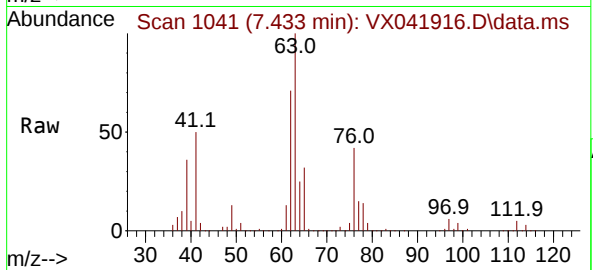
65 31.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#46

Dibromomethane

Concen: 151.852 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

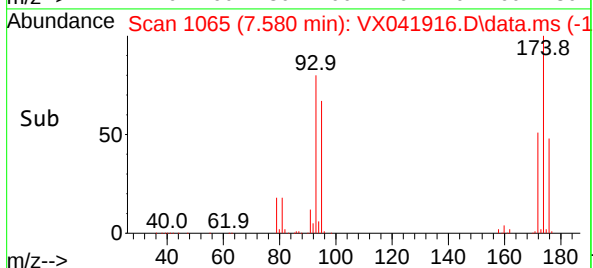
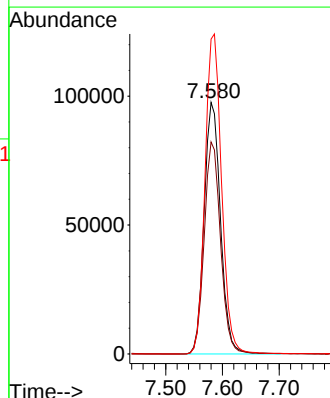
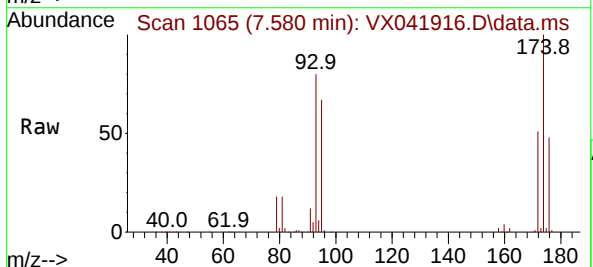
Tgt Ion: 93 Resp: 196035

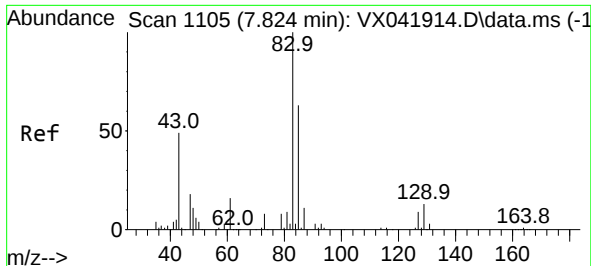
Ion Ratio Lower Upper

93 100

95 84.2 66.6 100.0

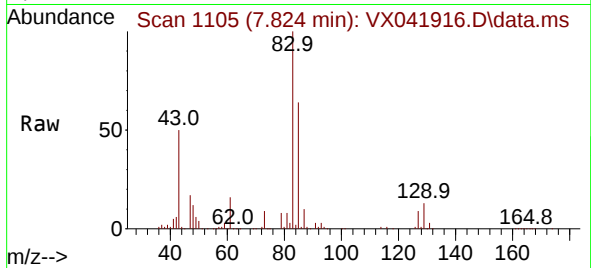
174 128.9 69.4 104.0#





#47
Bromodichloromethane
Concen: 159.737 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

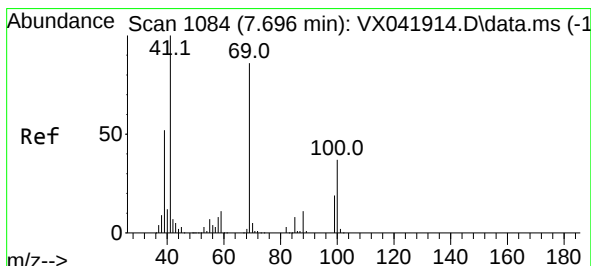
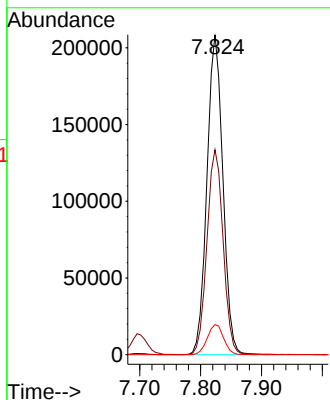
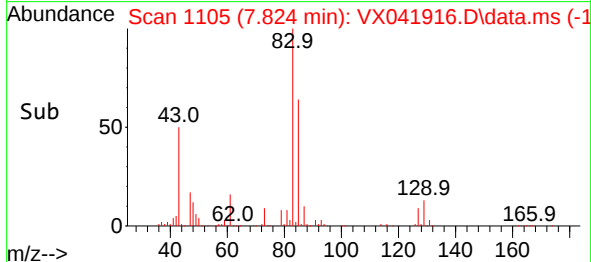
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



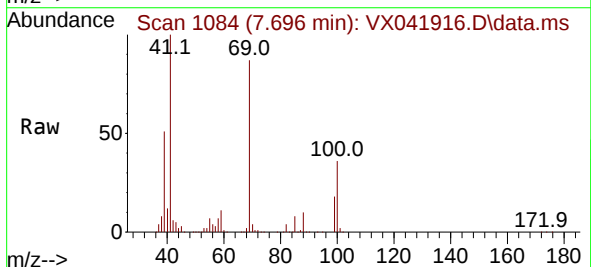
Tgt Ion: 83 Resp: 378604
Ion Ratio Lower Upper
83 100
85 64.0 49.8 74.6
127 9.4 7.1 10.7

Manual Integrations
APPROVED

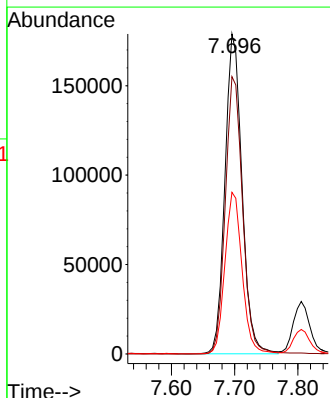
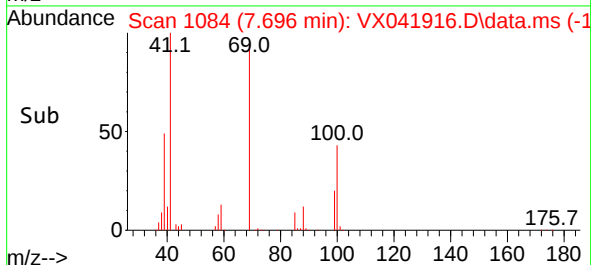
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

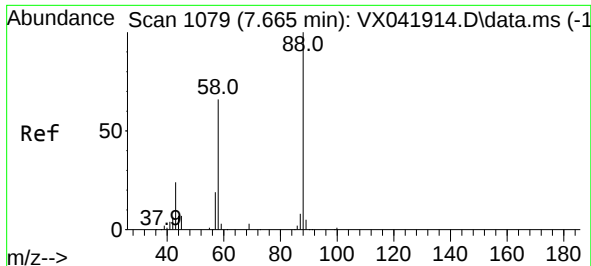


#48
Methyl methacrylate
Concen: 164.310 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27



Tgt Ion: 41 Resp: 334994
Ion Ratio Lower Upper
41 100
69 88.2 59.2 88.8
39 50.9 47.7 71.5





#49

1,4-Dioxane

Concen: 2982.459 ug/l

RT: 7.671 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 163068

Ion Ratio Lower Upper

88 100

43 27.1 0.0 0.0

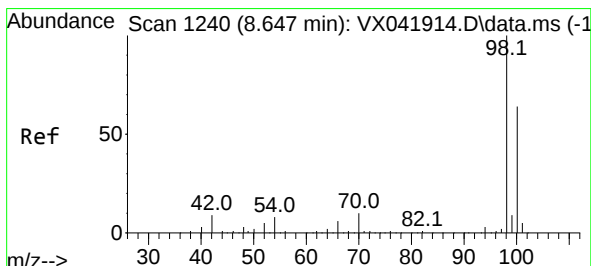
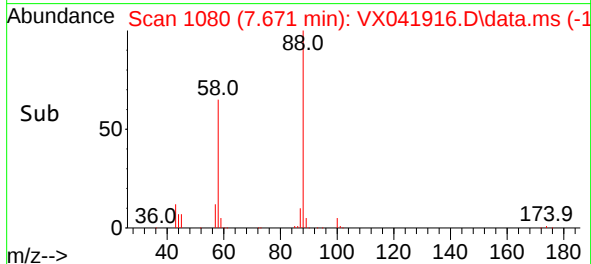
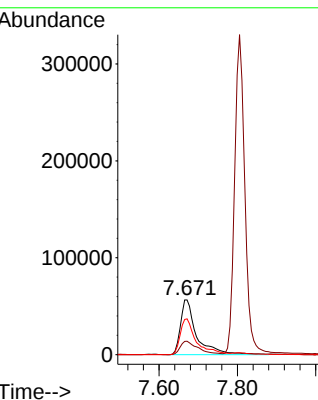
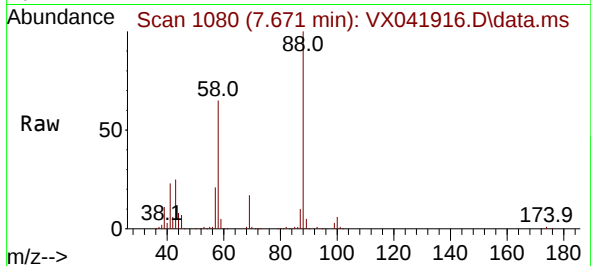
58 64.3 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#50

Toluene-d8

Concen: 139.913 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX041916.D

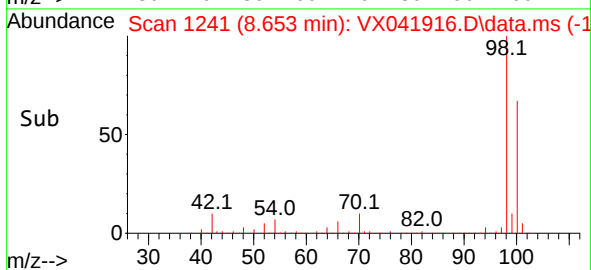
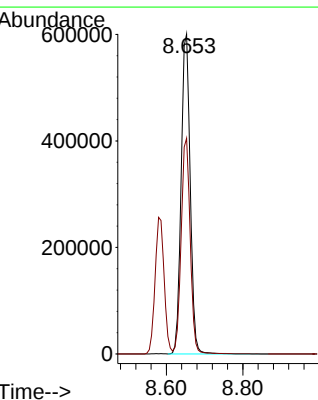
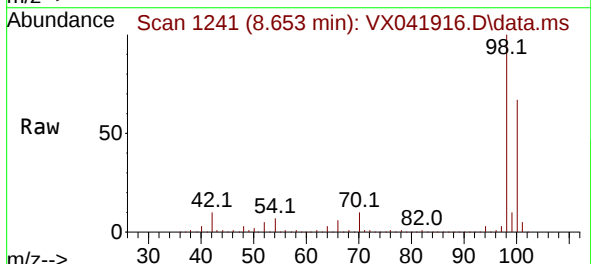
Acq: 18 Jun 2024 11:27

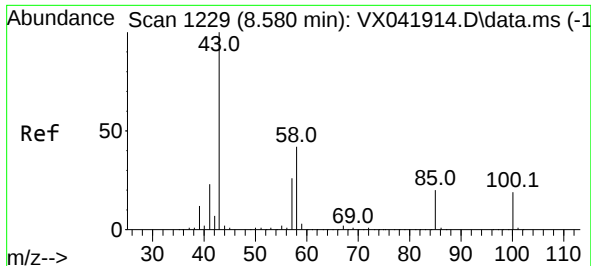
Tgt Ion: 98 Resp: 988936

Ion Ratio Lower Upper

98 100

100 67.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 759.242 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

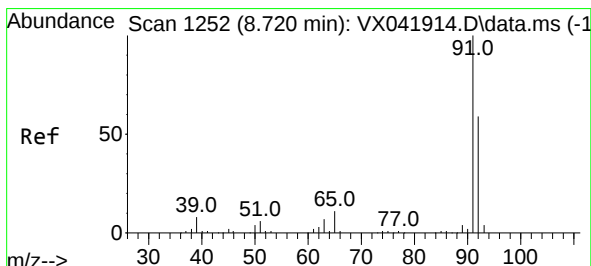
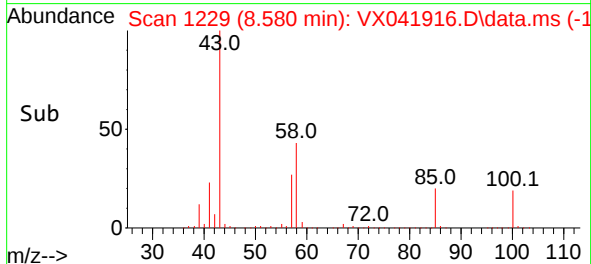
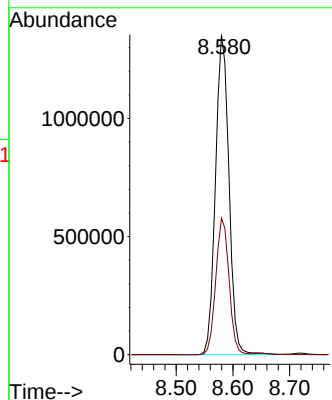
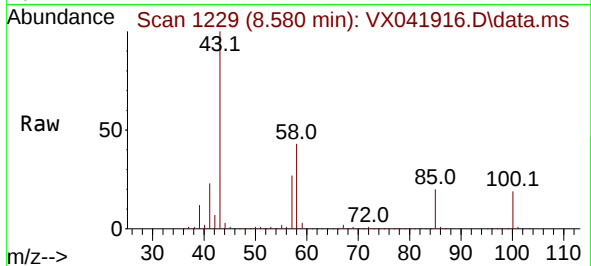
VSTDICC150

Tgt Ion: 43 Resp: 223424
Ion Ratio Lower Upper
43 100
58 42.0 30.4 45.6

Manual Integrations

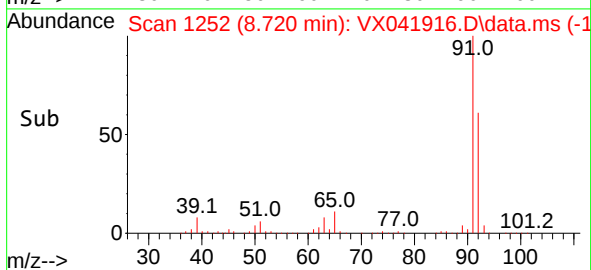
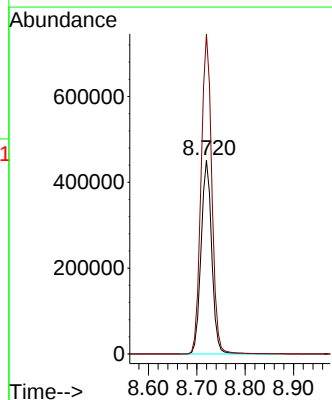
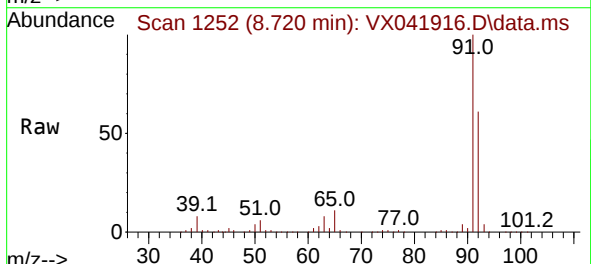
APPROVED

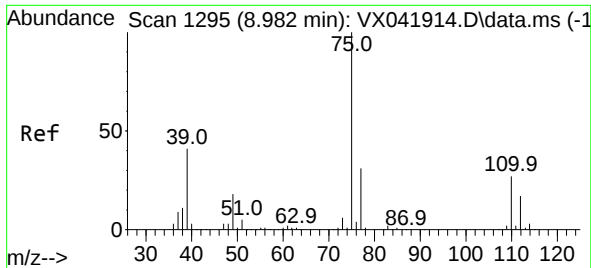
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#52
Toluene
Concen: 149.972 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Tgt Ion: 92 Resp: 688151
Ion Ratio Lower Upper
92 100
91 166.9 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 149.536 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

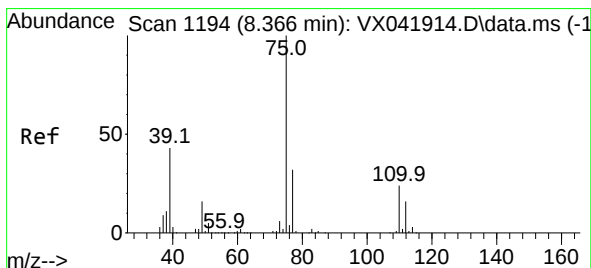
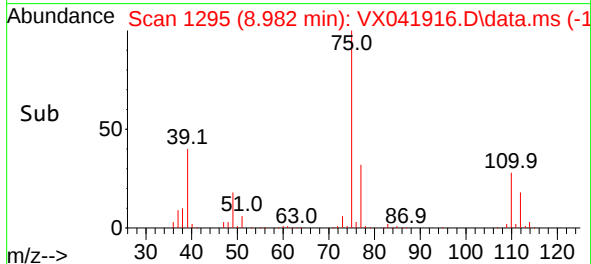
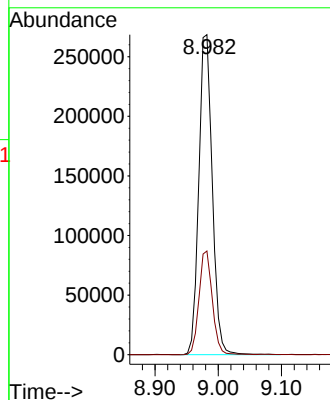
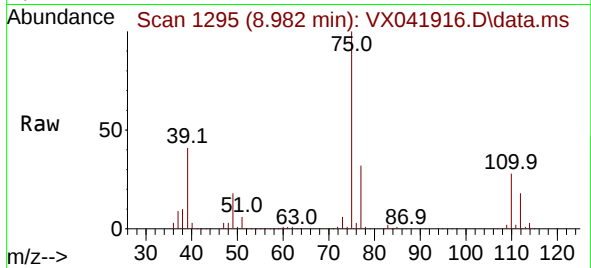
VSTDIC150

Tgt Ion: 75 Resp: 39894
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5

Manual Integrations

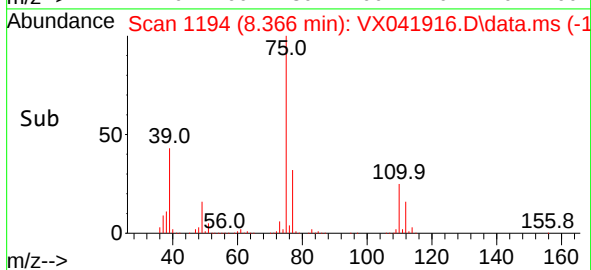
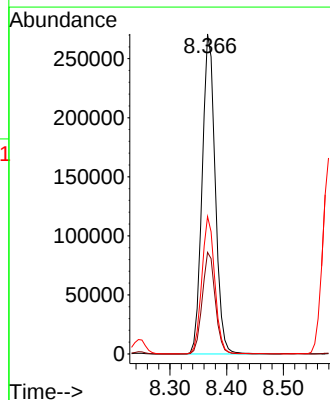
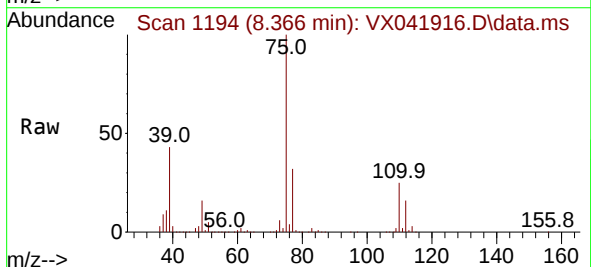
APPROVED

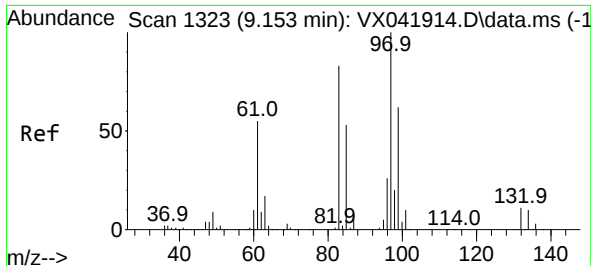
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#54
cis-1,3-Dichloropropene
Concen: 167.256 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Tgt Ion: 75 Resp: 434015
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 42.9 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 149.334 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

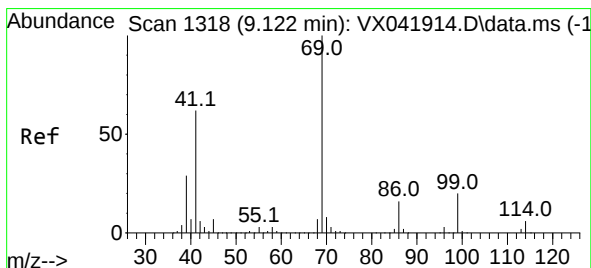
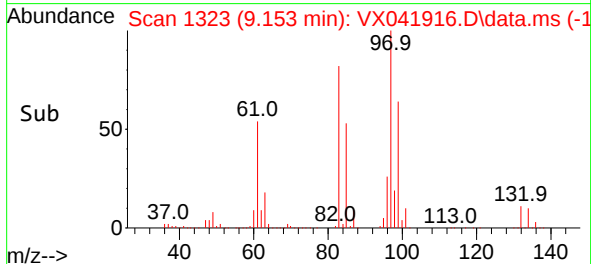
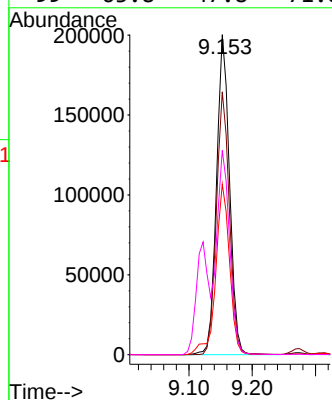
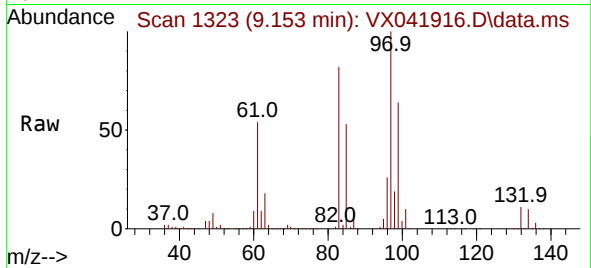
Tgt Ion: 97 Resp: 285454
Ion Ratio Lower Upper
97 100
83 82.2 65.8 98.8
85 53.3 41.6 62.4
99 63.8 47.8 71.8

Manual Integrations

APPROVED

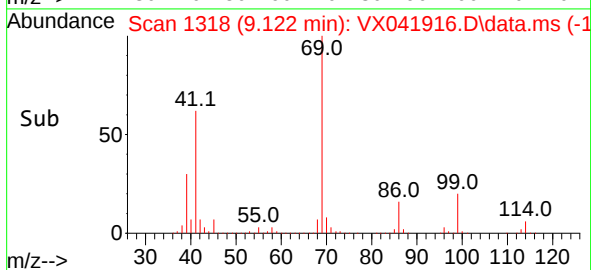
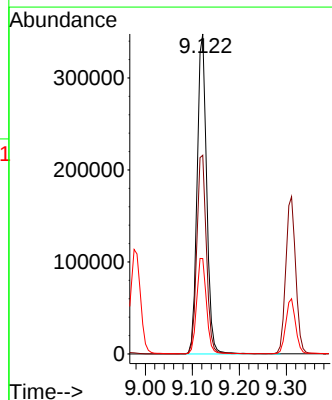
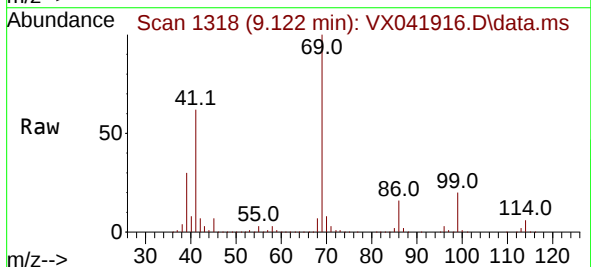
Reviewed By :John Carlone 06/19/2024

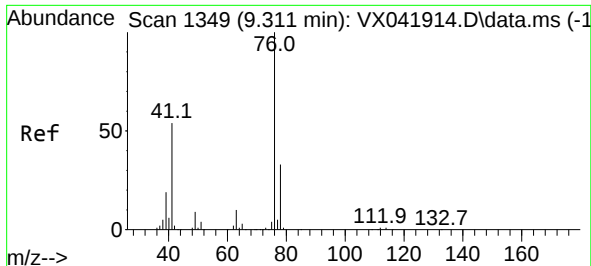
Supervised By :Mahesh Dadoda 06/19/2024



#56
Ethyl methacrylate
Concen: 165.567 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Tgt Ion: 69 Resp: 492357
Ion Ratio Lower Upper
69 100
41 63.0 56.8 85.2
39 30.7 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 148.686 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 45918

Ion Ratio Lower Upper

76 100

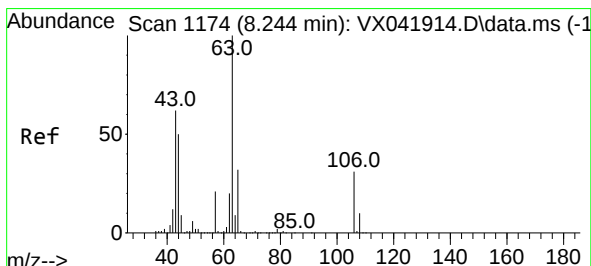
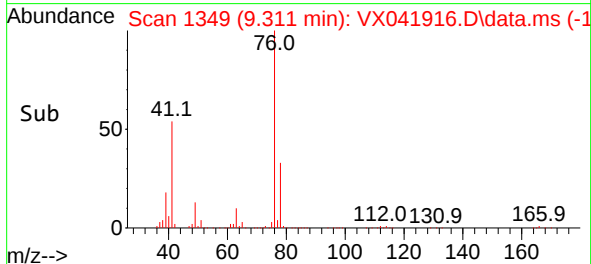
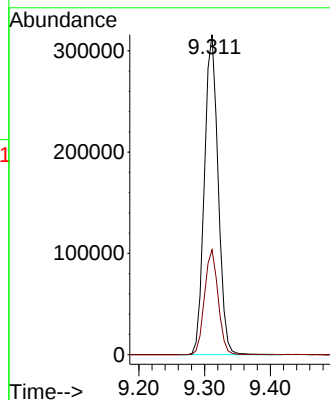
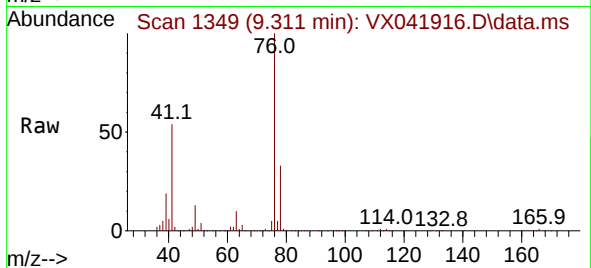
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#58

2-Chloroethyl Vinyl ether

Concen: 778.793 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX041916.D

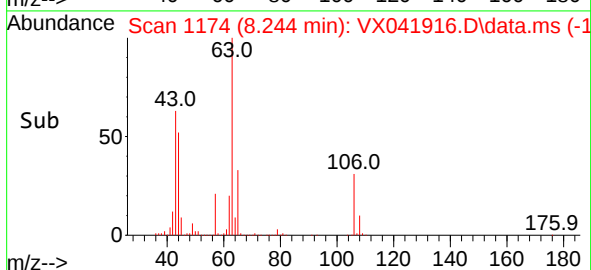
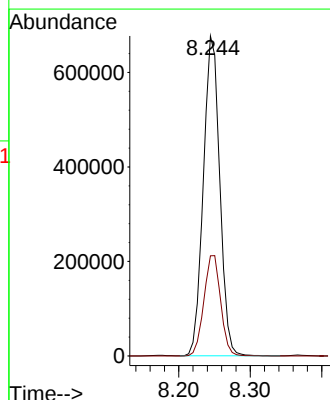
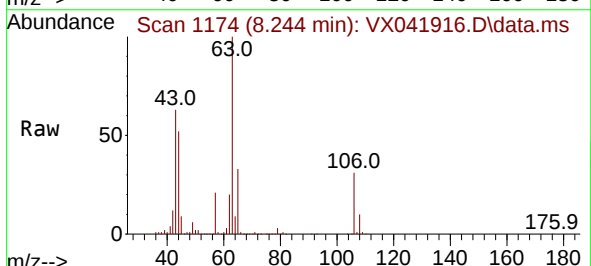
Acq: 18 Jun 2024 11:27

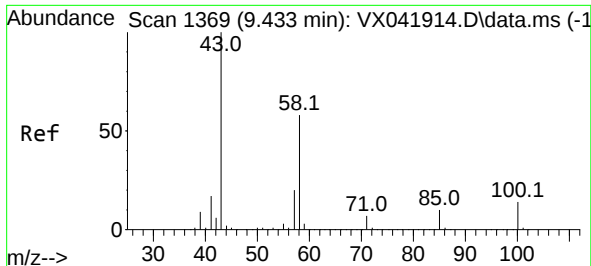
Tgt Ion: 63 Resp: 1079250

Ion Ratio Lower Upper

63 100

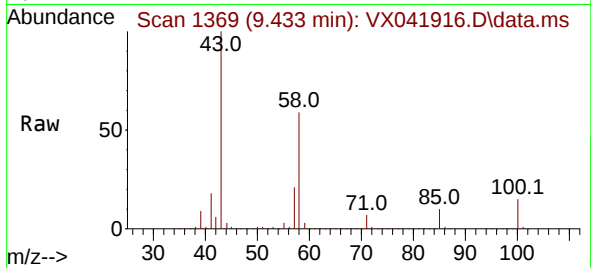
106 32.1 22.5 33.7





#59
2-Hexanone
Concen: 777.578 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

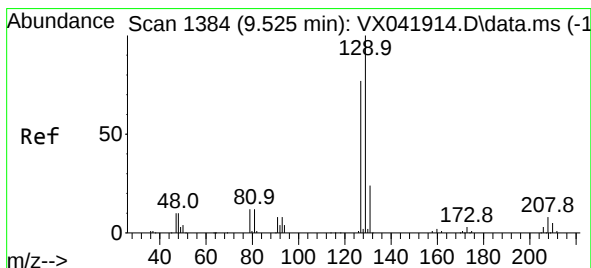
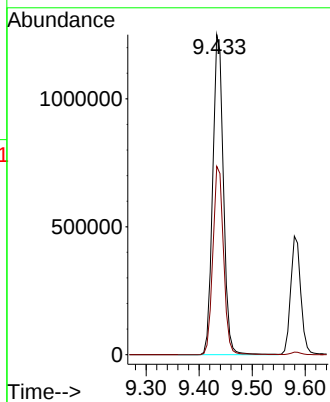
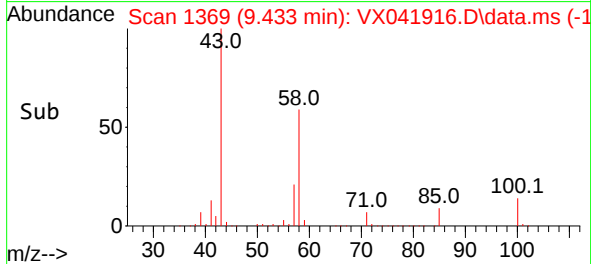
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 1752560
Ion Ratio Lower Upper
43 100
58 58.8 26.2 78.5

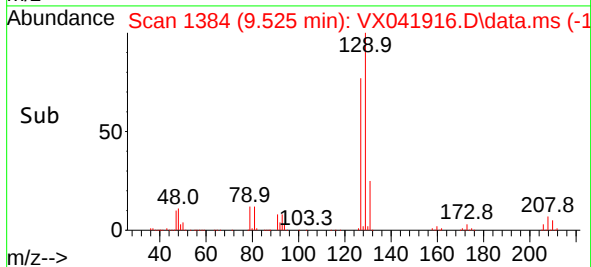
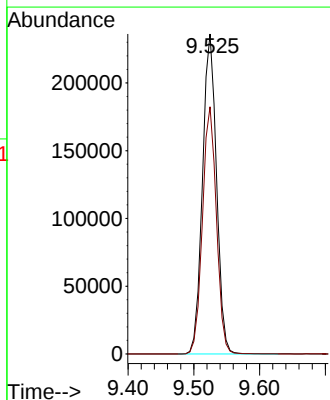
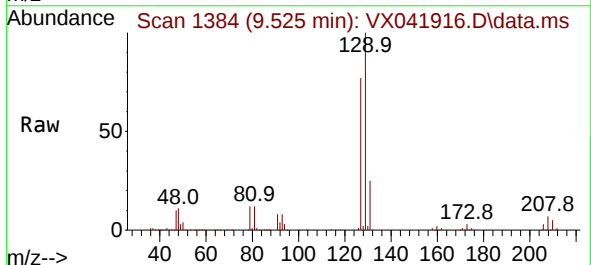
Manual Integrations
APPROVED

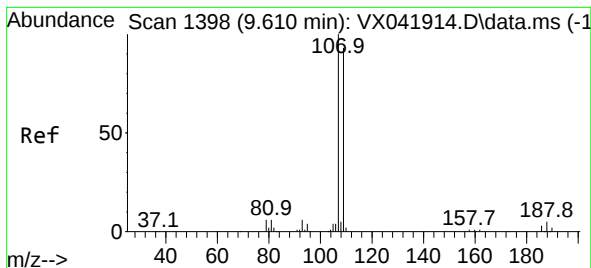
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#60
Dibromochloromethane
Concen: 168.283 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

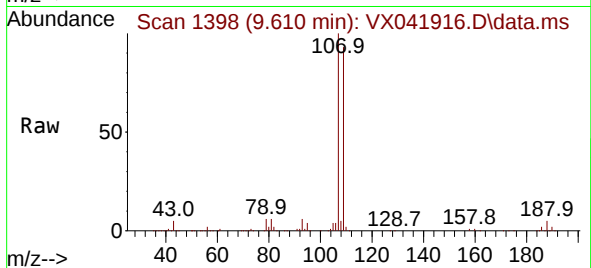
Tgt Ion:129 Resp: 349415
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 153.305 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

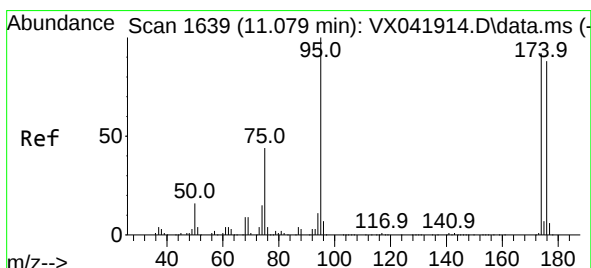
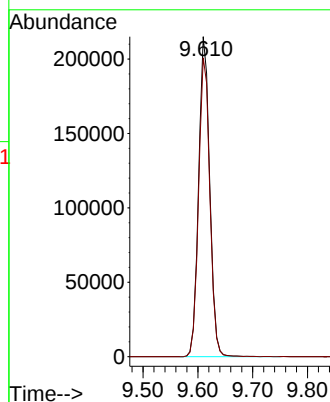
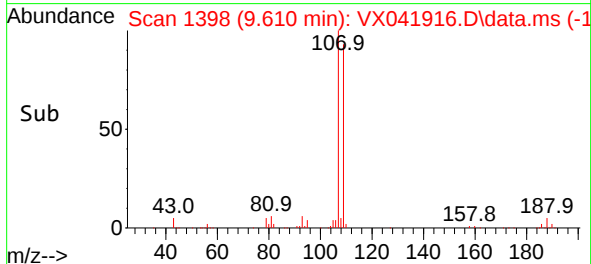
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



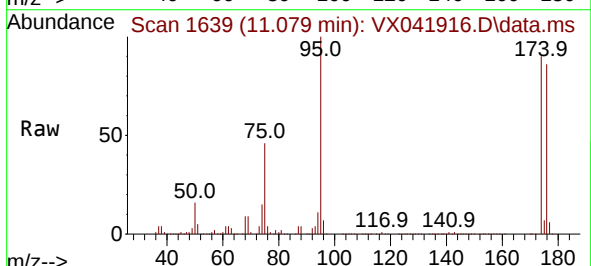
Tgt Ion:107 Resp: 303908
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

Manual Integrations
APPROVED

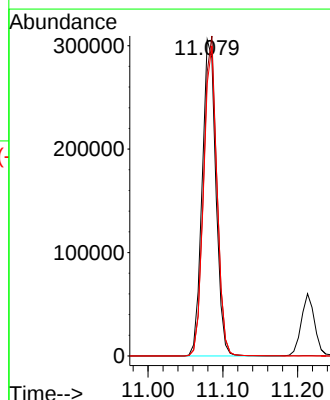
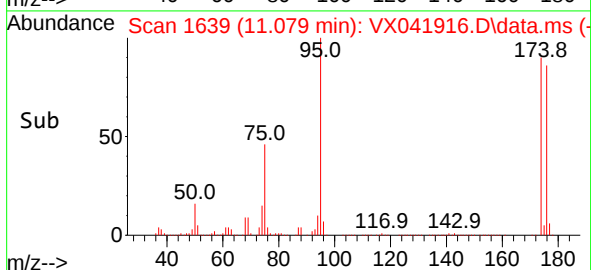
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

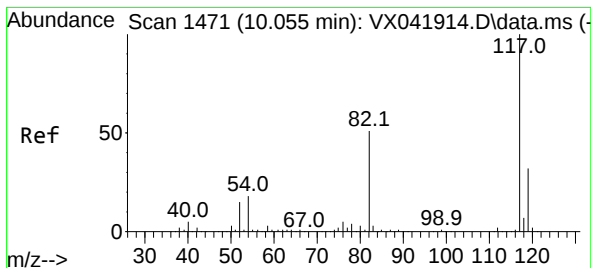


#62
4-Bromofluorobenzene
Concen: 149.871 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27



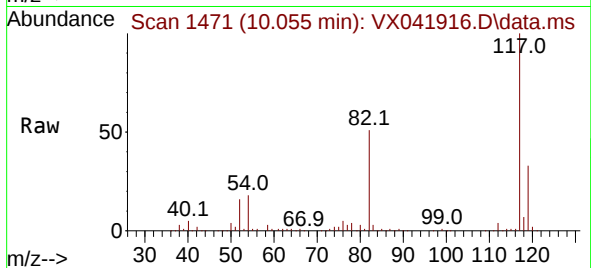
Tgt Ion: 95 Resp: 390489
Ion Ratio Lower Upper
95 100
174 97.9 0.0 135.6
176 95.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

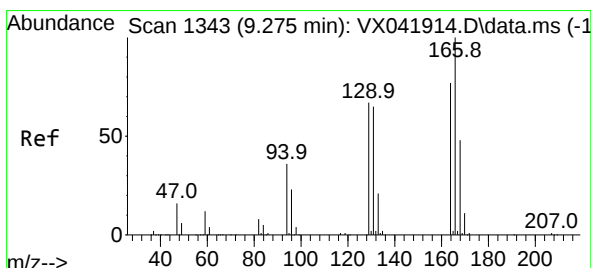
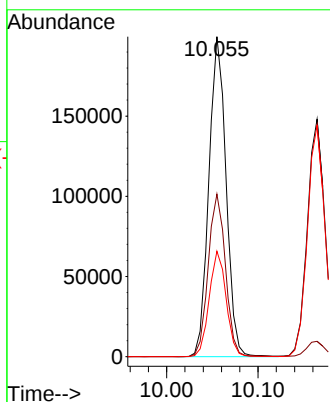
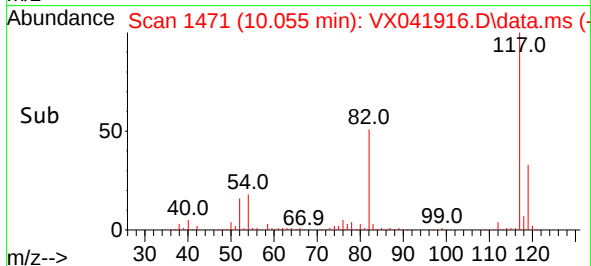
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 260559
Ion Ratio Lower Upper
117 100
82 50.8 46.2 69.4
119 33.0 25.5 38.3

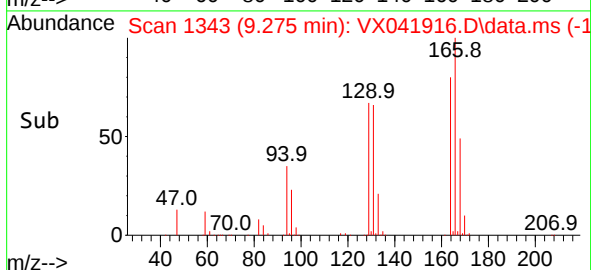
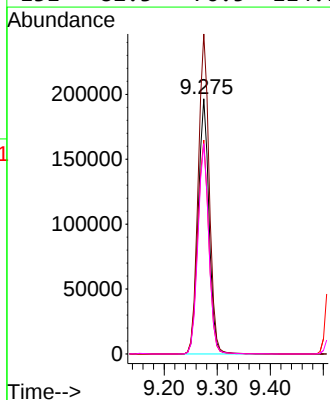
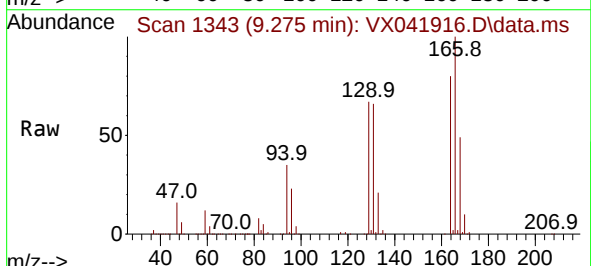
Manual Integrations
APPROVED

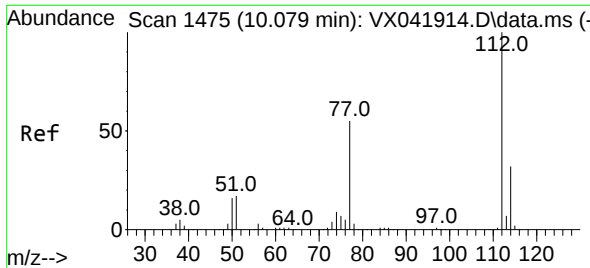
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#64
Tetrachloroethene
Concen: 147.541 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Tgt Ion:164 Resp: 279900
Ion Ratio Lower Upper
164 100
166 125.3 102.7 154.1
129 83.8 80.4 120.6
131 82.3 76.5 114.7





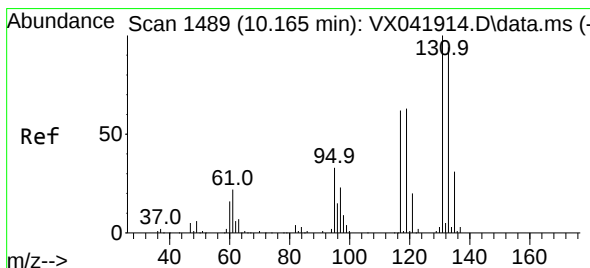
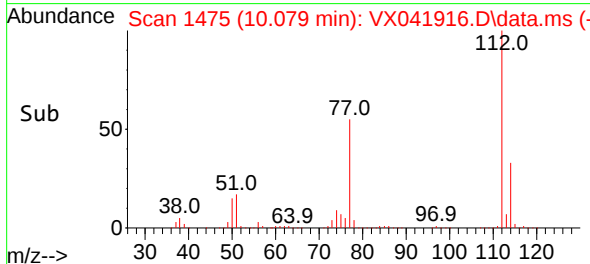
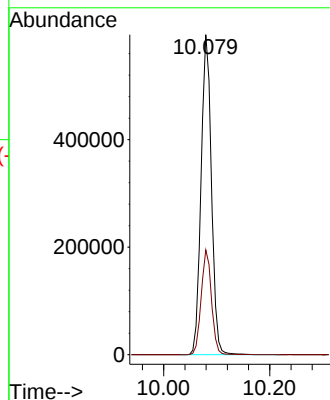
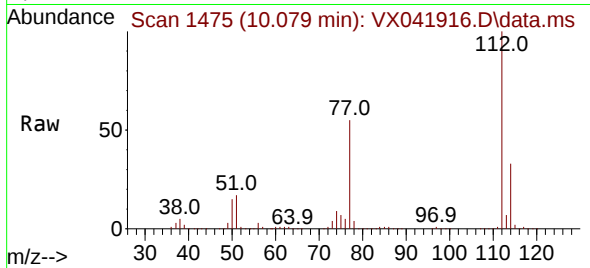
#65
Chlorobenzene
Concen: 148.984 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 80733
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

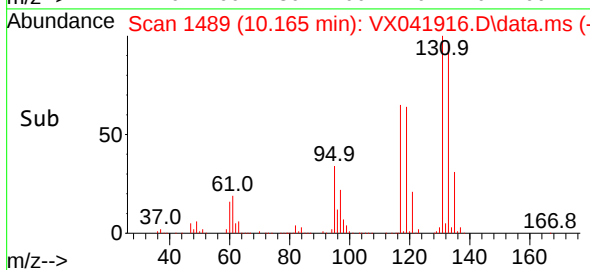
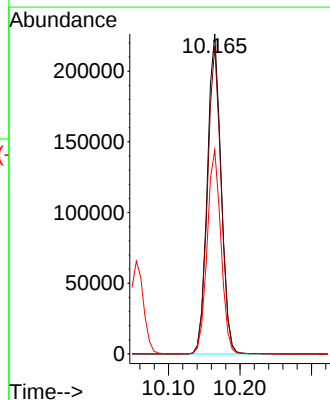
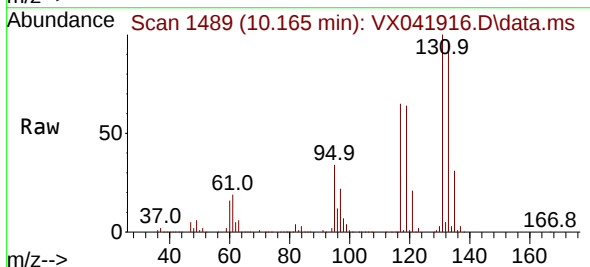
Manual Integrations
APPROVED

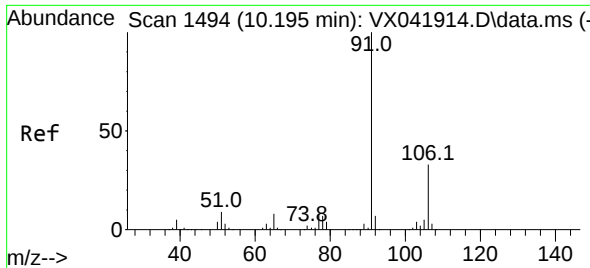
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 159.428 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

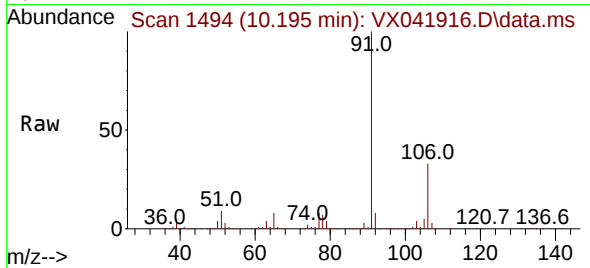
Tgt Ion:131 Resp: 302474
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 64.0 32.2 96.6





#67
Ethyl Benzene
Concen: 153.875 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

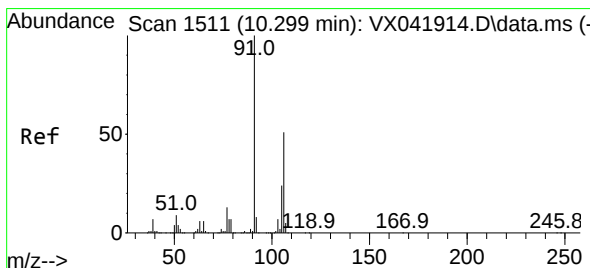
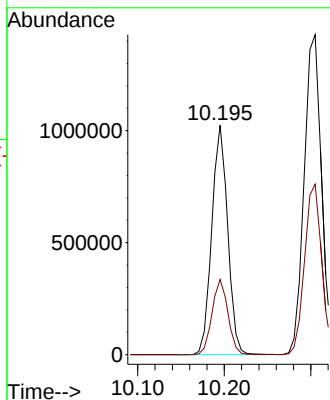
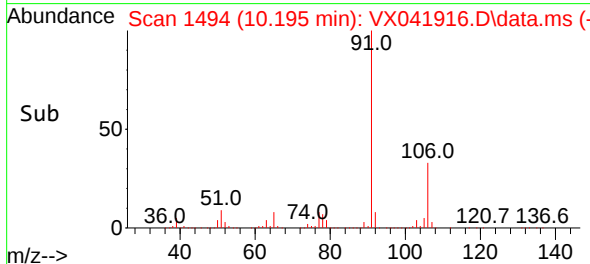
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



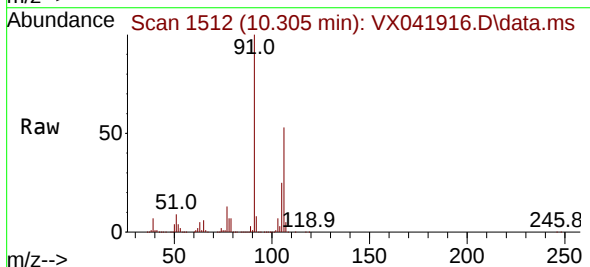
Tgt Ion: 91 Resp: 1306772
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3

Manual Integrations
APPROVED

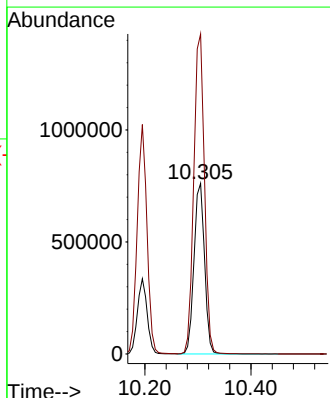
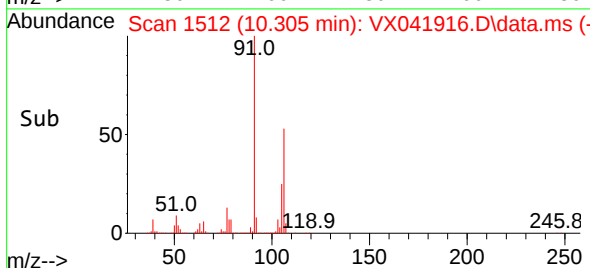
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

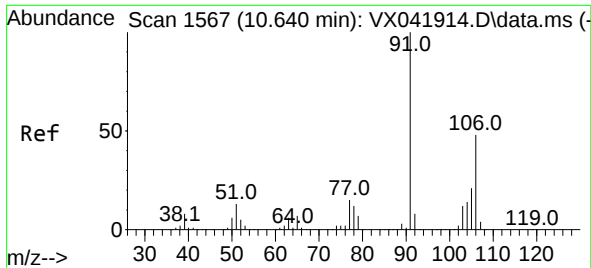


#68
m/p-Xylenes
Concen: 304.941 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27



Tgt Ion:106 Resp: 1045389
Ion Ratio Lower Upper
106 100
91 190.0 165.5 248.3





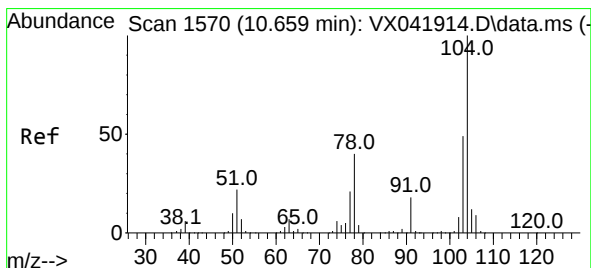
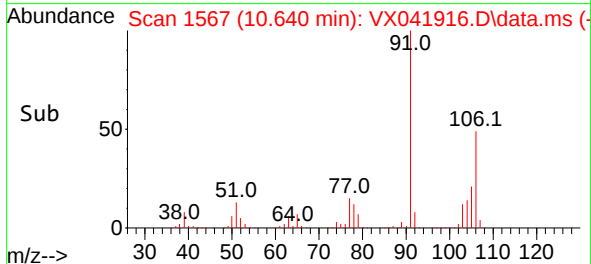
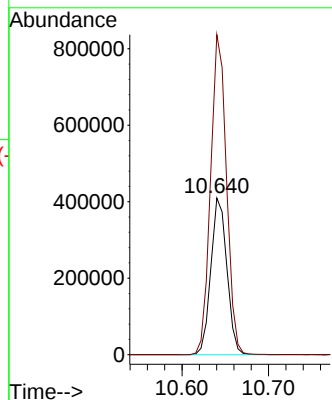
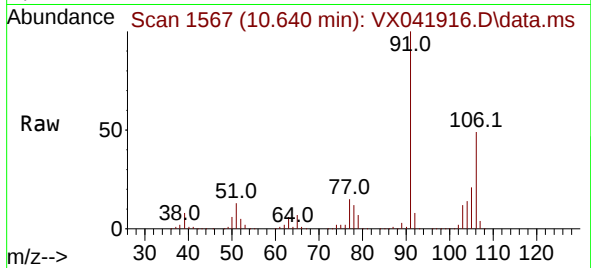
#69
o-Xylene
Concen: 155.216 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 526808
Ion Ratio Lower Upper
106 100
91 202.6 108.9 326.8

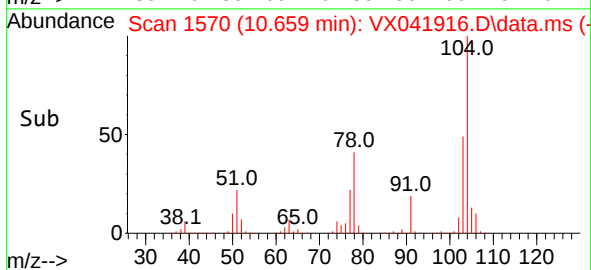
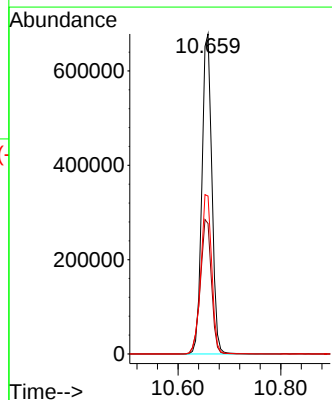
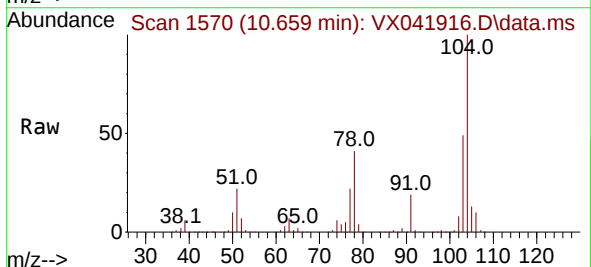
Manual Integrations
APPROVED

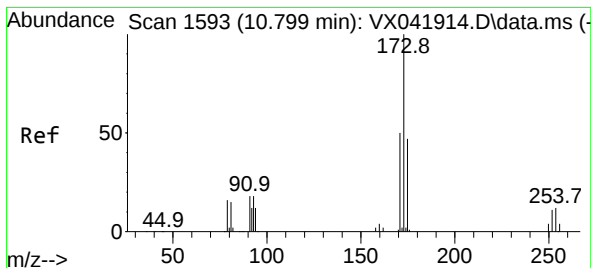
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#70
Styrene
Concen: 160.796 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Tgt Ion:104 Resp: 915152
Ion Ratio Lower Upper
104 100
78 46.4 43.6 65.4
103 54.4 43.6 65.4





#71

Bromoform

Concen: 149.854 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:173 Resp: 301209

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.4

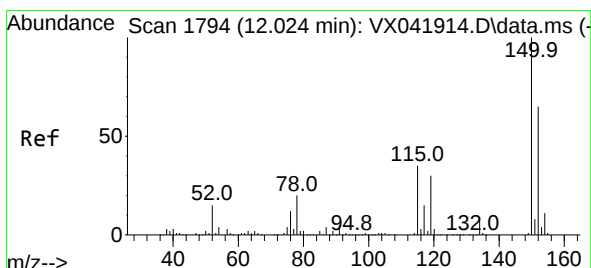
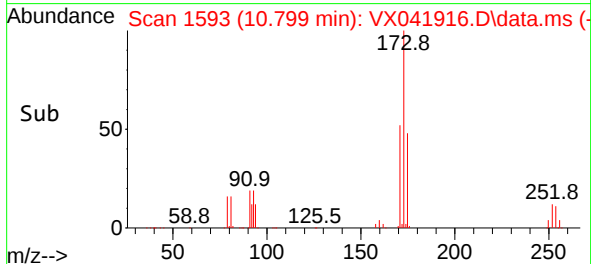
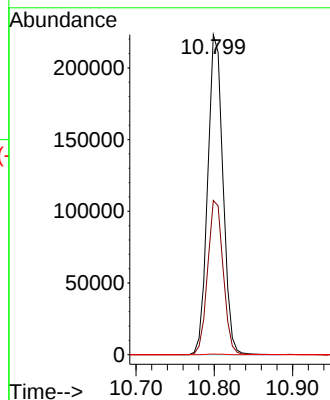
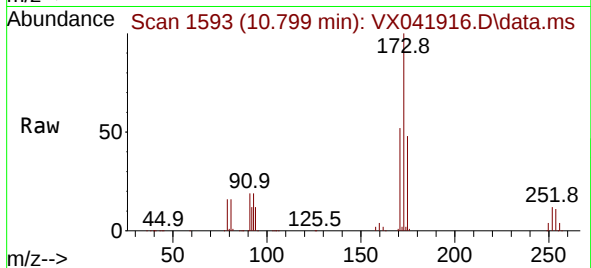
254 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

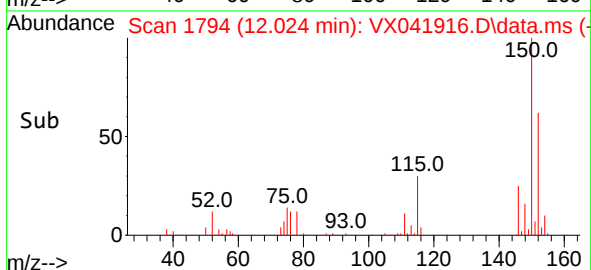
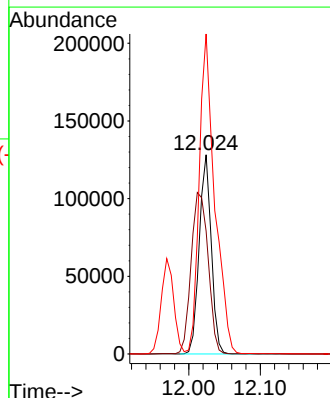
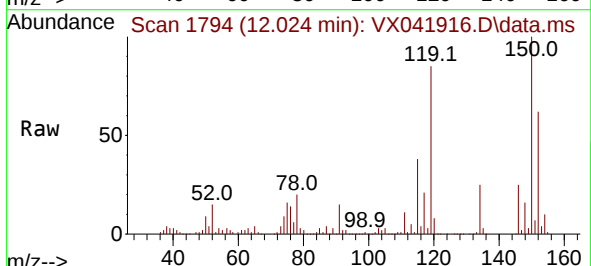
Tgt Ion:152 Resp: 150250

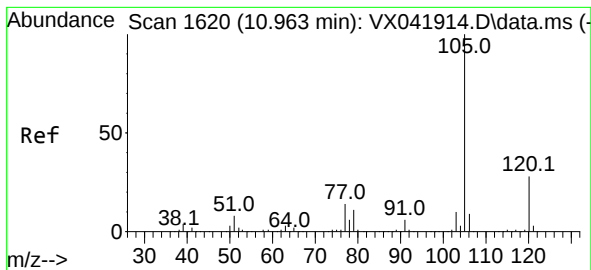
Ion Ratio Lower Upper

152 100

115 113.6 43.3 129.9

150 206.5 0.0 345.0





#73

Isopropylbenzene

Concen: 145.074 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 132536

Ion Ratio Lower Upper

105 100

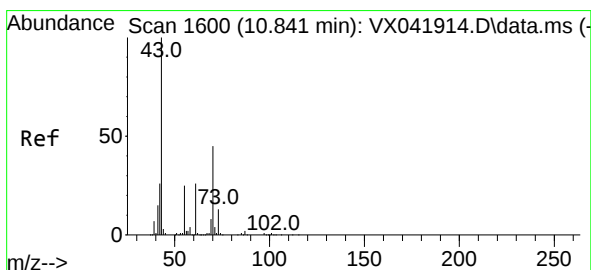
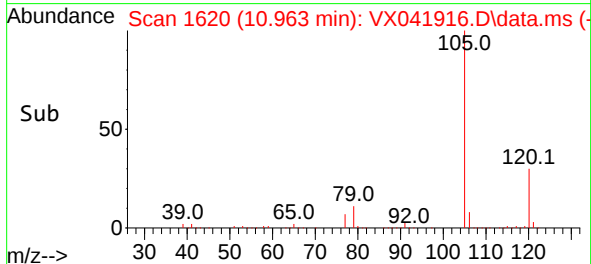
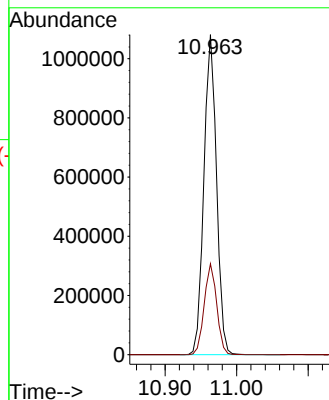
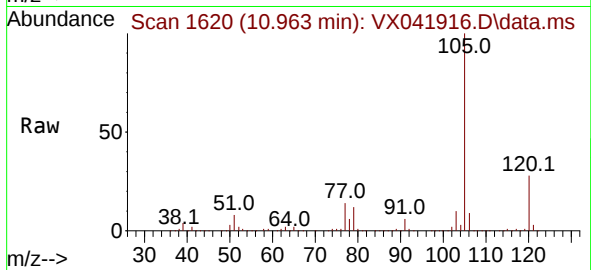
120 28.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#74

N-ethyl acetate

Concen: 156.263 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

Tgt Ion: 43 Resp: 634130

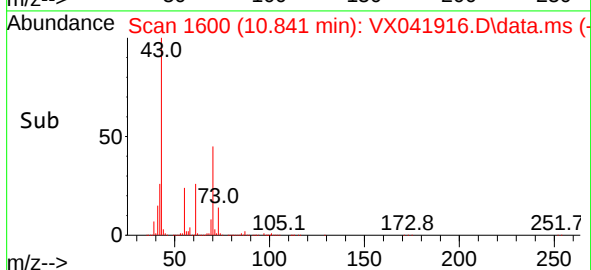
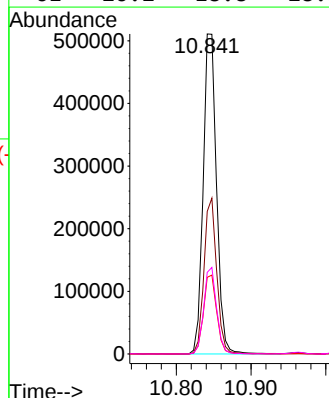
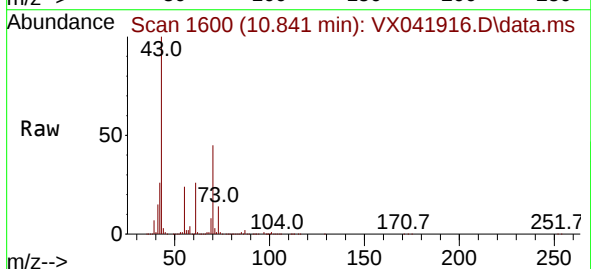
Ion Ratio Lower Upper

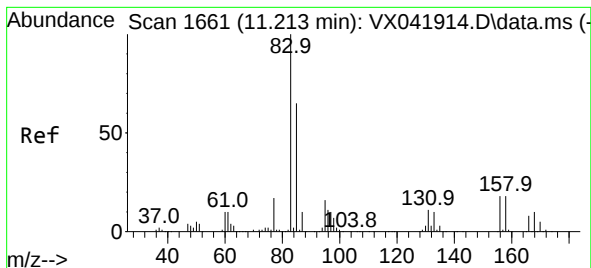
43 100

70 46.7 32.9 49.3

55 24.6 19.3 28.9

61 26.2 18.8 28.2





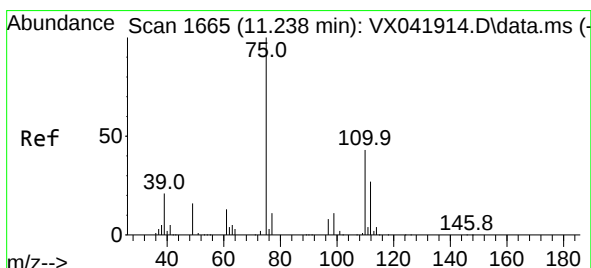
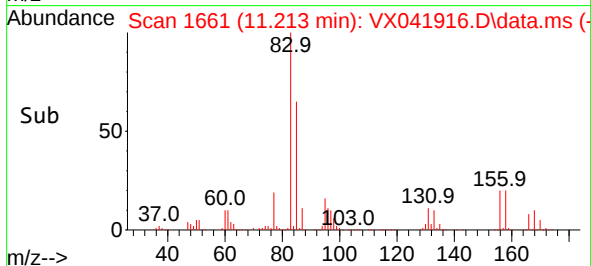
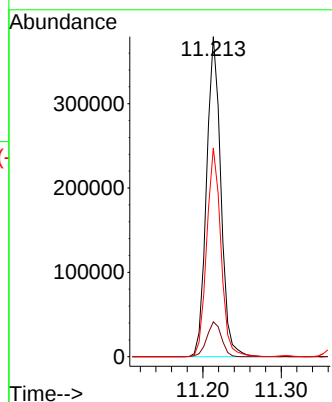
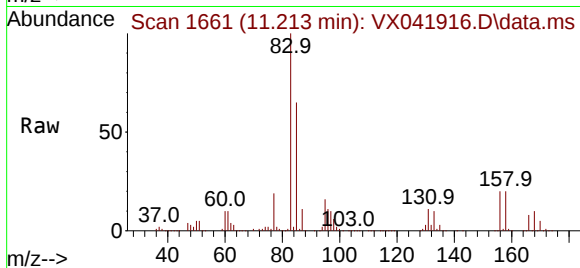
#75
1,1,2,2-Tetrachloroethane
Concen: 141.241 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 479780
Ion Ratio Lower Upper
83 100
131 11.2 5.3 15.8
85 64.7 32.0 96.2

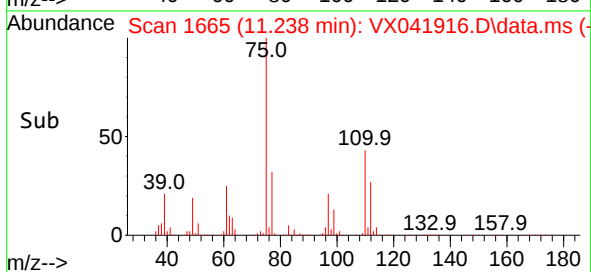
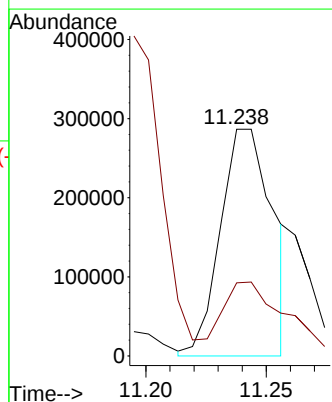
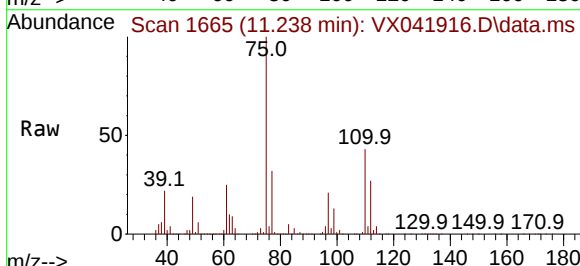
Manual Integrations
APPROVED

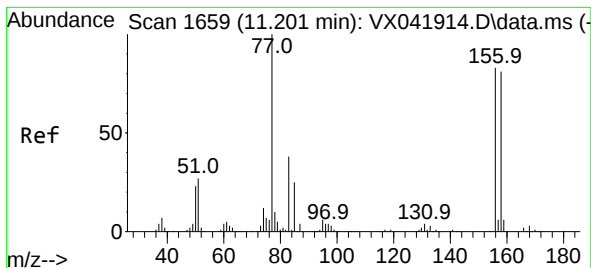
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#76
1,2,3-Trichloropropane
Concen: 158.988 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Tgt Ion: 75 Resp: 433662
Ion Ratio Lower Upper
75 100
77 40.6 19.1 57.5





#77

Bromobenzene

Concen: 145.013 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 39456

Ion Ratio Lower Upper

156 100

77 131.6 88.4 265.3

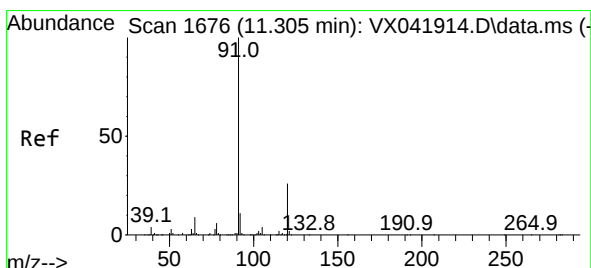
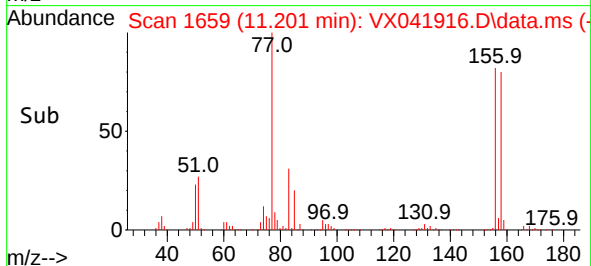
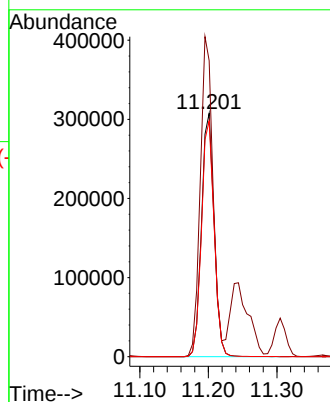
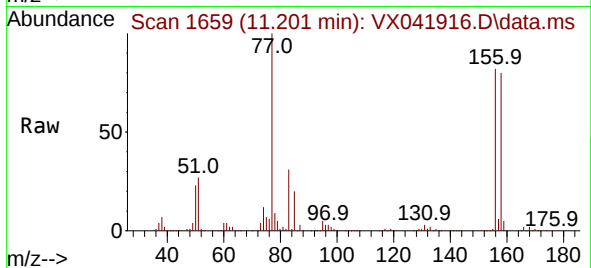
158 97.3 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#78

n-propylbenzene

Concen: 149.652 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX041916.D

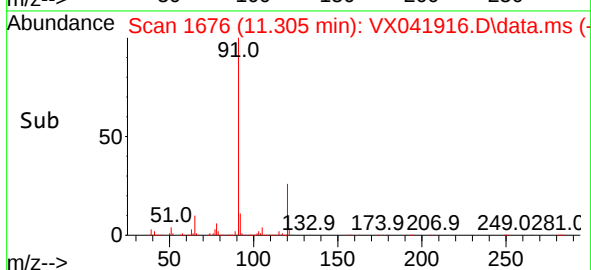
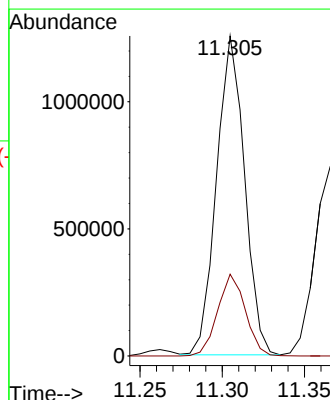
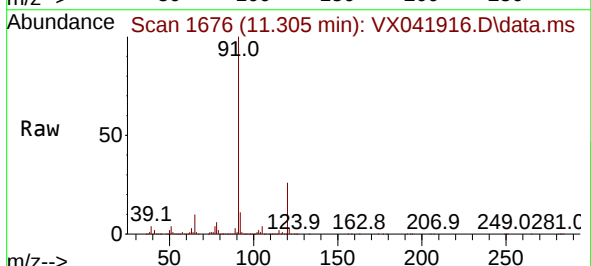
Acq: 18 Jun 2024 11:27

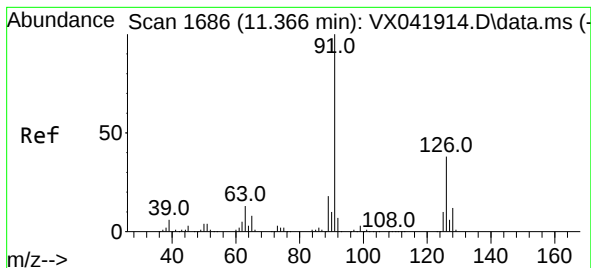
Tgt Ion: 91 Resp: 1483439

Ion Ratio Lower Upper

91 100

120 25.4 11.5 34.4





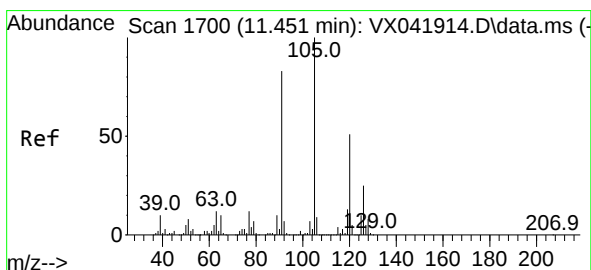
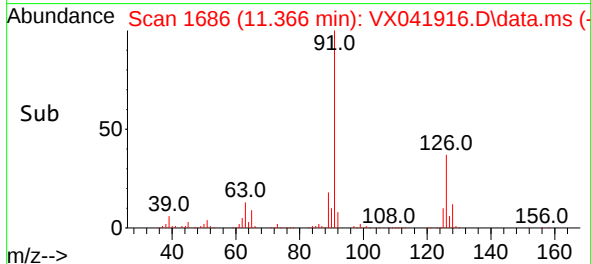
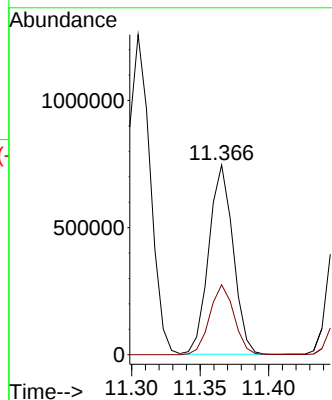
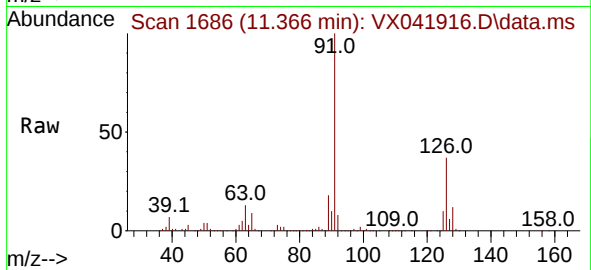
#79
2-Chlorotoluene
Concen: 143.801 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 918390
Ion Ratio Lower Upper
91 100
126 37.0 16.3 48.8

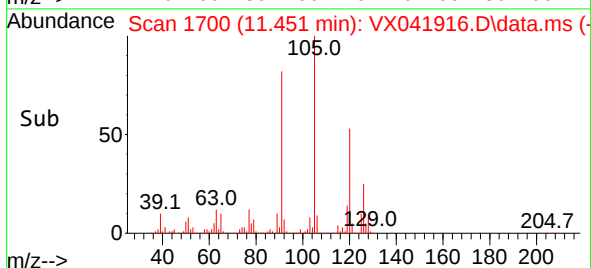
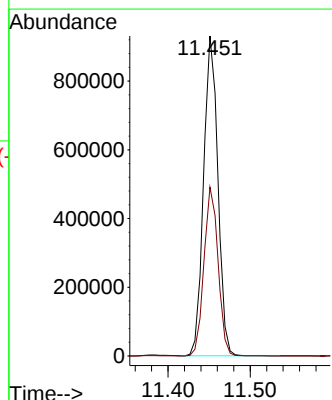
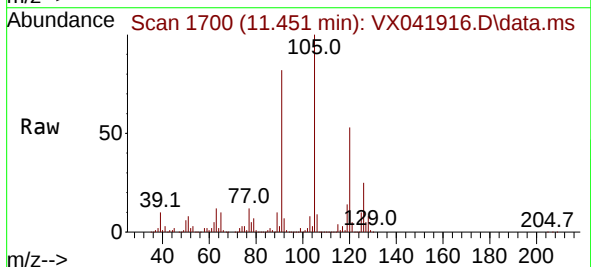
Manual Integrations
APPROVED

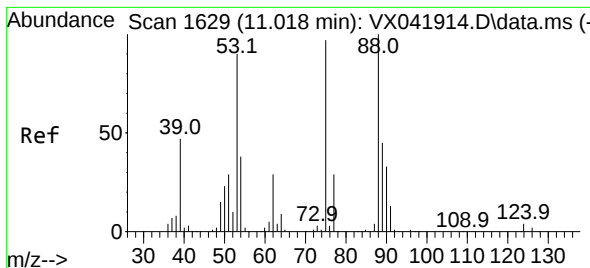
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 147.414 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Tgt Ion:105 Resp: 1121737
Ion Ratio Lower Upper
105 100
120 52.2 24.1 72.3





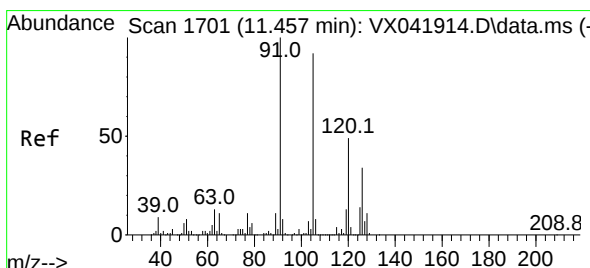
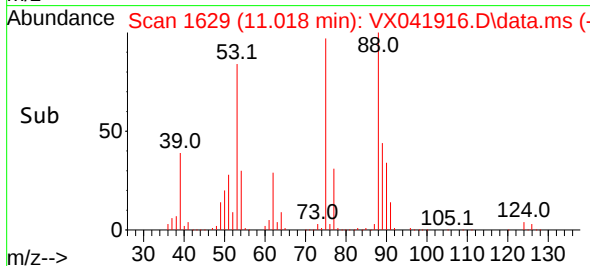
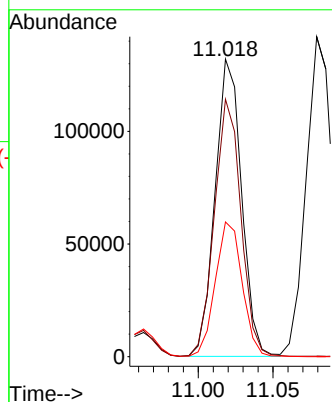
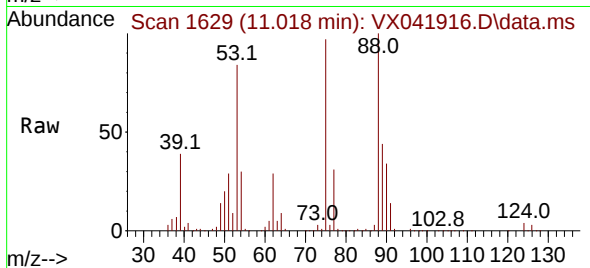
#81
trans-1,4-Dichloro-2-butene
Concen: 169.348 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 16265
Ion Ratio Lower Upper
75 100
53 87.3 90.5 135.7
89 46.1 36.9 55.3

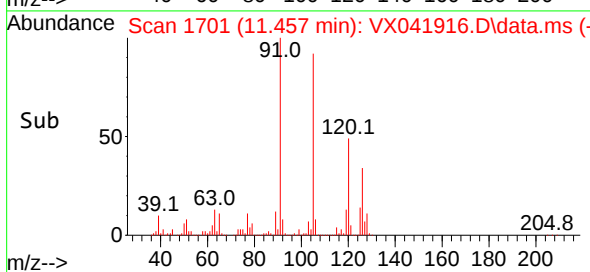
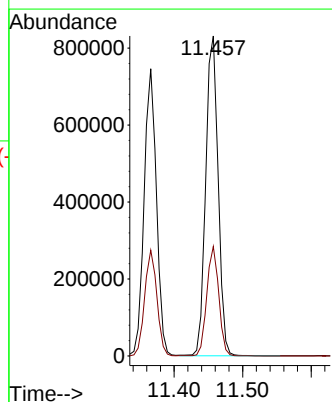
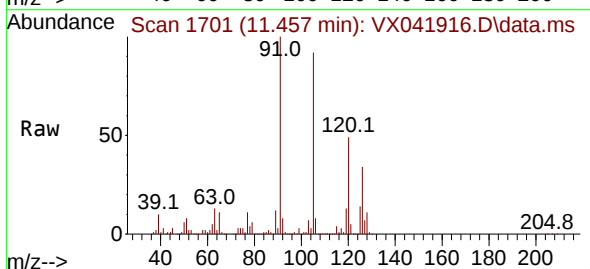
Manual Integrations
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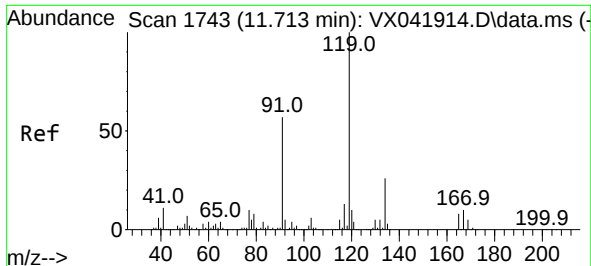
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#82
4-Chlorotoluene
Concen: 148.725 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

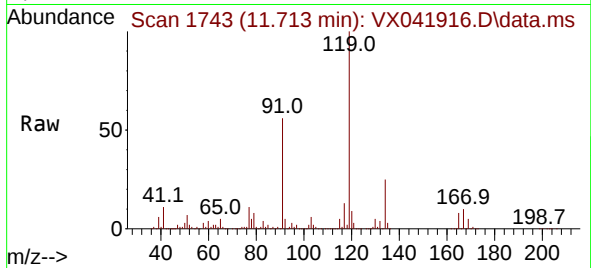
Tgt Ion: 91 Resp: 1050006
Ion Ratio Lower Upper
91 100
126 33.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 149.913 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

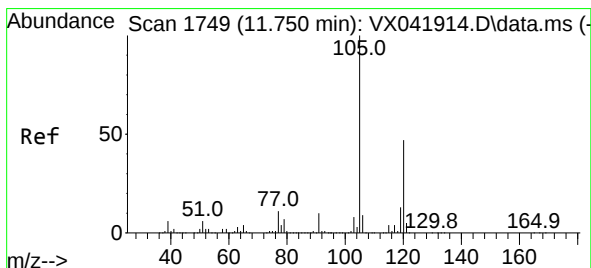
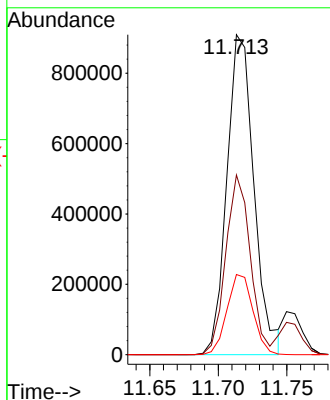
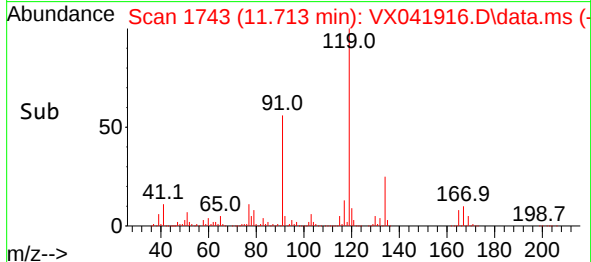
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:119 Resp: 1251709
Ion Ratio Lower Upper
119 100
91 50.8 31.2 93.6
134 24.0 11.7 35.0

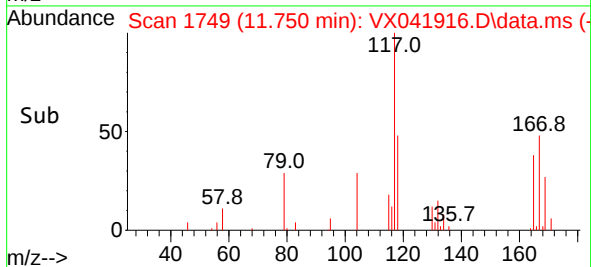
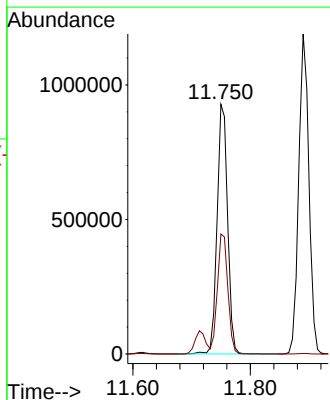
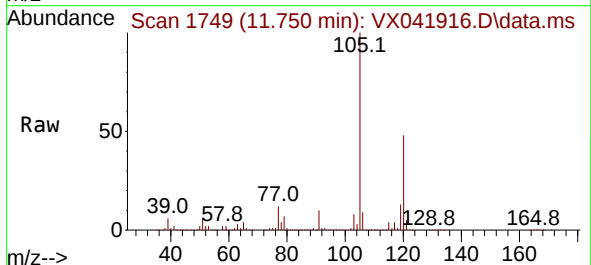
Manual Integrations
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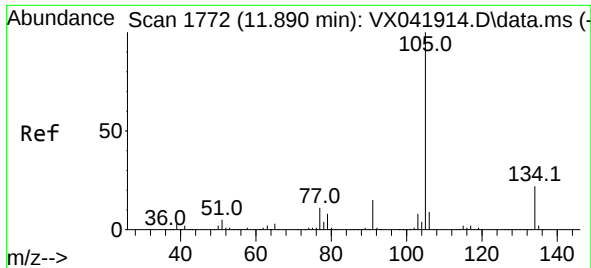
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#84
1,2,4-Trimethylbenzene
Concen: 150.162 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

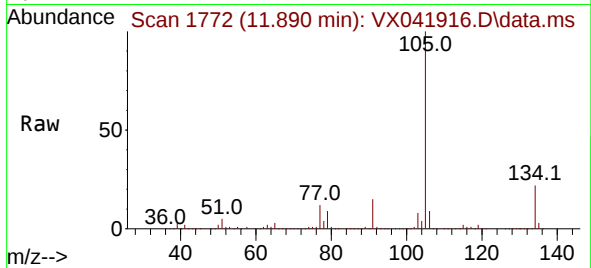
Tgt Ion:105 Resp: 1146380
Ion Ratio Lower Upper
105 100
120 47.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 151.359 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX041916.D
 Acq: 18 Jun 2024 11:27

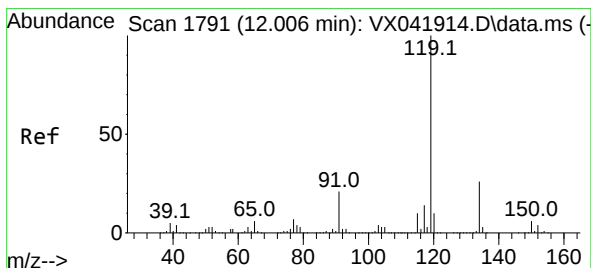
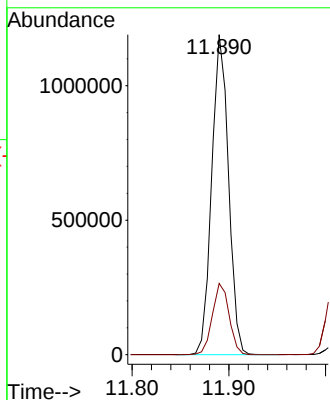
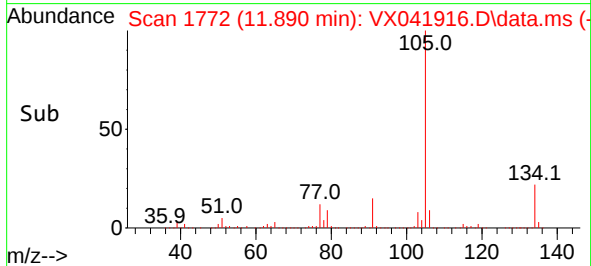
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



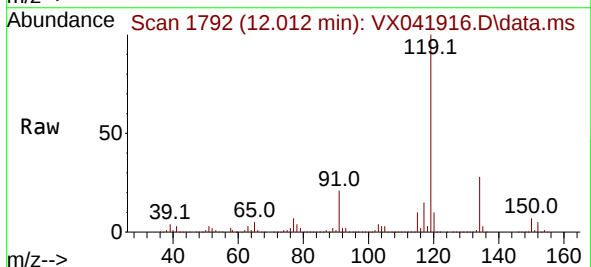
Tgt Ion:105 Resp: 1429438
 Ion Ratio Lower Upper
 105 100
 134 22.3 9.8 29.4

Manual Integrations
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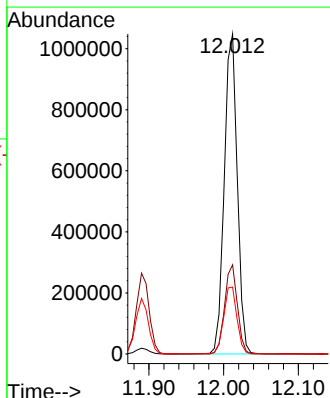
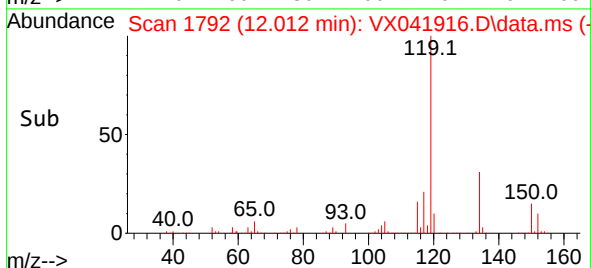
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024

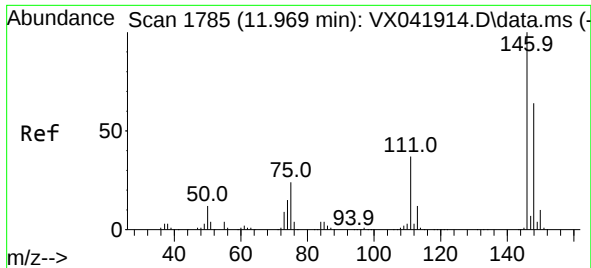


#86
 p-Isopropyltoluene
 Concen: 154.010 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX041916.D
 Acq: 18 Jun 2024 11:27



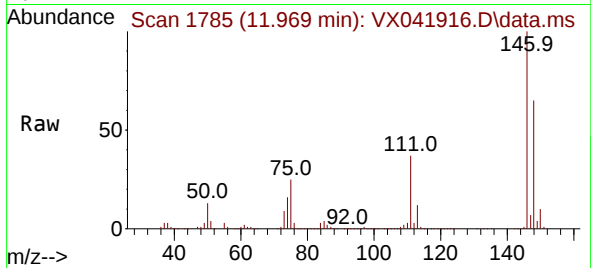
Tgt Ion:119 Resp: 1270546
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.8 38.3
 91 21.3 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 149.259 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

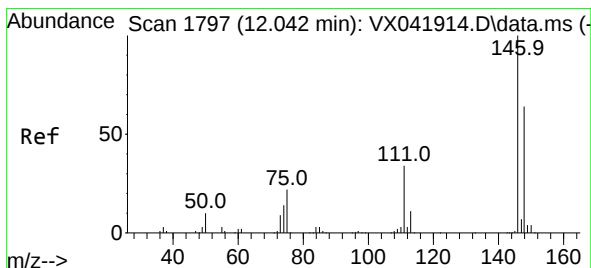
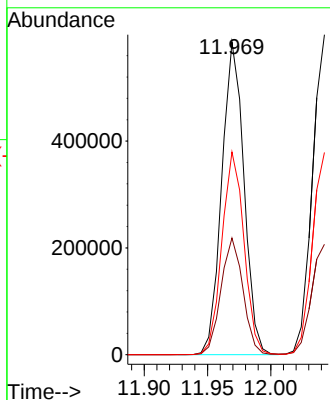
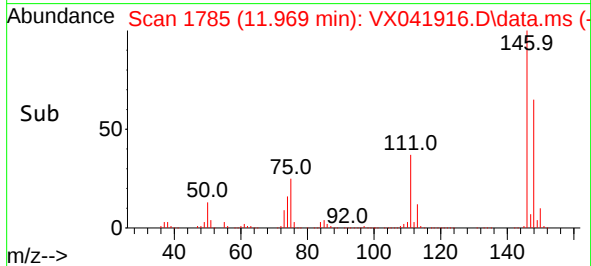
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



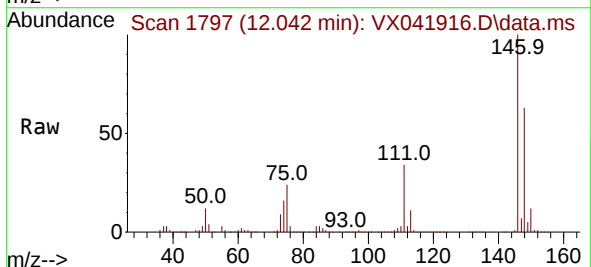
Tgt Ion:146 Resp: 713832
Ion Ratio Lower Upper
146 100
111 37.1 22.1 66.1
148 64.5 31.8 95.3

Manual Integrations
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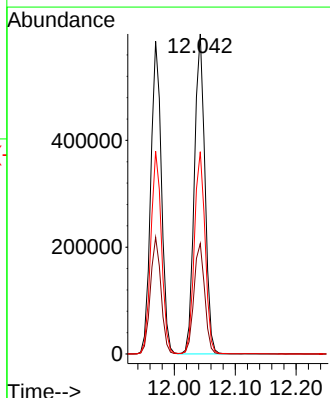
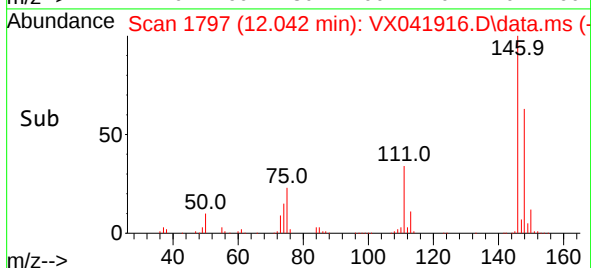
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

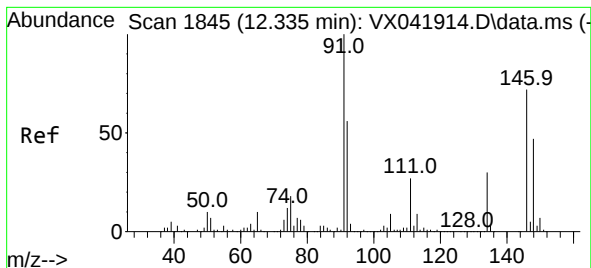


#88
1,4-Dichlorobenzene
Concen: 147.275 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27



Tgt Ion:146 Resp: 720991
Ion Ratio Lower Upper
146 100
111 35.1 21.3 63.7
148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 164.433 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 104422

Ion Ratio Lower Upper

91 100

92 55.6 27.4 82.0

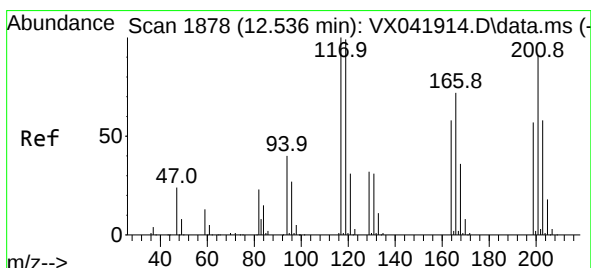
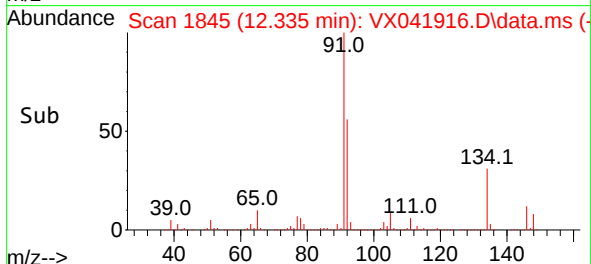
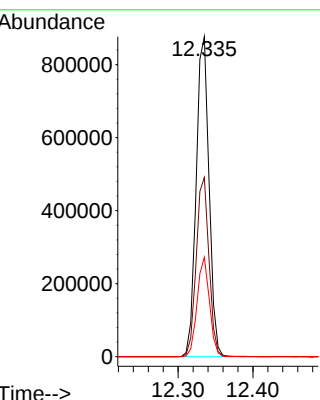
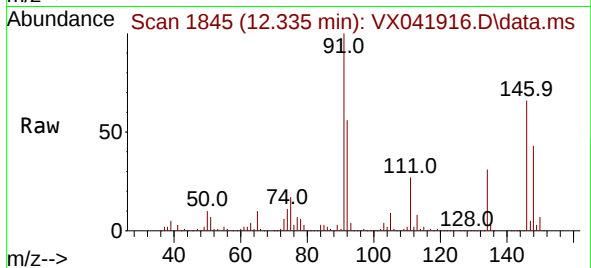
134 29.8 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#90

Hexachloroethane

Concen: 164.740 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX041916.D

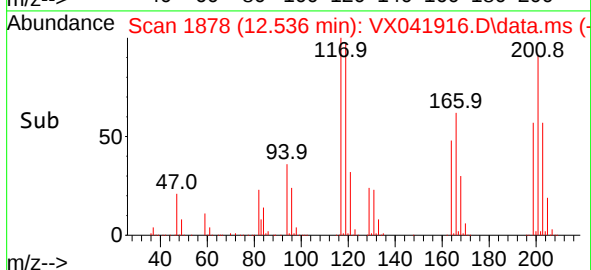
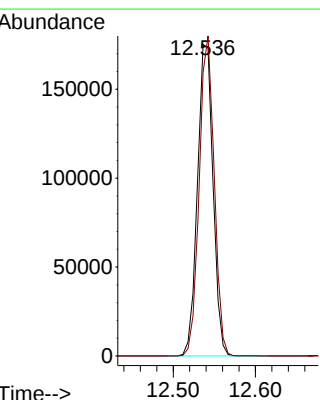
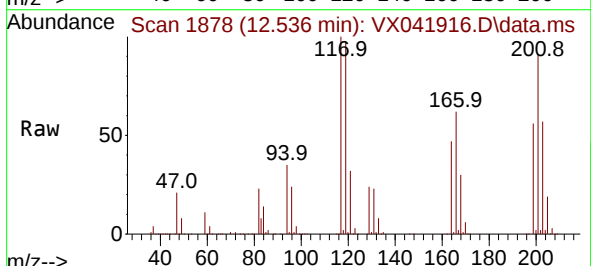
Acq: 18 Jun 2024 11:27

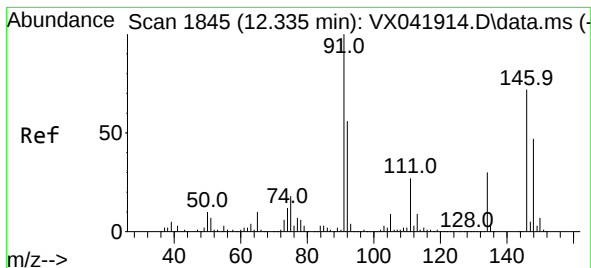
Tgt Ion:117 Resp: 231382

Ion Ratio Lower Upper

117 100

201 98.3 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 147.419 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX041916.D

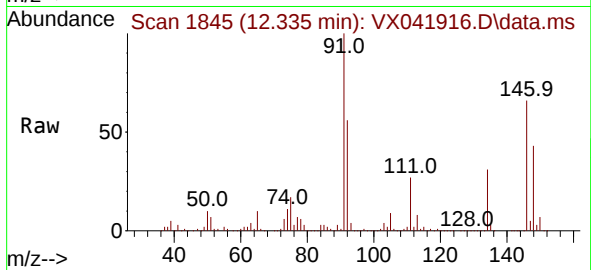
Acq: 18 Jun 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



Tgt Ion:146 Resp: 72143

Ion Ratio Lower Upper

146 100

111 38.7 22.4 67.0

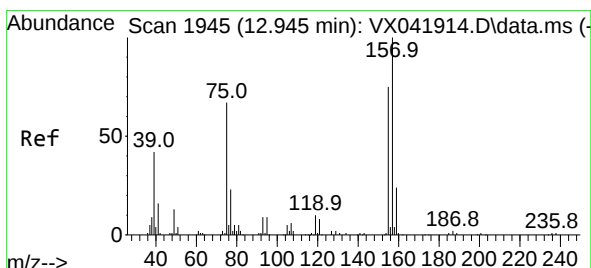
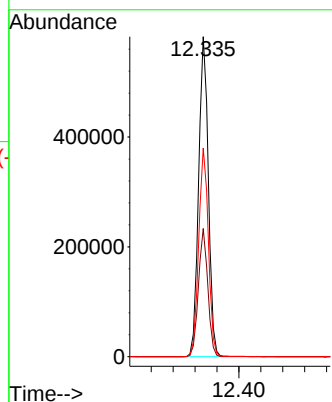
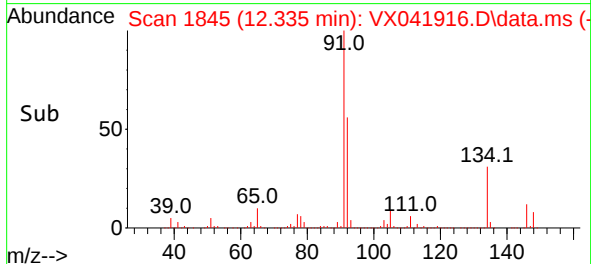
148 65.0 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 168.591 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX041916.D

Acq: 18 Jun 2024 11:27

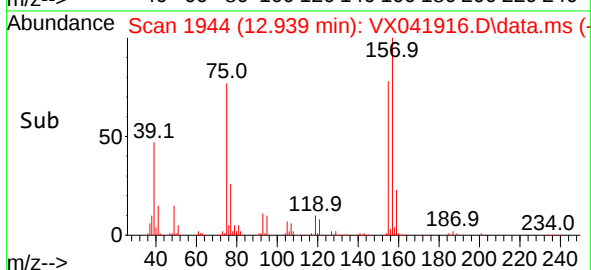
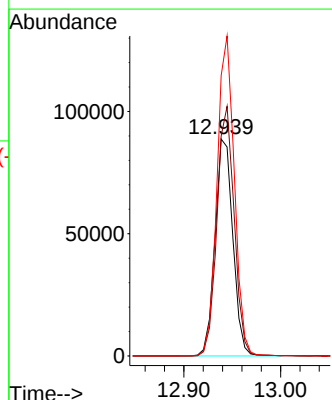
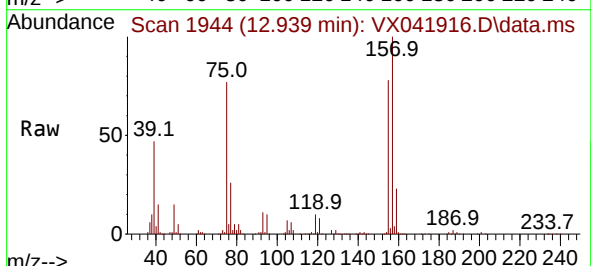
Tgt Ion: 75 Resp: 113492

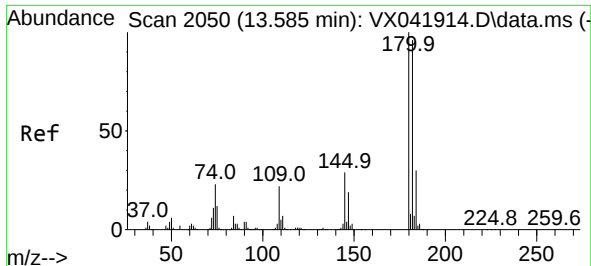
Ion Ratio Lower Upper

75 100

155 111.4 36.1 108.5#

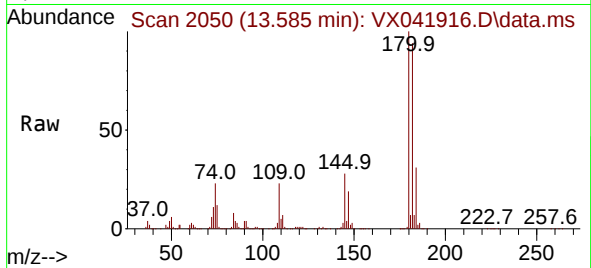
157 142.9 44.9 134.7#





#93
1,2,4-Trichlorobenzene
Concen: 167.873 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

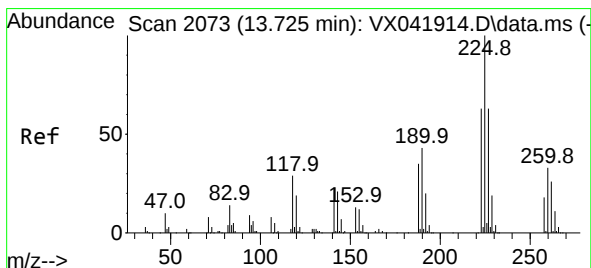
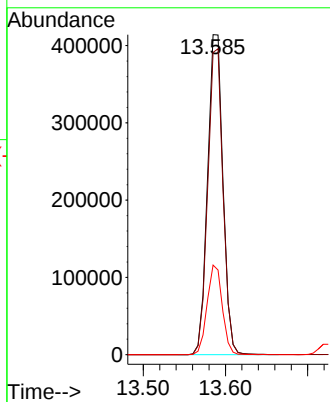
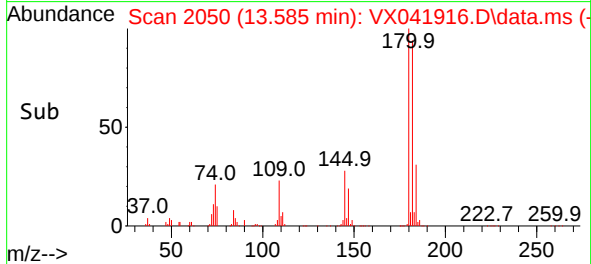
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



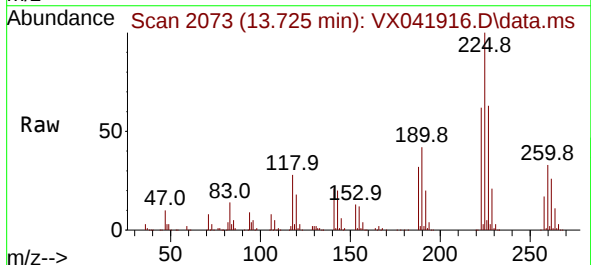
Tgt Ion:180 Resp: 53817
Ion Ratio Lower Upper
180 100
182 94.9 48.3 144.8
145 27.6 18.0 54.0

Manual Integrations
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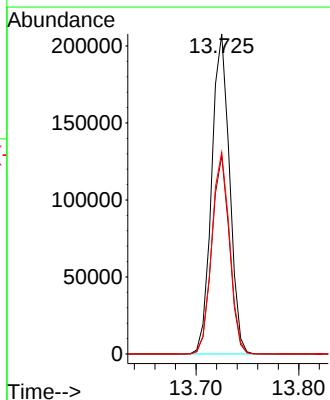
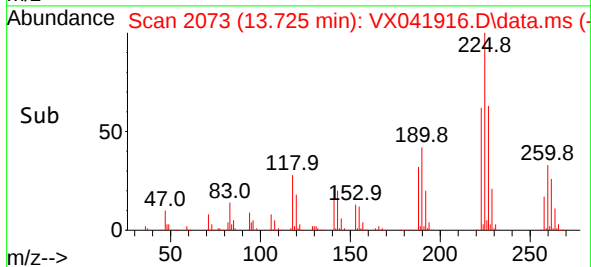
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

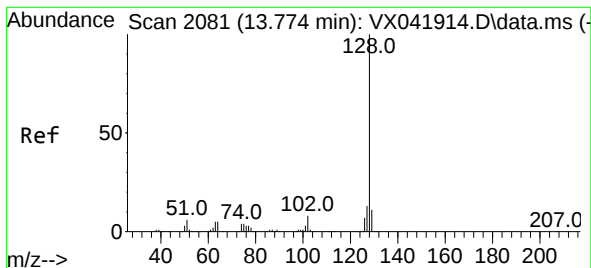


#94
Hexachlorobutadiene
Concen: 154.316 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27



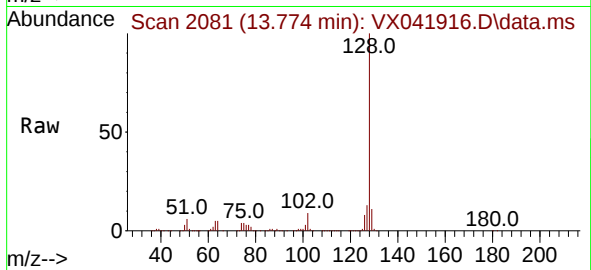
Tgt Ion:225 Resp: 250159
Ion Ratio Lower Upper
225 100
223 61.1 31.1 93.2
227 62.9 32.5 97.5





#95
Naphthalene
Concen: 150.809 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

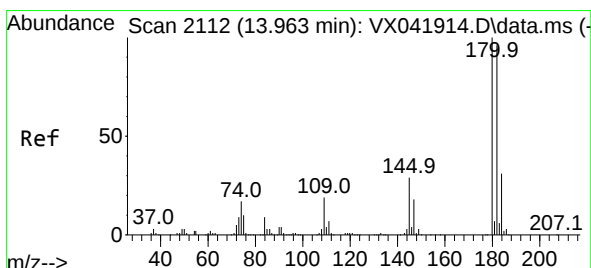
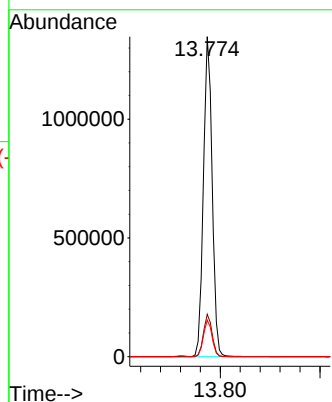
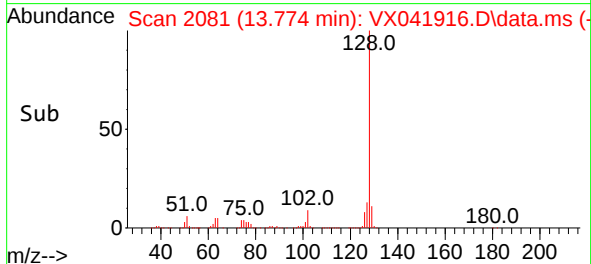
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 1641044
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.3 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#96
1,2,3-Trichlorobenzene
Concen: 161.382 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX041916.D
Acq: 18 Jun 2024 11:27

Tgt Ion:180 Resp: 545646
Ion Ratio Lower Upper
180 100
182 95.1 46.9 140.6
145 29.5 17.8 53.5

