

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052924\
 Data File : VX041667.D
 Acq On : 29 May 2024 11:29
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: May 30 07:28:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:15:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2024
 Supervised By : Semsettin Yesilyurt 05/30/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	185842	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	266913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	323596	141.972	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 283.940%#			
35) Dibromofluoromethane	5.385	113	270019	146.318	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 292.640%#			
50) Toluene-d8	8.647	98	953804	147.919	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 295.840%#			
62) 4-Bromofluorobenzene	11.079	95	366383	153.950	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 307.900%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	242799	148.687	ug/l	98
3) Chloromethane	1.301	50	252287	141.600	ug/l	98
4) Vinyl Chloride	1.374	62	263836	143.848	ug/l	100
5) Bromomethane	1.599	94	190701	149.293	ug/l	99
6) Chloroethane	1.666	64	135063	121.834	ug/l	99
7) Trichlorofluoromethane	1.868	101	451027	150.586	ug/l	99
8) Diethyl Ether	2.136	74	165216	143.126	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	249507	147.016	ug/l	89
10) Methyl Iodide	2.441	142	292286	138.111	ug/l	91
11) Tert butyl alcohol	3.020	59	331651	822.534	ug/l	# 94
12) 1,1-Dichloroethene	2.306	96	248217	149.835	ug/l	89
13) Acrolein	2.239	56	275803	734.477	ug/l	98
14) Allyl chloride	2.660	41	404534	148.435	ug/l	98
15) Acrylonitrile	3.075	53	735151	743.454	ug/l	99
16) Acetone	2.398	43	687578	747.181	ug/l	95
17) Carbon Disulfide	2.502	76	618598	168.799	ug/l	99
18) Methyl Acetate	2.709	43	312391	143.538	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	836982	151.010	ug/l	100
20) Methylene Chloride	2.788	84	272384	133.539	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	258961	150.665	ug/l	89
22) Diisopropyl ether	3.770	45	833854	149.714	ug/l	# 82
23) Vinyl Acetate	3.727	43	3919987	783.418	ug/l	95
24) 1,1-Dichloroethane	3.605	63	469717	149.144	ug/l	97
25) 2-Butanone	4.568	43	1047188	739.226	ug/l	96
26) 2,2-Dichloropropane	4.471	77	405000	156.737	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	313373	152.522	ug/l	91
28) Bromochloromethane	4.897	49	195659	144.243	ug/l	# 79
29) Tetrahydrofuran	5.013	42	666689	746.251	ug/l	96
30) Chloroform	5.093	83	492420	148.919	ug/l	98
31) Cyclohexane	5.464	56	396889	147.488	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	449539	155.138	ug/l	97
36) 1,1-Dichloropropene	5.690	75	336212	150.462	ug/l	96
37) Ethyl Acetate	4.721	43	413249	146.542	ug/l	99
38) Carbon Tetrachloride	5.672	117	398478	156.960	ug/l	98
39) Methylcyclohexane	7.379	83	430060	156.657	ug/l	93
40) Benzene	6.037	78	1037698	148.573	ug/l	100

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 VSTDICC150

Quant Time: May 30 07:28:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:15:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	223584	162.116	ug/l	96
42) 1,2-Dichloroethane	6.086	62	384560	147.490	ug/l	96
43) Isopropyl Acetate	6.348	43	662347	155.567	ug/l	98
44) Trichloroethene	7.123	130	292358	153.908	ug/l	90
45) 1,2-Dichloropropane	7.428	63	255392	153.791	ug/l	99
46) Dibromomethane	7.580	93	197243	154.857	ug/l #	80
47) Bromodichloromethane	7.824	83	387003	164.094	ug/l	96
48) Methyl methacrylate	7.696	41	328019	160.428	ug/l	95
49) 1,4-Dioxane	7.671	88	140865	3153.149	ug/l #	86
51) 4-Methyl-2-Pentanone	8.580	43	2056431	744.844	ug/l	97
52) Toluene	8.720	92	679377	153.270	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	411049	177.064	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	431893	168.174	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	270329	151.293	ug/l	98
56) Ethyl methacrylate	9.116	69	456923	167.539	ug/l	98
57) 1,3-Dichloropropane	9.305	76	438360	147.772	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1016051	791.334	ug/l	93
59) 2-Hexanone	9.433	43	1600445	760.340	ug/l	96
60) Dibromochloromethane	9.519	129	336207	169.619	ug/l	100
61) 1,2-Dibromoethane	9.610	107	289618	153.576	ug/l	99
64) Tetrachloroethene	9.275	164	273182	147.541	ug/l	91
65) Chlorobenzene	10.079	112	782527	147.594	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	290748	158.037	ug/l	98
67) Ethyl Benzene	10.195	91	1292389	152.956	ug/l	96
68) m/p-Xylenes	10.299	106	1043631	310.478	ug/l	91
69) o-Xylene	10.640	106	516335	154.410	ug/l	93
70) Styrene	10.653	104	891171	161.353	ug/l	96
71) Bromoform	10.799	173	283287	176.810	ug/l #	98
73) Isopropylbenzene	10.963	105	1306064	149.219	ug/l	96
74) N-amyl acetate	10.842	43	626597	161.610	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	435566	140.225	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	348760m	139.083	ug/l	
77) Bromobenzene	11.195	156	380368	147.226	ug/l	80
78) n-propylbenzene	11.305	91	1464696	152.397	ug/l	96
79) 2-Chlorotoluene	11.366	91	893095	144.574	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	1108615	151.701	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	152891	169.257	ug/l	90
82) 4-Chlorotoluene	11.451	91	1053508	149.906	ug/l	92
83) tert-Butylbenzene	11.713	119	1210934	153.829	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	1115256	150.625	ug/l	93
85) sec-Butylbenzene	11.890	105	1385760	153.550	ug/l	94
86) p-Isopropyltoluene	12.006	119	1244738	157.262	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	687815	149.069	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	699333	147.034	ug/l	95
89) n-Butylbenzene	12.329	91	1044912	166.762	ug/l	97
90) Hexachloroethane	12.536	117	224485	166.752	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	696823	148.265	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	105183	167.618	ug/l	60
93) 1,2,4-Trichlorobenzene	13.585	180	519903	167.847	ug/l	95
94) Hexachlorobutadiene	13.725	225	234327	152.696	ug/l	99
95) Naphthalene	13.774	128	1516660	165.927	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	524753	164.611	ug/l	95

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

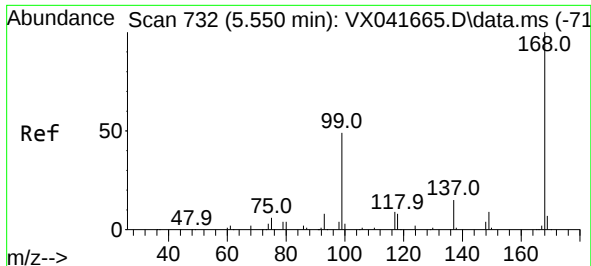
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

Quant Time: May 30 07:28:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:15:30 2024
Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

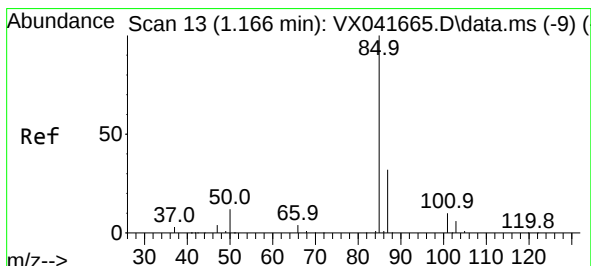
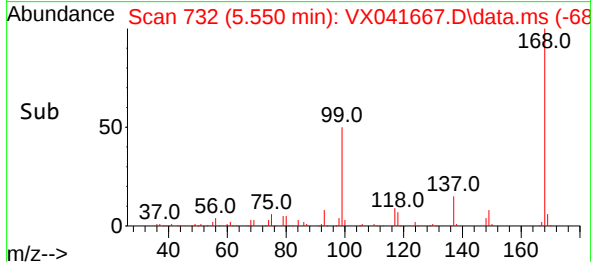
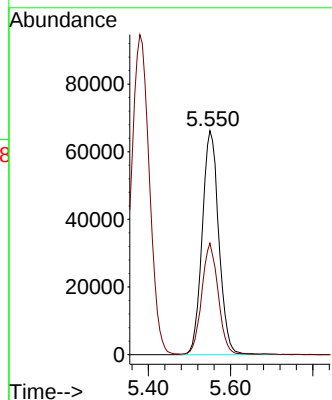
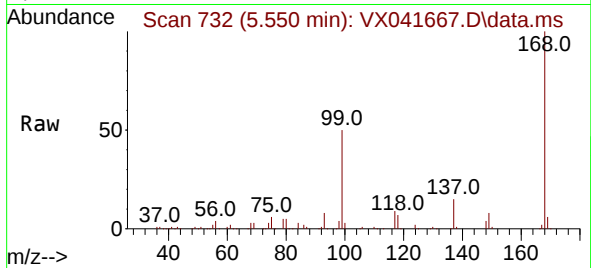
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Tgt Ion:168 Resp: 18584
Ion Ratio Lower Upper
168 100
99 49.7 56.6 85.0

Manual Integrations

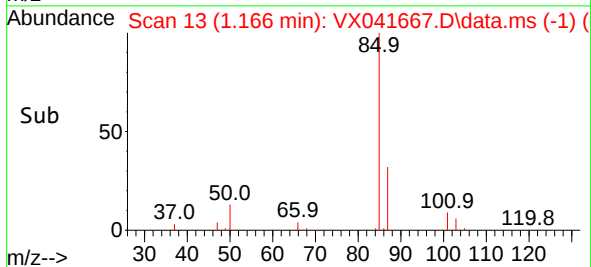
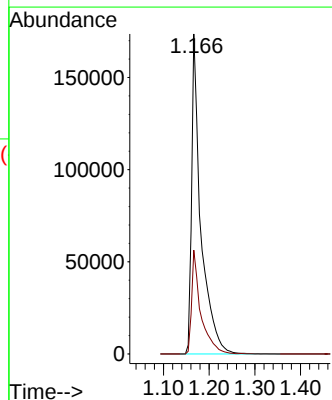
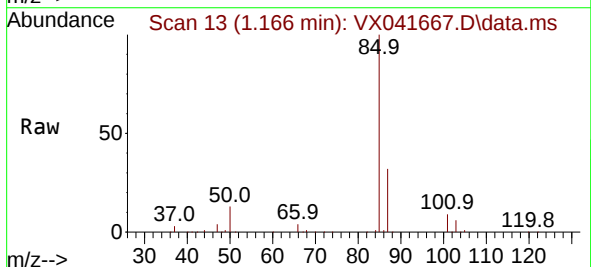
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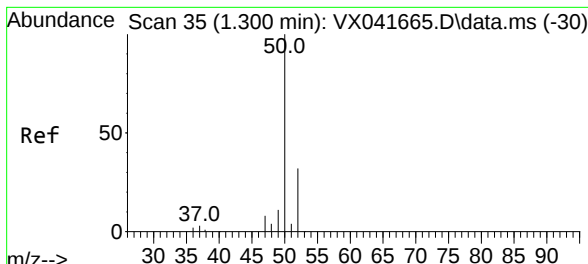
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#2
Dichlorodifluoromethane
Concen: 148.687 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Tgt Ion: 85 Resp: 242799
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





#3
Chloromethane
Concen: 141.600 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

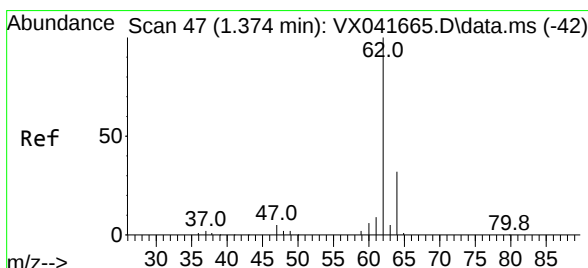
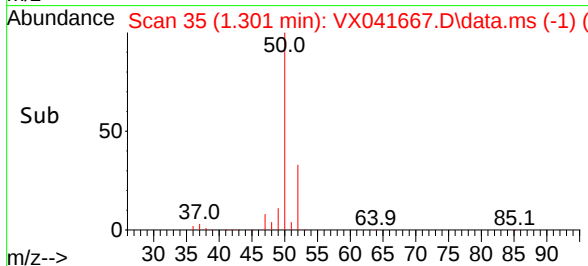
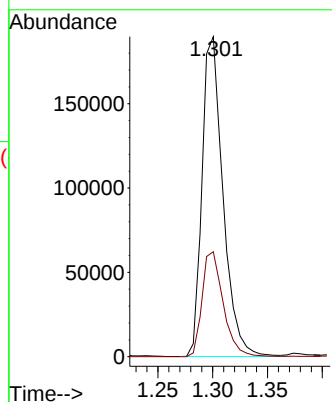
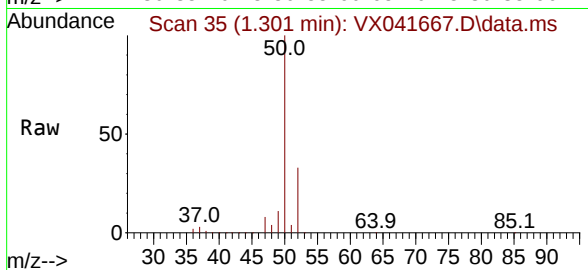
VSTDICC150

Tgt Ion: 50 Resp: 25228
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

Manual Integrations

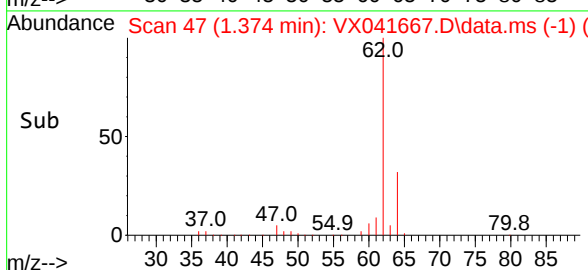
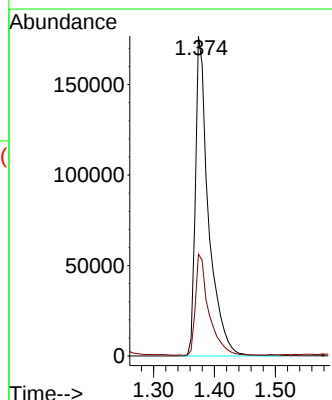
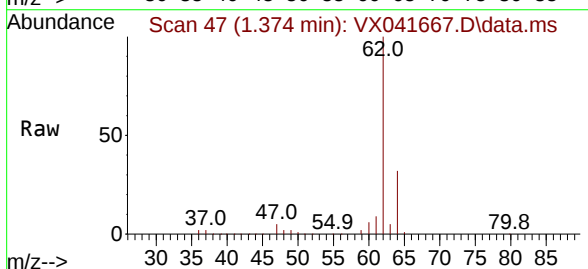
APPROVED

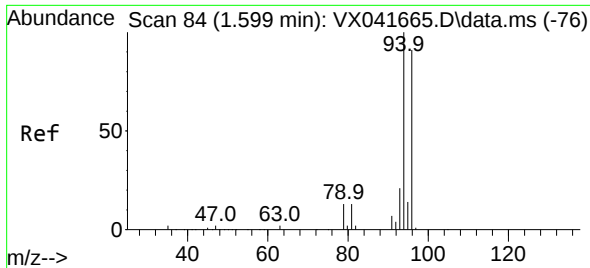
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#4
Vinyl Chloride
Concen: 143.848 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Tgt Ion: 62 Resp: 263836
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





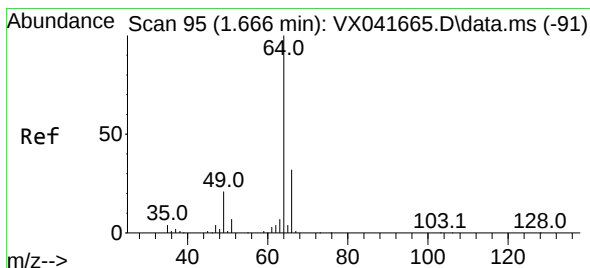
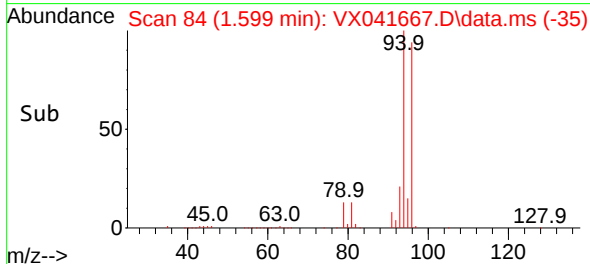
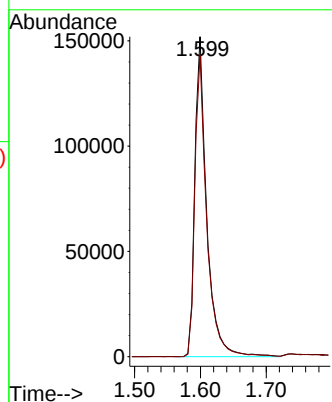
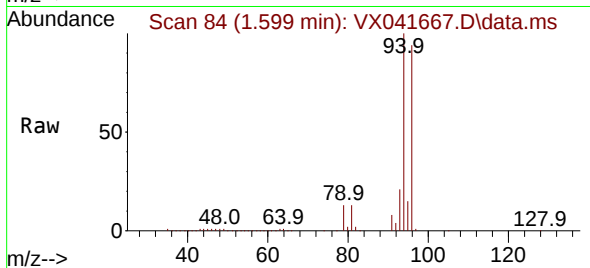
#5
Bromomethane
Concen: 149.293 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 19070
Ion Ratio Lower Upper
94 100
96 94.2 74.6 111.8

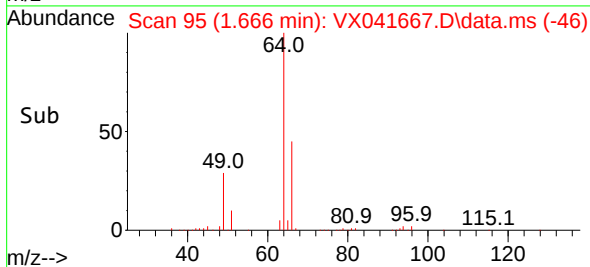
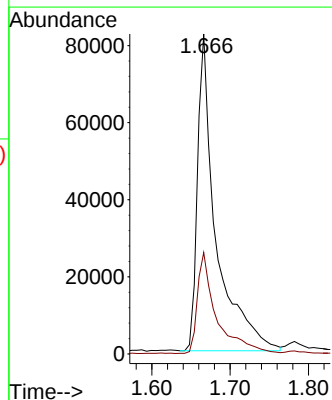
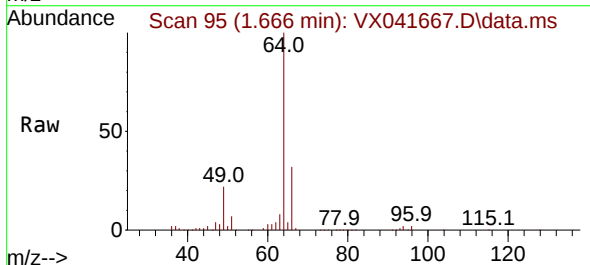
Manual Integrations
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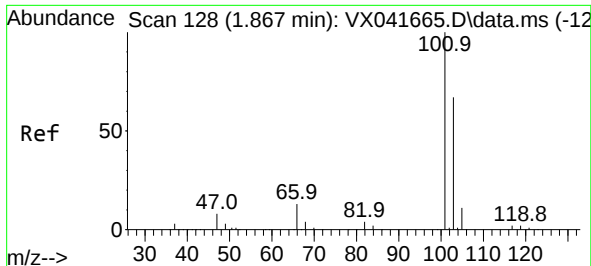
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#6
Chloroethane
Concen: 121.834 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

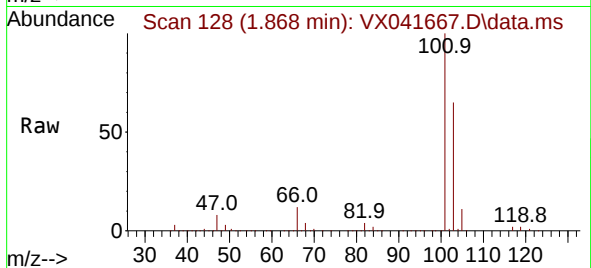
Tgt Ion: 64 Resp: 135063
Ion Ratio Lower Upper
64 100
66 31.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 150.586 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

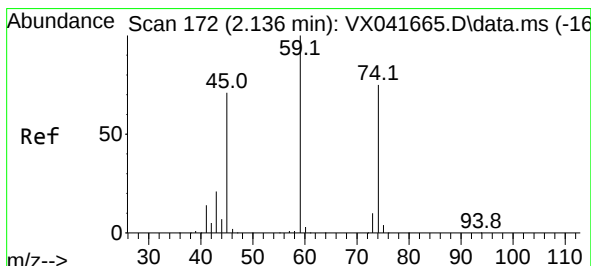
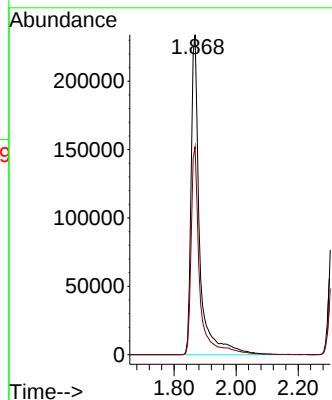
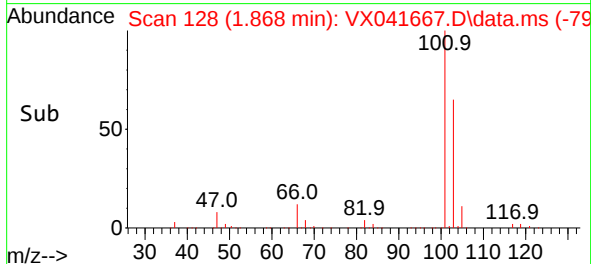
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 45102
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

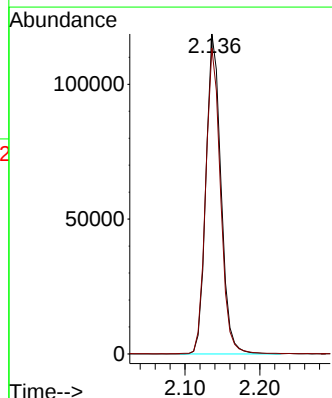
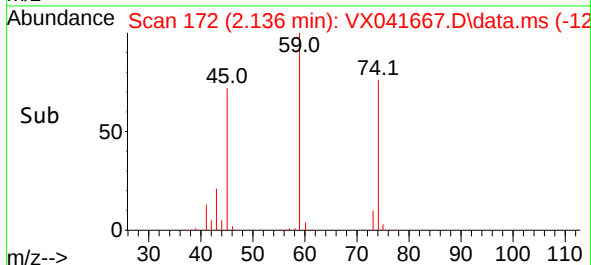
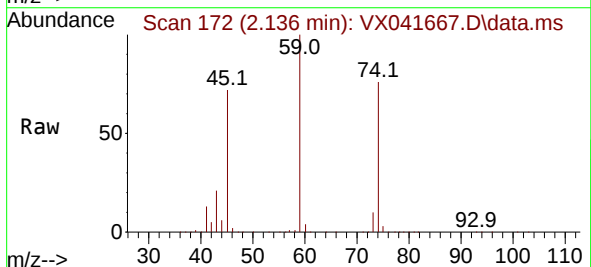
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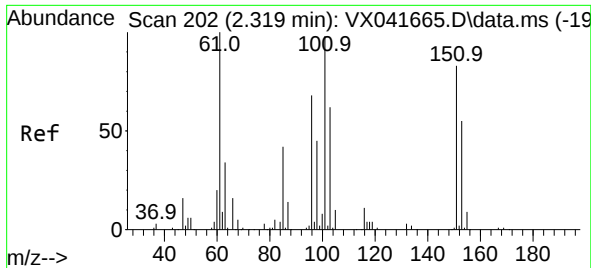
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#8
Diethyl Ether
Concen: 143.126 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Tgt Ion: 74 Resp: 165216
Ion Ratio Lower Upper
74 100
45 94.9 53.3 159.8





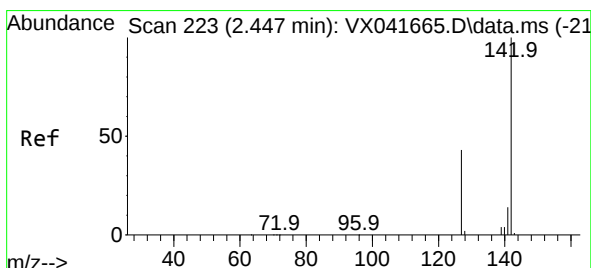
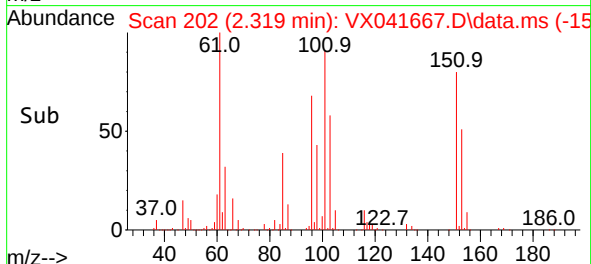
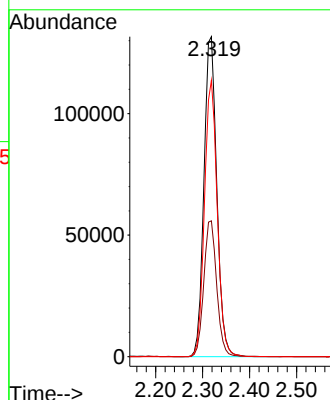
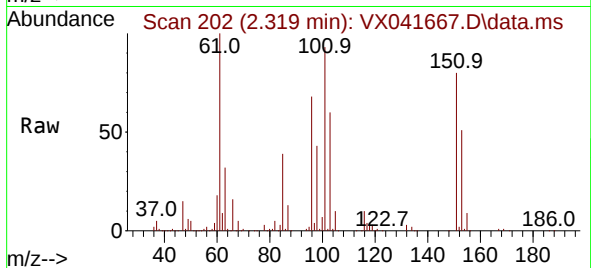
#9
1,1,2-Trichlorotrifluoroethane
Concen: 147.016 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 24950
Ion Ratio Lower Upper
101 100
85 42.7 37.0 55.6
151 85.9 58.6 87.8

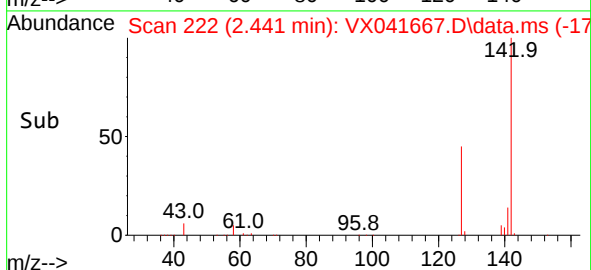
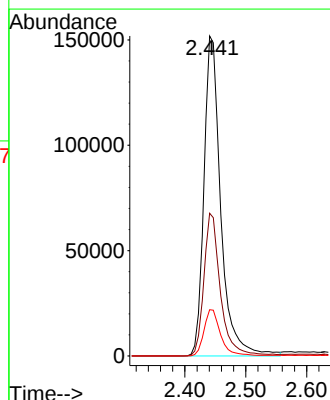
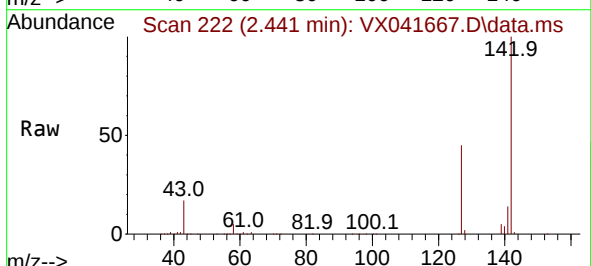
Manual Integrations
APPROVED

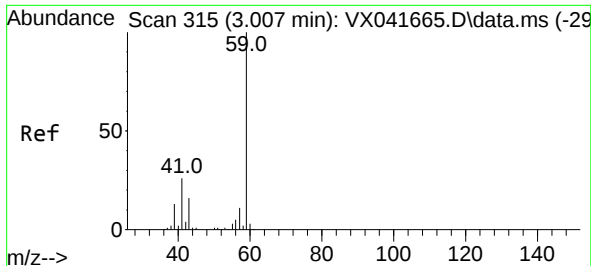
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#10
Methyl Iodide
Concen: 138.111 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Tgt Ion:142 Resp: 292286
Ion Ratio Lower Upper
142 100
127 43.7 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 822.534 ug/l

RT: 3.020 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 59 Resp: 33165

Ion Ratio Lower Upper

59 100

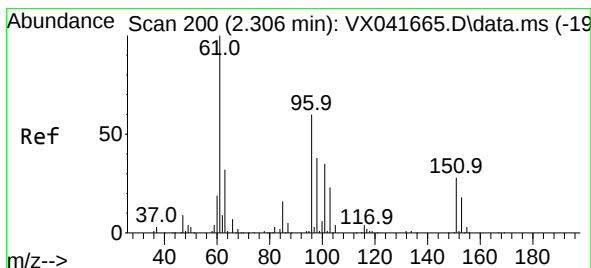
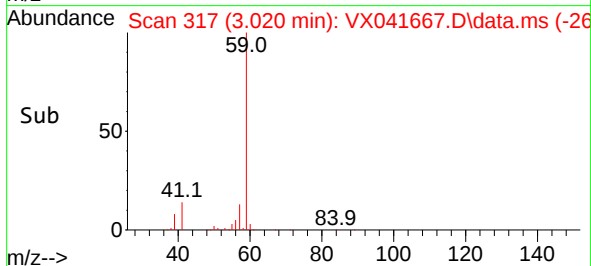
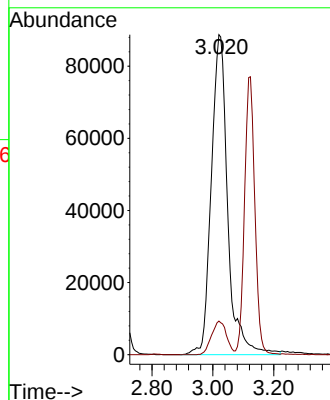
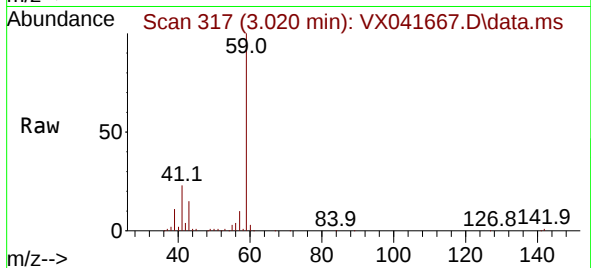
57 9.6 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#12

1,1-Dichloroethene

Concen: 149.835 ug/l

RT: 2.306 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

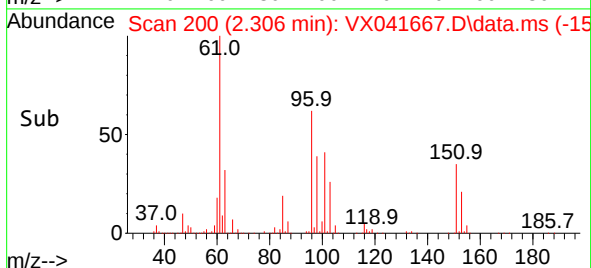
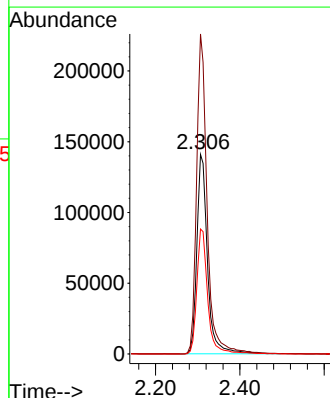
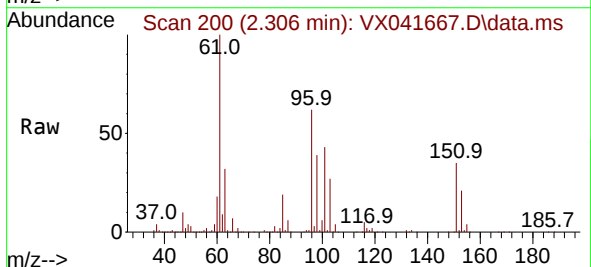
Tgt Ion: 96 Resp: 248217

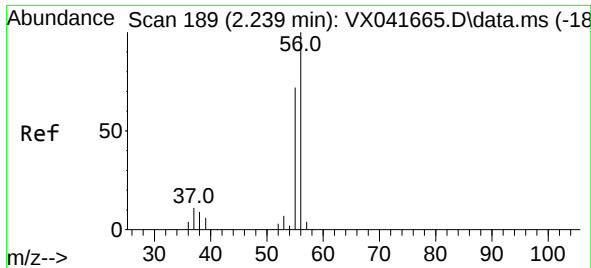
Ion Ratio Lower Upper

96 100

61 160.5 144.6 216.8

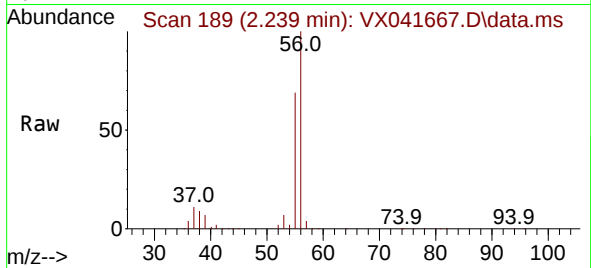
98 62.7 50.4 75.6





#13
Acrolein
Concen: 734.477 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

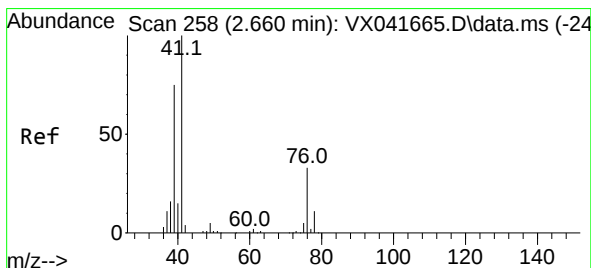
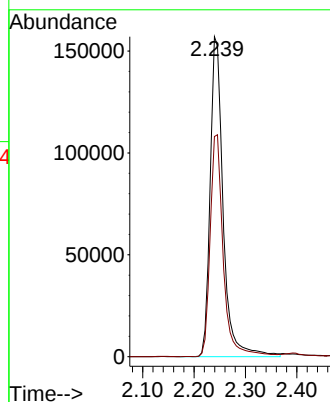
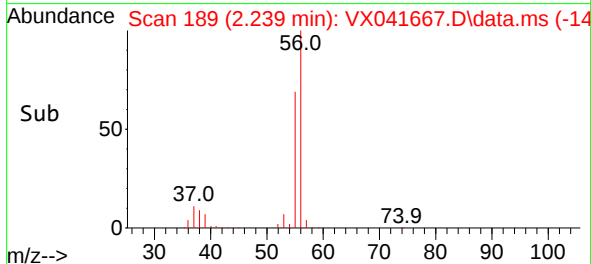
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 27580
Ion Ratio Lower Upper
56 100
55 70.0 57.1 85.7

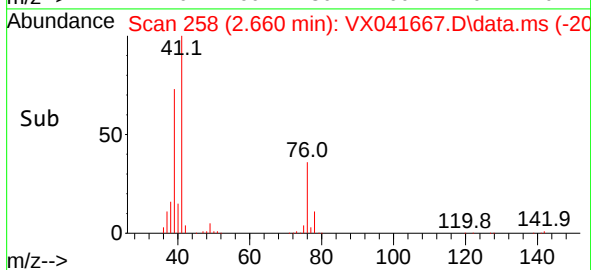
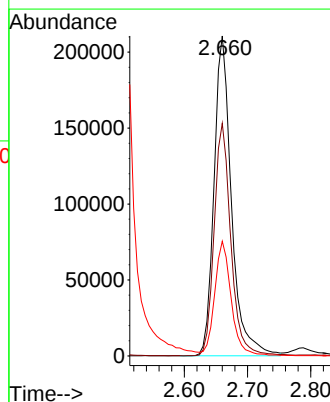
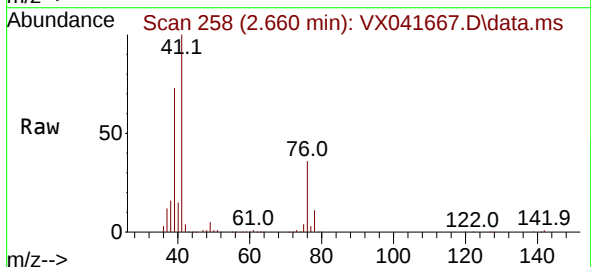
Manual Integrations
APPROVED

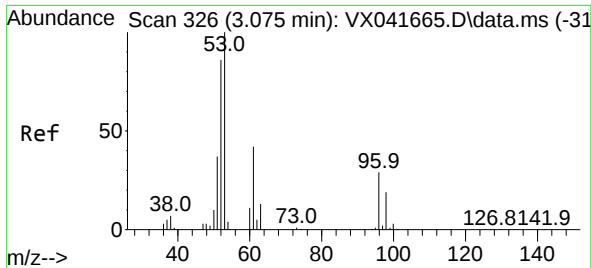
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#14
Allyl chloride
Concen: 148.435 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

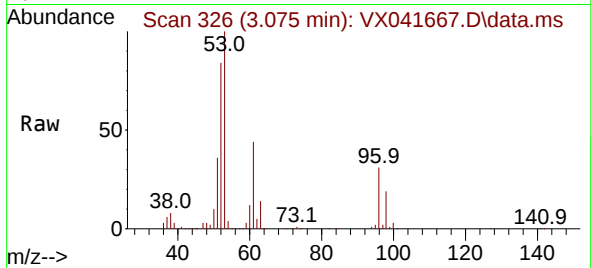
Tgt Ion: 41 Resp: 404534
Ion Ratio Lower Upper
41 100
39 69.5 55.8 83.6
76 34.2 24.3 36.5





#15
Acrylonitrile
Concen: 743.454 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

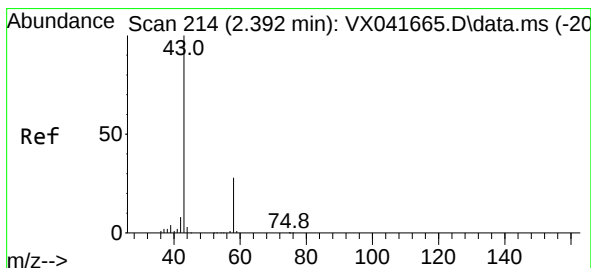
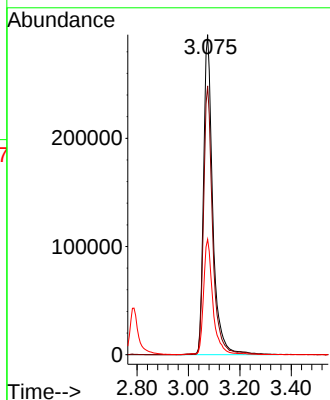
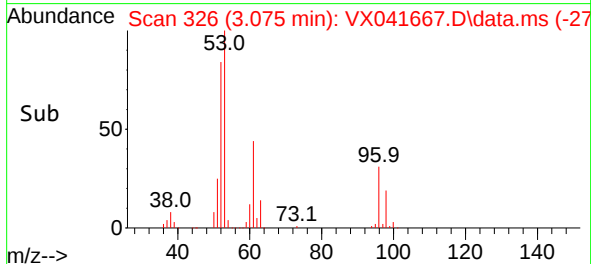
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



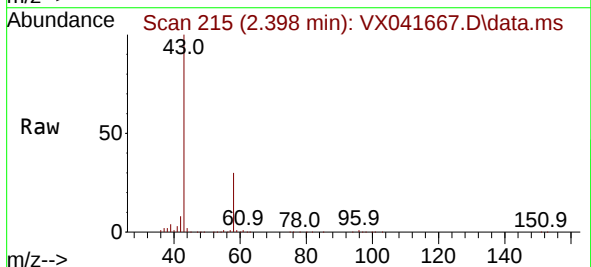
Tgt Ion: 53 Resp: 73515
Ion Ratio Lower Upper
53 100
52 81.2 66.0 99.0
51 36.5 29.8 44.6

Manual Integrations
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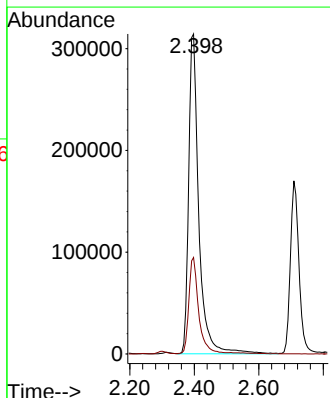
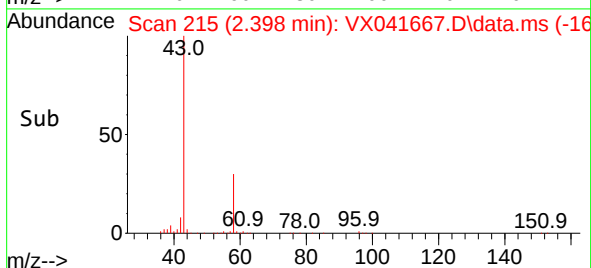
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

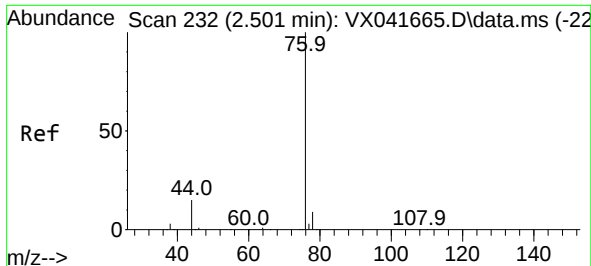


#16
Acetone
Concen: 747.181 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29



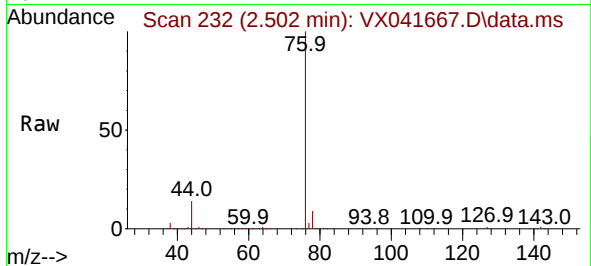
Tgt Ion: 43 Resp: 687578
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9





#17
Carbon Disulfide
Concen: 168.799 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

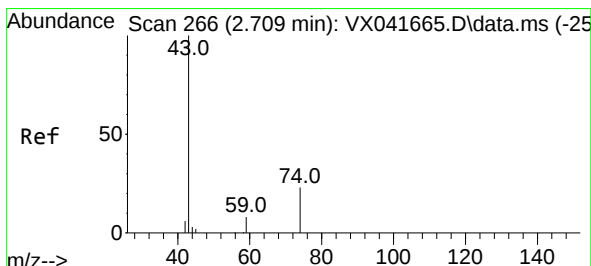
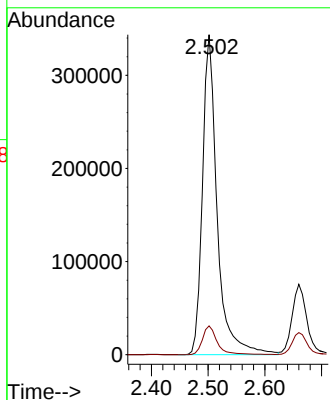
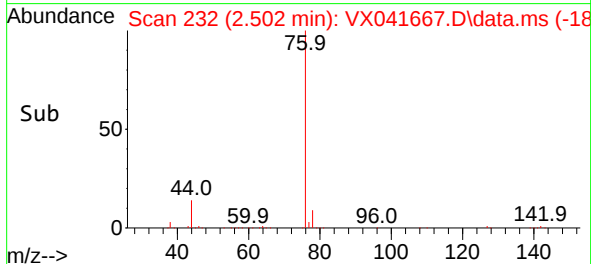
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 618598
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

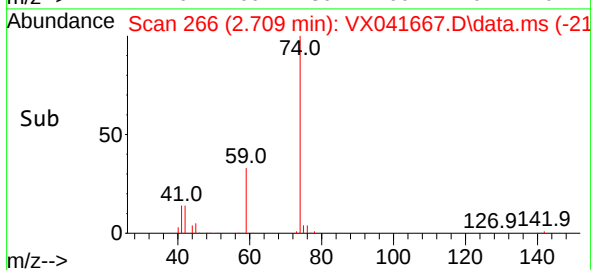
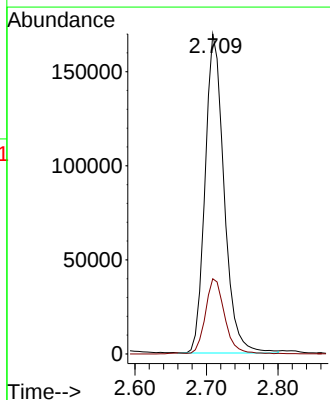
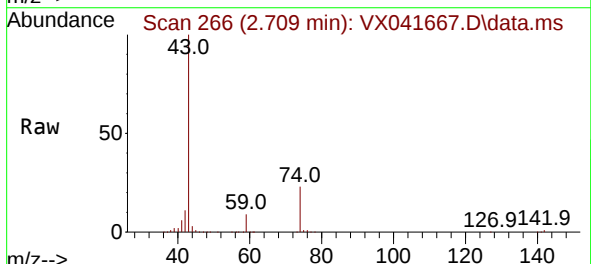
Manual Integrations
APPROVED

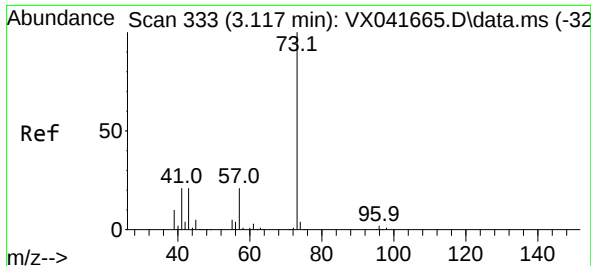
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#18
Methyl Acetate
Concen: 143.538 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Tgt Ion: 43 Resp: 312391
Ion Ratio Lower Upper
43 100
74 23.9 17.8 26.8





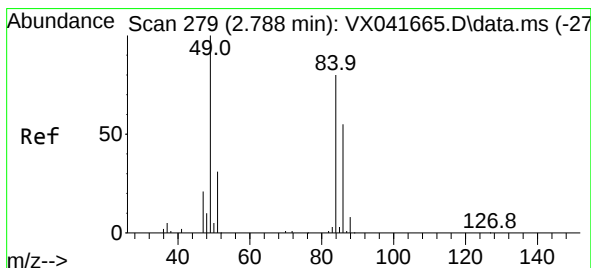
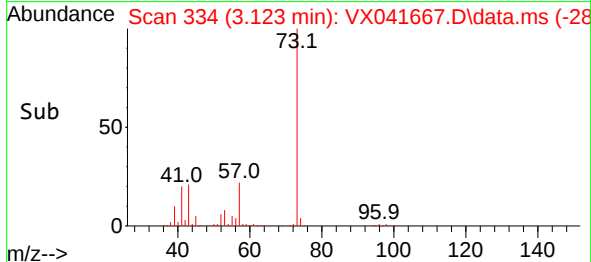
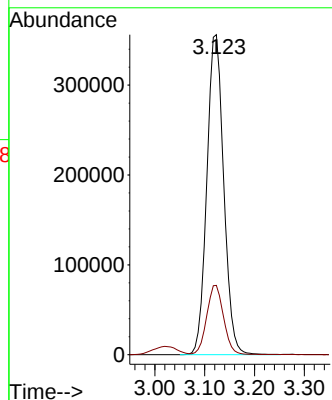
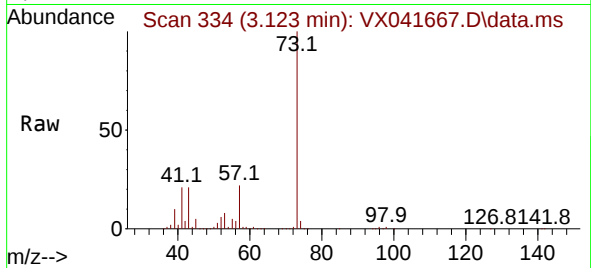
#19
Methyl tert-butyl Ether
Concen: 151.010 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 83698
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

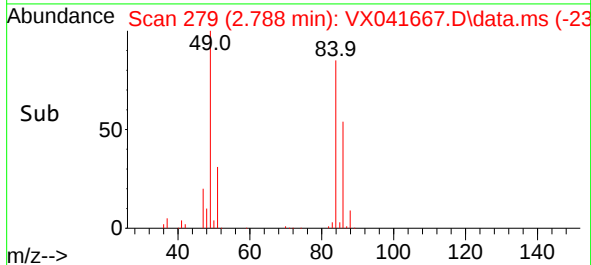
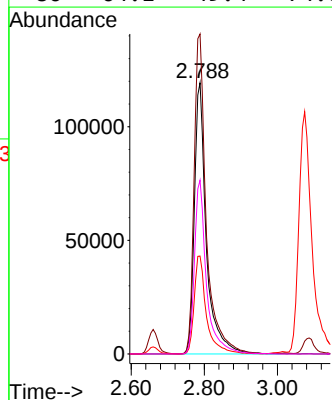
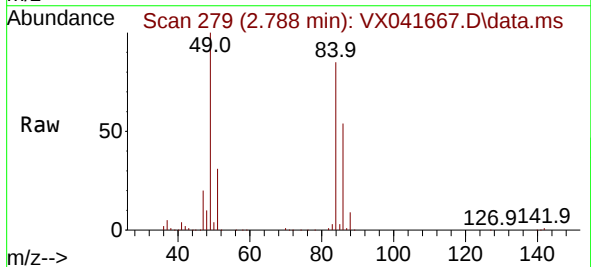
Manual Integrations
APPROVED

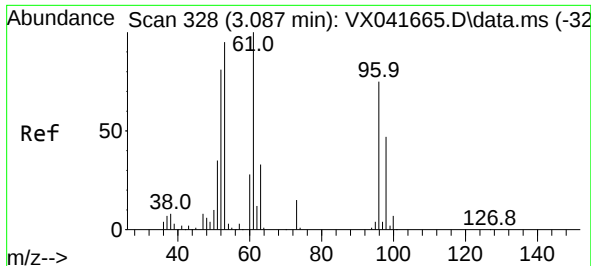
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#20
Methylene Chloride
Concen: 133.539 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

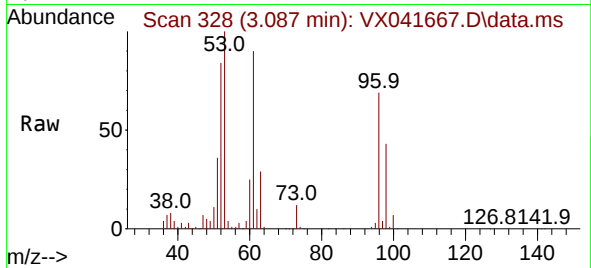
Tgt Ion: 84 Resp: 272384
Ion Ratio Lower Upper
84 100
49 117.9 103.6 155.4
51 36.1 33.8 50.6
86 64.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 150.665 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

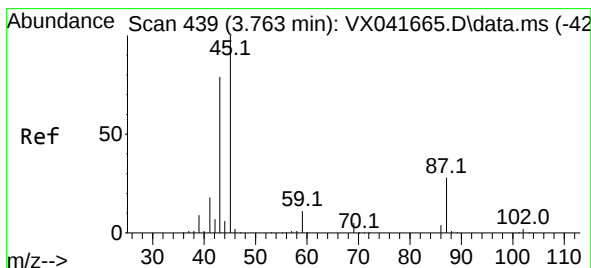
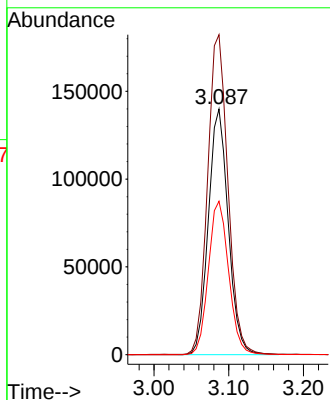
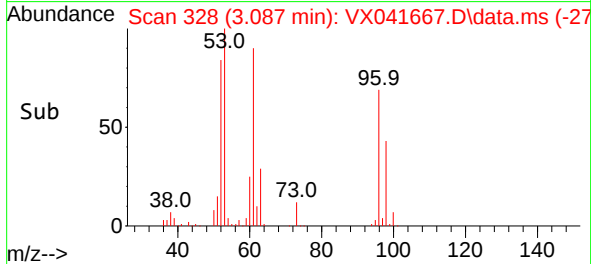
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



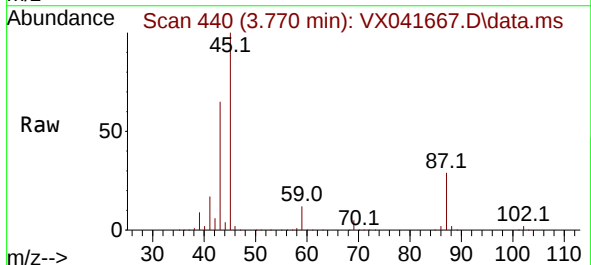
Tgt Ion: 96 Resp: 25896
Ion Ratio Lower Upper
96 100
61 130.1 119.2 178.8
98 62.5 48.7 73.1

Manual Integrations
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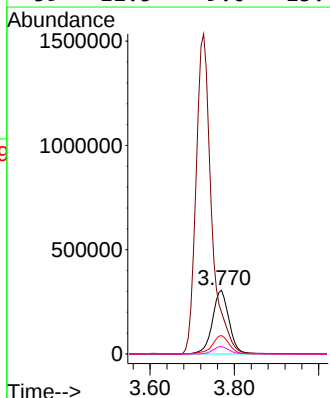
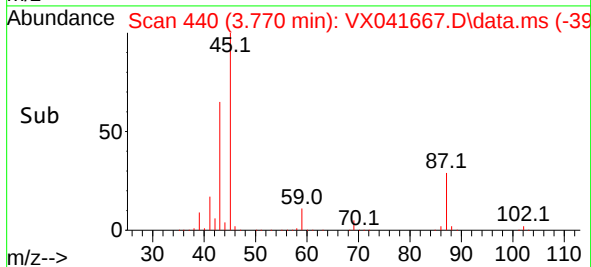
Reviewed By :John Carbone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

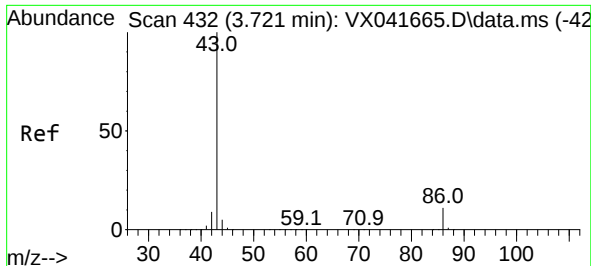


#22
Diisopropyl ether
Concen: 149.714 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29



Tgt Ion: 45 Resp: 833854
Ion Ratio Lower Upper
45 100
43 65.5 69.7 104.5#
87 29.0 20.8 31.2
59 11.5 9.0 13.4





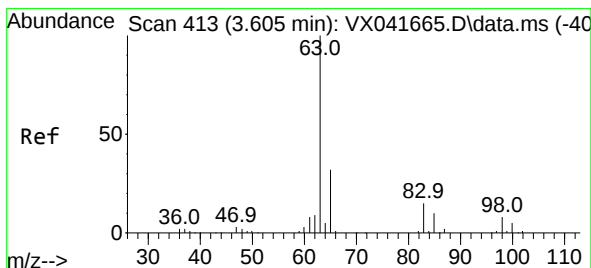
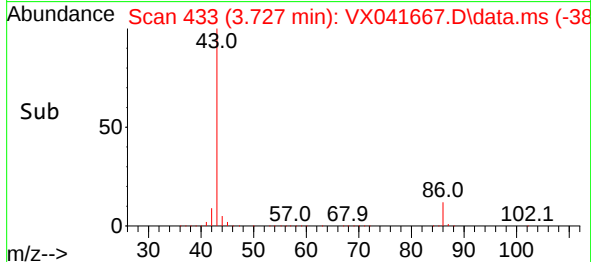
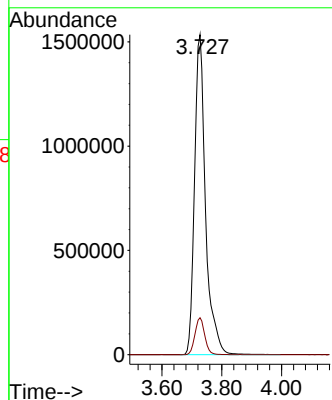
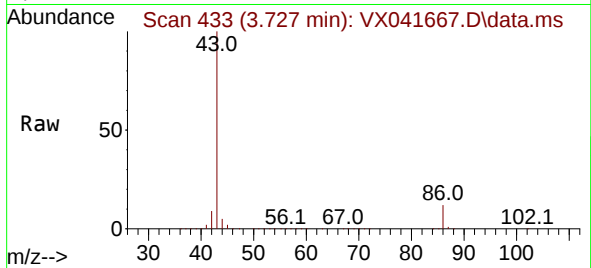
#23
 Vinyl Acetate
 Concen: 783.418 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX041667.D
 Acq: 29 May 2024 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 391998
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8

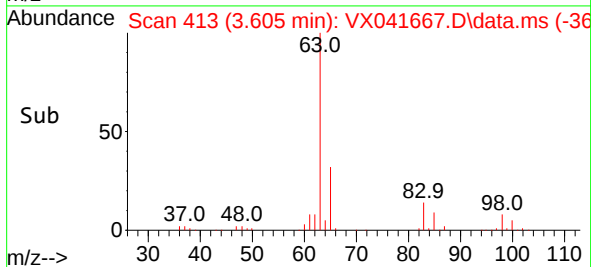
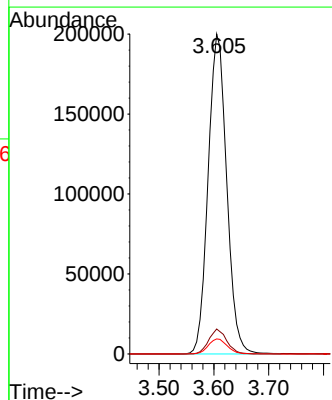
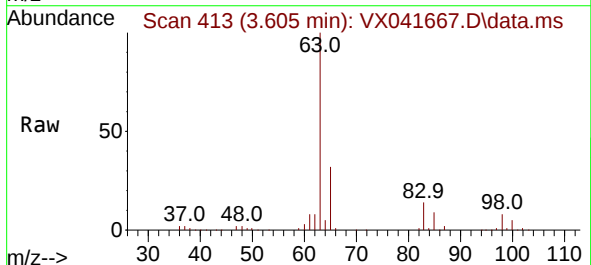
Manual Integrations
 APPROVED

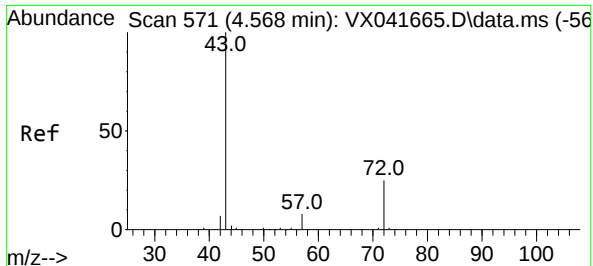
Reviewed By :John Carlone 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024



#24
 1,1-Dichloroethane
 Concen: 149.144 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041667.D
 Acq: 29 May 2024 11:29

Tgt Ion: 63 Resp: 469717
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.8
 100 4.7 2.1 6.5





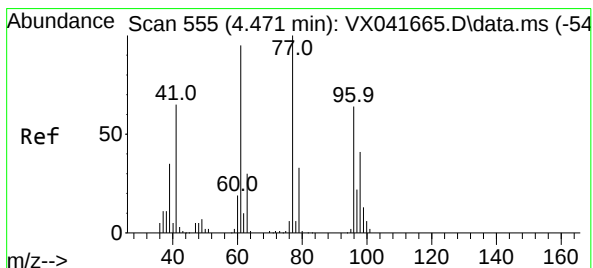
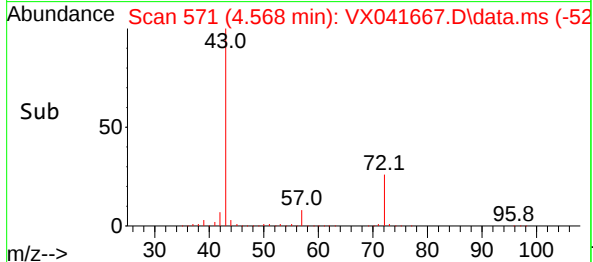
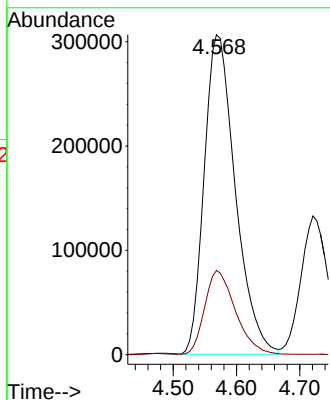
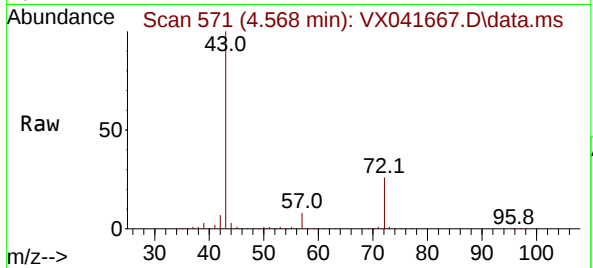
#25
2-Butanone
Concen: 739.226 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 104718
Ion Ratio Lower Upper
43 100
72 26.1 19.4 29.2

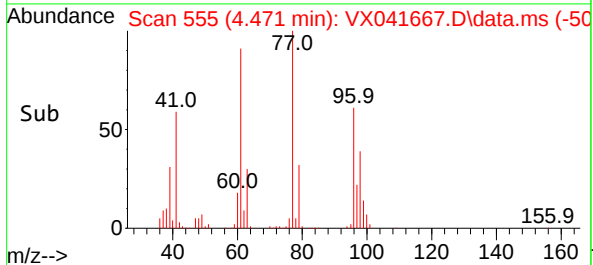
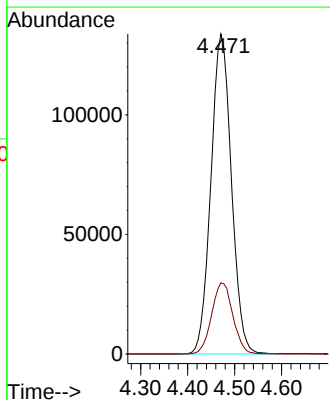
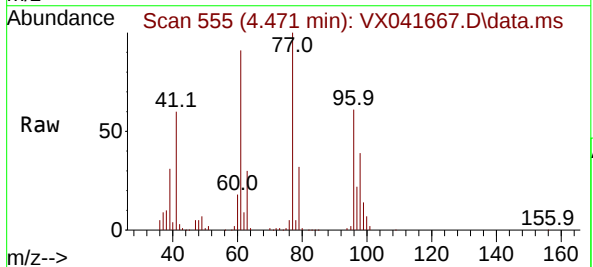
Manual Integrations
APPROVED

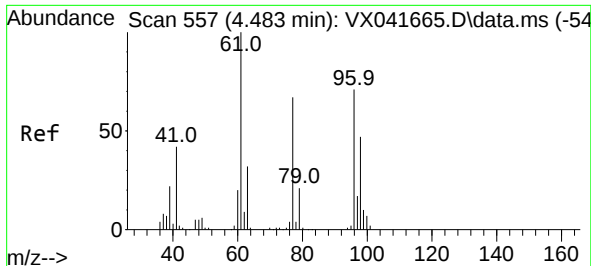
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#26
2,2-Dichloropropane
Concen: 156.737 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Tgt Ion: 77 Resp: 405000
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 152.522 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 31337

Ion Ratio Lower Upper

96 100

61 140.5 0.0 312.2

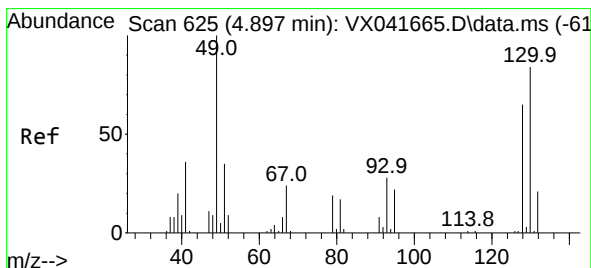
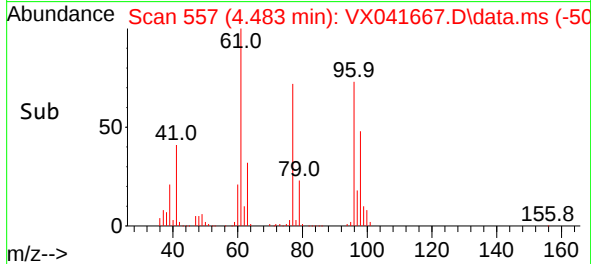
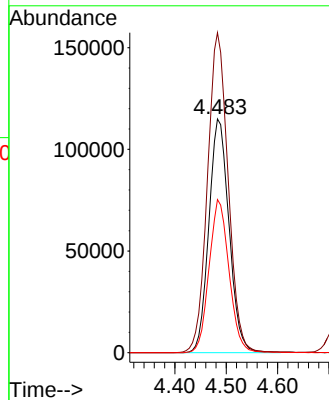
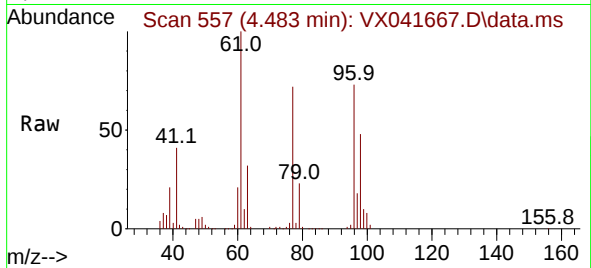
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#28

Bromochloromethane

Concen: 144.243 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

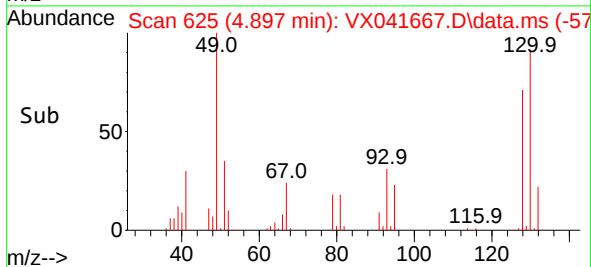
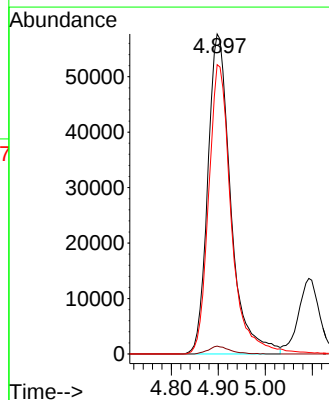
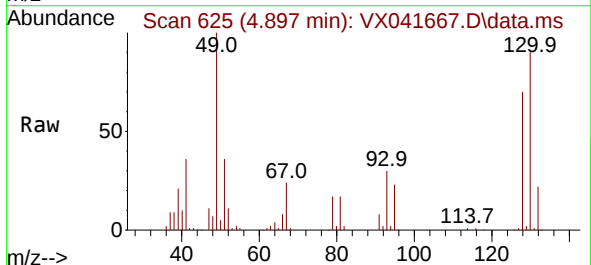
Tgt Ion: 49 Resp: 195659

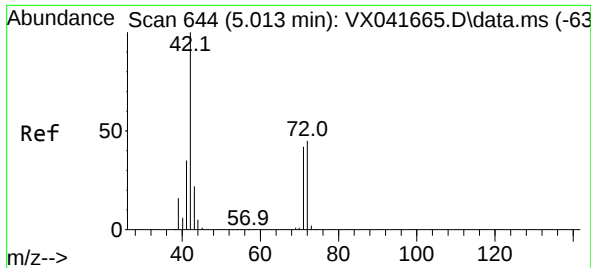
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 89.6 57.5 86.3#





#29

Tetrahydrofuran

Concen: 746.251 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 42 Resp: 666689

Ion Ratio Lower Upper

42 100

72 45.7 34.2 51.4

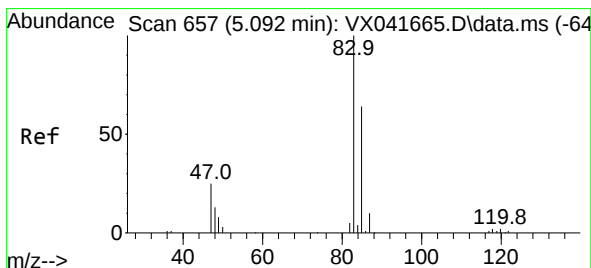
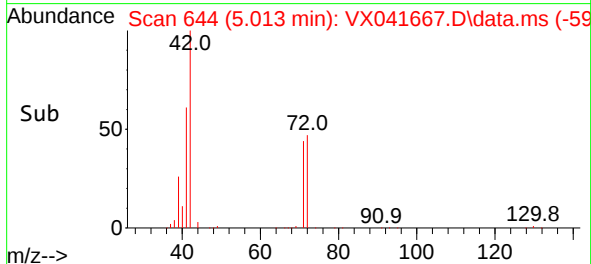
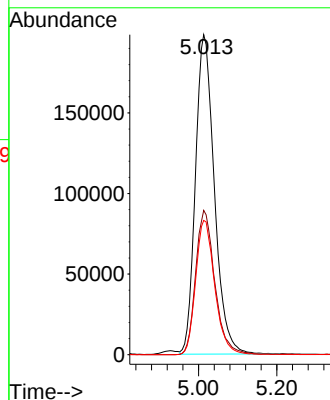
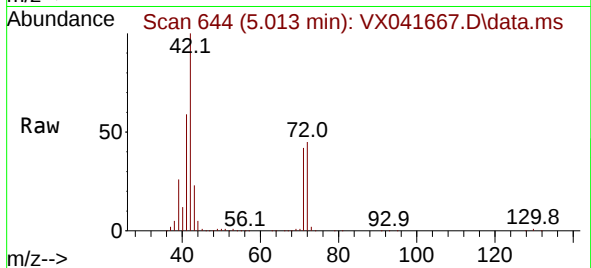
71 42.4 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#30

Chloroform

Concen: 148.919 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX041667.D

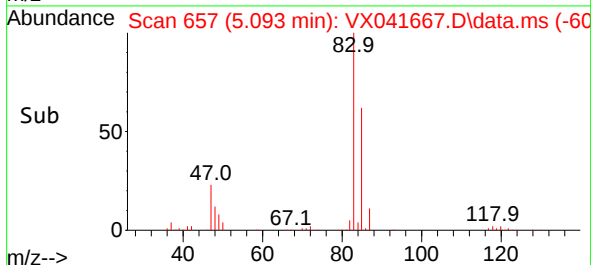
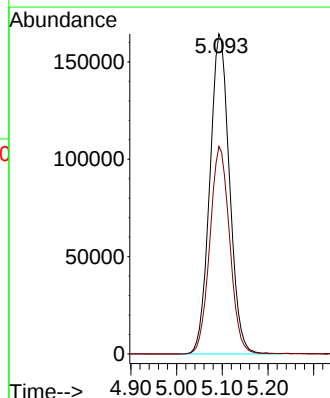
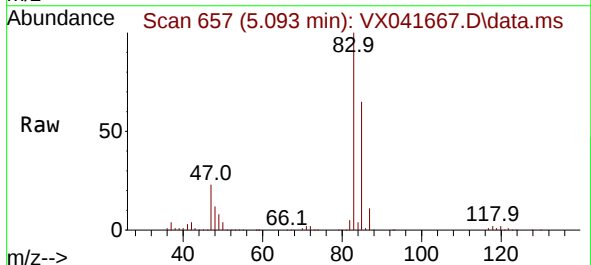
Acq: 29 May 2024 11:29

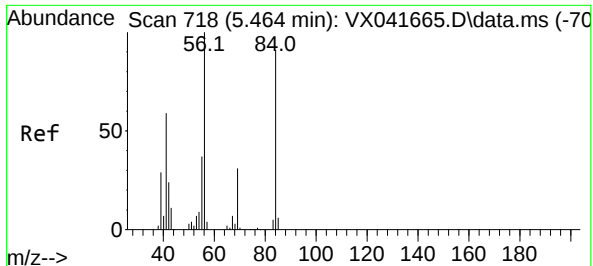
Tgt Ion: 83 Resp: 492420

Ion Ratio Lower Upper

83 100

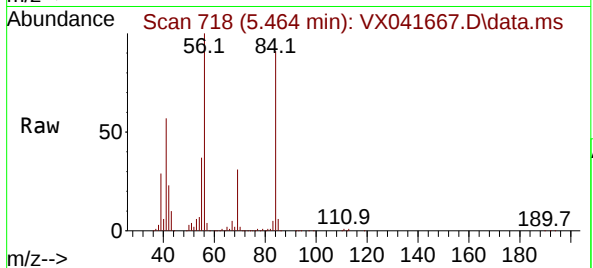
85 64.8 50.3 75.5





#31
Cyclohexane
Concen: 147.488 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

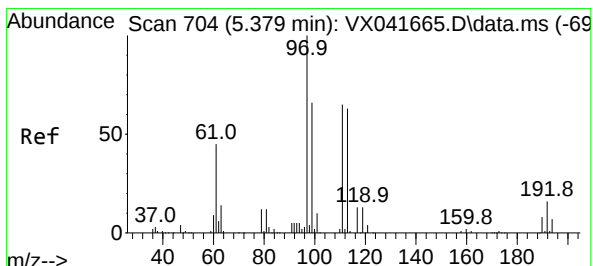
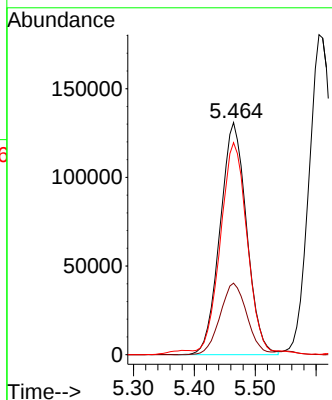
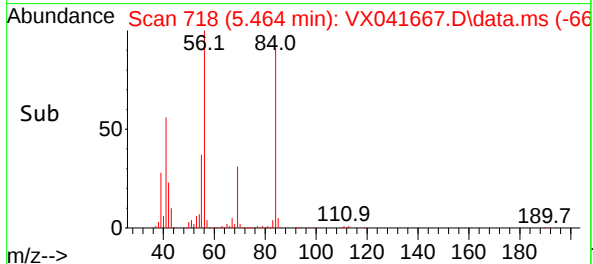
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 396889
Ion Ratio Lower Upper
56 100
69 30.8 23.4 35.2
84 89.7 65.9 98.9

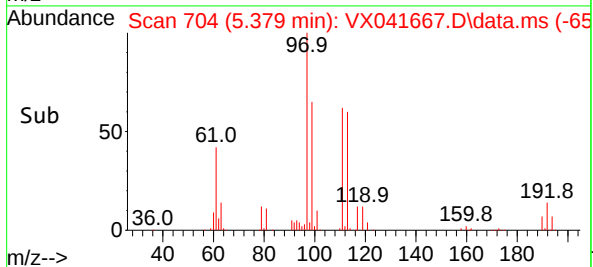
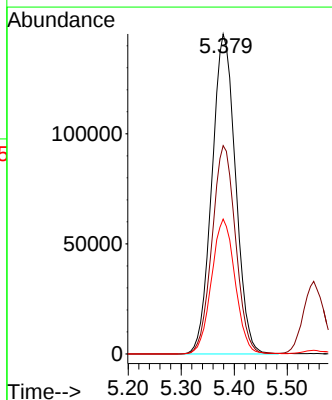
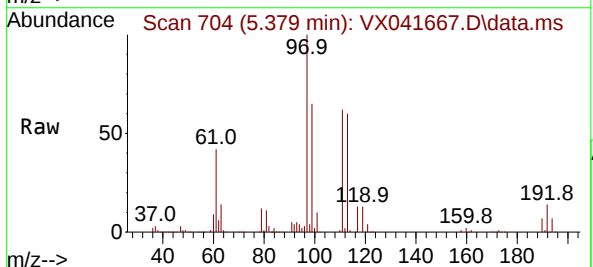
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APPROVED

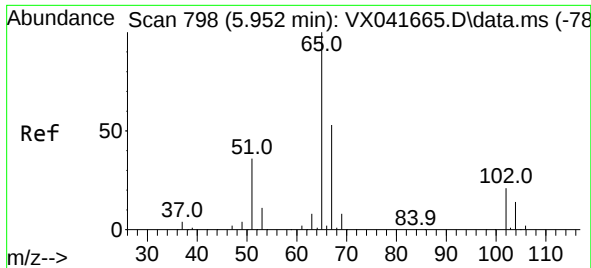
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#32
1,1,1-Trichloroethane
Concen: 155.138 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Tgt Ion: 97 Resp: 449539
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 42.2 36.4 54.6





#33
 1,2-Dichloroethane-d4
 Concen: 141.972 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX041667.D
 Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

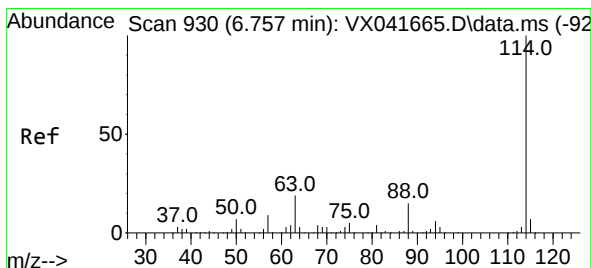
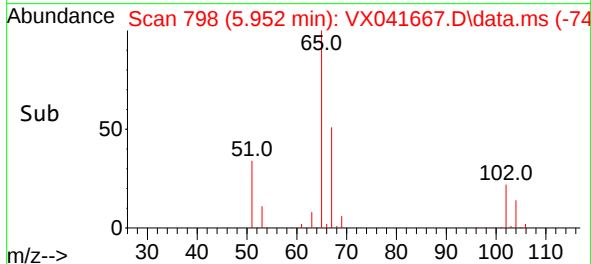
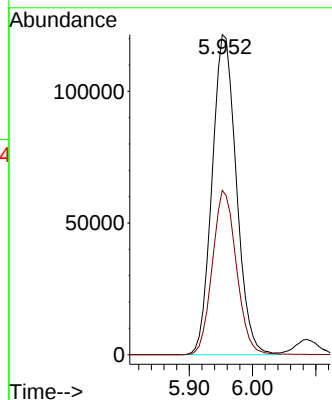
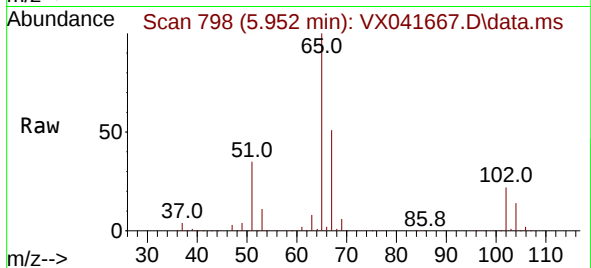
VSTDIC150

Tgt Ion: 65 Resp: 323590
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 100.2

Manual Integrations

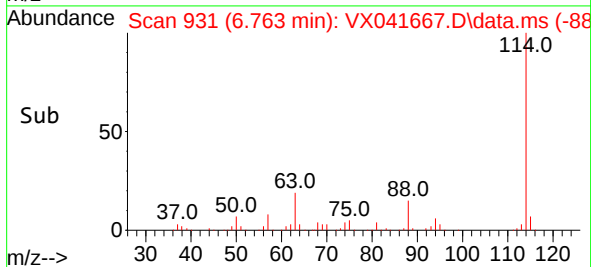
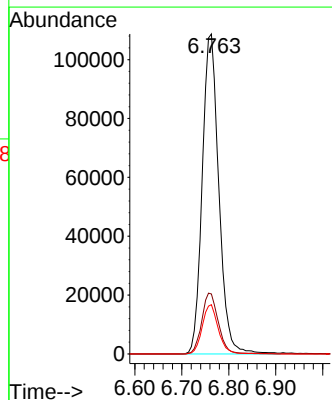
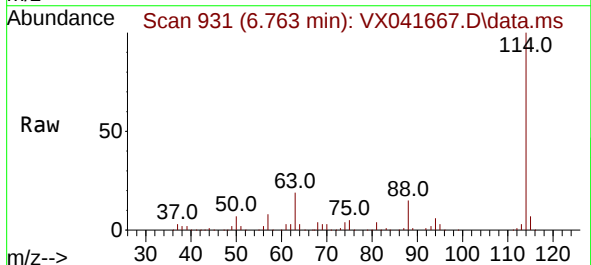
APPROVED

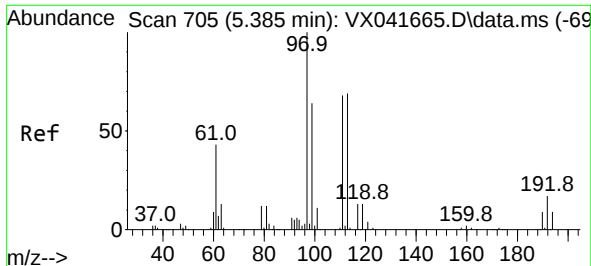
Reviewed By :John Carlone 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX041667.D
 Acq: 29 May 2024 11:29

Tgt Ion:114 Resp: 266913
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 45.0
 88 15.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 146.318 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041667.D

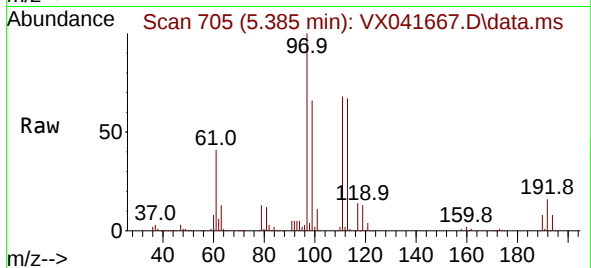
Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



Tgt Ion: 113 Resp: 270019

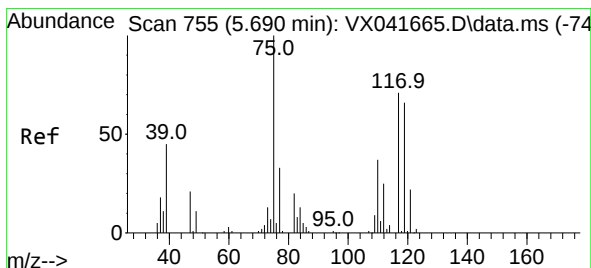
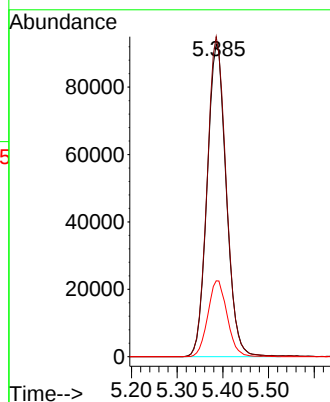
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	24.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#36

1,1-Dichloropropene

Concen: 150.462 ug/l

RT: 5.690 min Scan# 755

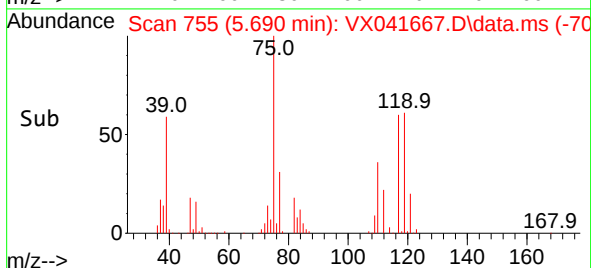
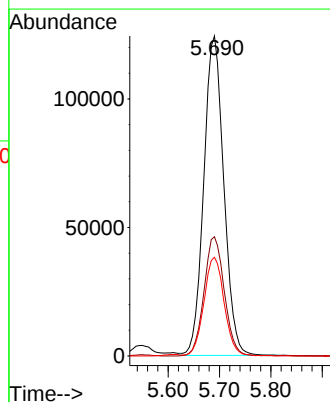
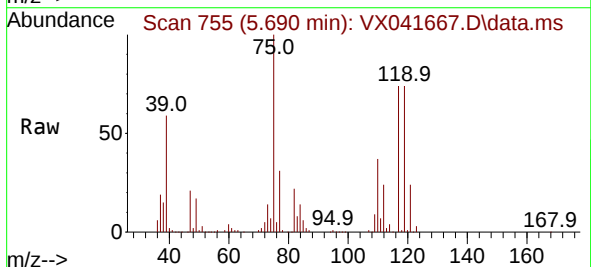
Delta R.T. 0.000 min

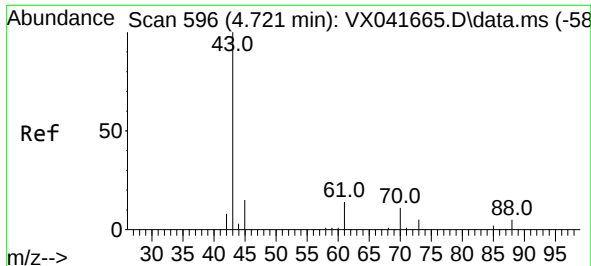
Lab File: VX041667.D

Acq: 29 May 2024 11:29

Tgt Ion: 75 Resp: 336212

Ion	Ratio	Lower	Upper
75	100		
110	37.8	17.0	50.9
77	31.2	24.7	37.1





#37

Ethyl Acetate

Concen: 146.542 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 413249

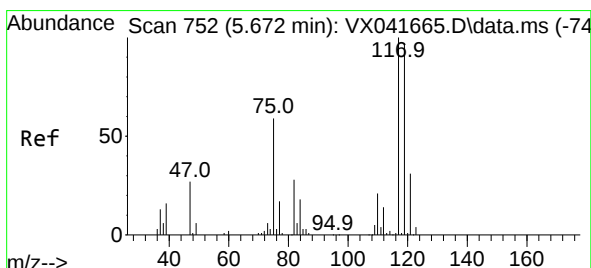
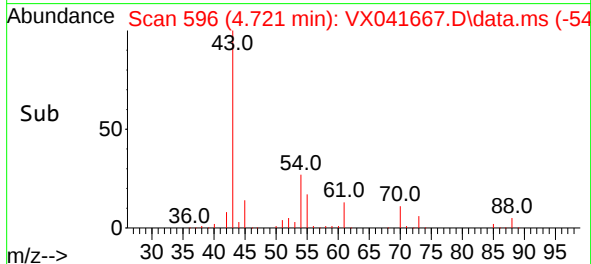
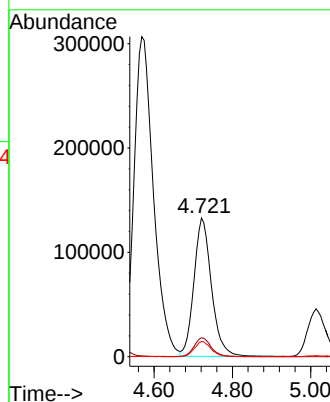
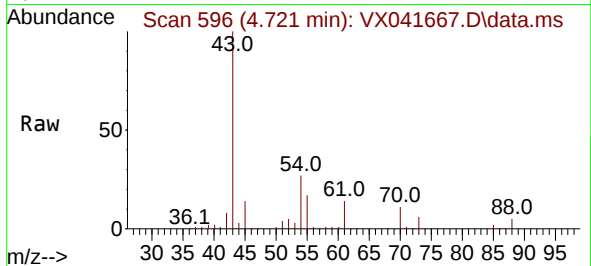
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.6	16.0
70	10.6	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#38

Carbon Tetrachloride

Concen: 156.960 ug/l

RT: 5.672 min Scan# 752

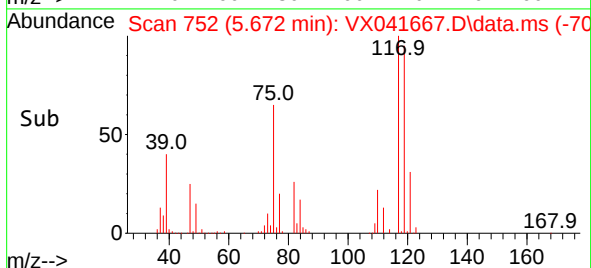
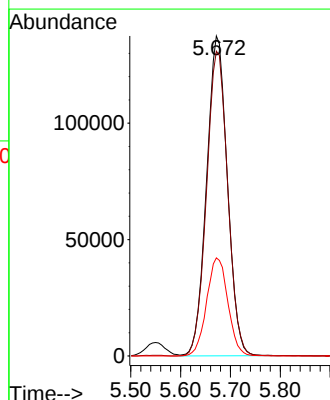
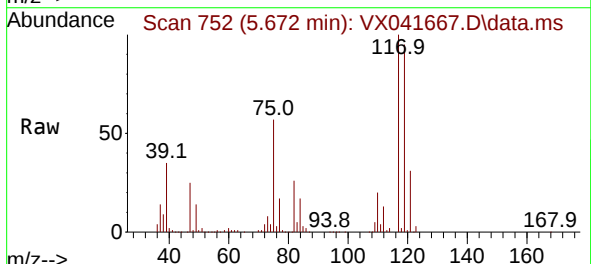
Delta R.T. 0.000 min

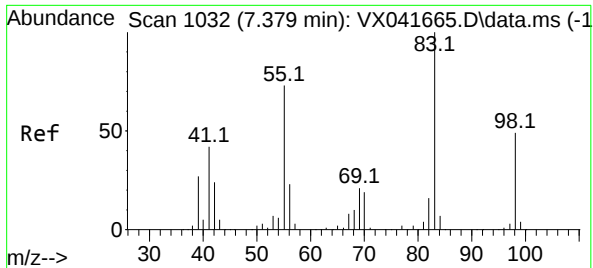
Lab File: VX041667.D

Acq: 29 May 2024 11:29

Tgt Ion:117 Resp: 398478

Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.2	117.2
121	30.7	24.4	36.6





#39

Methylcyclohexane

Concen: 156.657 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 430060

Ion Ratio Lower Upper

83 100

55 74.7 64.6 97.0

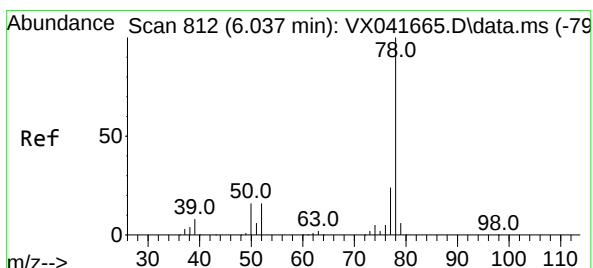
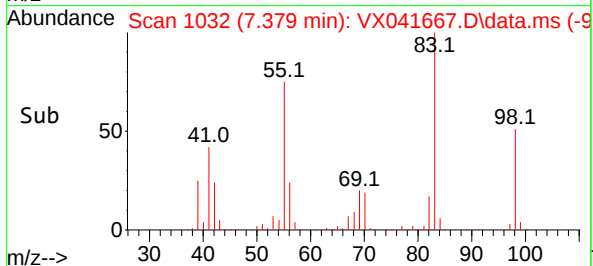
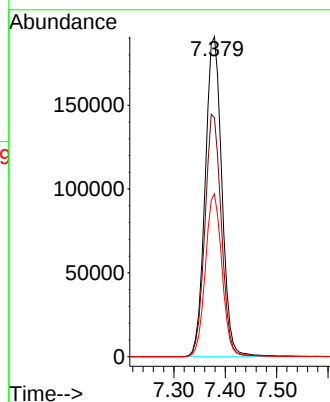
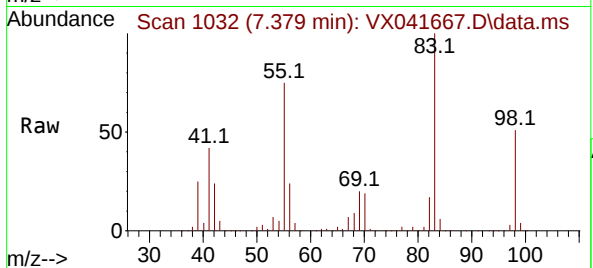
98 50.9 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#40

Benzene

Concen: 148.573 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX041667.D

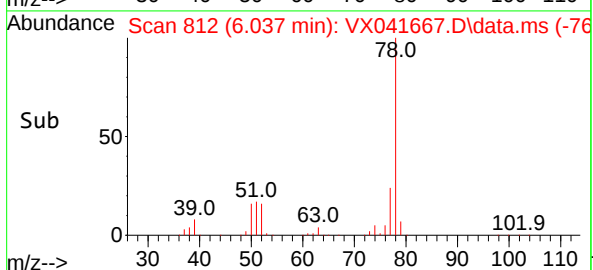
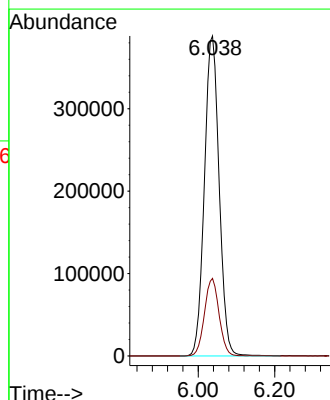
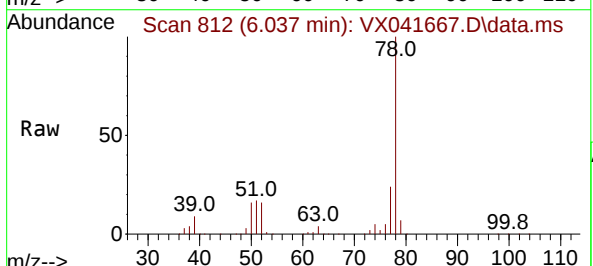
Acq: 29 May 2024 11:29

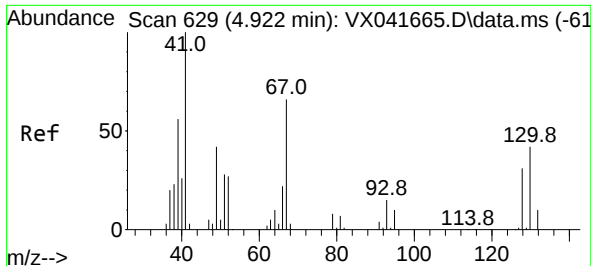
Tgt Ion: 78 Resp: 1037698

Ion Ratio Lower Upper

78 100

77 24.3 19.3 28.9





#41
Methacrylonitrile
Concen: 162.116 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

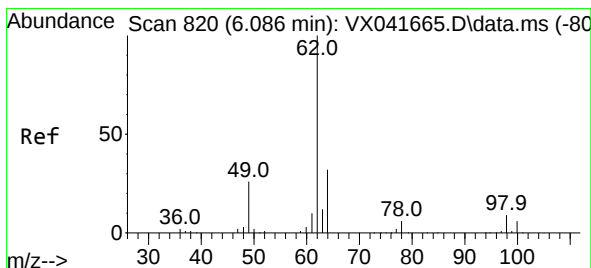
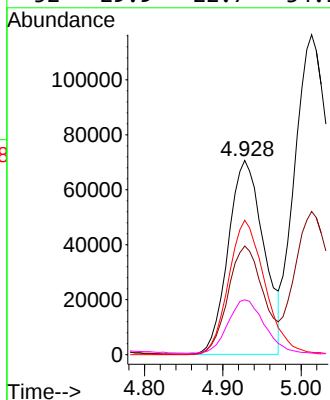
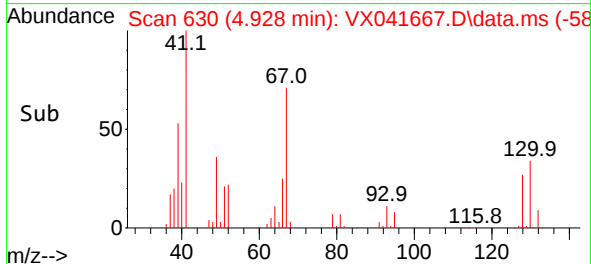
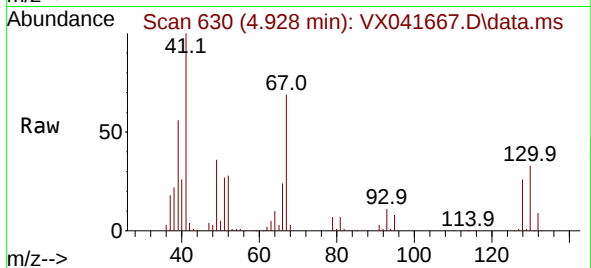
Tgt Ion: 41 Resp: 223584
Ion Ratio Lower Upper
41 100
39 55.4 45.2 67.8
67 71.1 52.6 78.8
52 29.9 22.7 34.1

Manual Integrations

APPROVED

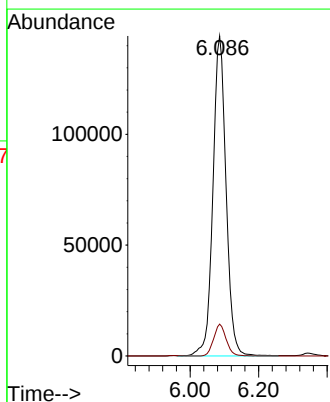
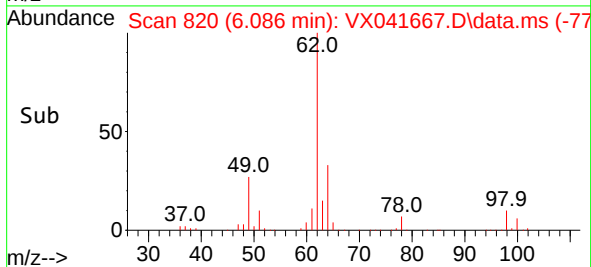
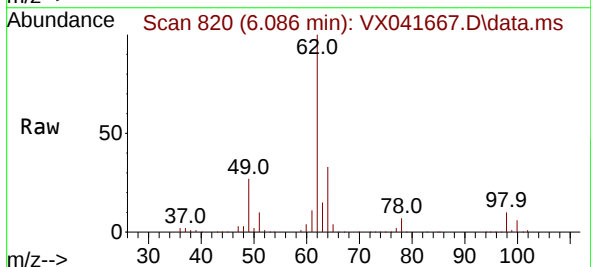
Reviewed By :John Carlone 05/30/2024

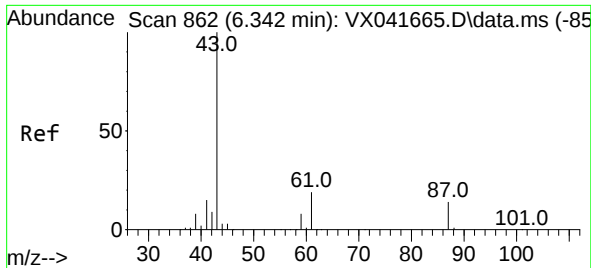
Supervised By :Semsettin Yesilyurt 05/30/2024



#42
1,2-Dichloroethane
Concen: 147.490 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Tgt Ion: 62 Resp: 384560
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 155.567 ug/l

RT: 6.348 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 66234

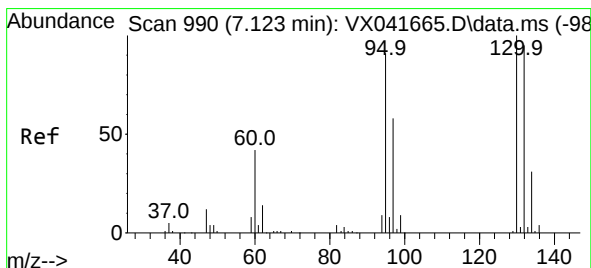
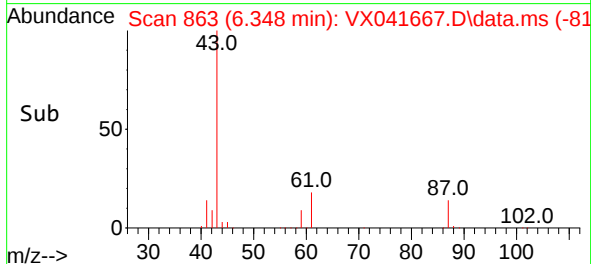
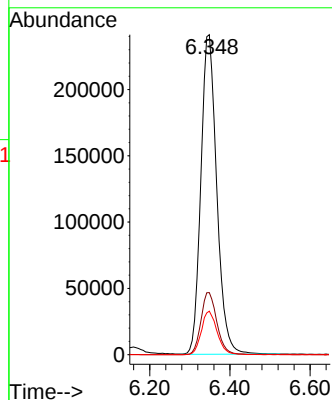
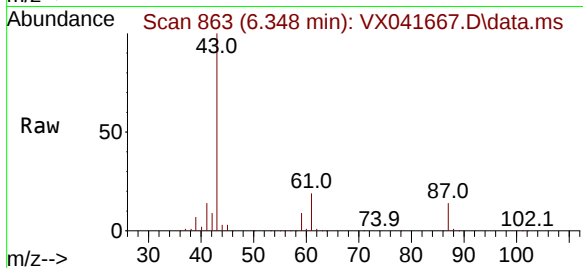
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.2	22.8
87	13.5	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#44

Trichloroethene

Concen: 153.908 ug/l

RT: 7.123 min Scan# 990

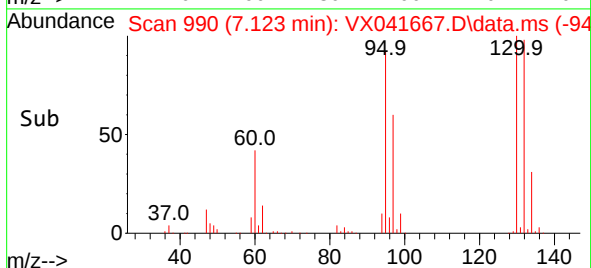
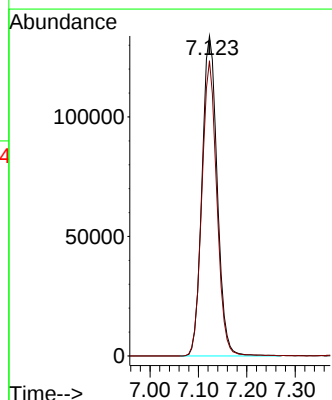
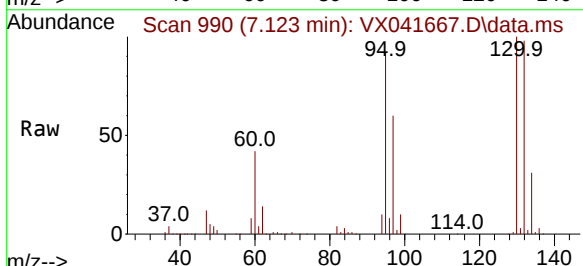
Delta R.T. 0.000 min

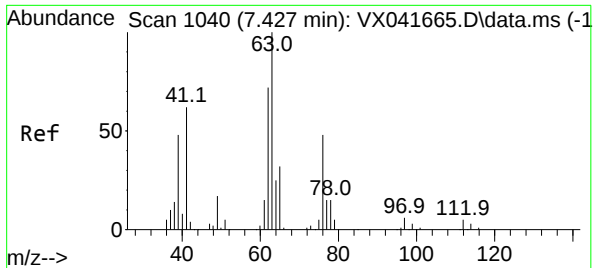
Lab File: VX041667.D

Acq: 29 May 2024 11:29

Tgt Ion:130 Resp: 292358

Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	204.4





#45

1,2-Dichloropropane

Concen: 153.791 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 255392

Ion Ratio Lower Upper

63 100

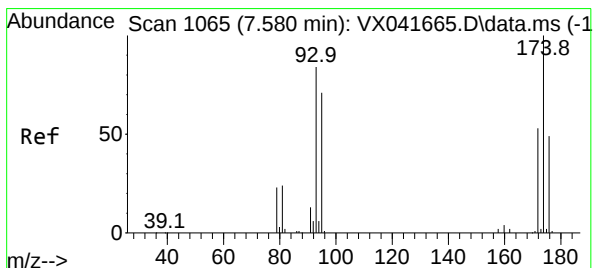
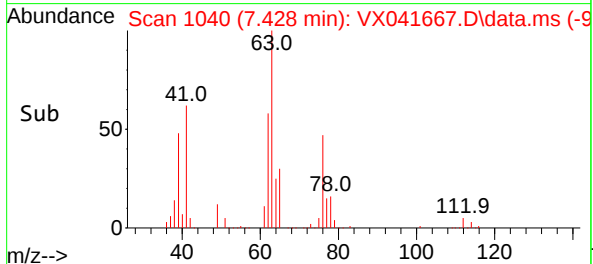
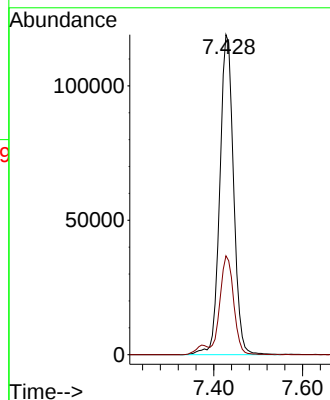
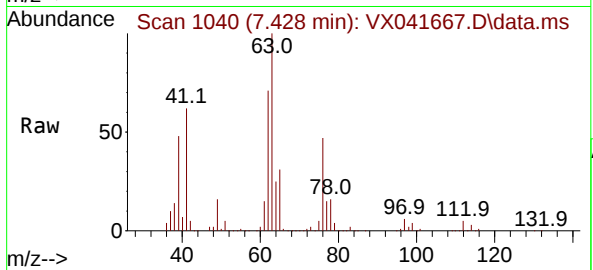
65 30.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#46

Dibromomethane

Concen: 154.857 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

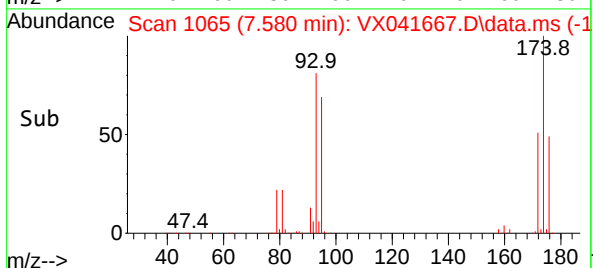
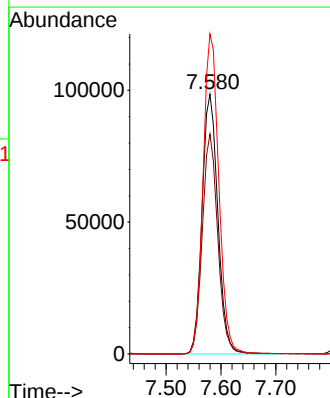
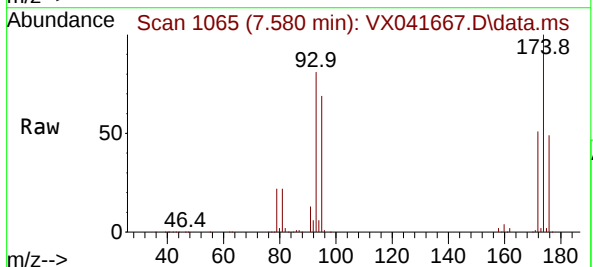
Tgt Ion: 93 Resp: 197243

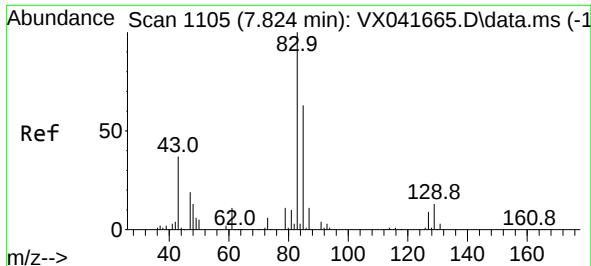
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 122.8 69.4 104.0





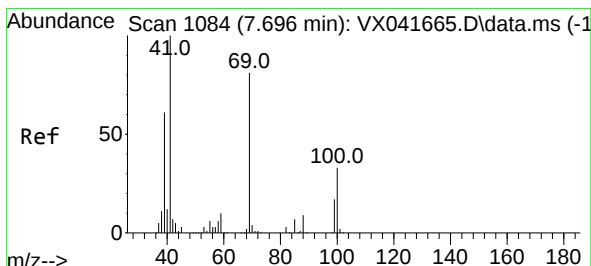
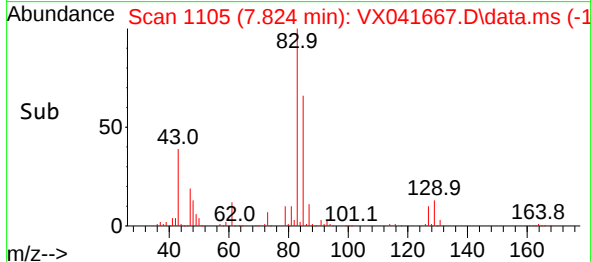
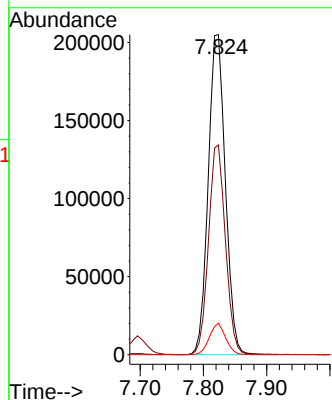
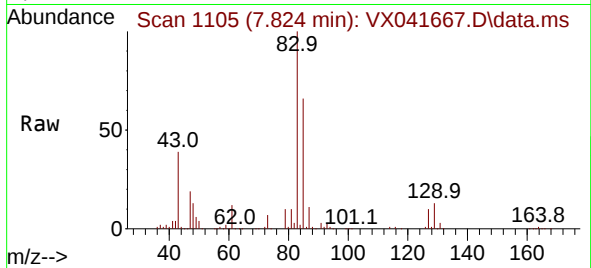
#47
Bromodichloromethane
Concen: 164.094 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 387000
Ion Ratio Lower Upper
83 100
85 65.5 49.8 74.6
127 9.8 7.1 10.7

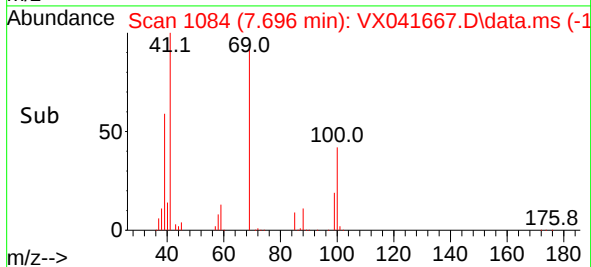
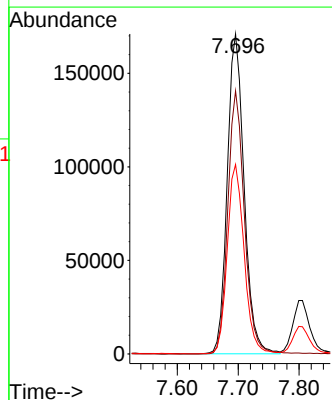
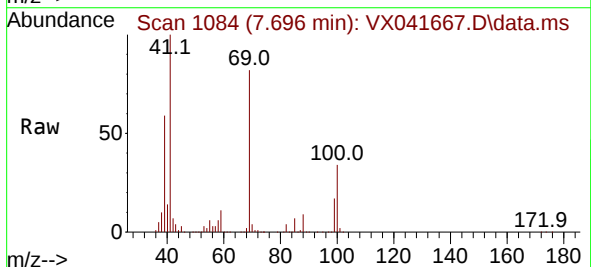
Manual Integrations
APPROVED

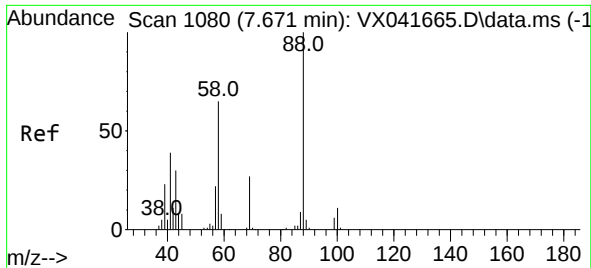
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#48
Methyl methacrylate
Concen: 160.428 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

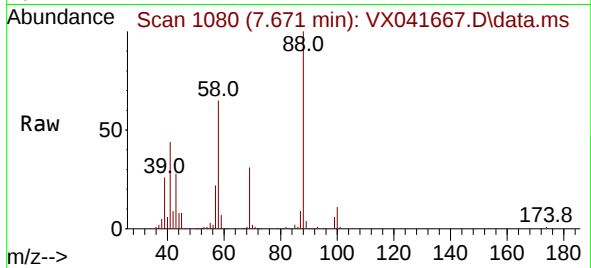
Tgt Ion: 41 Resp: 328019
Ion Ratio Lower Upper
41 100
69 81.5 59.2 88.8
39 59.3 47.7 71.5





#49
1,4-Dioxane
Concen: 3153.149 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

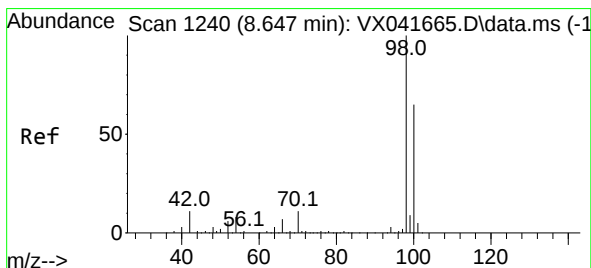
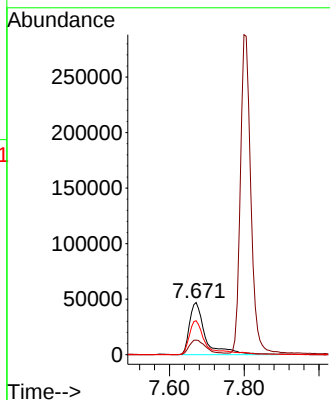
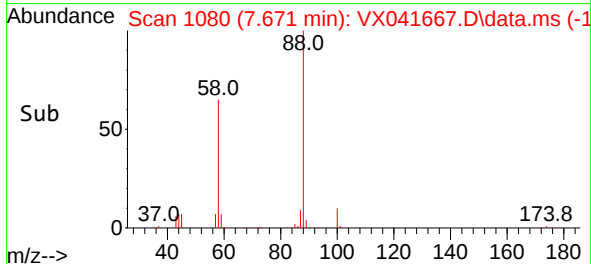
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 88 Resp: 140865
Ion Ratio Lower Upper
88 100
43 30.2 0.0 0.0
58 63.5 60.1 90.1

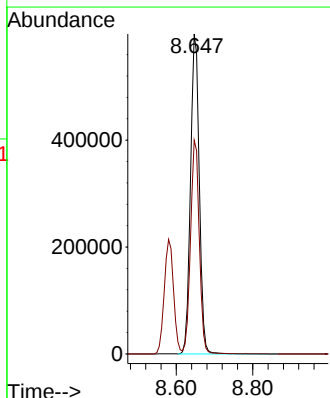
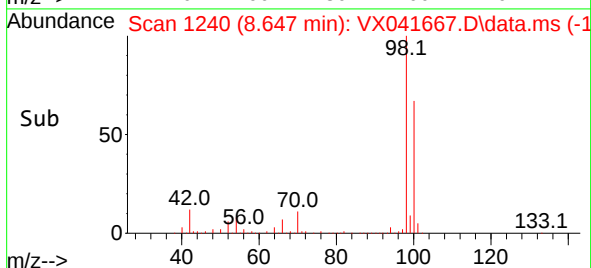
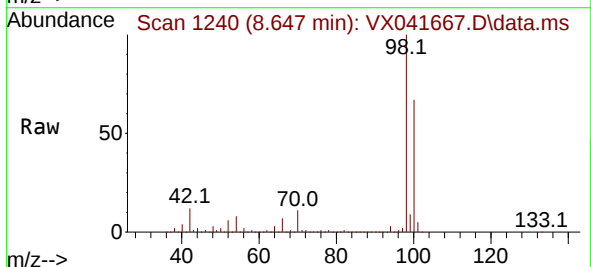
Manual Integrations
APPROVED

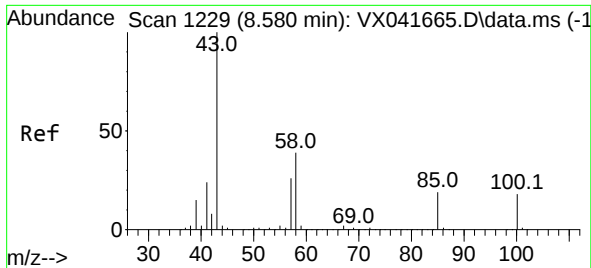
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#50
Toluene-d8
Concen: 147.919 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Tgt Ion: 98 Resp: 953804
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7





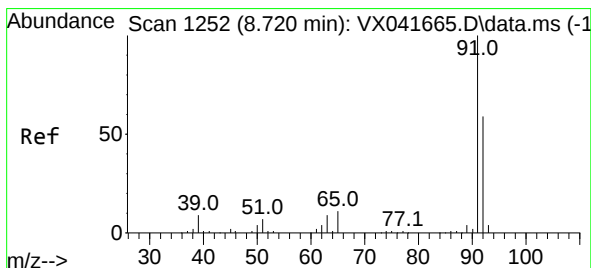
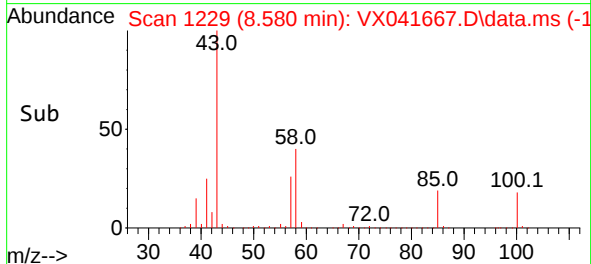
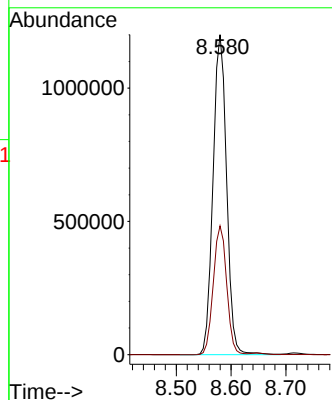
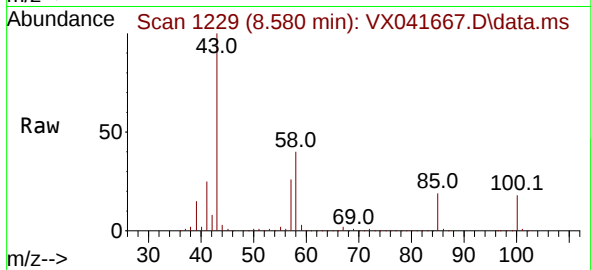
#51
4-Methyl-2-Pentanone
Concen: 744.844 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 205643
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6

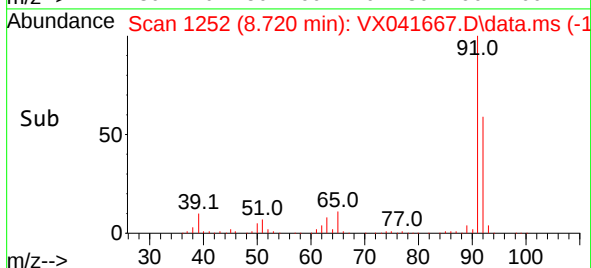
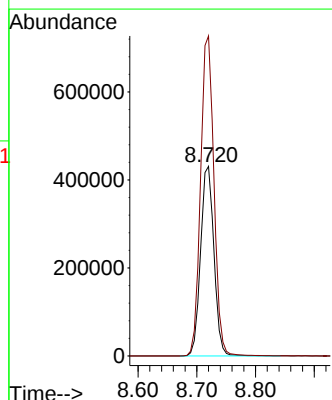
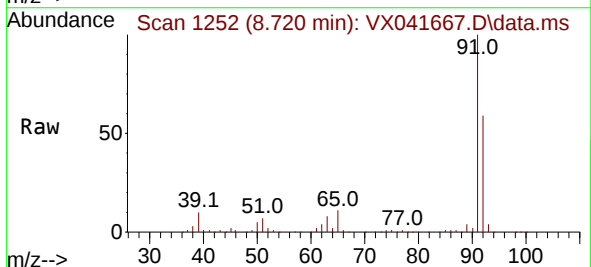
Manual Integrations
APPROVED

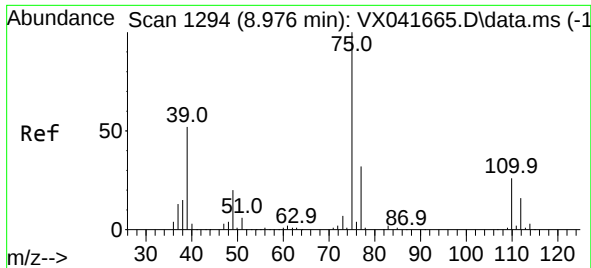
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#52
Toluene
Concen: 153.270 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

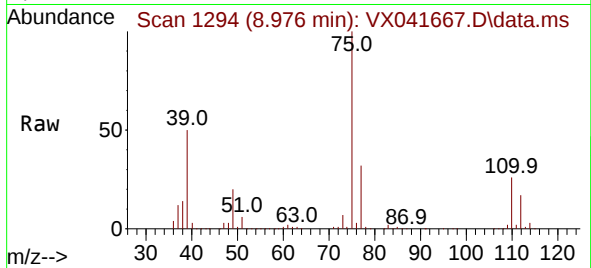
Tgt Ion: 92 Resp: 679377
Ion Ratio Lower Upper
92 100
91 168.9 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 177.064 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

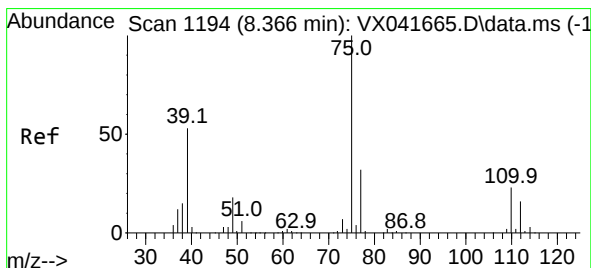
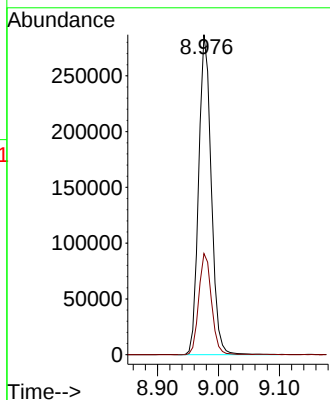
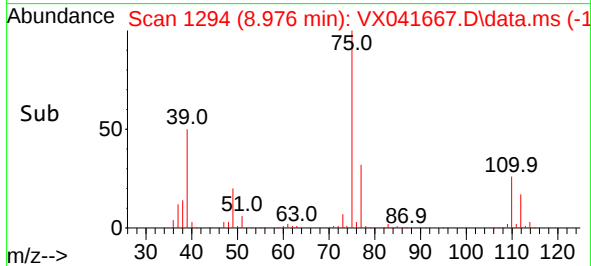
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



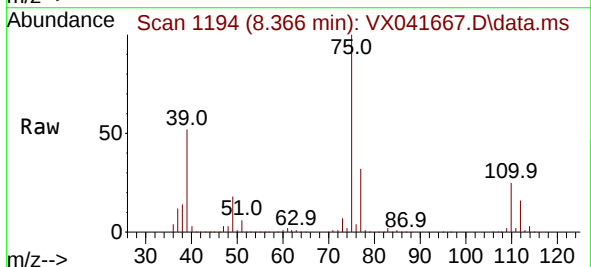
Tgt Ion: 75 Resp: 411049
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5

Manual Integrations
APPROVED

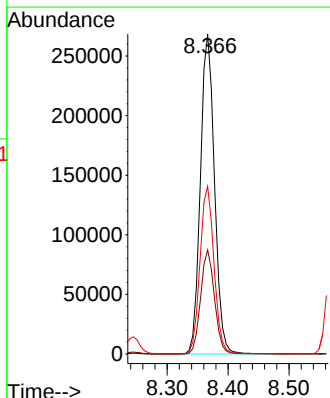
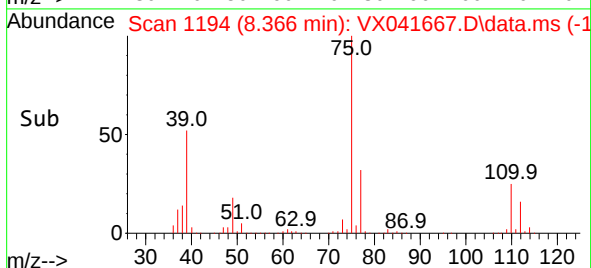
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

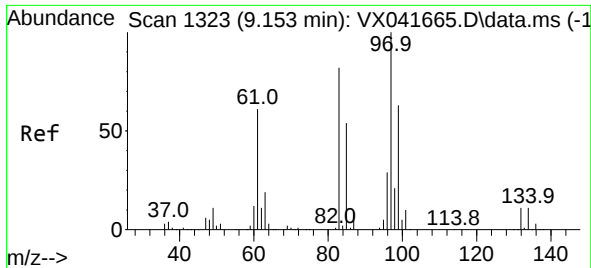


#54
cis-1,3-Dichloropropene
Concen: 168.174 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29



Tgt Ion: 75 Resp: 431893
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
39 52.3 46.7 70.1





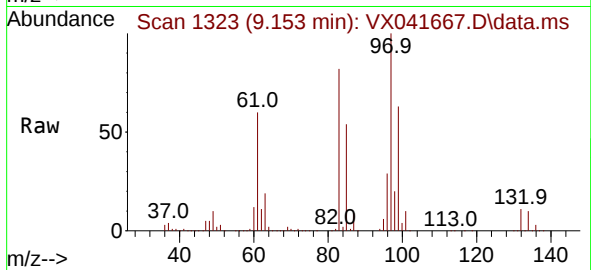
#55
1,1,2-Trichloroethane
Concen: 151.293 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



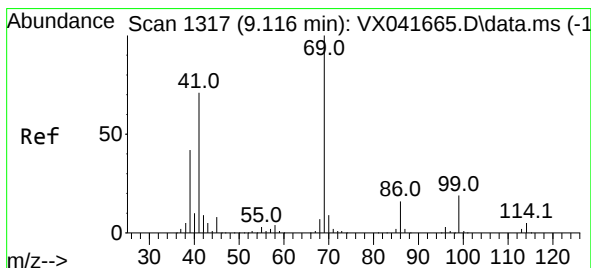
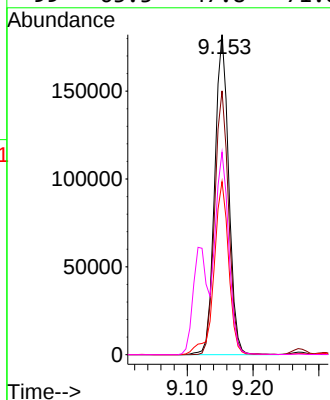
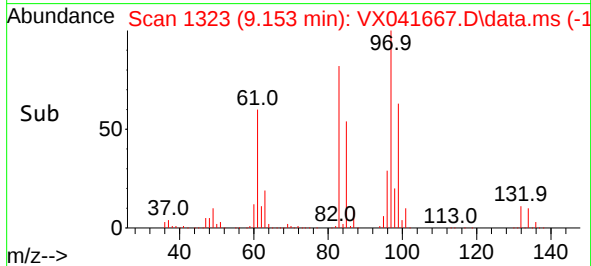
Tgt Ion: 97 Resp: 270329
Ion Ratio Lower Upper
97 100
83 82.5 65.8 98.8
85 54.1 41.6 62.4
99 63.3 47.8 71.8

Manual Integrations

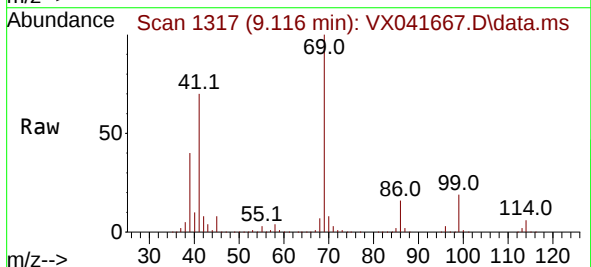
APPROVED

Reviewed By :John Carlone 05/30/2024

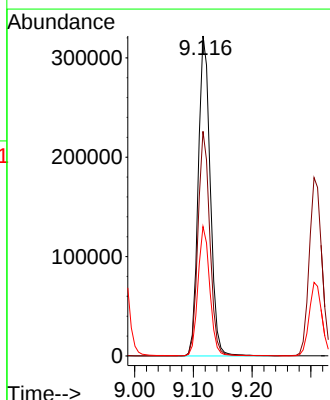
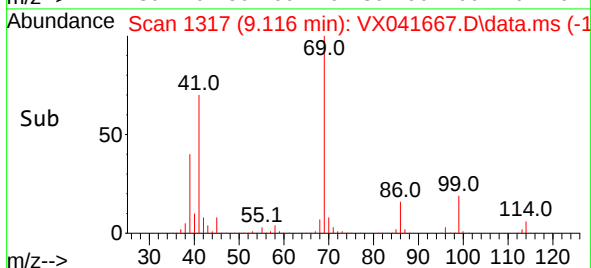
Supervised By :Semsettin Yesilyurt 05/30/2024

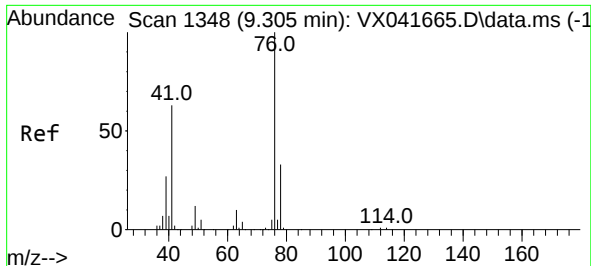


#56
Ethyl methacrylate
Concen: 167.539 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29



Tgt Ion: 69 Resp: 456923
Ion Ratio Lower Upper
69 100
41 68.9 56.8 85.2
39 39.6 32.0 48.0





#57

1,3-Dichloropropane

Concen: 147.772 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 438360

Ion Ratio Lower Upper

76 100

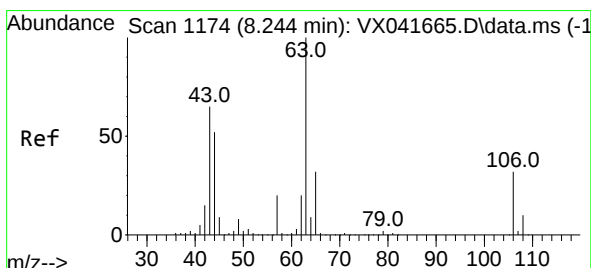
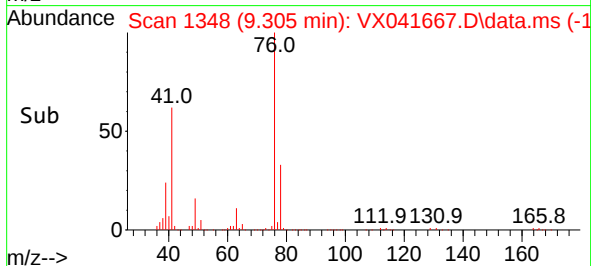
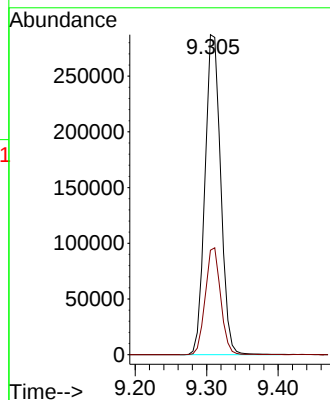
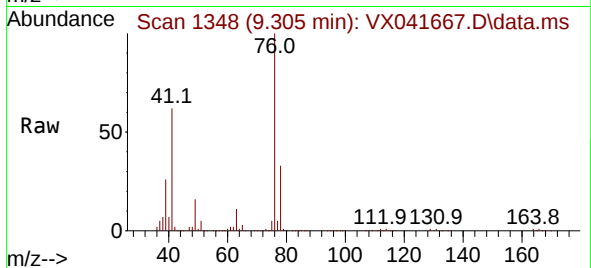
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#58

2-Chloroethyl Vinyl ether

Concen: 791.334 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX041667.D

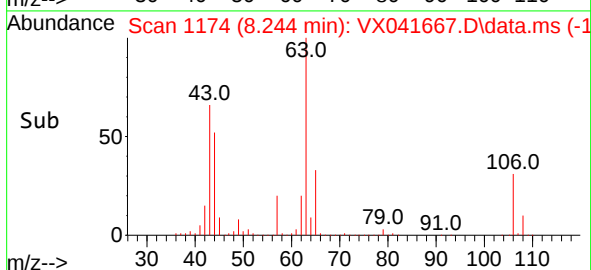
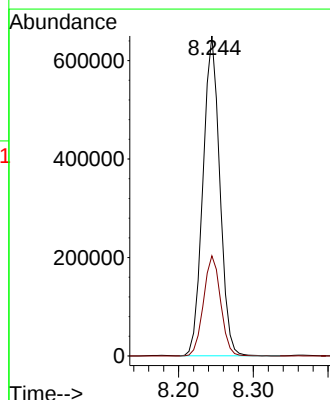
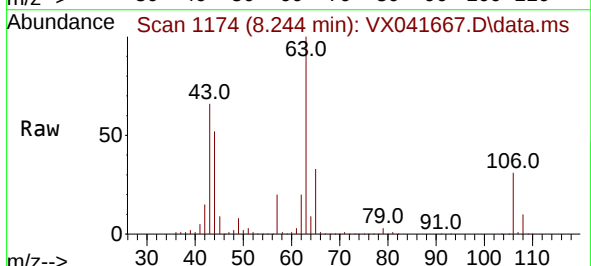
Acq: 29 May 2024 11:29

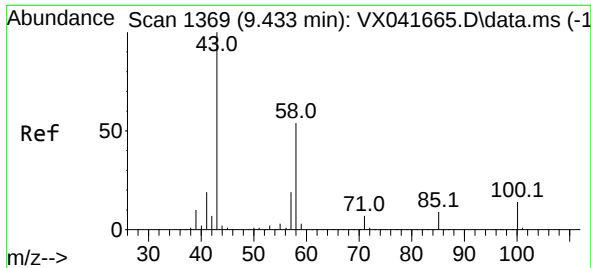
Tgt Ion: 63 Resp: 1016051

Ion Ratio Lower Upper

63 100

106 31.7 22.5 33.7





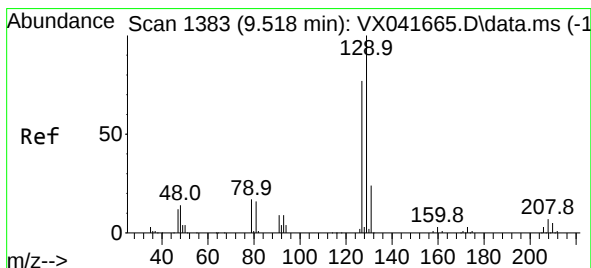
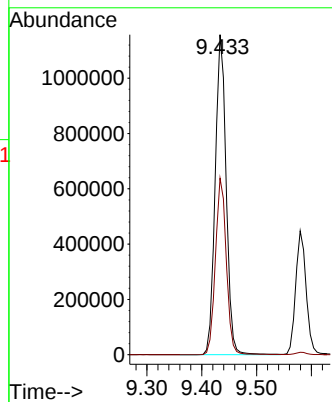
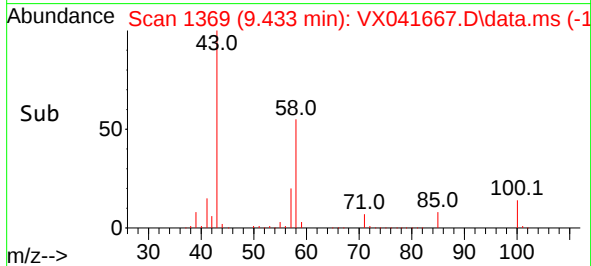
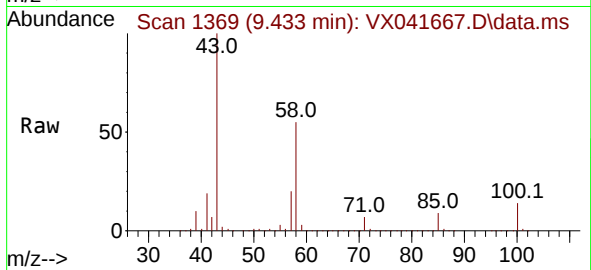
#59
2-Hexanone
Concen: 760.340 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 160044
Ion Ratio Lower Upper
43 100
58 54.9 26.2 78.5

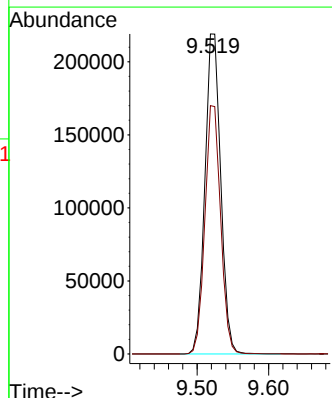
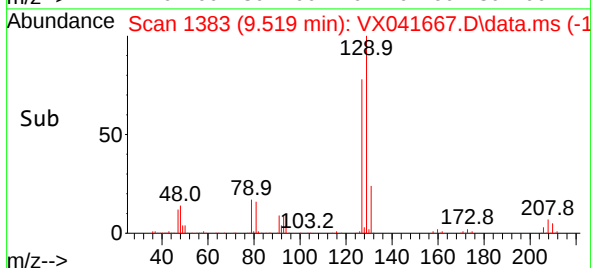
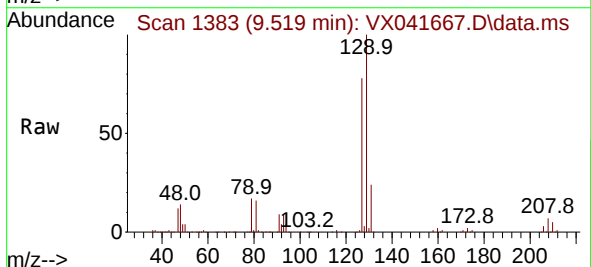
Manual Integrations
APPROVED

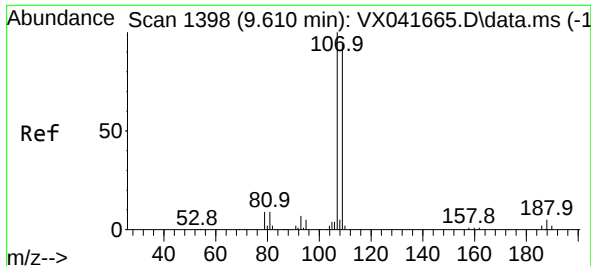
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#60
Dibromochloromethane
Concen: 169.619 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

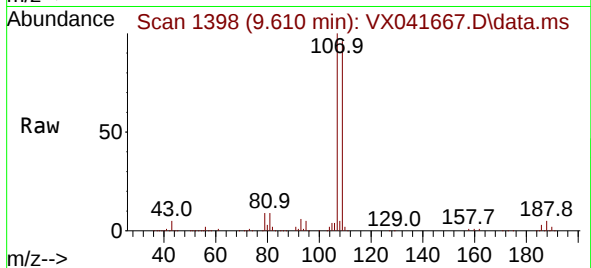
Tgt Ion:129 Resp: 336207
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 153.576 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

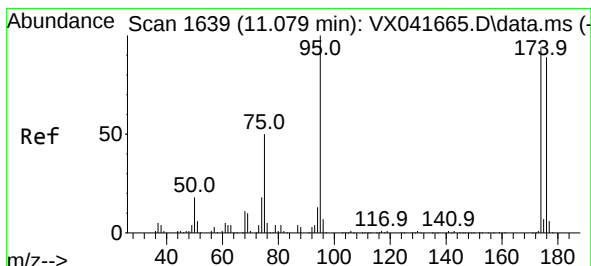
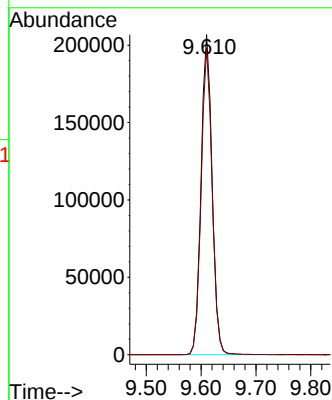
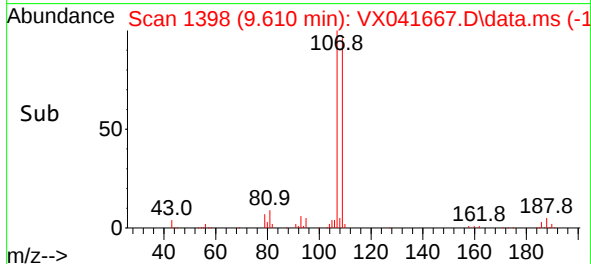
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



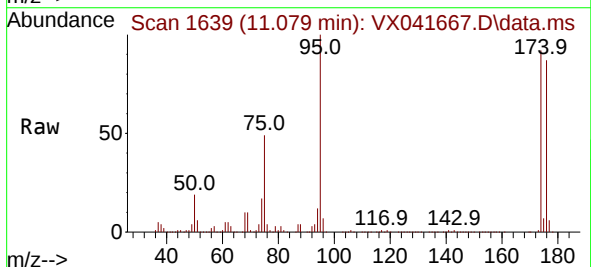
Tgt Ion:107 Resp: 289618
Ion Ratio Lower Upper
107 100
109 95.0 75.2 112.8

Manual Integrations
APPROVED

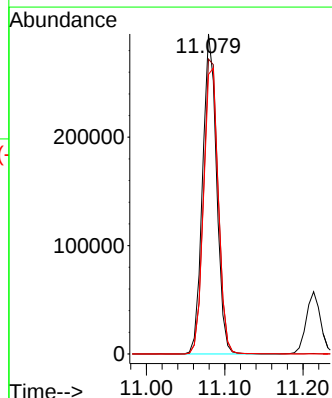
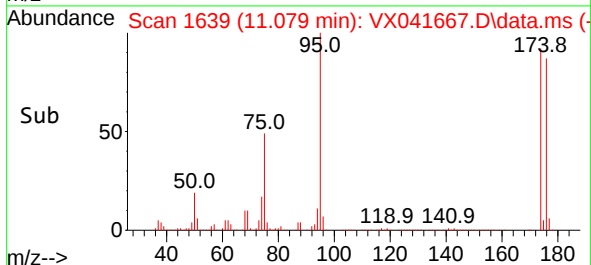
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

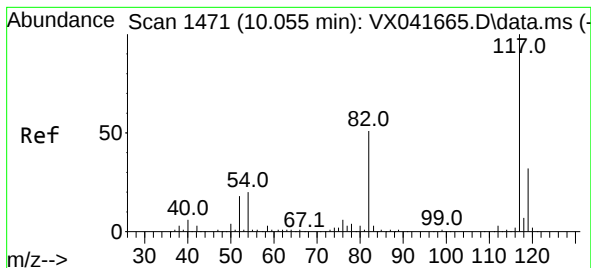


#62
4-Bromofluorobenzene
Concen: 153.950 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29



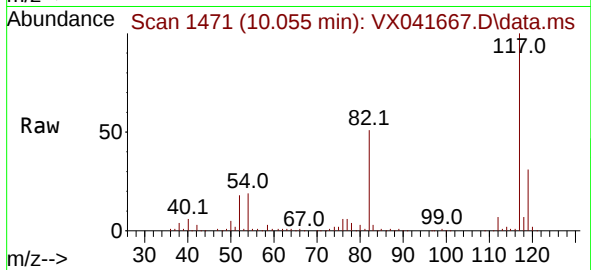
Tgt Ion: 95 Resp: 366383
Ion Ratio Lower Upper
95 100
174 96.6 0.0 135.6
176 94.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

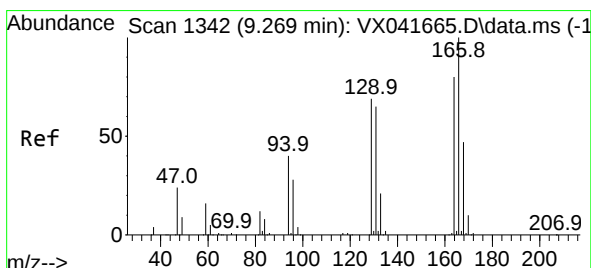
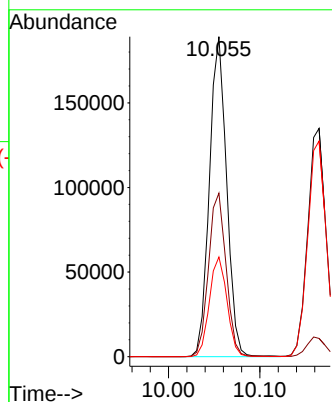
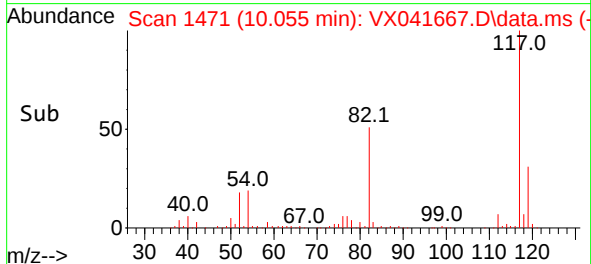
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 247045
Ion Ratio Lower Upper
117 100
82 51.1 46.2 69.4
119 31.2 25.5 38.3

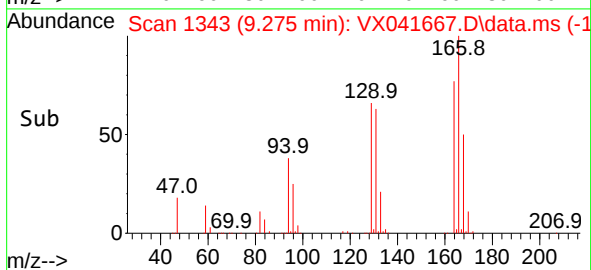
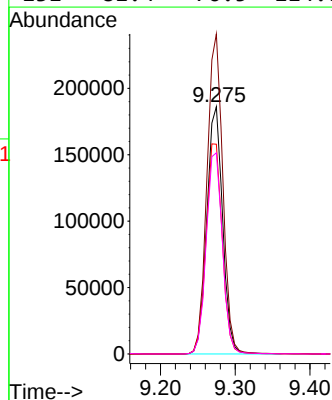
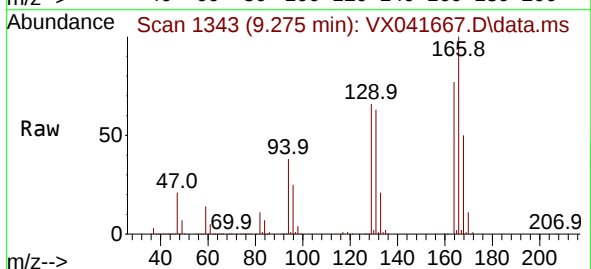
Manual Integrations
APPROVED

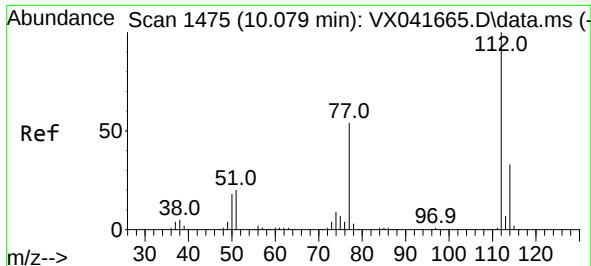
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#64
Tetrachloroethene
Concen: 147.541 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

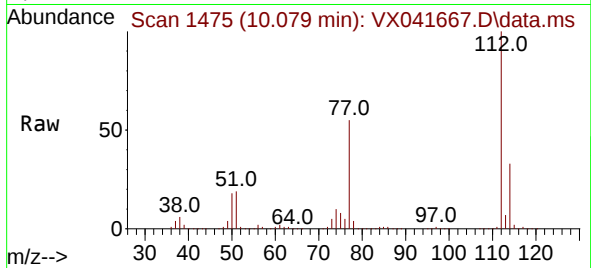
Tgt Ion:164 Resp: 273182
Ion Ratio Lower Upper
164 100
166 129.4 102.7 154.1
129 84.8 80.4 120.6
131 81.4 76.5 114.7





#65
Chlorobenzene
Concen: 147.594 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

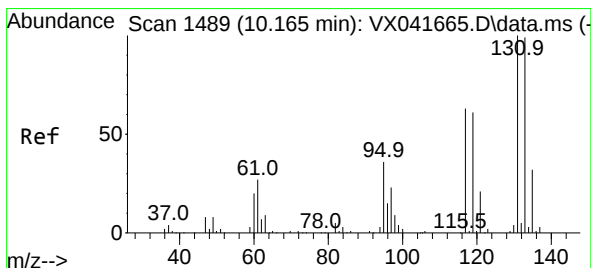
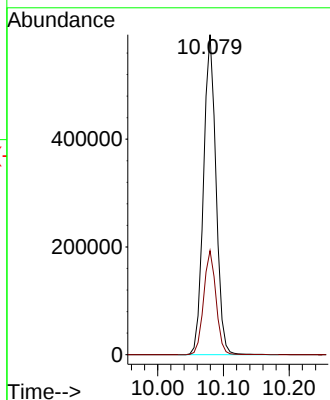
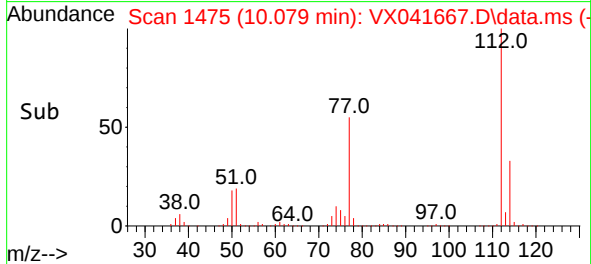
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



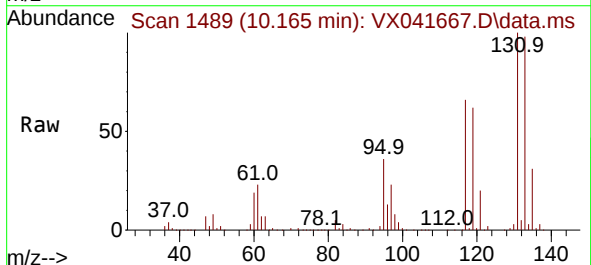
Tgt Ion:112 Resp: 78252
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

Manual Integrations
APPROVED

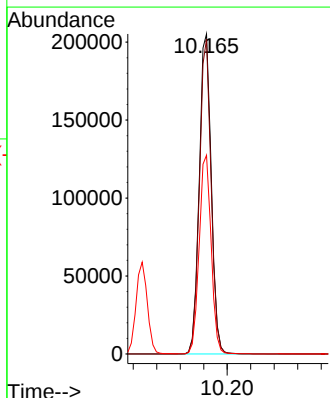
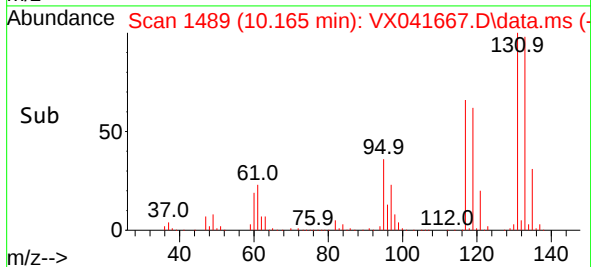
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

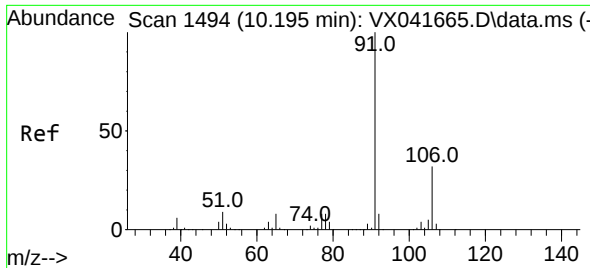


#66
1,1,1,2-Tetrachloroethane
Concen: 158.037 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29



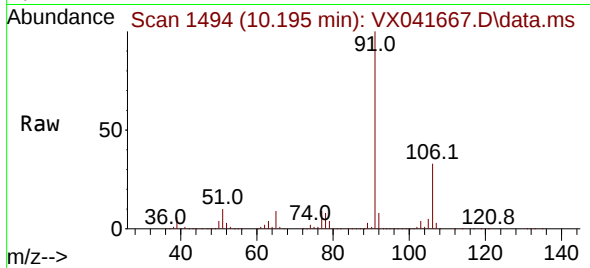
Tgt Ion:131 Resp: 290748
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 62.2 32.2 96.6





#67
Ethyl Benzene
Concen: 152.956 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

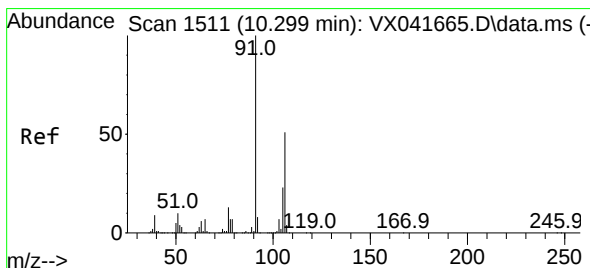
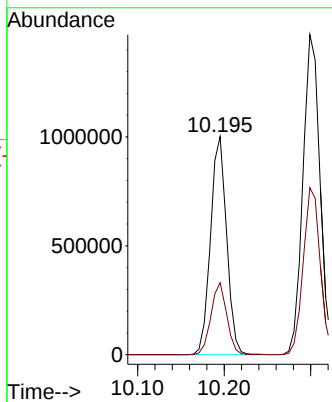
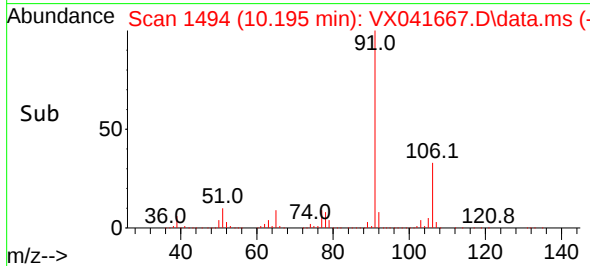
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 1292389
Ion Ratio Lower Upper
91 100
106 33.0 24.9 37.3

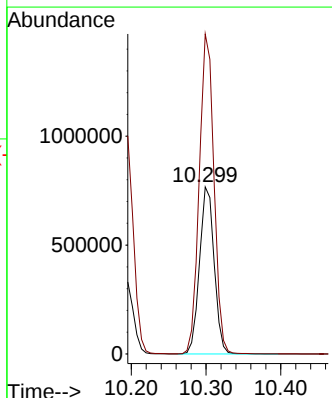
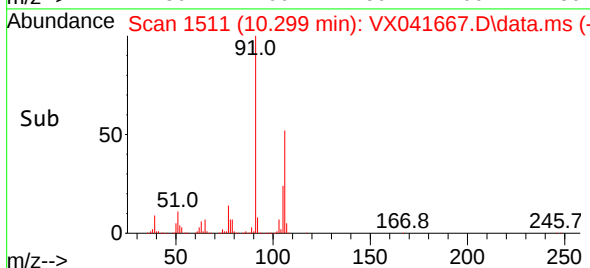
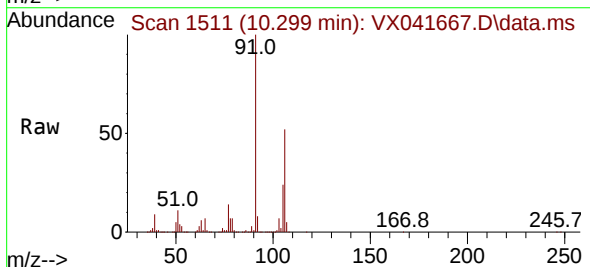
Manual Integrations
APPROVED

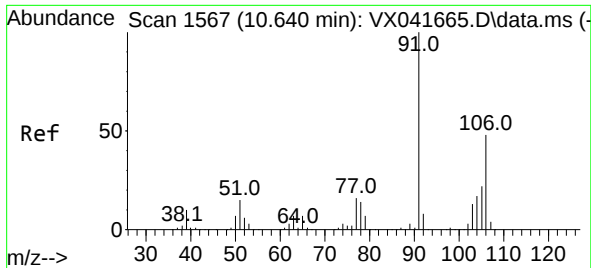
Reviewed By :John Carbone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#68
m/p-Xylenes
Concen: 310.478 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

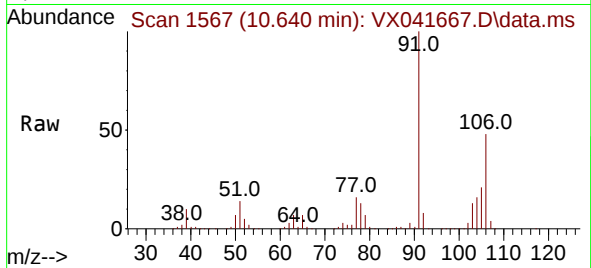
Tgt Ion:106 Resp: 1043631
Ion Ratio Lower Upper
106 100
91 192.6 165.5 248.3





#69
o-Xylene
Concen: 154.410 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

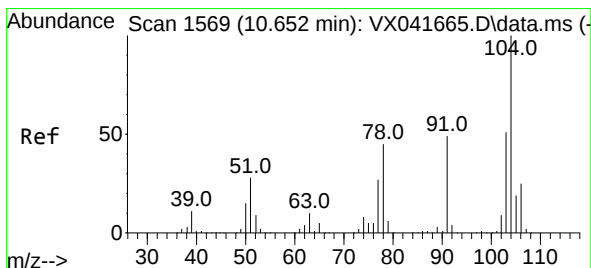
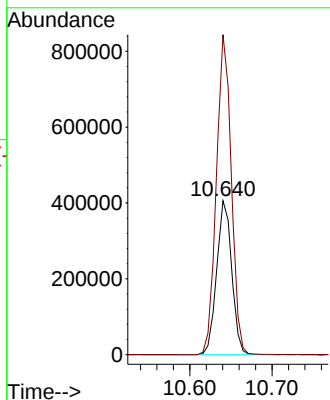
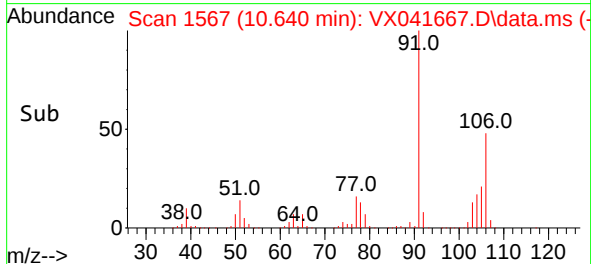
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:106 Resp: 51633
Ion Ratio Lower Upper
106 100
91 206.6 108.9 326.8

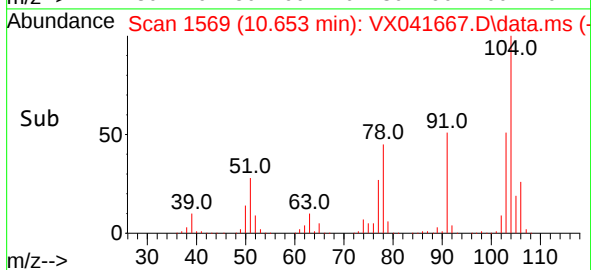
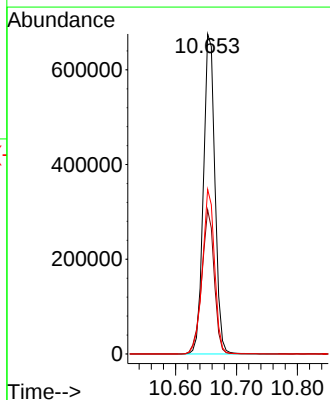
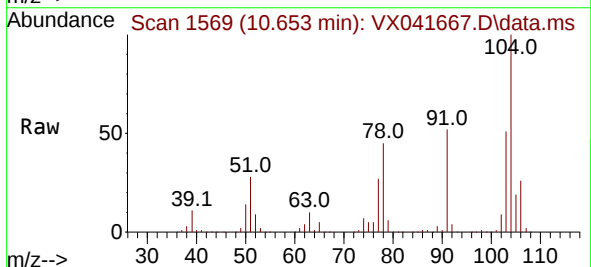
Manual Integrations
APPROVED

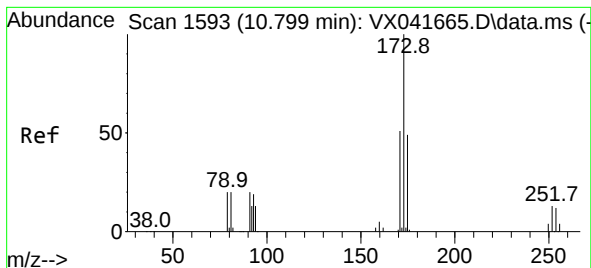
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#70
Styrene
Concen: 161.353 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Tgt Ion:104 Resp: 891171
Ion Ratio Lower Upper
104 100
78 48.5 43.6 65.4
103 54.4 43.6 65.4





#71

Bromoform

Concen: 176.810 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:173 Resp: 28328

Ion Ratio Lower Upper

173 100

175 49.3 24.1 72.4

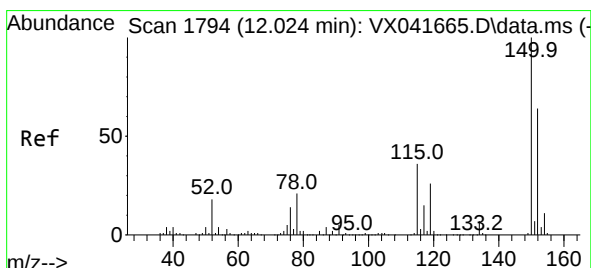
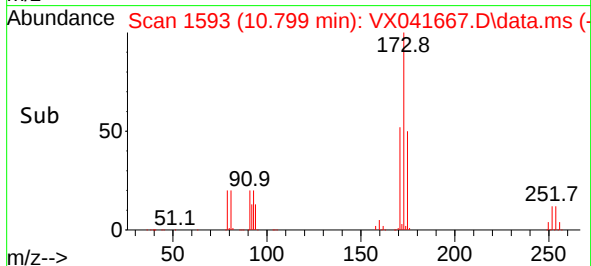
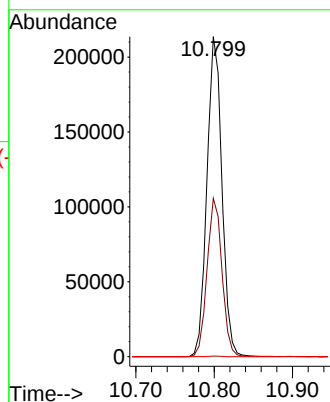
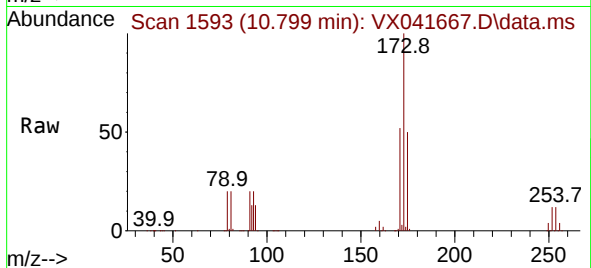
254 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

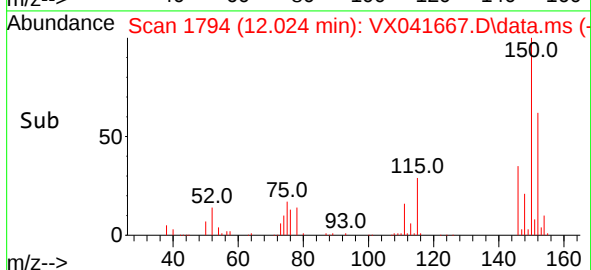
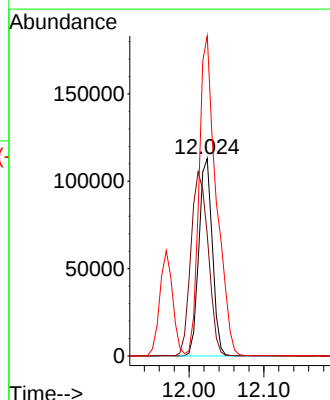
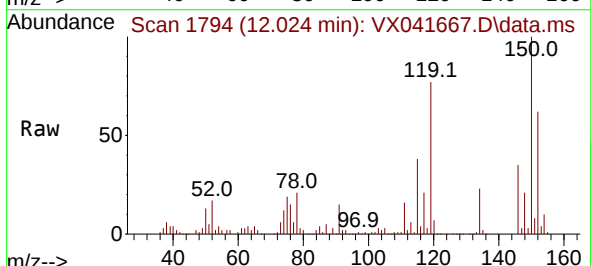
Tgt Ion:152 Resp: 141103

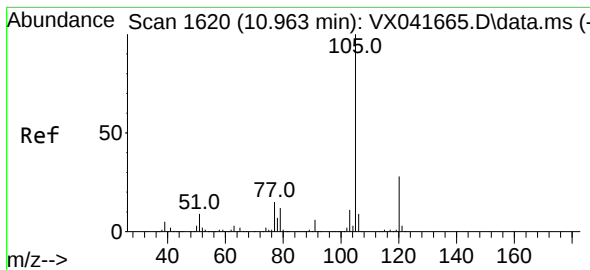
Ion Ratio Lower Upper

152 100

115 120.1 43.3 129.9

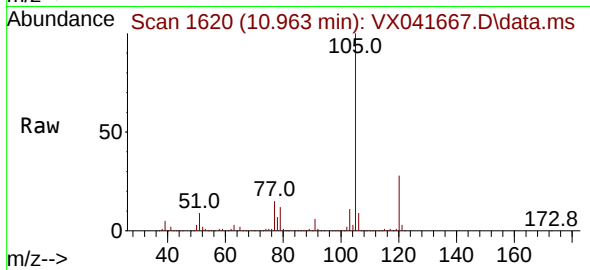
150 207.1 0.0 345.0





#73
Isopropylbenzene
Concen: 149.219 ug/l
RT: 10.963 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

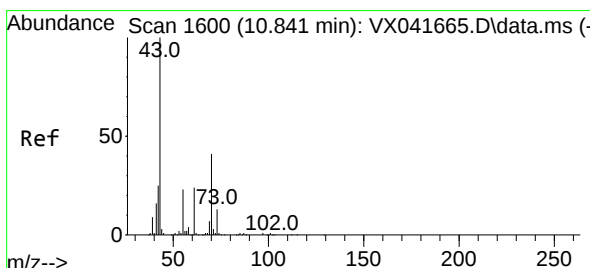
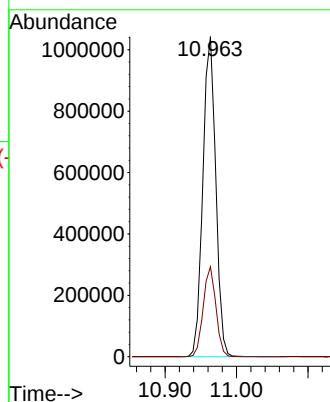
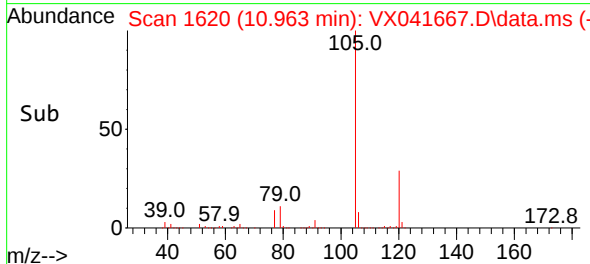
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:105 Resp: 1306064
Ion Ratio Lower Upper
105 100
120 27.6 12.9 38.6

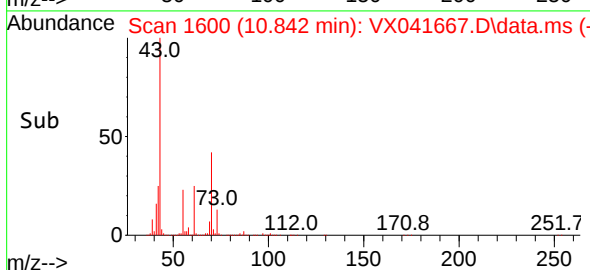
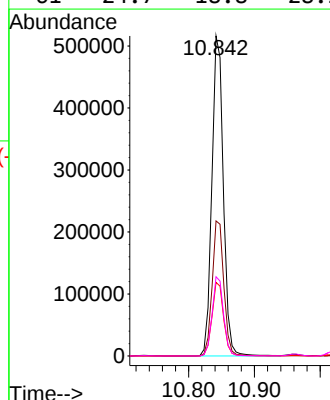
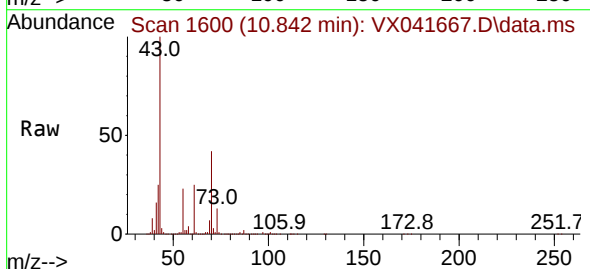
Manual Integrations
APPROVED

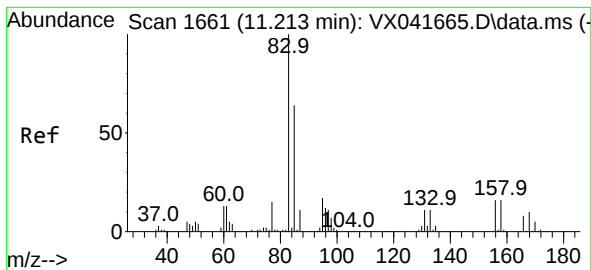
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#74
N-ethyl acetate
Concen: 161.610 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

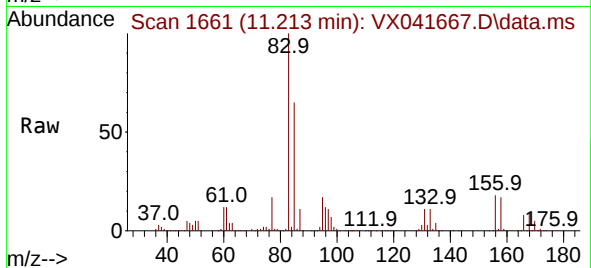
Tgt Ion: 43 Resp: 626597
Ion Ratio Lower Upper
43 100
70 43.0 32.9 49.3
55 23.2 19.3 28.9
61 24.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 140.225 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

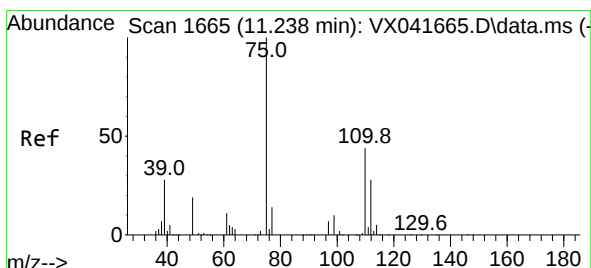
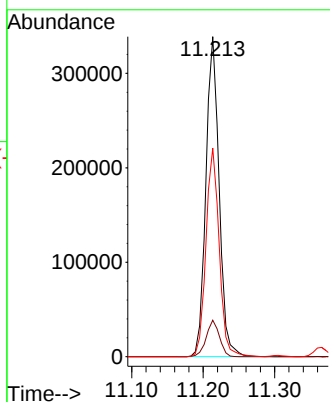
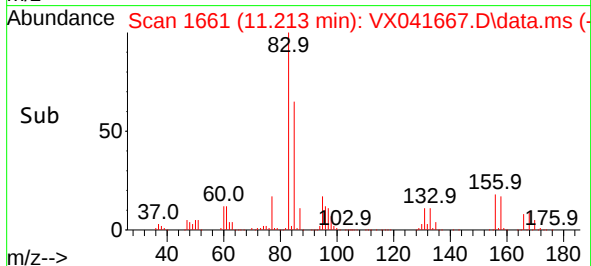
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



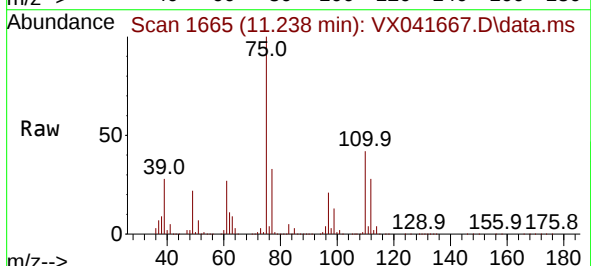
Tgt Ion: 83 Resp: 435560
Ion Ratio Lower Upper
83 100
131 11.3 5.3 15.8
85 65.0 32.0 96.2

Manual Integrations
APPROVED

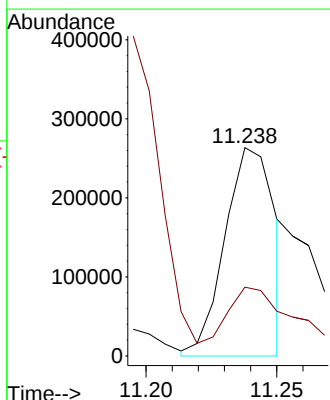
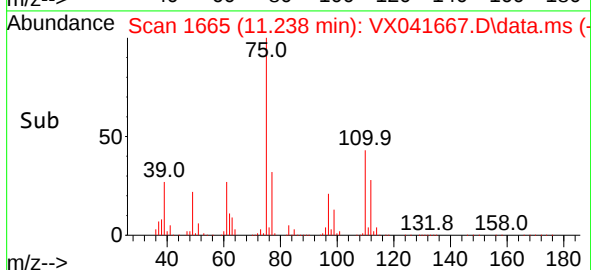
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

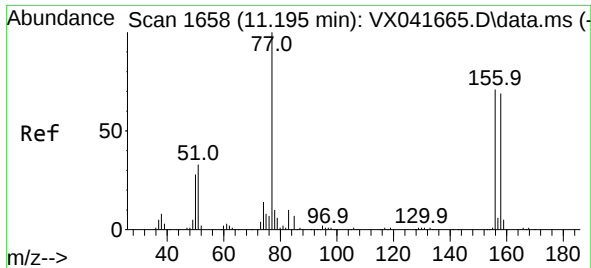


#76
1,2,3-Trichloropropane
Concen: 139.083 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29



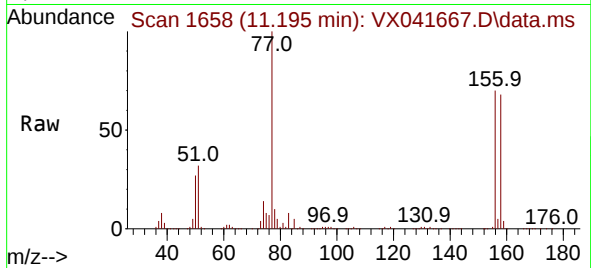
Tgt Ion: 75 Resp: 348760
Ion Ratio Lower Upper
75 100
77 46.2 19.1 57.5





#77
Bromobenzene
Concen: 147.226 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

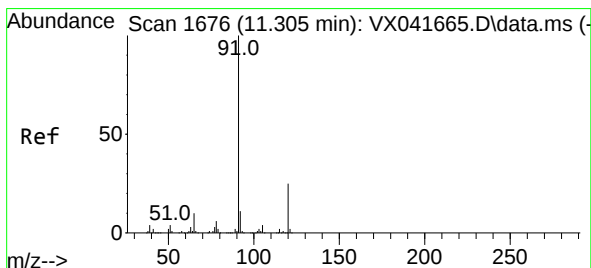
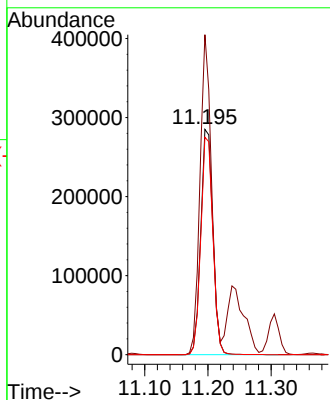
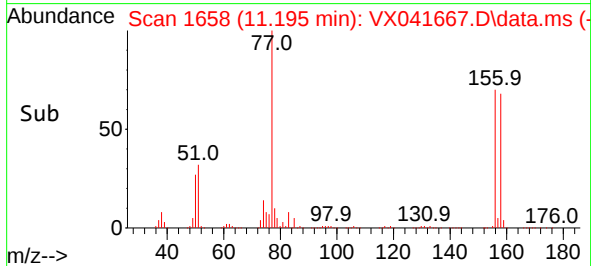
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



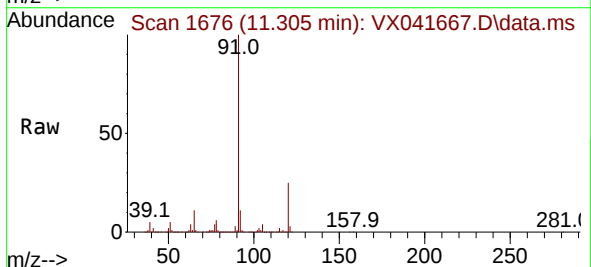
Tgt Ion:156 Resp: 380368
Ion Ratio Lower Upper
156 100
77 133.7 88.4 265.3
158 96.5 48.0 144.0

Manual Integrations
APPROVED

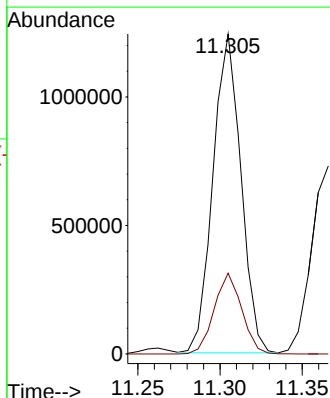
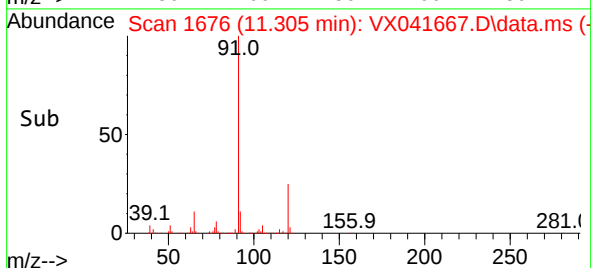
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

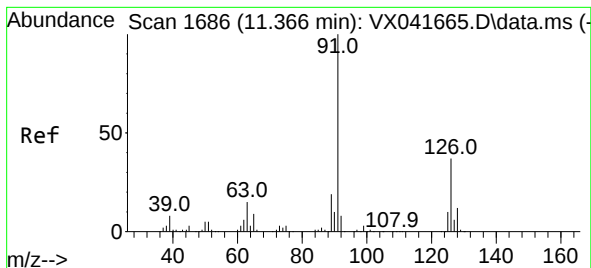


#78
n-propylbenzene
Concen: 152.397 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29



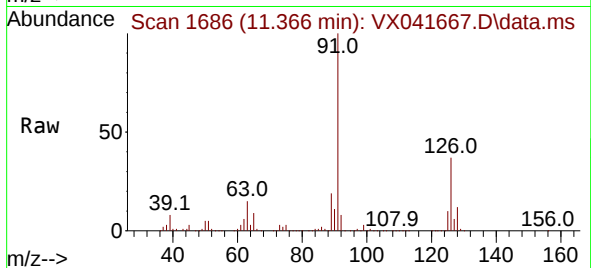
Tgt Ion: 91 Resp: 1464696
Ion Ratio Lower Upper
91 100
120 25.0 11.5 34.4





#79
2-Chlorotoluene
Concen: 144.574 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

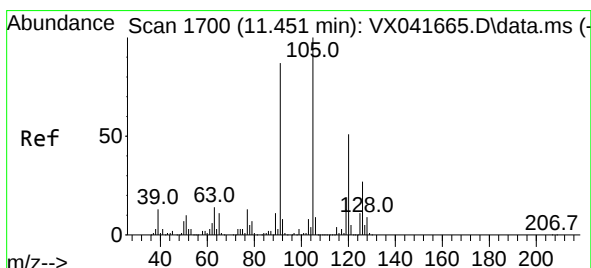
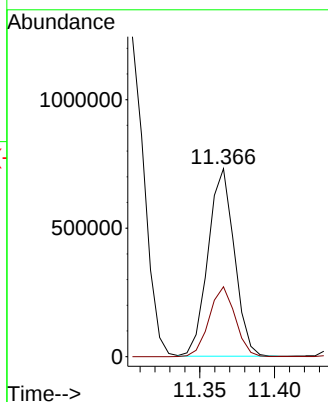
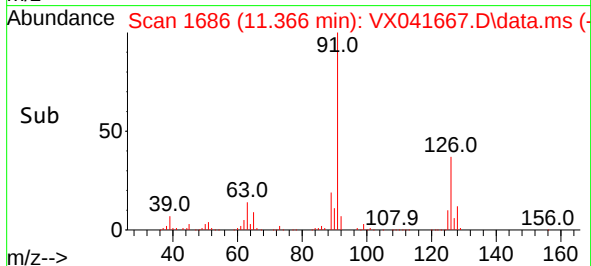
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



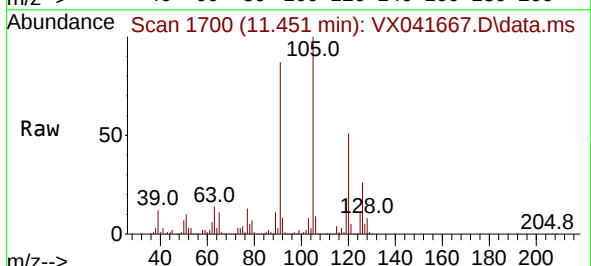
Tgt Ion: 91 Resp: 893099
Ion Ratio Lower Upper
91 100
126 36.8 16.3 48.8

Manual Integrations
APPROVED

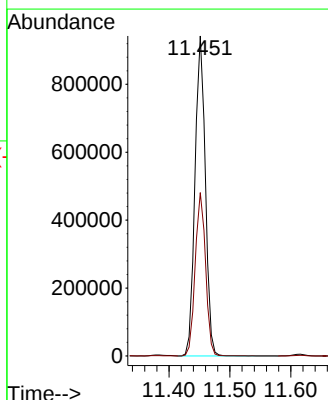
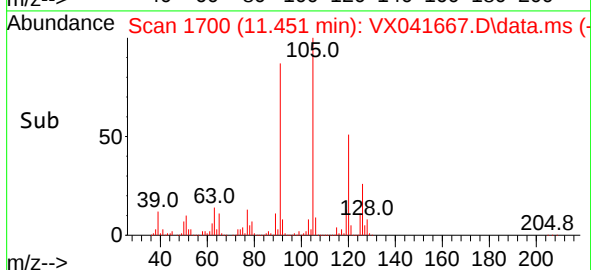
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

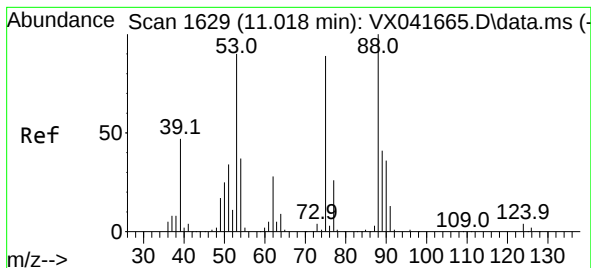


#80
1,3,5-Trimethylbenzene
Concen: 151.701 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29



Tgt Ion:105 Resp: 1108615
Ion Ratio Lower Upper
105 100
120 51.1 24.1 72.3





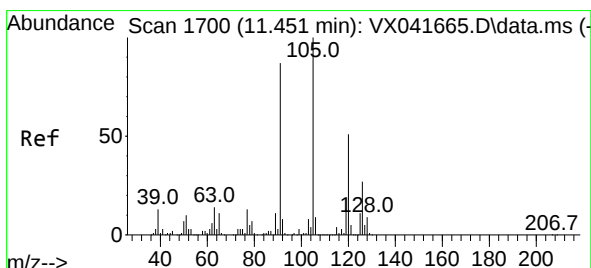
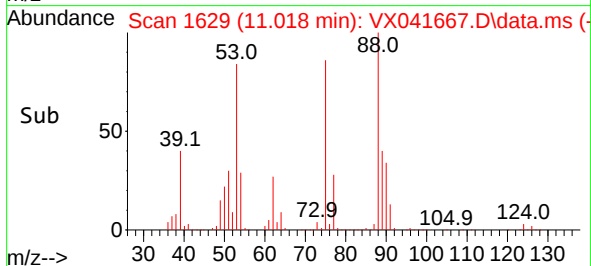
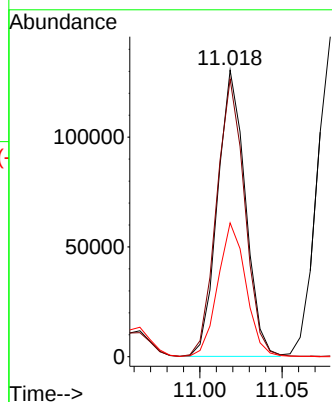
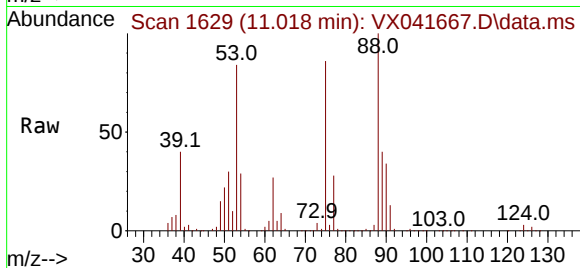
#81
trans-1,4-Dichloro-2-butene
Concen: 169.257 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 15289
Ion Ratio Lower Upper
75 100
53 98.4 90.5 135.7
89 47.4 36.9 55.3

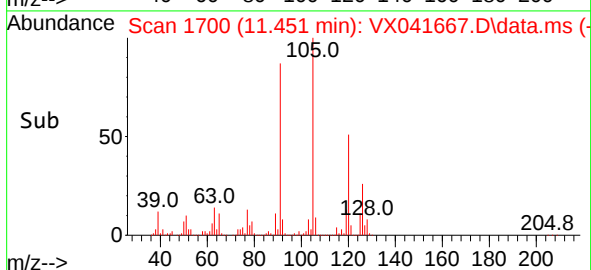
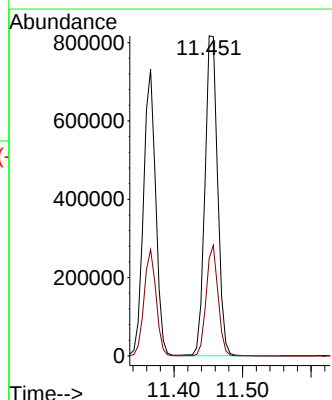
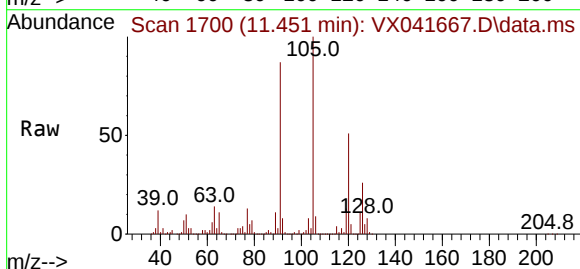
Manual Integrations
APPROVED

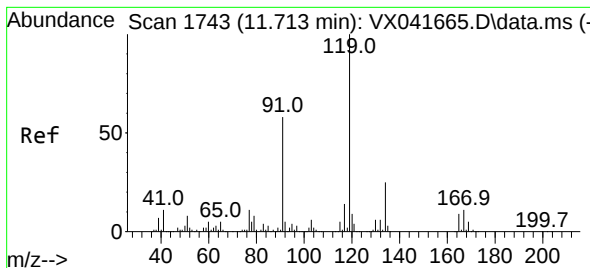
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#82
4-Chlorotoluene
Concen: 149.906 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Tgt Ion: 91 Resp: 1053508
Ion Ratio Lower Upper
91 100
126 32.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 153.829 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:119 Resp: 1210934

Ion Ratio Lower Upper

119 100

91 52.8 31.2 93.6

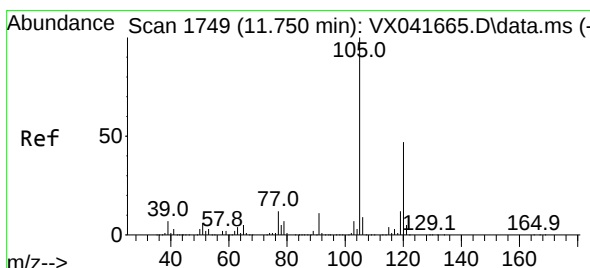
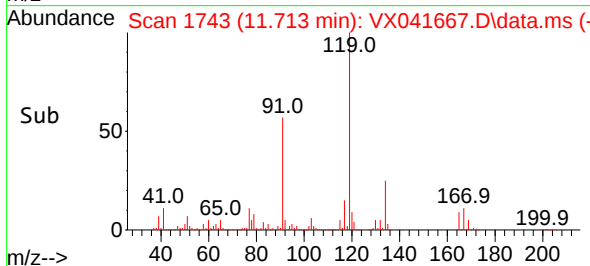
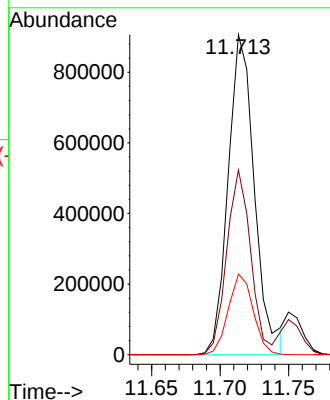
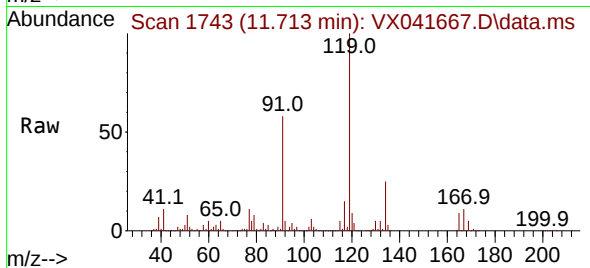
134 23.9 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#84

1,2,4-Trimethylbenzene

Concen: 150.625 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041667.D

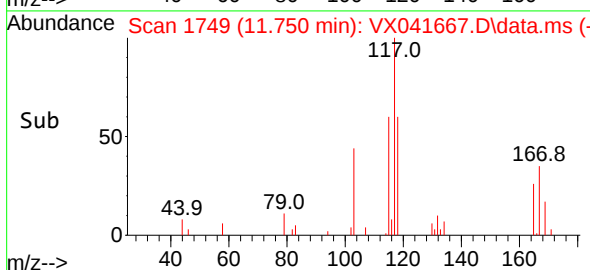
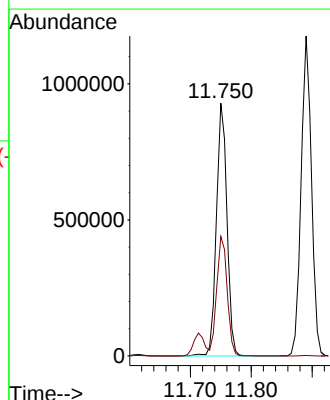
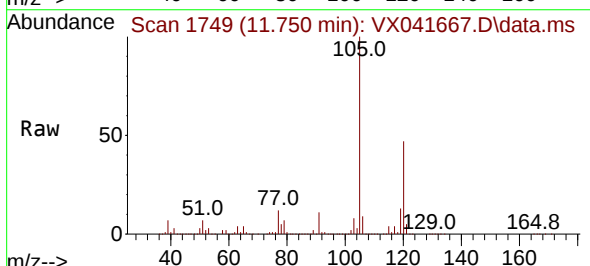
Acq: 29 May 2024 11:29

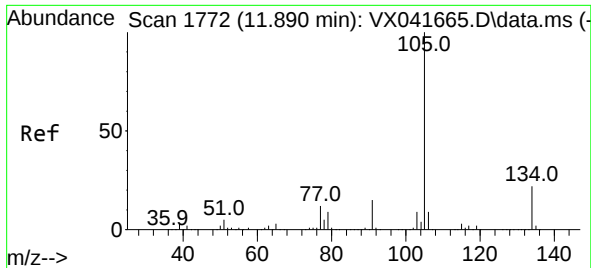
Tgt Ion:105 Resp: 1115256

Ion Ratio Lower Upper

105 100

120 46.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 153.550 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041667.D
 Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

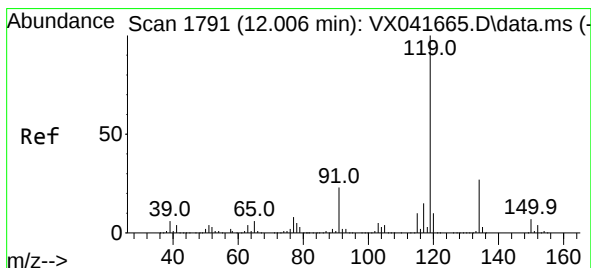
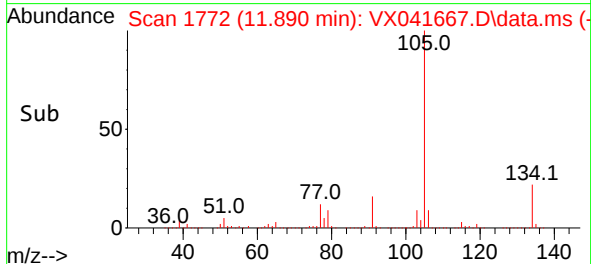
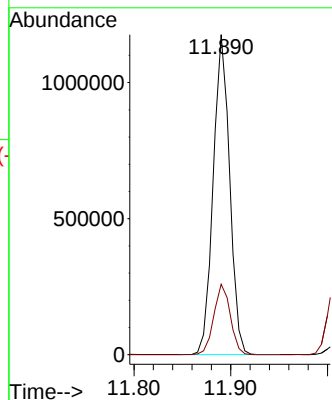
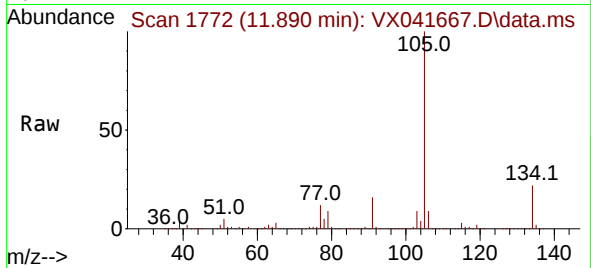
VSTDICC150

Tgt Ion:105 Resp: 1385760
 Ion Ratio Lower Upper
 105 100
 134 22.2 9.8 29.4

Manual Integrations

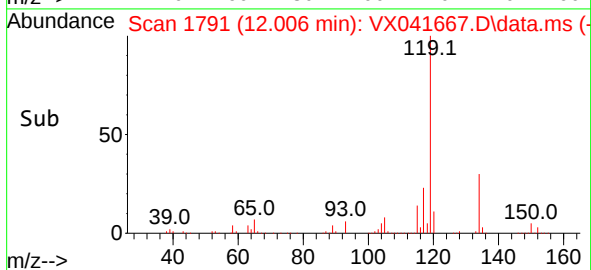
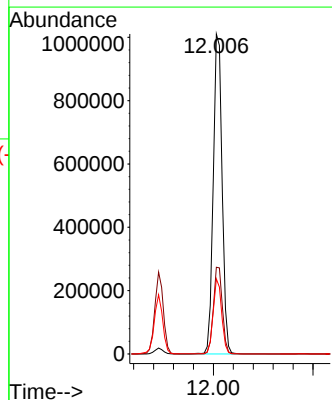
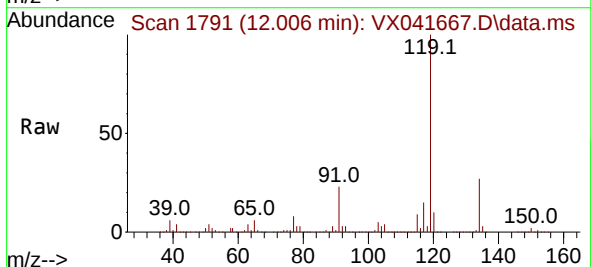
APPROVED

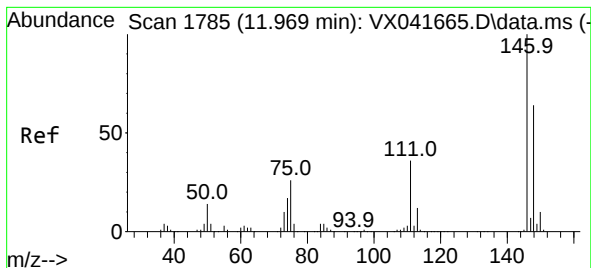
Reviewed By :John Carlone 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024



#86
 p-Isopropyltoluene
 Concen: 157.262 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041667.D
 Acq: 29 May 2024 11:29

Tgt Ion:119 Resp: 1244738
 Ion Ratio Lower Upper
 119 100
 134 27.4 12.8 38.3
 91 22.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 149.069 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 68781

Ion Ratio Lower Upper

146 100

111 37.0 22.1 66.1

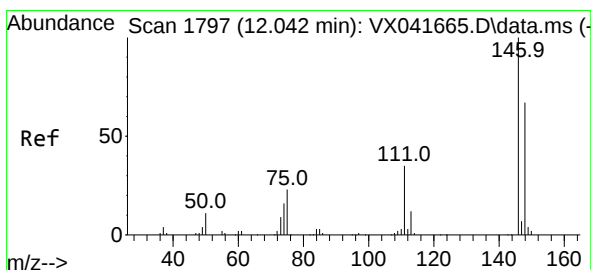
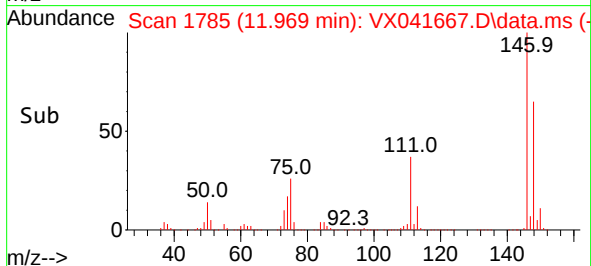
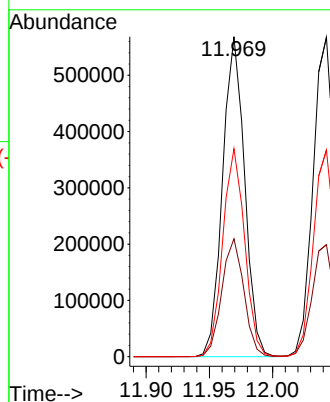
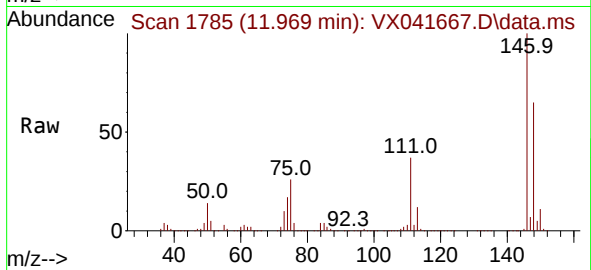
148 64.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#88

1,4-Dichlorobenzene

Concen: 147.034 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

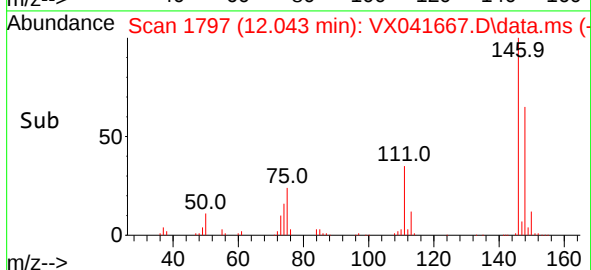
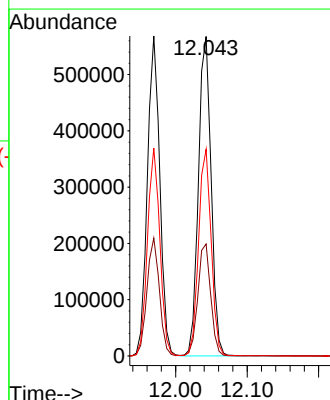
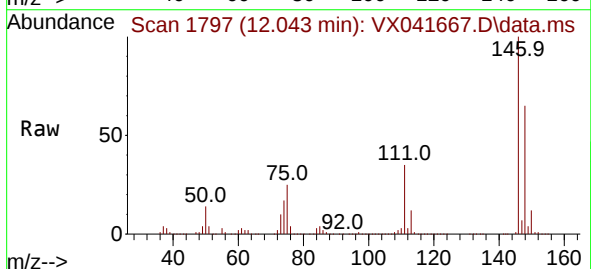
Tgt Ion:146 Resp: 699333

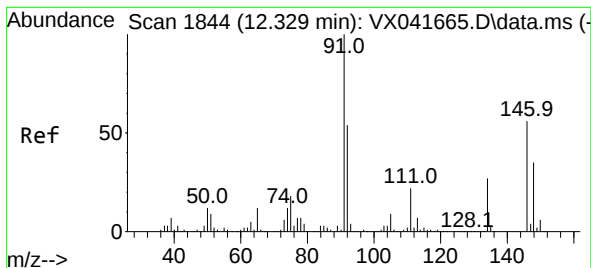
Ion Ratio Lower Upper

146 100

111 35.5 21.3 63.7

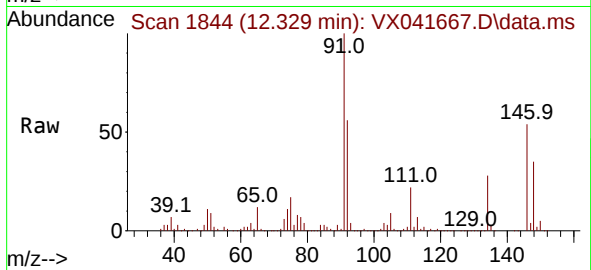
148 64.3 31.8 95.4





#89
n-Butylbenzene
Concen: 166.762 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

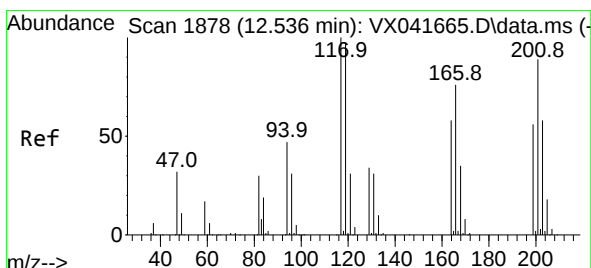
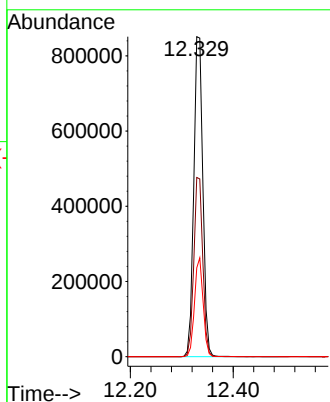
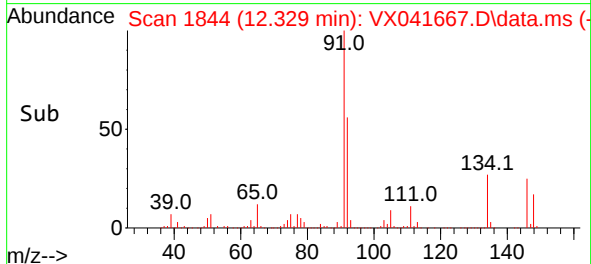
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 104491
Ion Ratio Lower Upper
91 100
92 55.4 27.4 82.0
134 29.3 12.6 37.8

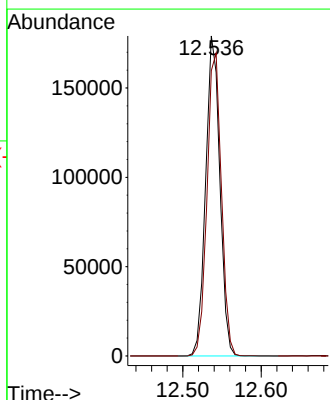
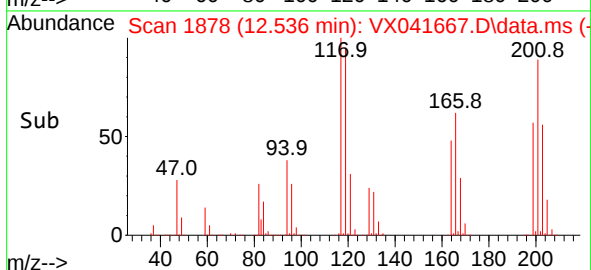
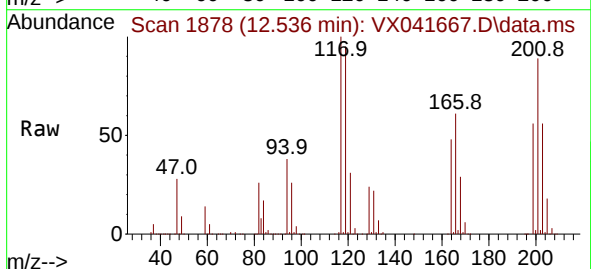
Manual Integrations
APPROVED

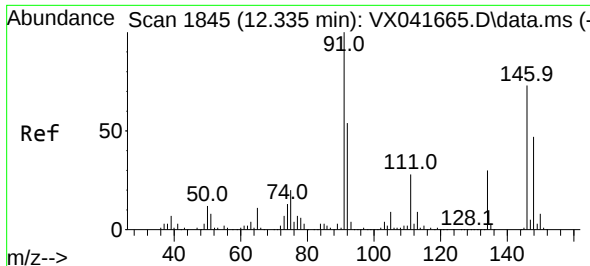
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#90
Hexachloroethane
Concen: 166.752 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Tgt Ion:117 Resp: 224485
Ion Ratio Lower Upper
117 100
201 95.9 32.9 98.6





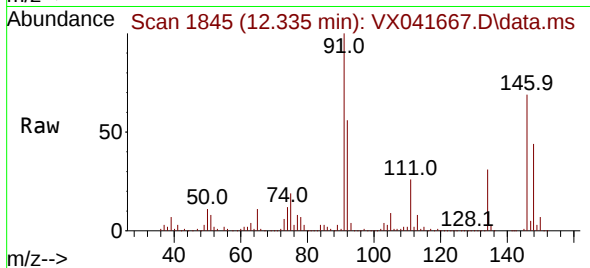
#91
1,2-Dichlorobenzene
Concen: 148.265 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



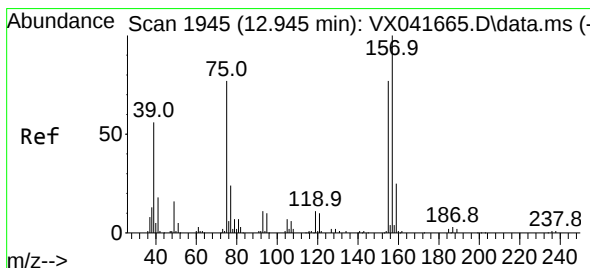
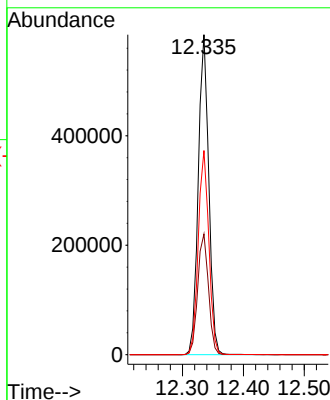
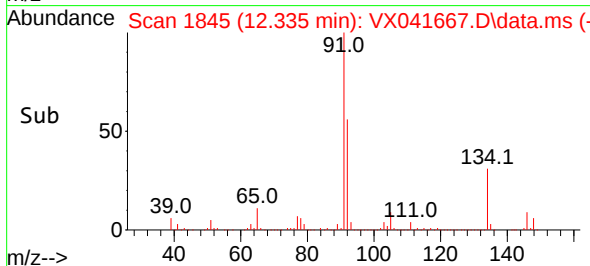
Tgt Ion:146 Resp: 696823
Ion Ratio Lower Upper
146 100
111 38.7 22.4 67.0
148 64.3 31.6 95.0

Manual Integrations

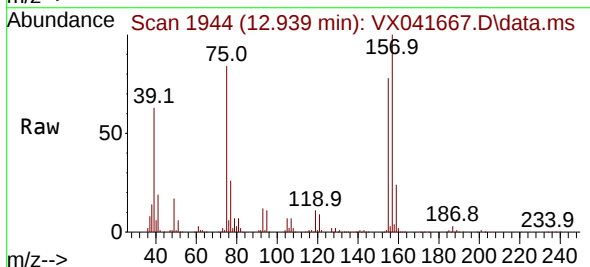
APPROVED

Reviewed By :John Carlone 05/30/2024

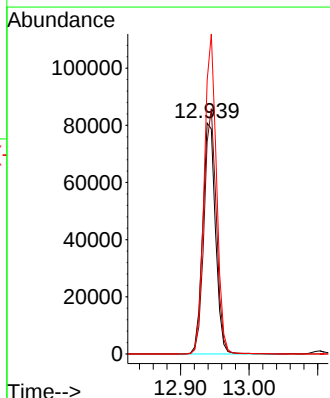
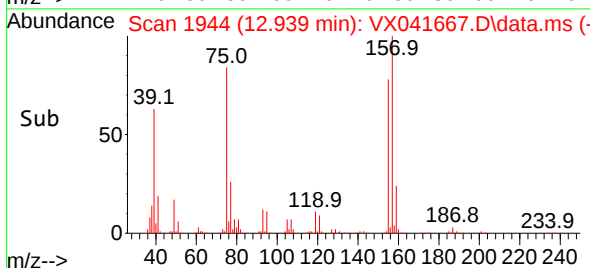
Supervised By :Semsettin Yesilyurt 05/30/2024

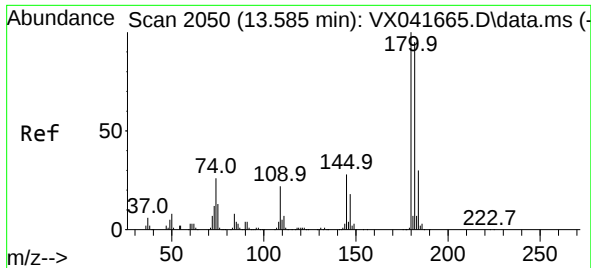


#92
1,2-Dibromo-3-Chloropropane
Concen: 167.618 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29



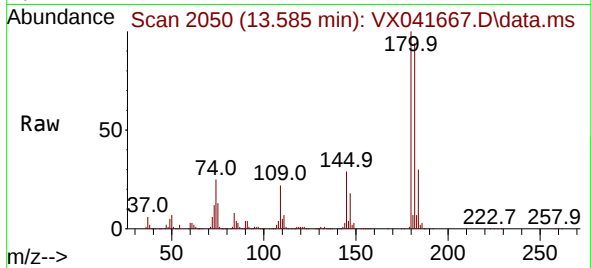
Tgt Ion: 75 Resp: 105183
Ion Ratio Lower Upper
75 100
155 100.9 36.1 108.5
157 132.5 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 167.847 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29

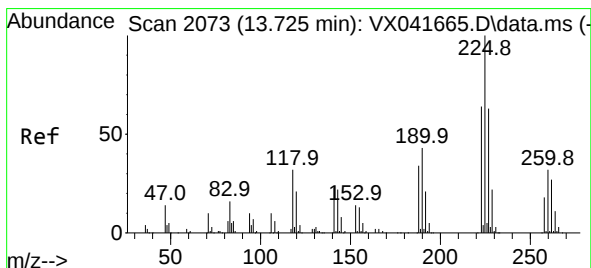
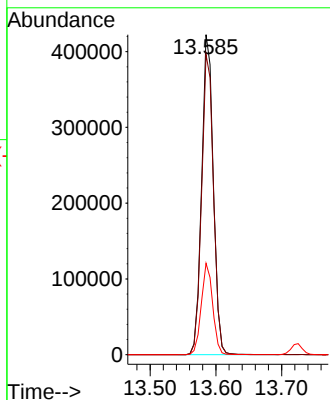
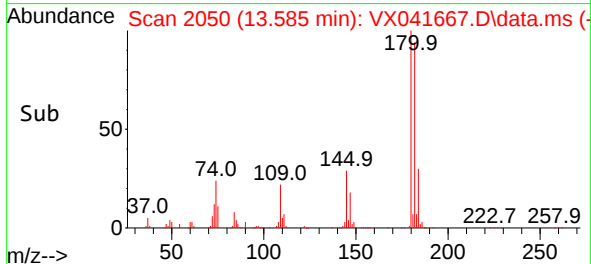
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



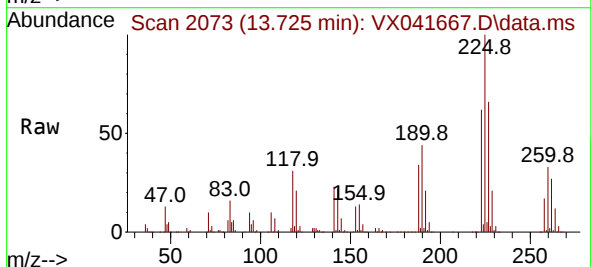
Tgt Ion:180 Resp: 51990
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.8
145 28.0 18.0 54.0

Manual Integrations
APPROVED

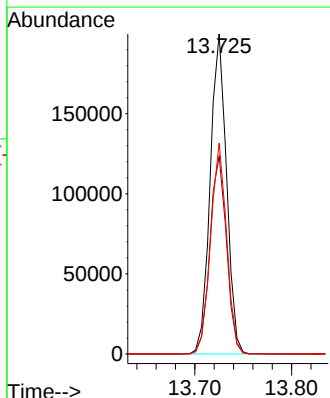
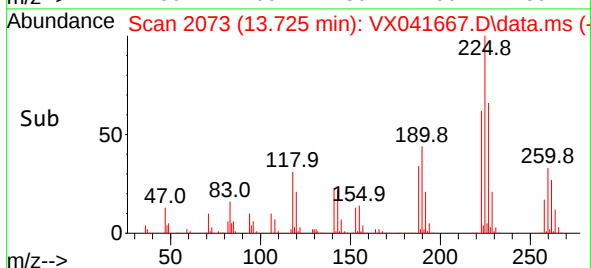
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

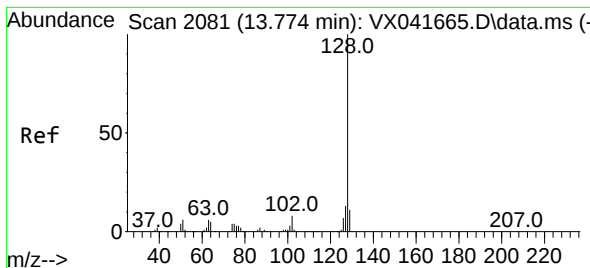


#94
Hexachlorobutadiene
Concen: 152.696 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041667.D
Acq: 29 May 2024 11:29



Tgt Ion:225 Resp: 234327
Ion Ratio Lower Upper
225 100
223 62.8 31.1 93.2
227 64.8 32.5 97.5





#95

Naphthalene

Concen: 165.927 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:128 Resp: 151666

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

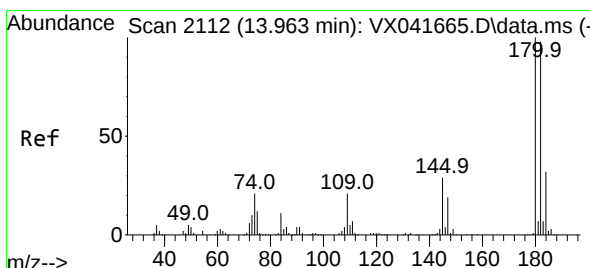
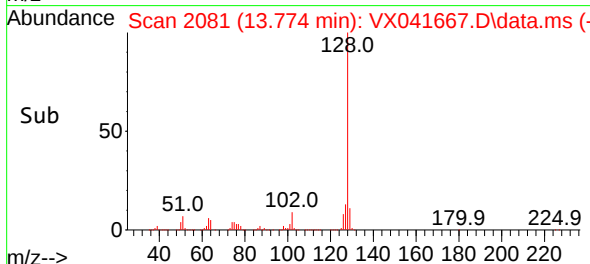
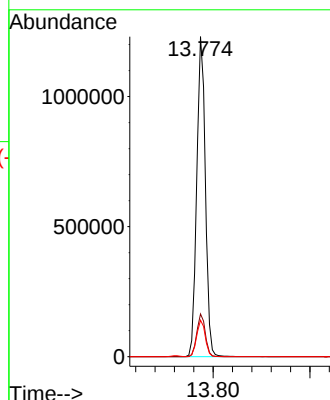
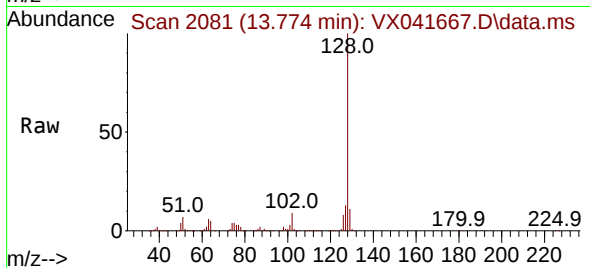
129 11.4 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#96

1,2,3-Trichlorobenzene

Concen: 164.611 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041667.D

Acq: 29 May 2024 11:29

Tgt Ion:180 Resp: 524753

Ion Ratio Lower Upper

180 100

182 96.0 46.9 140.6

145 29.5 17.8 53.5

