

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041912.D
 Acq On : 18 Jun 2024 09:53
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 07:48:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	196415	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	289111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13929	6.150	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	12.300%	#	
35) Dibromofluoromethane	5.391	113	11839	5.771	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.540%	#	
50) Toluene-d8	8.653	98	40766	5.657	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	11.320%	#	
62) 4-Bromofluorobenzene	11.085	95	13329	5.017	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.040%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	8194	5.476	ug/l	97
3) Chloromethane	1.307	50	10497	5.592	ug/l	99
4) Vinyl Chloride	1.374	62	10221	5.432	ug/l	97
5) Bromomethane	1.599	94	4643	4.997	ug/l	91
6) Chloroethane	1.666	64	5561	4.292	ug/l	93
7) Trichlorofluoromethane	1.867	101	14541	5.898	ug/l	97
8) Diethyl Ether	2.136	74	6211	5.367	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	8956	5.273	ug/l #	87
10) Methyl Iodide	2.440	142	11492	5.444	ug/l #	86
11) Tert butyl alcohol	3.001	59	9829	22.867	ug/l #	95
12) 1,1-Dichloroethene	2.306	96	8958	5.288	ug/l #	80
13) Acrolein	2.239	56	12194	25.307	ug/l	97
14) Allyl chloride	2.654	41	14447	5.377	ug/l	90
15) Acrylonitrile	3.074	53	29539	26.310	ug/l	96
16) Acetone	2.392	43	26053	26.196	ug/l #	89
17) Carbon Disulfide	2.501	76	18369	5.318	ug/l	99
18) Methyl Acetate	2.709	43	13526	4.986	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	29072	5.194	ug/l	100
20) Methylene Chloride	2.782	84	11886	5.458	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	8801	5.119	ug/l	89
22) Diisopropyl ether	3.763	45	29531	5.200	ug/l #	85
23) Vinyl Acetate	3.727	43	121680	25.089	ug/l	97
24) 1,1-Dichloroethane	3.605	63	16832	5.293	ug/l	98
25) 2-Butanone	4.580	43	39181	25.323	ug/l	95
26) 2,2-Dichloropropane	4.477	77	11650	5.059	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	10884	5.054	ug/l	85
28) Bromochloromethane	4.897	49	7803	5.728	ug/l #	78
29) Tetrahydrofuran	5.019	42	25200	25.219	ug/l	94
30) Chloroform	5.092	83	17426	5.259	ug/l	99
31) Cyclohexane	5.470	56	14017	5.292	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	14206	5.131	ug/l	97
36) 1,1-Dichloropropene	5.690	75	11181	5.133	ug/l	95
37) Ethyl Acetate	4.733	43	15227	5.366	ug/l	100
38) Carbon Tetrachloride	5.672	117	11936	4.959	ug/l	96
39) Methylcyclohexane	7.379	83	14000	5.082	ug/l	93
40) Benzene	6.037	78	38953	5.302	ug/l	98

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 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

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

Quant Time: Jun 19 07:48:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:27:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	7614	4.950	ug/l	90
42) 1,2-Dichloroethane	6.092	62	12510	5.286	ug/l	94
43) Isopropyl Acetate	6.354	43	21968	5.043	ug/l	97
44) Trichloroethene	7.129	130	10344	5.253	ug/l	82
45) 1,2-Dichloropropane	7.433	63	9304	5.150	ug/l	99
46) Dibromomethane	7.586	93	6743	5.123	ug/l #	76
47) Bromodichloromethane	7.824	83	11598	4.799	ug/l	97
48) Methyl methacrylate	7.702	41	10219	4.916	ug/l	87
49) 1,4-Dioxane	7.677	88	4915	107.509	ug/l #	85
51) 4-Methyl-2-Pentanone	8.580	43	76324	25.438	ug/l	95
52) Toluene	8.720	92	24541	5.246	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	10667	5.088	ug/l	92
54) cis-1,3-Dichloropropene	8.372	75	12611	4.767	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	10297	5.283	ug/l	97
56) Ethyl methacrylate	9.122	69	14462	4.770	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	16622	5.279	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	35102	24.843	ug/l	95
59) 2-Hexanone	9.433	43	57394	24.975	ug/l	95
60) Dibromochloromethane	9.525	129	9813	4.635	ug/l	97
61) 1,2-Dibromoethane	9.610	107	10181	5.037	ug/l	98
64) Tetrachloroethene	9.275	164	10081	5.322	ug/l	91
65) Chlorobenzene	10.079	112	28590	5.284	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	9533	5.032	ug/l	99
67) Ethyl Benzene	10.195	91	42936	5.064	ug/l	95
68) m/p-Xylenes	10.305	106	34842	10.179	ug/l	90
69) o-Xylene	10.640	106	17282	5.100	ug/l	92
70) Styrene	10.659	104	27549	4.848	ug/l	94
71) Bromoform	10.805	173	7438	5.033	ug/l #	97
73) Isopropylbenzene	10.963	105	42575	5.331	ug/l	96
74) N-amyl acetate	10.847	43	17597	4.960	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	16045	5.403	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	12085m	5.068	ug/l	
77) Bromobenzene	11.201	156	12538	5.271	ug/l	79
78) n-propylbenzene	11.305	91	44343	5.117	ug/l	97
79) 2-Chlorotoluene	11.366	91	30030	5.379	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	34779	5.228	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	3304	3.935	ug/l	96
82) 4-Chlorotoluene	11.457	91	31357	5.081	ug/l	91
83) tert-Butylbenzene	11.713	119	38124	5.223	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	34739	5.205	ug/l	93
85) sec-Butylbenzene	11.890	105	43319	5.247	ug/l	96
86) p-Isopropyltoluene	12.012	119	36000	4.992	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	21432	5.126	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	22620	5.286	ug/l	99
89) n-Butylbenzene	12.335	91	25856	4.658	ug/l	96
90) Hexachloroethane	12.536	117	6008	4.893	ug/l	64
91) 1,2-Dichlorobenzene	12.335	146	22755	5.319	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2757	4.685	ug/l #	49
93) 1,2,4-Trichlorobenzene	13.591	180	13284	4.740	ug/l	95
94) Hexachlorobutadiene	13.725	225	7157	5.050	ug/l	96
95) Naphthalene	13.774	128	40305	4.964	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	14136	4.783	ug/l	94

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

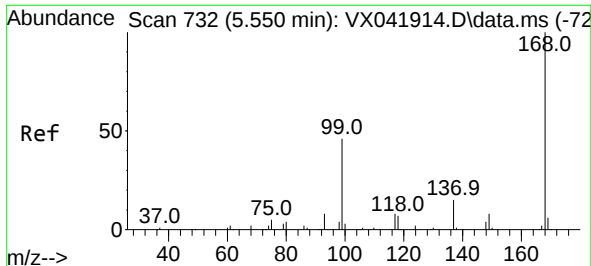
Manual Integrations
APPROVED

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

Quant Time: Jun 19 07:48:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 19 07:27:13 2024
Response via : Initial Calibration

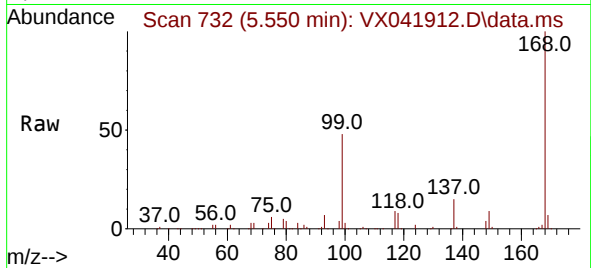
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041912.D
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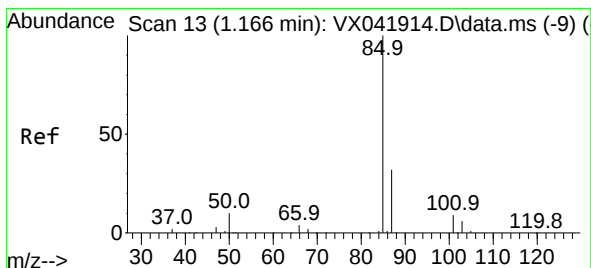
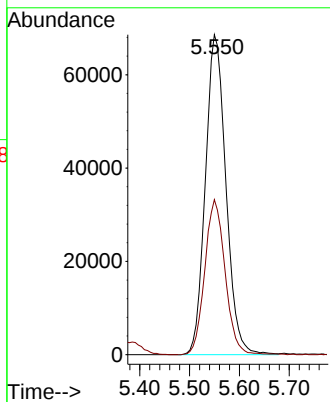
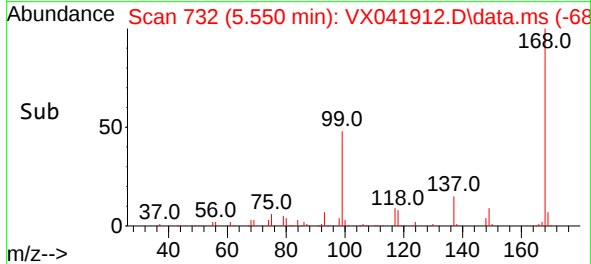
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 196415
Ion Ratio Lower Upper
168 100
99 48.5 56.6 85.0

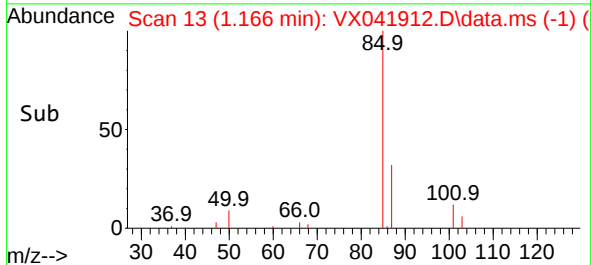
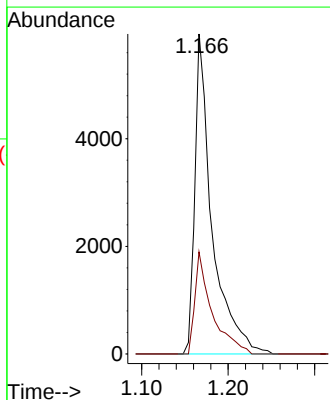
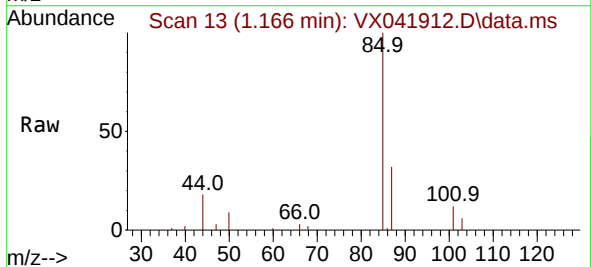
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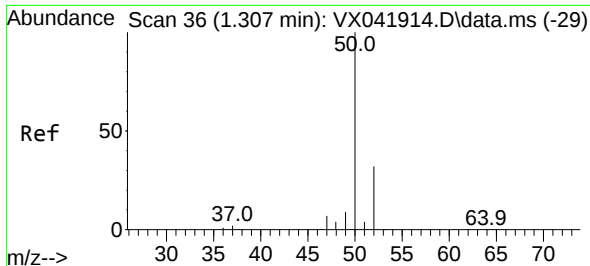
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#2
Dichlorodifluoromethane
Concen: 5.476 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Tgt Ion: 85 Resp: 8194
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





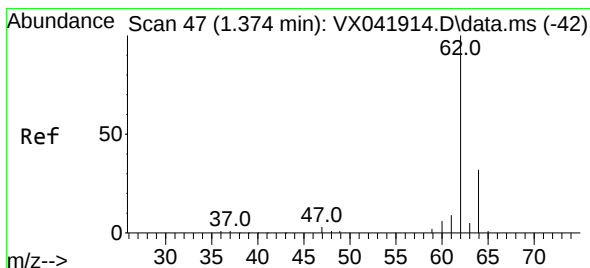
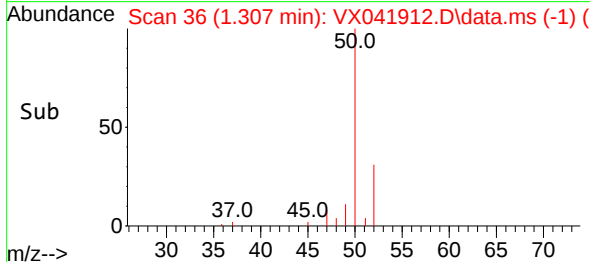
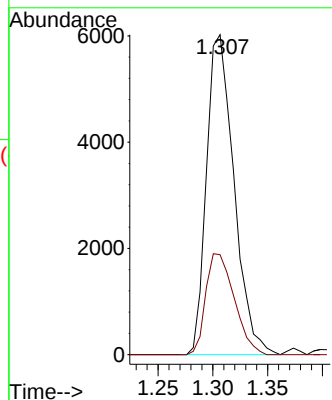
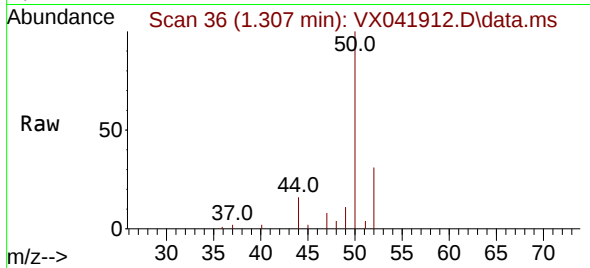
#3
Chloromethane
Concen: 5.592 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 1049
Ion Ratio Lower Upper
50 100
52 31.3 25.5 38.3

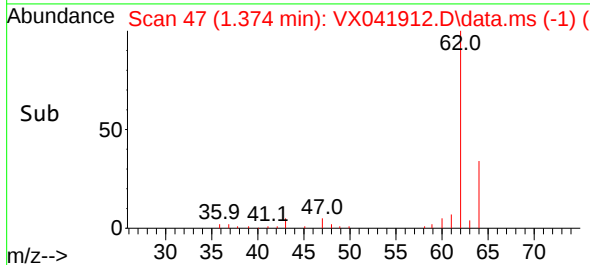
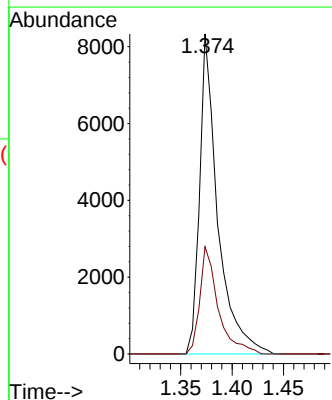
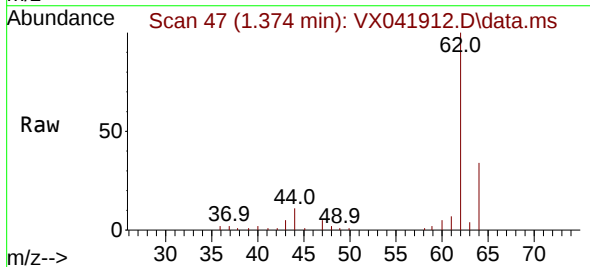
Manual Integrations
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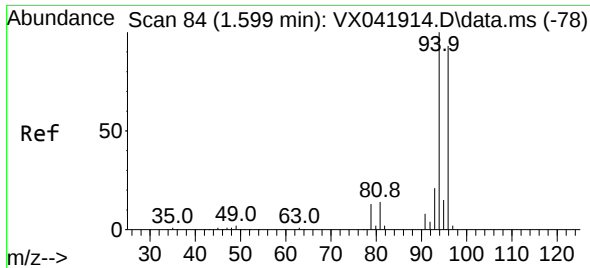
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#4
Vinyl Chloride
Concen: 5.432 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

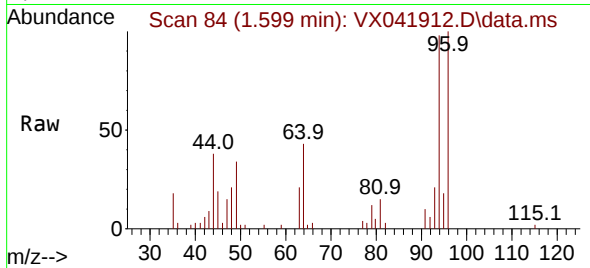
Tgt Ion: 62 Resp: 10221
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.0





#5
Bromomethane
Concen: 4.997 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

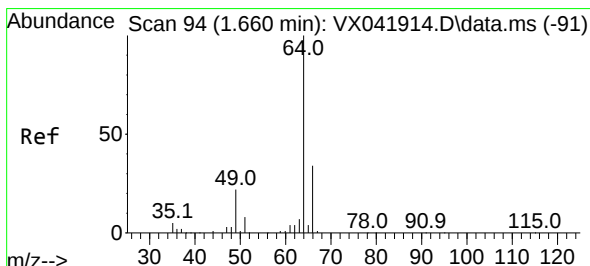
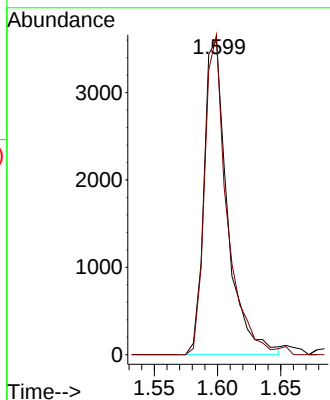
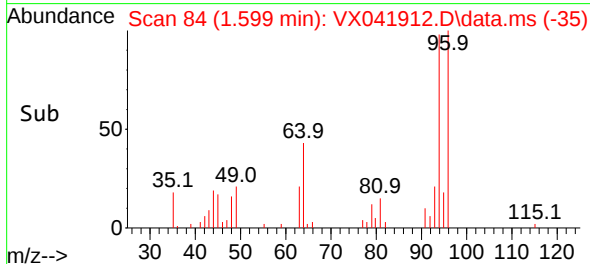
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 464
Ion Ratio Lower Upper
94 100
96 101.7 74.6 111.8

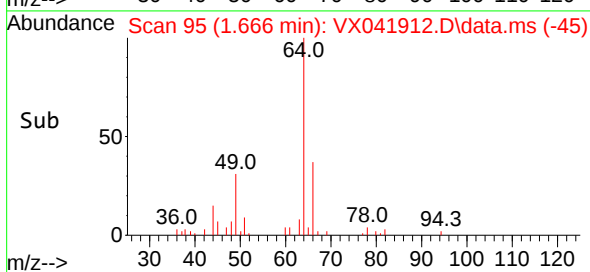
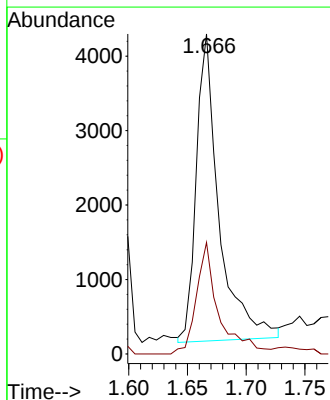
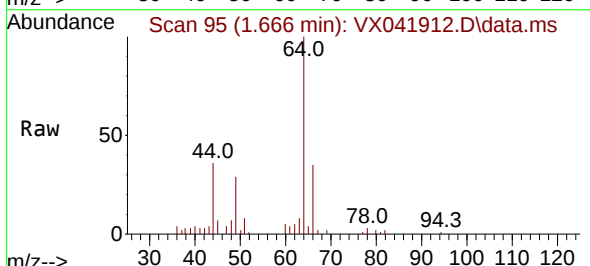
Manual Integrations
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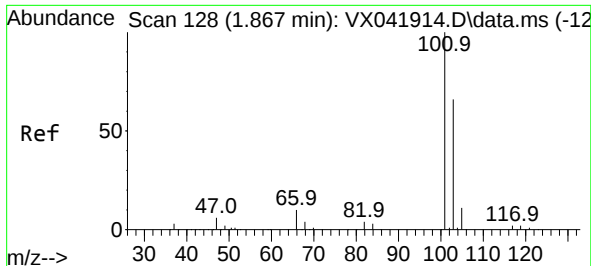
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#6
Chloroethane
Concen: 4.292 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

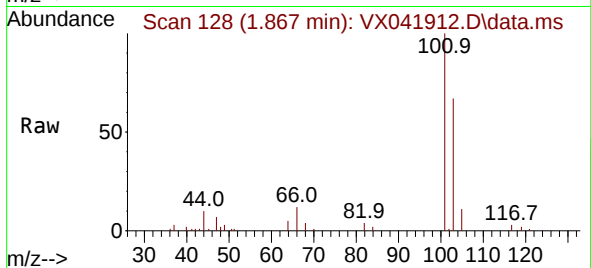
Tgt Ion: 64 Resp: 5561
Ion Ratio Lower Upper
64 100
66 35.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 5.898 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

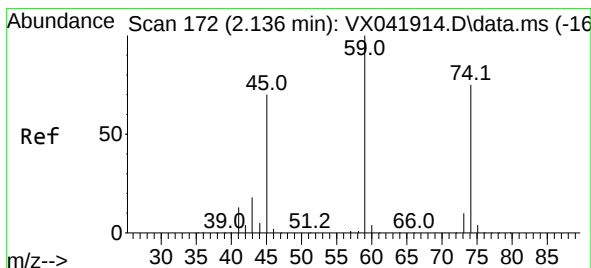
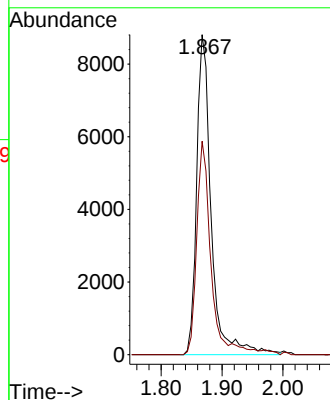
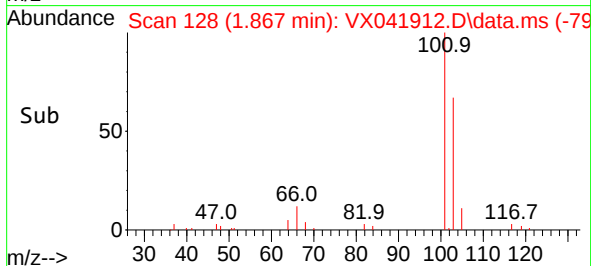
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:101 Resp: 1454
Ion Ratio Lower Upper
101 100
103 66.7 51.4 77.2

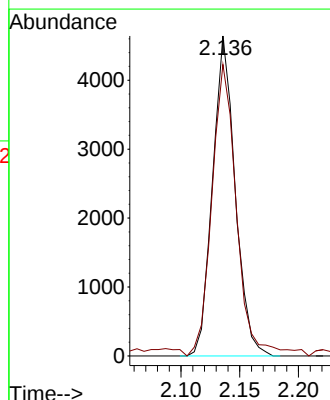
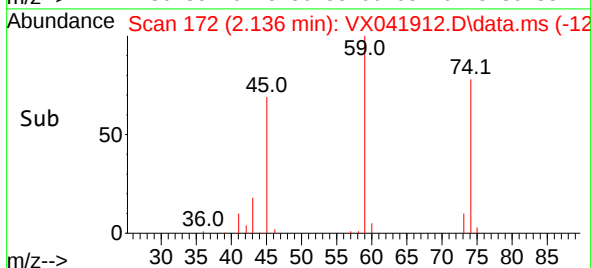
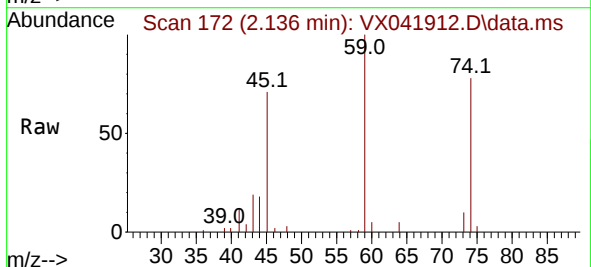
Manual Integrations
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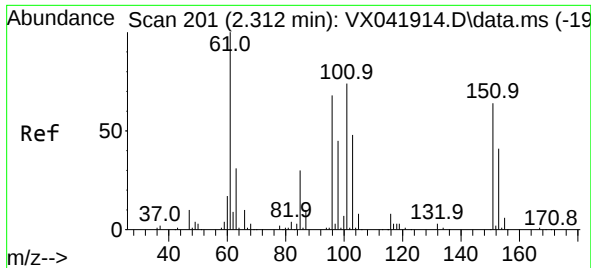
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#8
Diethyl Ether
Concen: 5.367 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

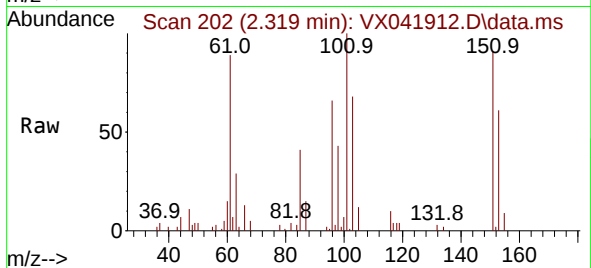
Tgt Ion: 74 Resp: 6211
Ion Ratio Lower Upper
74 100
45 99.6 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.273 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX041912.D
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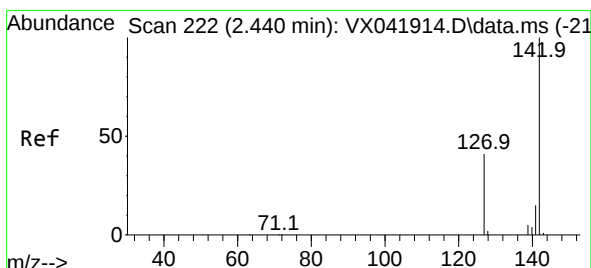
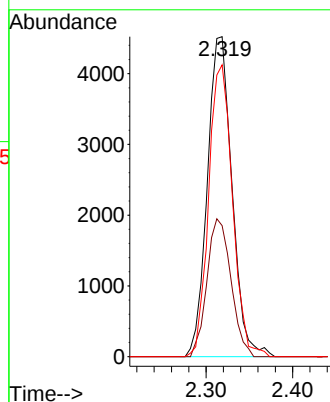
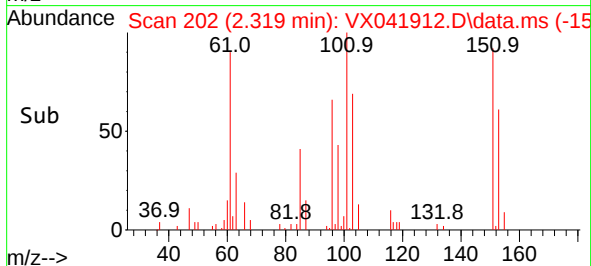
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



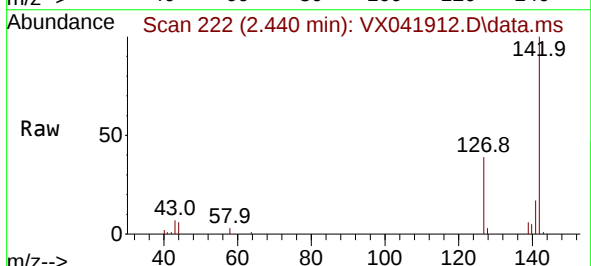
Tgt Ion:101 Resp: 8950
Ion Ratio Lower Upper
101 100
85 41.9 37.0 55.6
151 88.1 58.6 87.8

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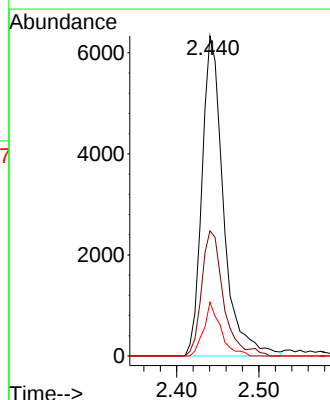
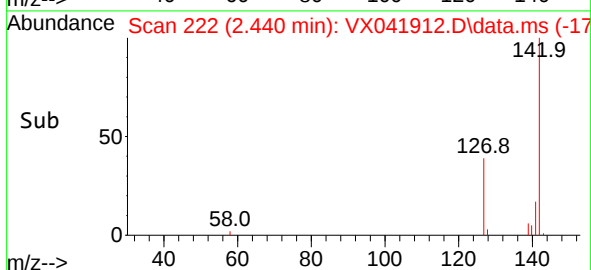
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

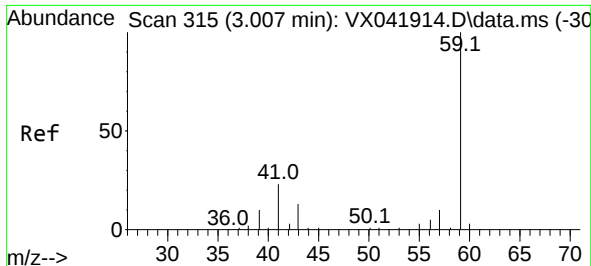


#10
Methyl Iodide
Concen: 5.444 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53



Tgt Ion:142 Resp: 11492
Ion Ratio Lower Upper
142 100
127 39.7 41.6 62.4#
141 13.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 22.867 ug/l

RT: 3.001 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 9829

Ion Ratio Lower Upper

59 100

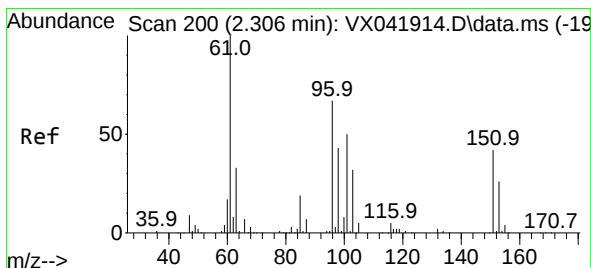
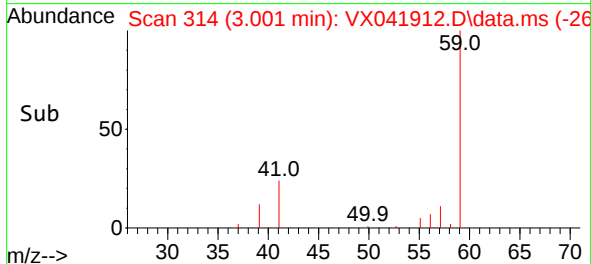
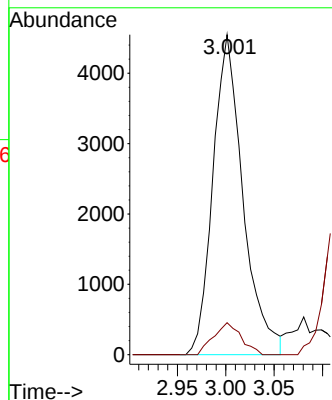
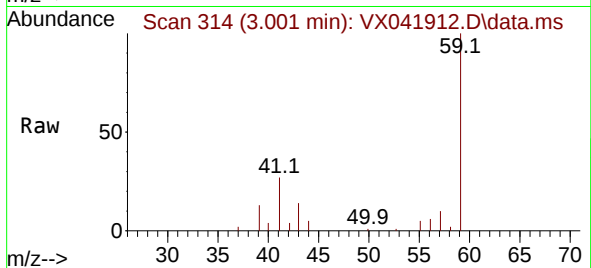
57 9.2 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#12

1,1-Dichloroethene

Concen: 5.288 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

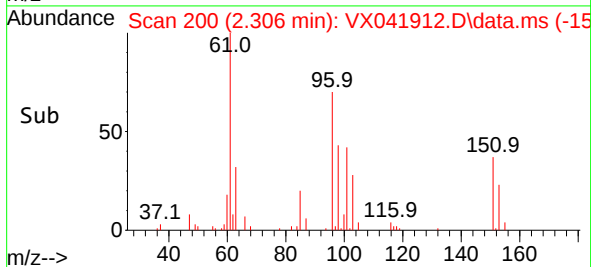
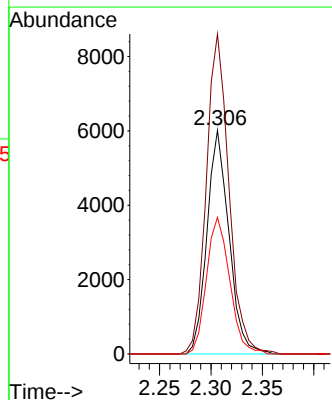
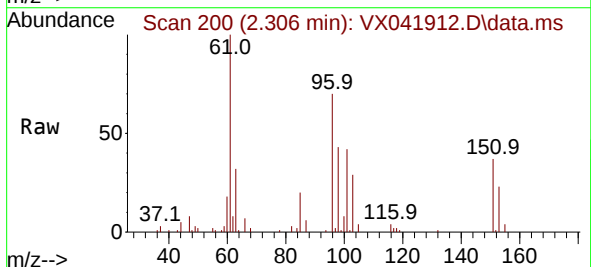
Tgt Ion: 96 Resp: 8958

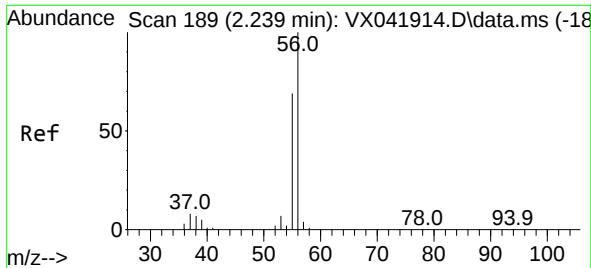
Ion Ratio Lower Upper

96 100

61 143.1 144.6 216.8#

98 61.1 50.4 75.6





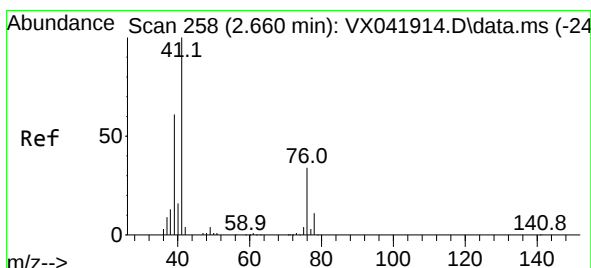
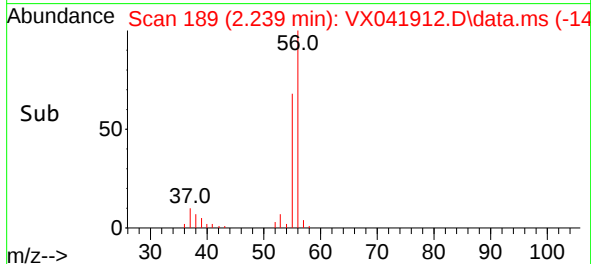
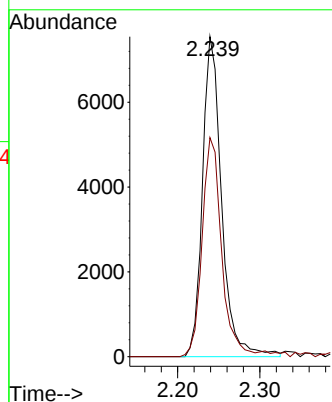
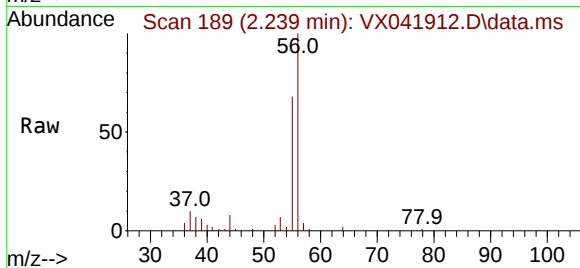
#13
Acrolein
Concen: 25.307 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument : MSVOA_X
ClientSampleId : VSTDIC005

Tgt Ion: 56 Resp: 12194
Ion Ratio Lower Upper
56 100
55 69.3 57.1 85.7

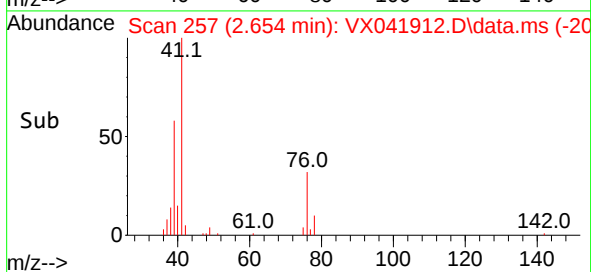
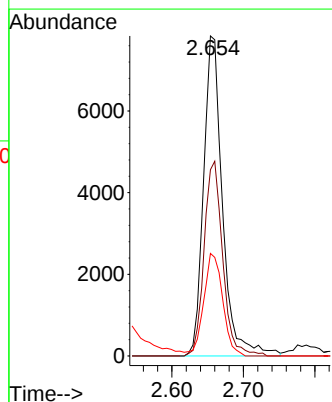
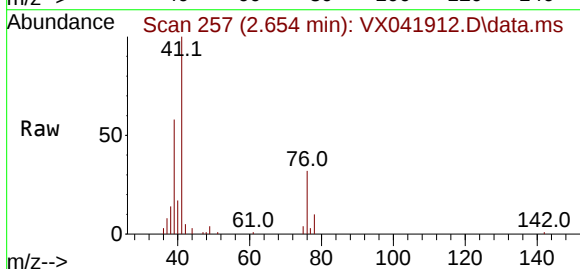
Manual Integrations
APPROVED

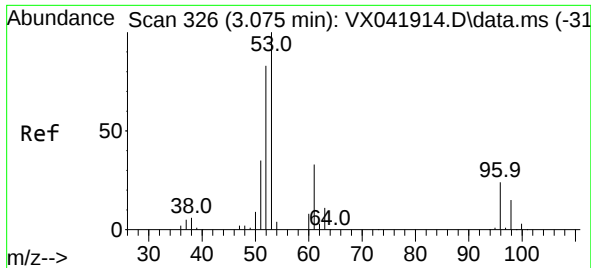
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#14
Allyl chloride
Concen: 5.377 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

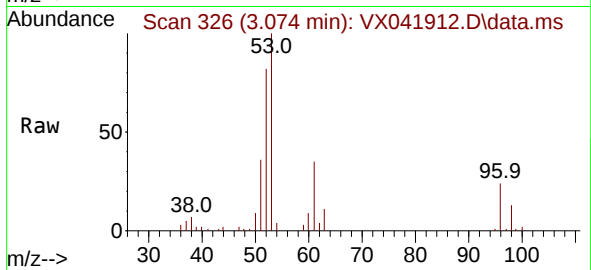
Tgt Ion: 41 Resp: 14447
Ion Ratio Lower Upper
41 100
39 59.6 55.8 83.6
76 32.1 24.3 36.5





#15
Acrylonitrile
Concen: 26.310 ug/l
RT: 3.074 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

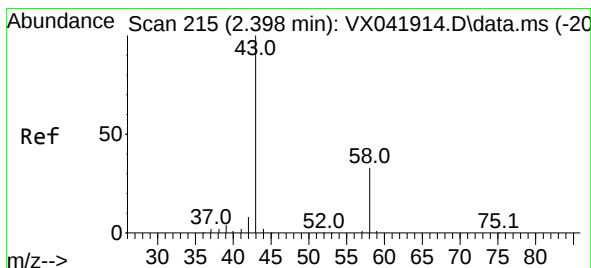
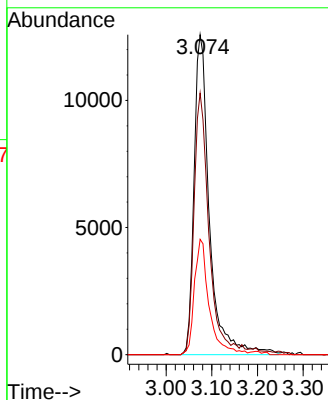
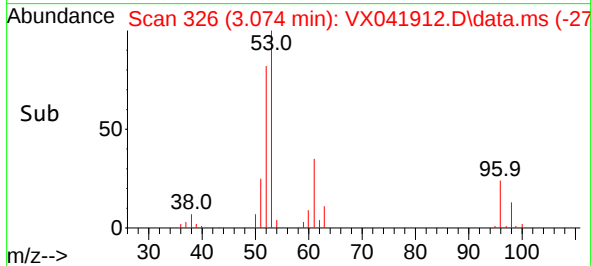
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 53 Resp: 29539
Ion Ratio Lower Upper
53 100
52 79.4 66.0 99.0
51 34.7 29.8 44.6

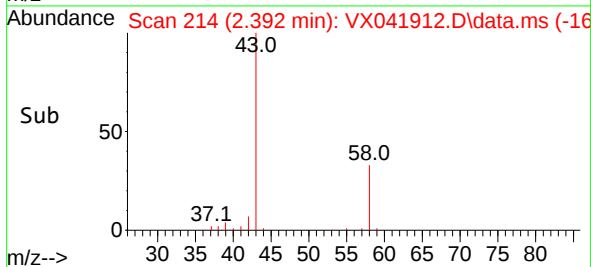
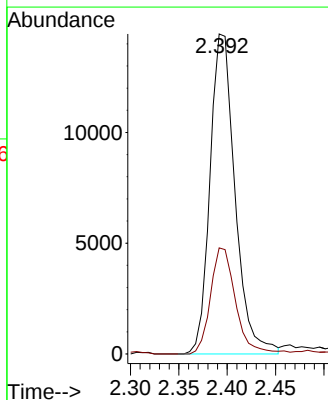
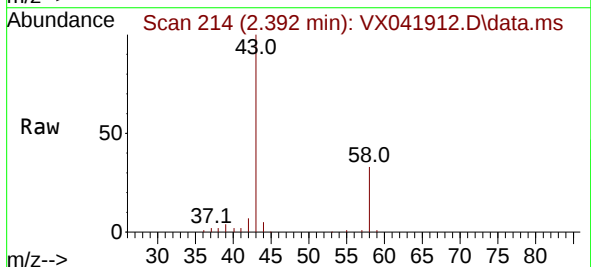
Manual Integrations
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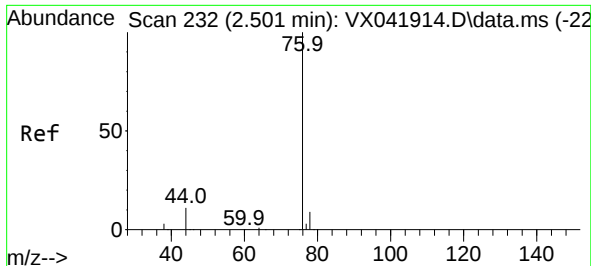
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#16
Acetone
Concen: 26.196 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Tgt Ion: 43 Resp: 26053
Ion Ratio Lower Upper
43 100
58 33.2 21.9 32.9#





#17

Carbon Disulfide

Concen: 5.318 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 18369

Ion Ratio Lower Upper

76 100

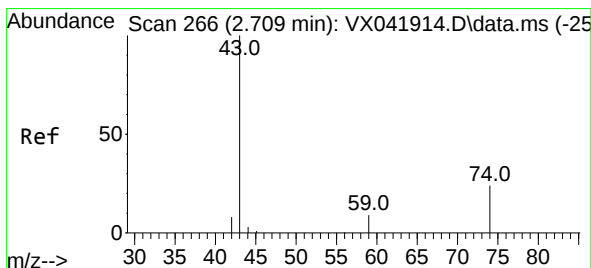
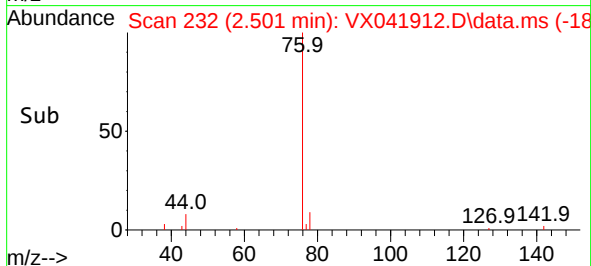
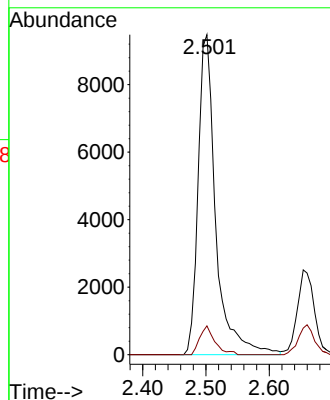
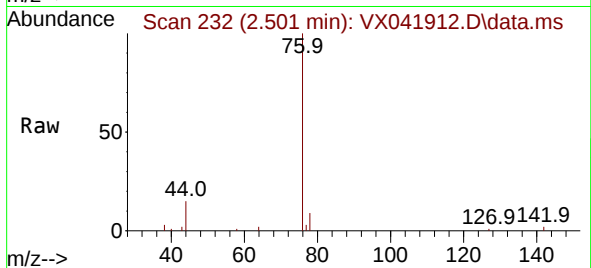
78 9.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#18

Methyl Acetate

Concen: 4.986 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX041912.D

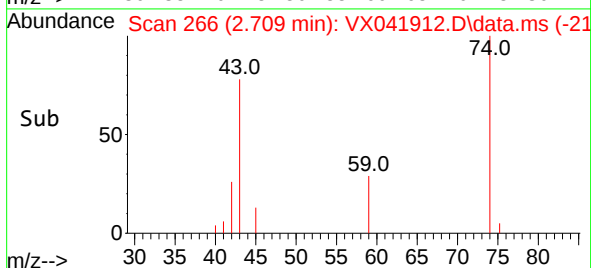
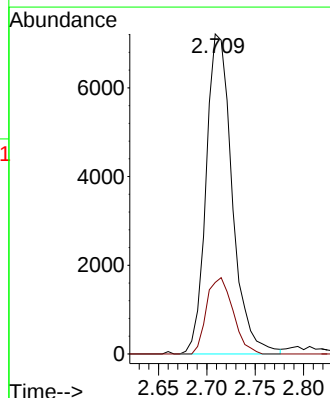
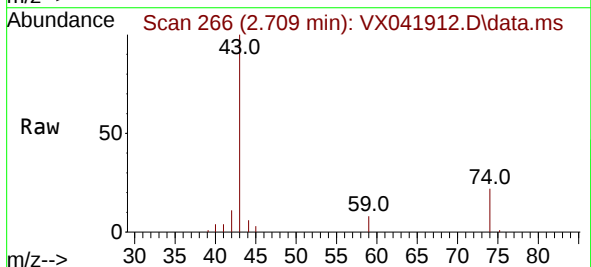
Acq: 18 Jun 2024 09:53

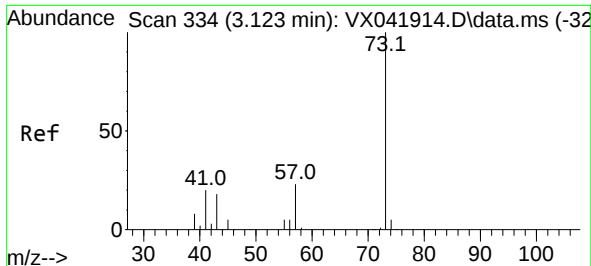
Tgt Ion: 43 Resp: 13526

Ion Ratio Lower Upper

43 100

74 24.1 17.8 26.8





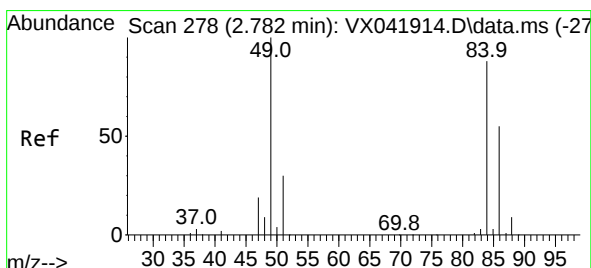
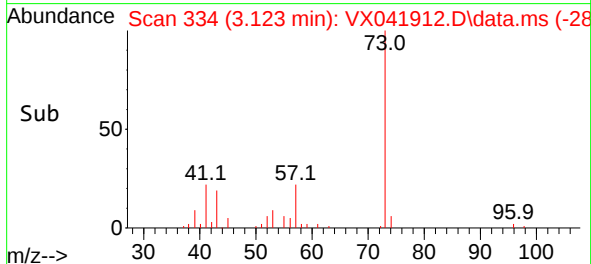
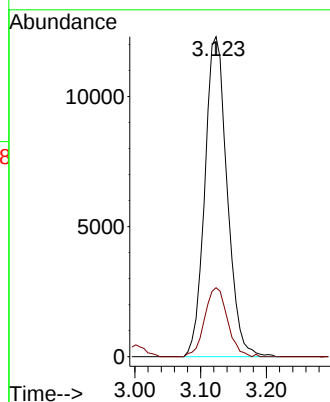
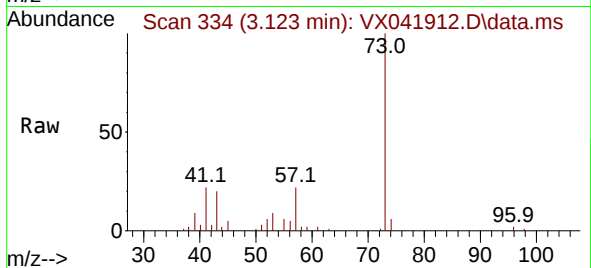
#19
Methyl tert-butyl Ether
Concen: 5.194 ug/l
RT: 3.123 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 29072
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

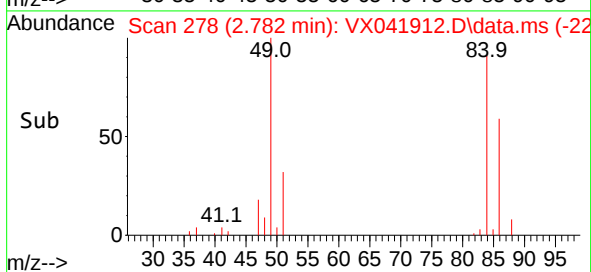
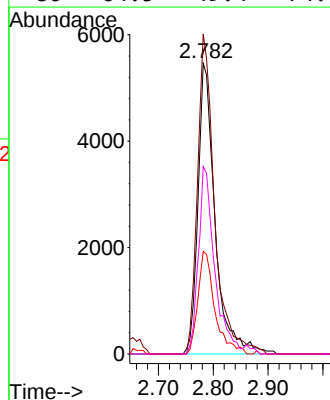
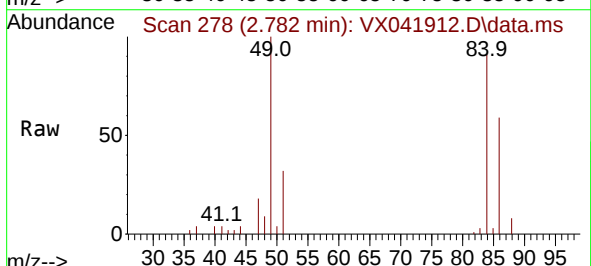
Manual Integrations
APPROVED

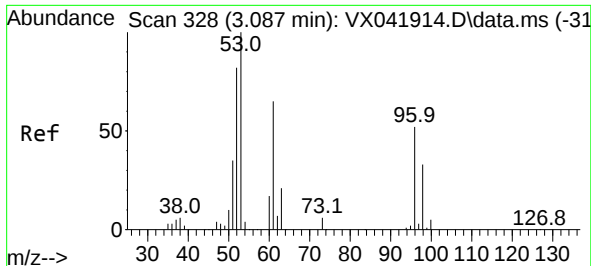
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#20
Methylene Chloride
Concen: 5.458 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

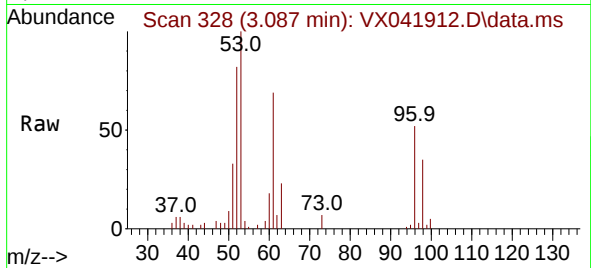
Tgt Ion: 84 Resp: 11886
Ion Ratio Lower Upper
84 100
49 110.1 103.6 155.4
51 35.3 33.8 50.6
86 64.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 5.119 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

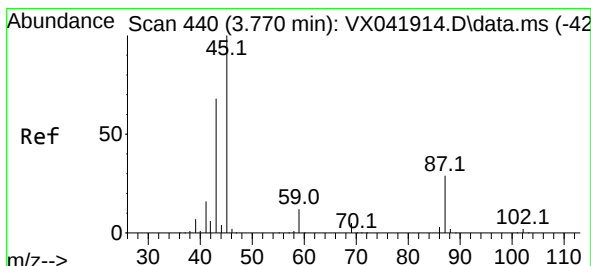
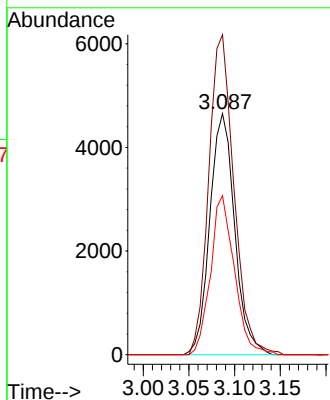
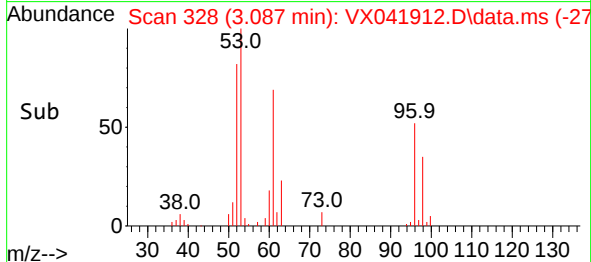
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



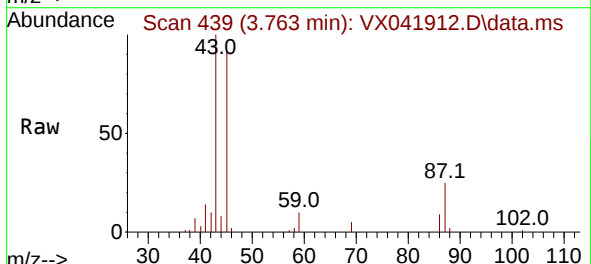
Tgt Ion: 96 Resp: 880
Ion Ratio Lower Upper
96 100
61 132.7 119.2 178.8
98 66.0 48.7 73.1

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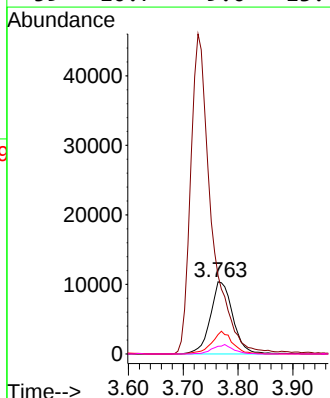
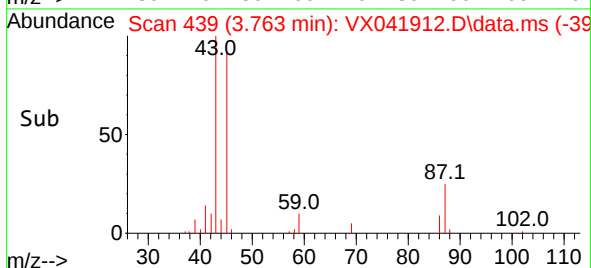
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

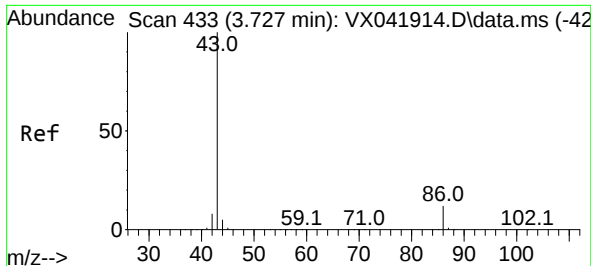


#22
Diisopropyl ether
Concen: 5.200 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53



Tgt Ion: 45 Resp: 29531
Ion Ratio Lower Upper
45 100
43 105.8 69.7 104.5#
87 26.9 20.8 31.2
59 10.7 9.0 13.4





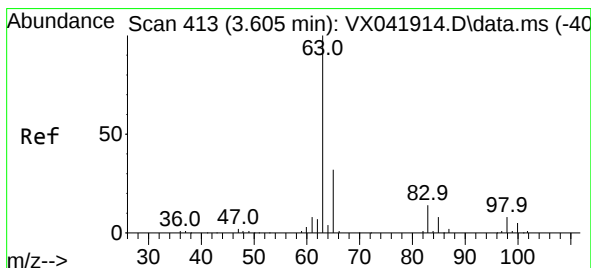
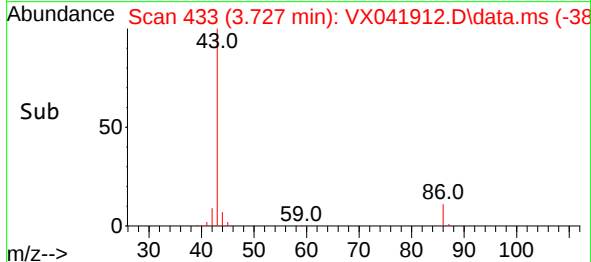
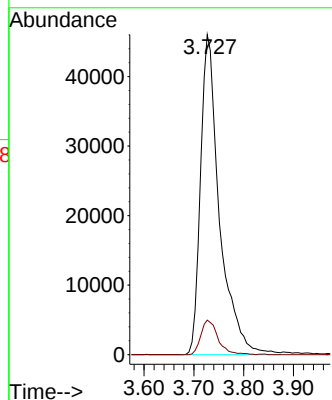
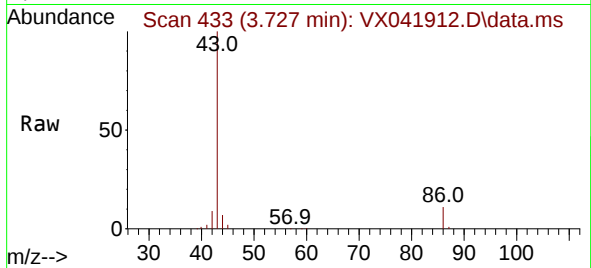
#23
 Vinyl Acetate
 Concen: 25.089 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX041912.D
 Acq: 18 Jun 2024 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 121680
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

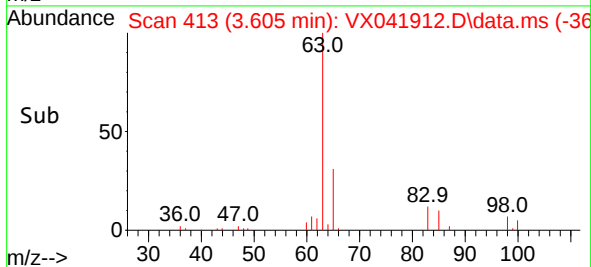
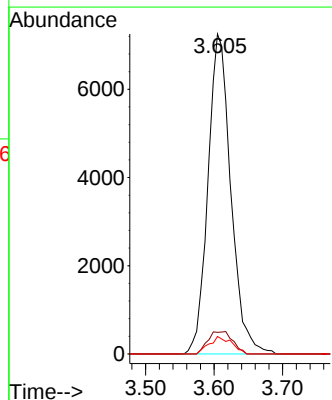
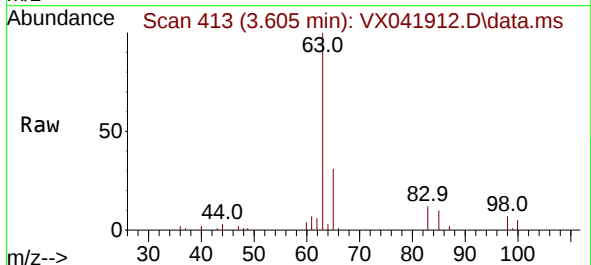
Manual Integrations
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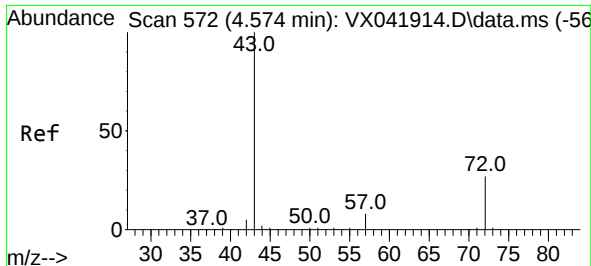
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024



#24
 1,1-Dichloroethane
 Concen: 5.293 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX041912.D
 Acq: 18 Jun 2024 09:53

Tgt Ion: 63 Resp: 16832
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 5.5 2.1 6.5





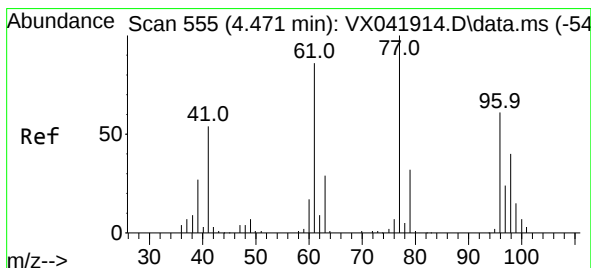
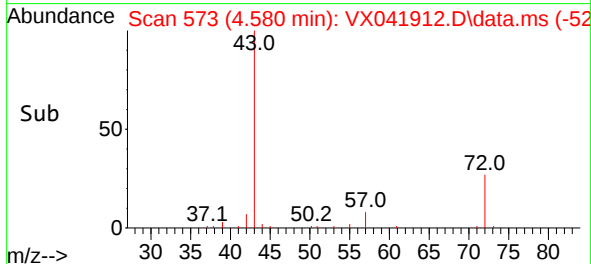
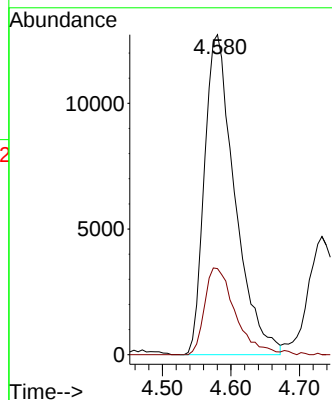
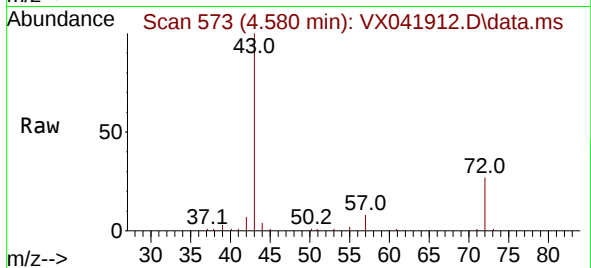
#25
2-Butanone
Concen: 25.323 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 3918
Ion Ratio Lower Upper
43 100
72 26.9 19.4 29.2

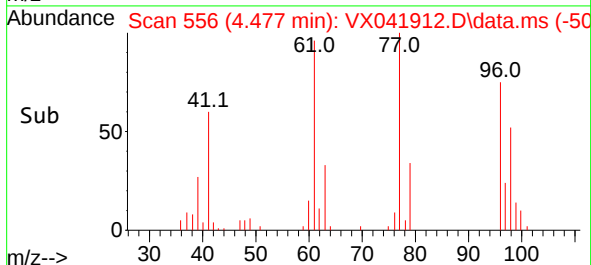
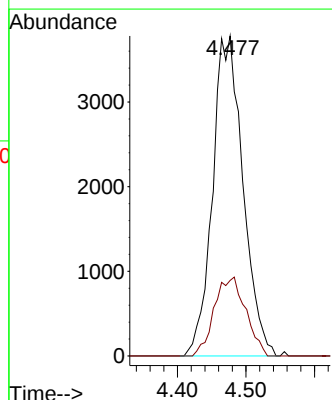
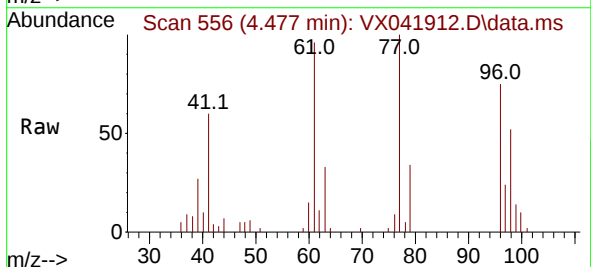
Manual Integrations
APPROVED

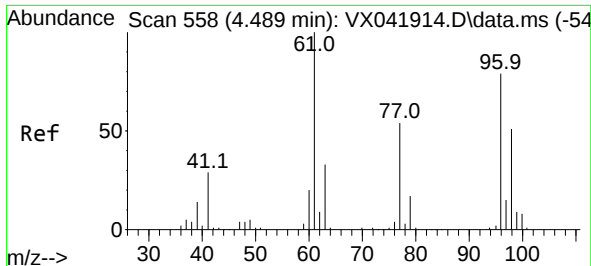
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#26
2,2-Dichloropropane
Concen: 5.059 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Tgt Ion: 77 Resp: 11650
Ion Ratio Lower Upper
77 100
97 25.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 5.054 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 10884

Ion Ratio Lower Upper

96 100

61 130.4 0.0 312.2

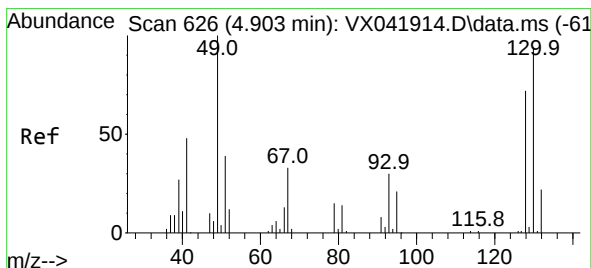
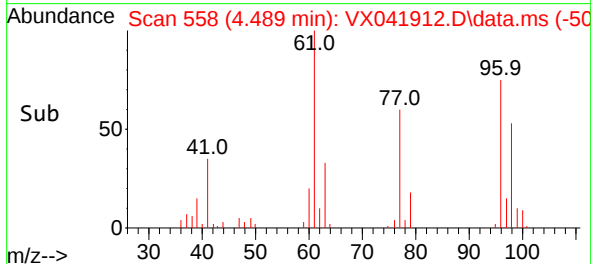
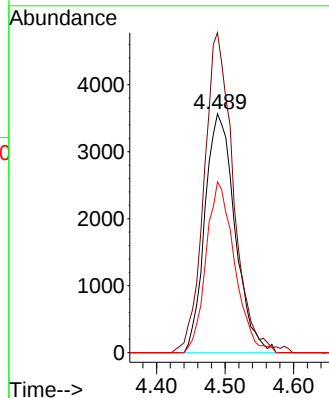
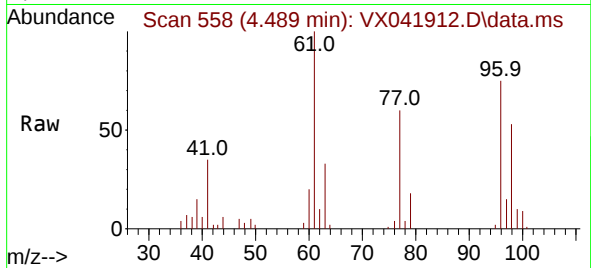
98 67.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#28

Bromochloromethane

Concen: 5.728 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

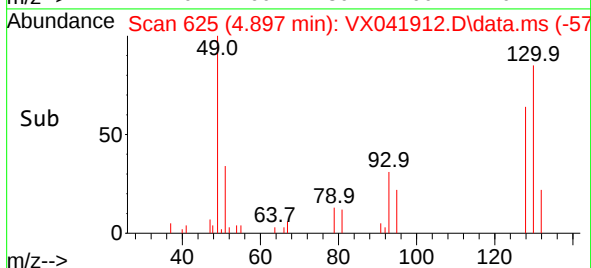
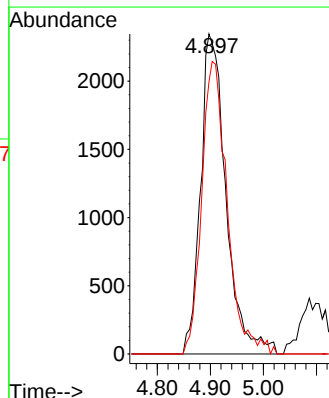
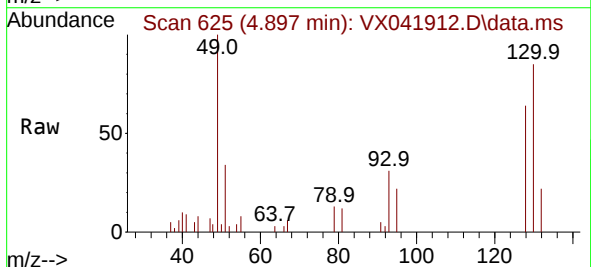
Tgt Ion: 49 Resp: 7803

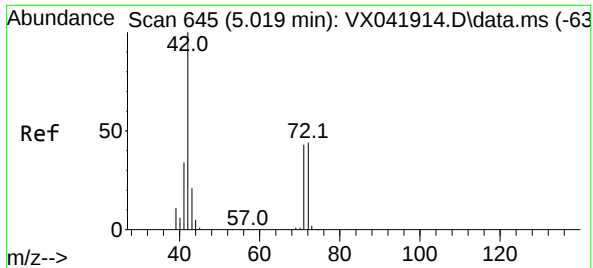
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 90.2 57.5 86.3#





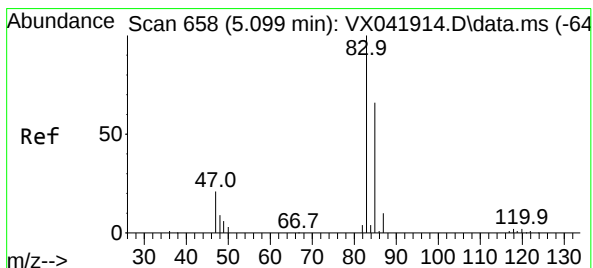
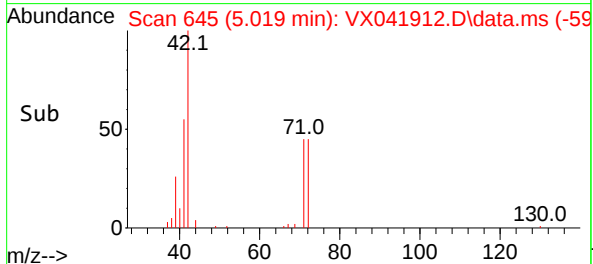
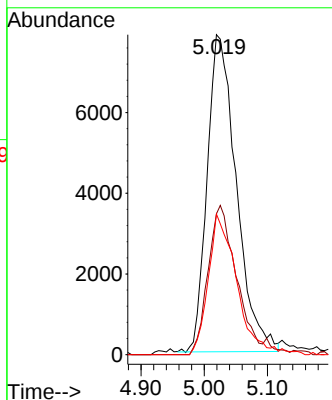
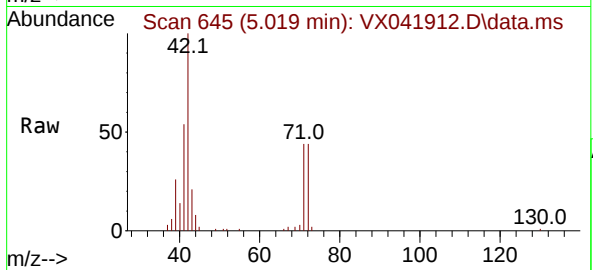
#29
Tetrahydrofuran
Concen: 25.219 ug/l
RT: 5.019 min Scan# 645
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 25200
Ion Ratio Lower Upper
42 100
72 47.2 34.2 51.4
71 43.4 32.2 48.2

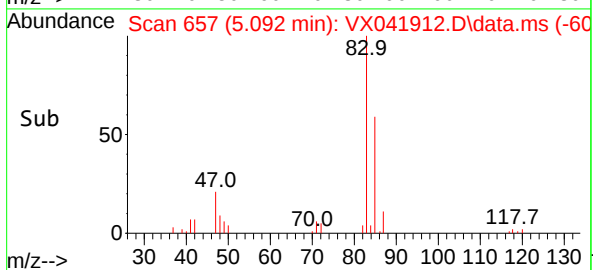
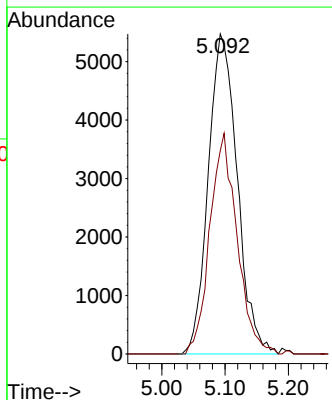
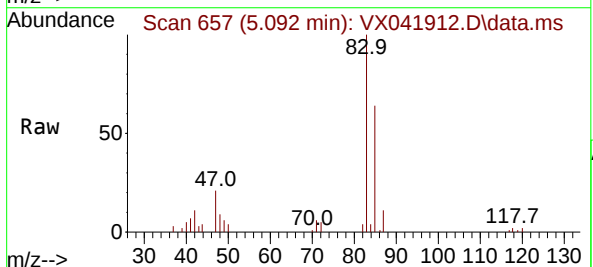
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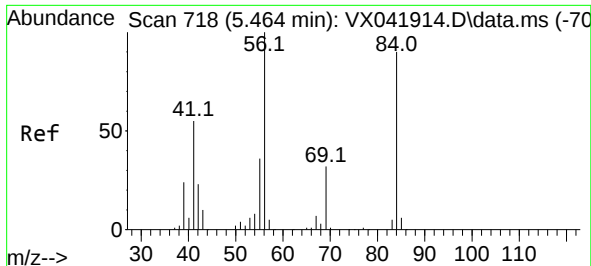
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#30
Chloroform
Concen: 5.259 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Tgt Ion: 83 Resp: 17426
Ion Ratio Lower Upper
83 100
85 63.6 50.3 75.5





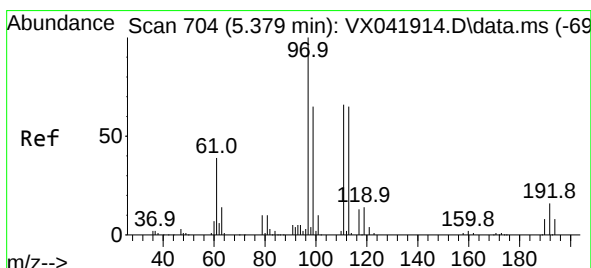
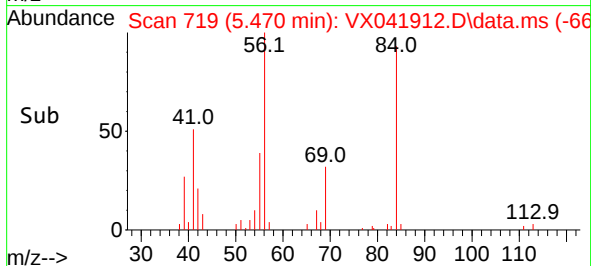
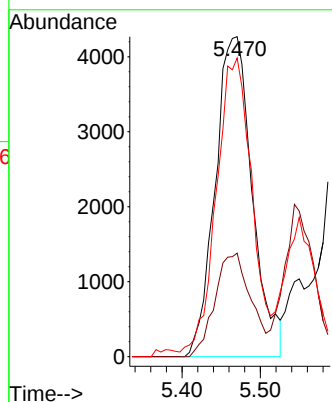
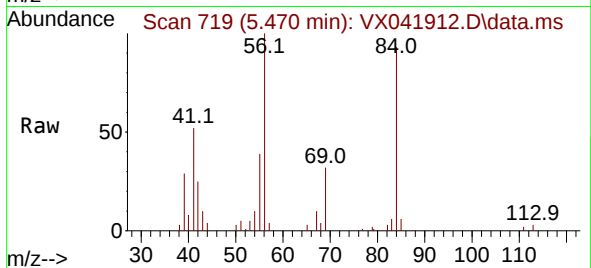
#31
Cyclohexane
Concen: 5.292 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 1401
Ion Ratio Lower Upper
56 100
69 32.3 23.4 35.2
84 91.9 65.9 98.9

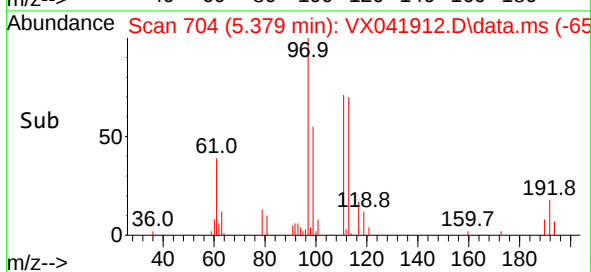
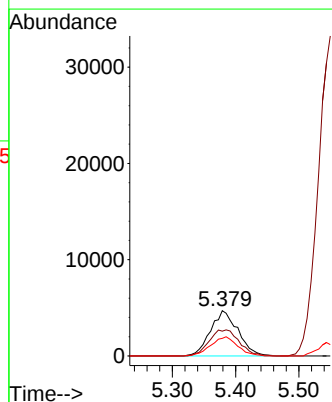
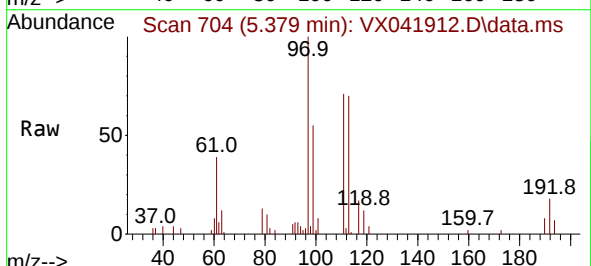
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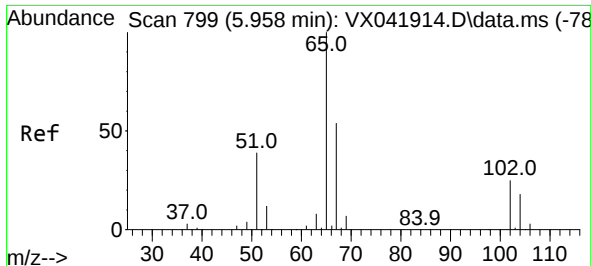
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#32
1,1,1-Trichloroethane
Concen: 5.131 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Tgt Ion: 97 Resp: 14206
Ion Ratio Lower Upper
97 100
99 63.0 51.1 76.7
61 41.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 6.150 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 13929

Ion Ratio Lower Upper

65 100

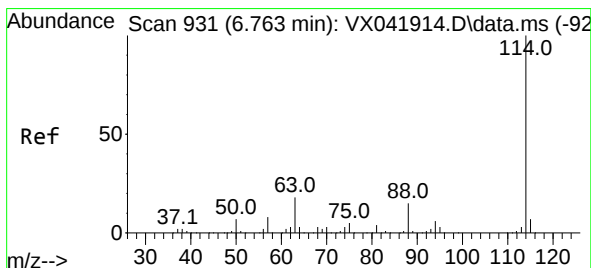
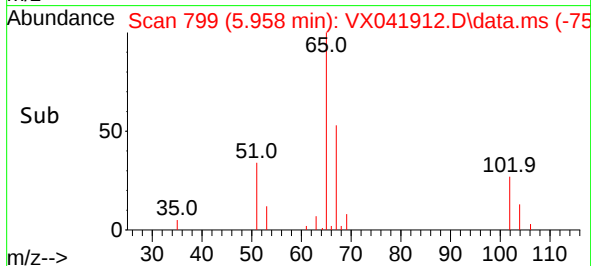
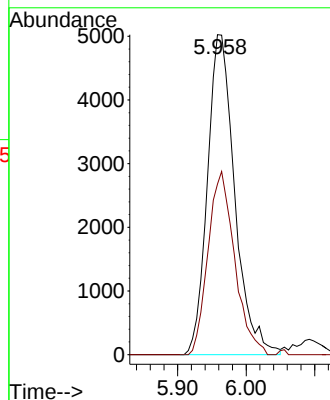
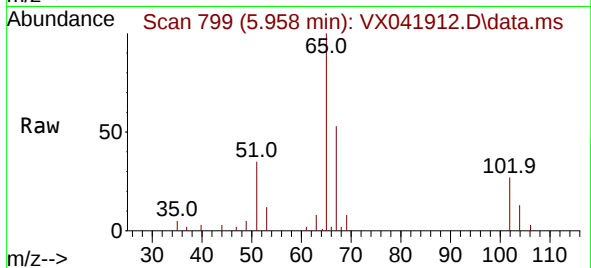
67 55.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

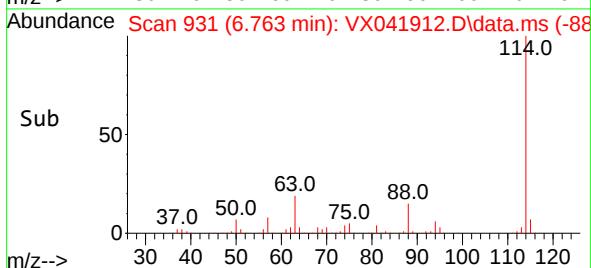
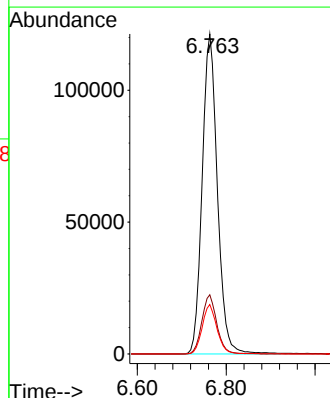
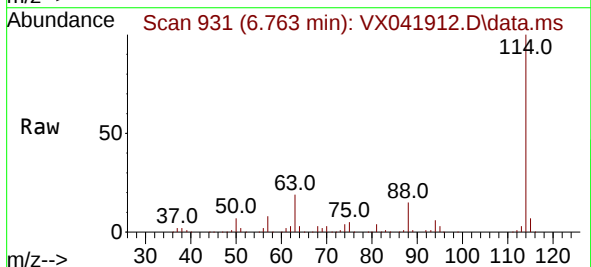
Tgt Ion:114 Resp: 289111

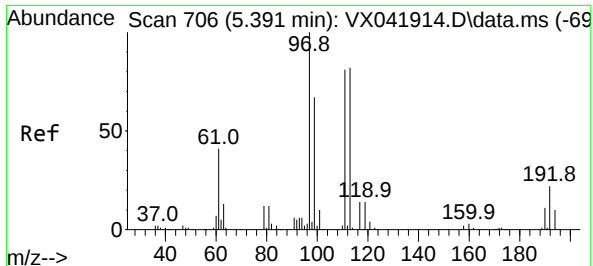
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

88 15.4 0.0 36.6





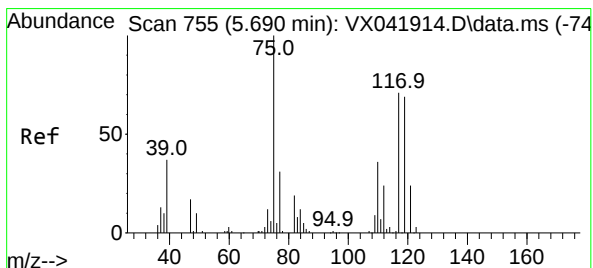
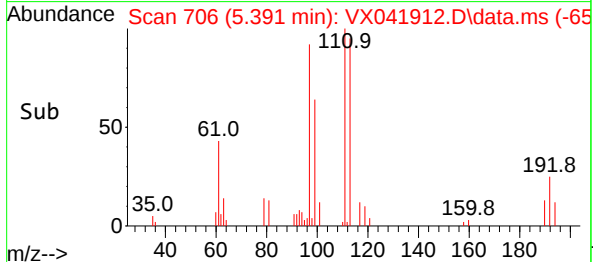
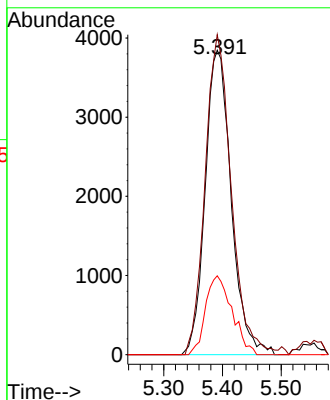
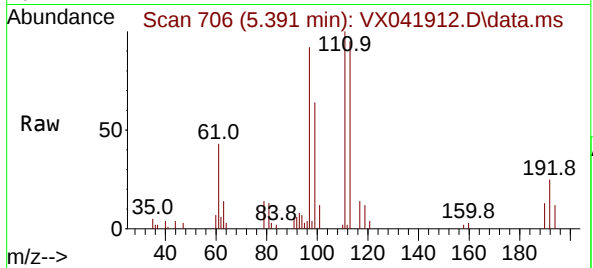
#35
Dibromofluoromethane
Concen: 5.771 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC005

Tgt Ion: 113 Resp: 11839
Ion Ratio Lower Upper
113 100
111 105.7 82.9 124.3
192 26.4 13.3 19.9

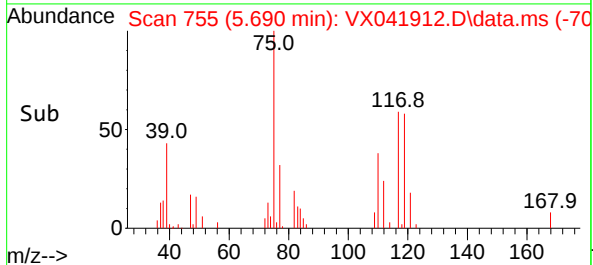
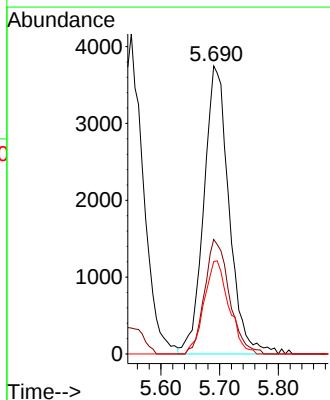
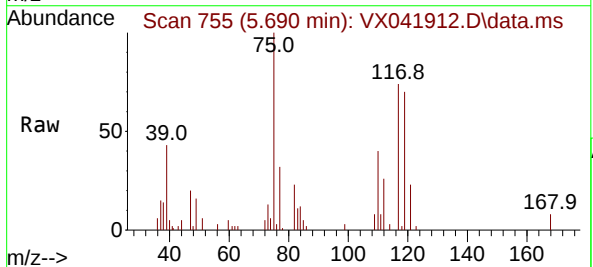
Manual Integrations
APPROVED

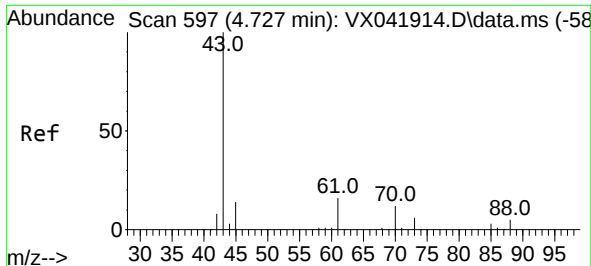
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#36
1,1-Dichloropropene
Concen: 5.133 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Tgt Ion: 75 Resp: 11181
Ion Ratio Lower Upper
75 100
110 38.9 17.0 50.9
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 5.366 ug/l

RT: 4.733 min Scan# 597

Delta R.T. 0.006 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

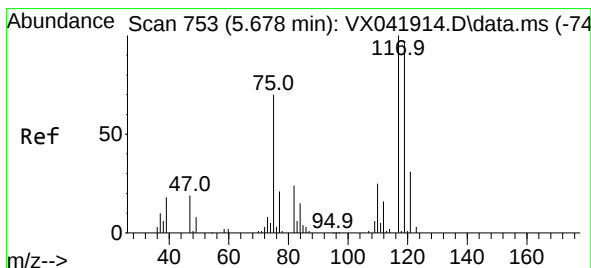
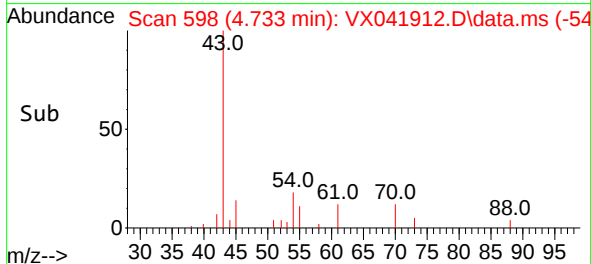
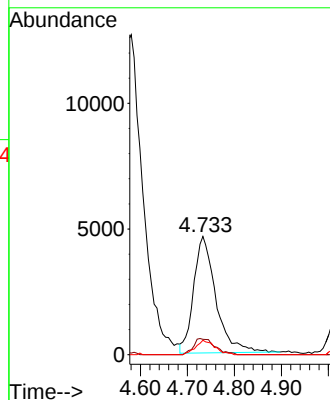
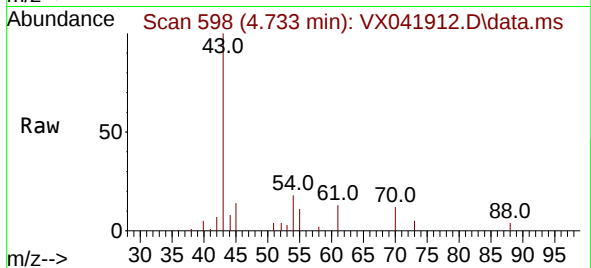
Tgt Ion:	43	Resp:	1522
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.6	16.0
70	10.7	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#38

Carbon Tetrachloride

Concen: 4.959 ug/l

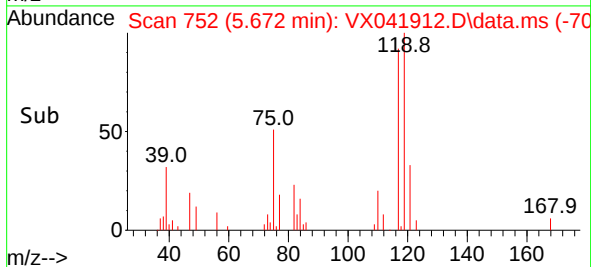
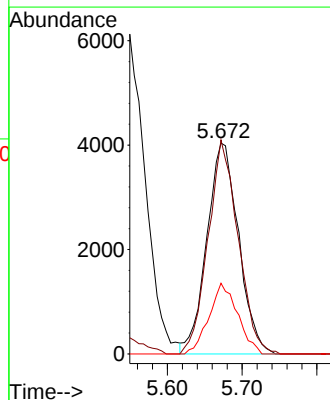
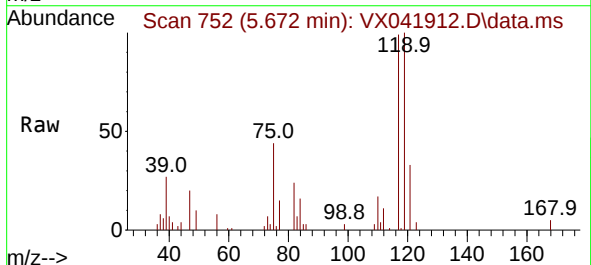
RT: 5.672 min Scan# 752

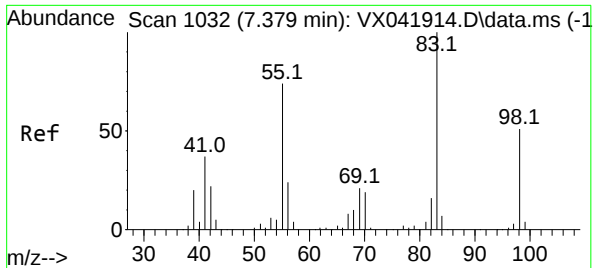
Delta R.T. -0.006 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Tgt Ion:	117	Resp:	11936
Ion	Ratio	Lower	Upper
117	100		
119	101.4	78.2	117.2
121	33.5	24.4	36.6





#39
Methylcyclohexane
Concen: 5.082 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

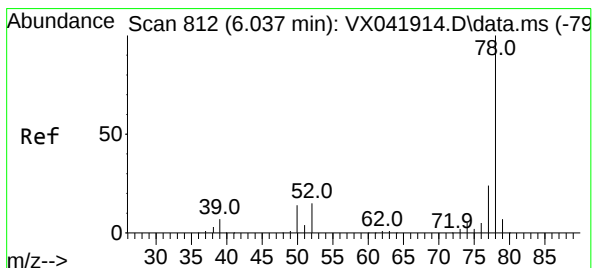
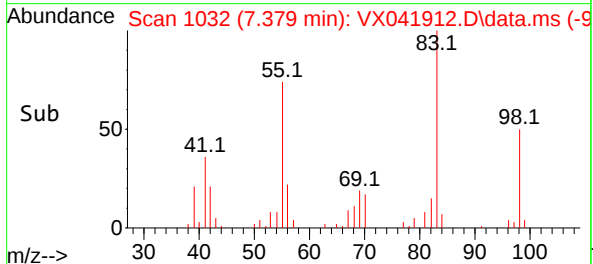
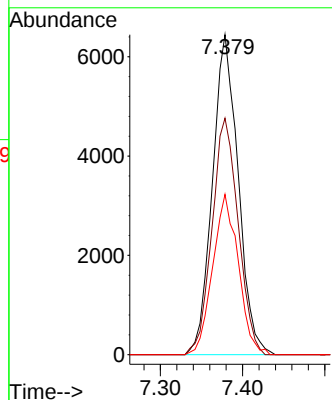
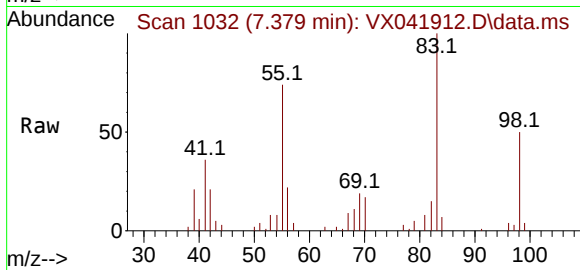
Tgt Ion: 83 Resp: 14000
Ion Ratio Lower Upper
83 100
55 73.9 64.6 97.0
98 50.1 36.7 55.1

Manual Integrations

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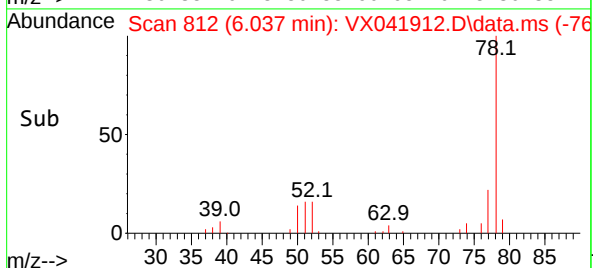
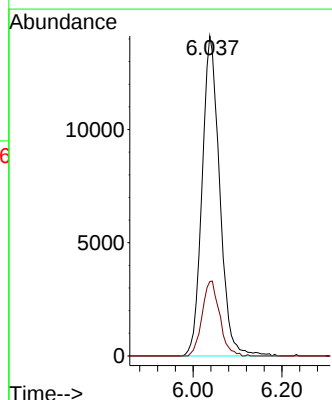
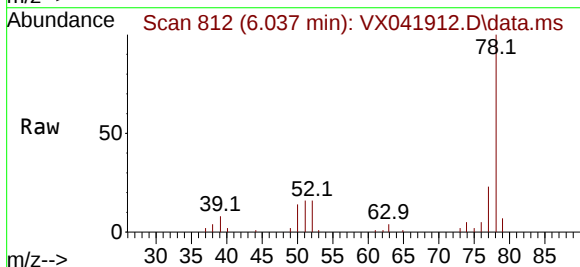
Reviewed By :John Carlone 06/19/2024

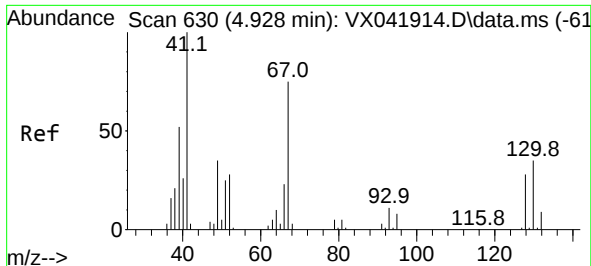
Supervised By :Mahesh Dadoda 06/19/2024



#40
Benzene
Concen: 5.302 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Tgt Ion: 78 Resp: 38953
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9





#41
Methacrylonitrile
Concen: 4.950 ug/l
RT: 4.940 min Scan# 612
Delta R.T. 0.012 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

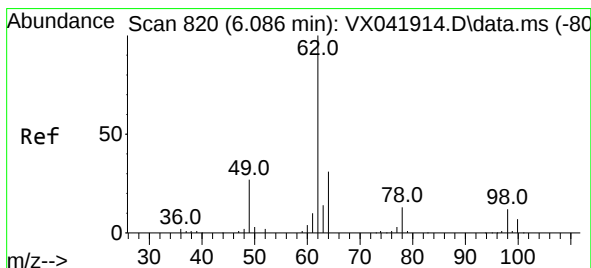
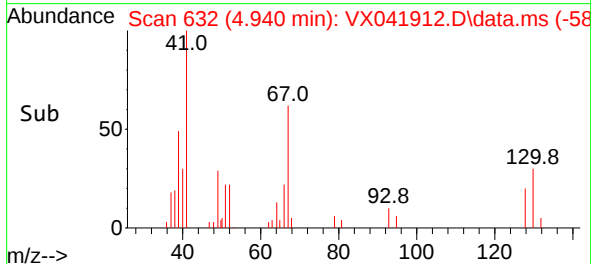
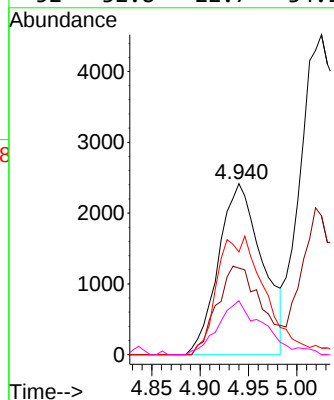
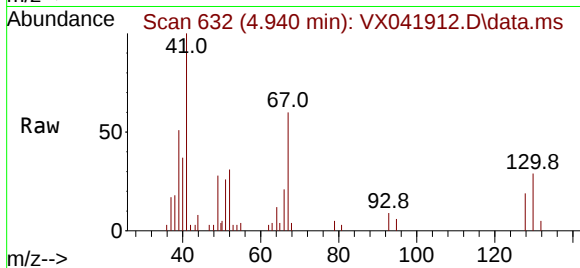
Tgt Ion: 41 Resp: 7614
Ion Ratio Lower Upper
41 100
39 54.2 45.2 67.8
67 78.1 52.6 78.8
52 32.8 22.7 34.1

Manual Integrations

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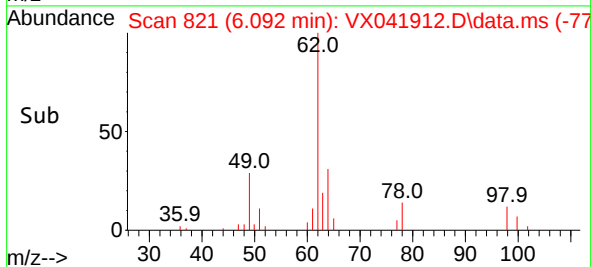
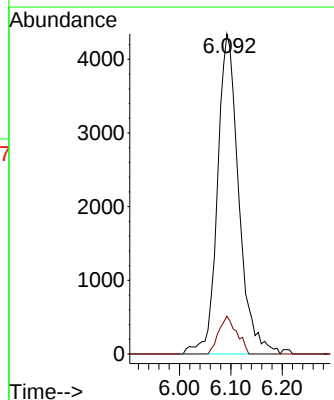
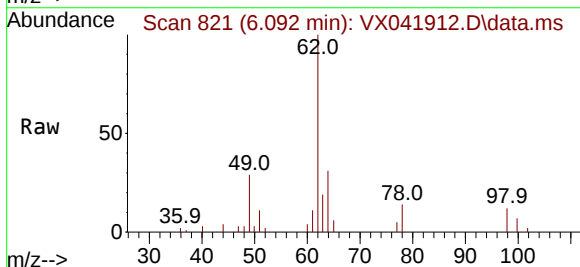
Reviewed By :John Carlone 06/19/2024

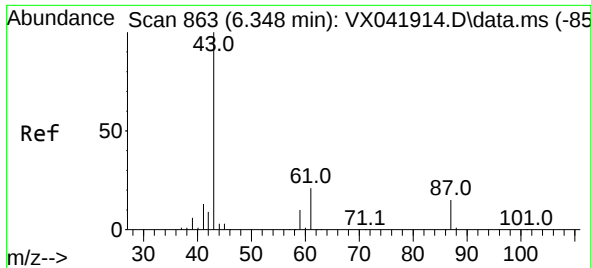
Supervised By :Mahesh Dadoda 06/19/2024



#42
1,2-Dichloroethane
Concen: 5.286 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

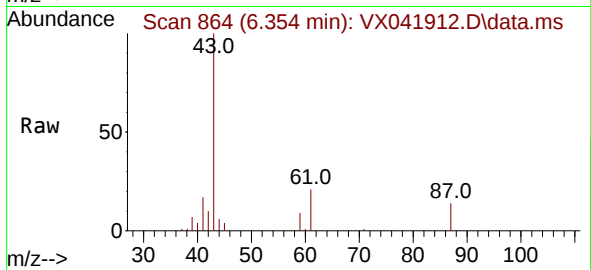
Tgt Ion: 62 Resp: 12510
Ion Ratio Lower Upper
62 100
98 10.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 5.043 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

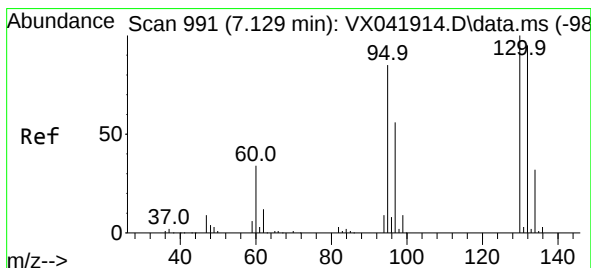
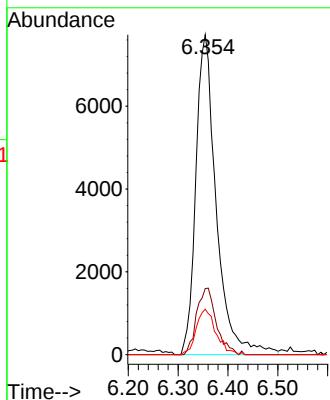
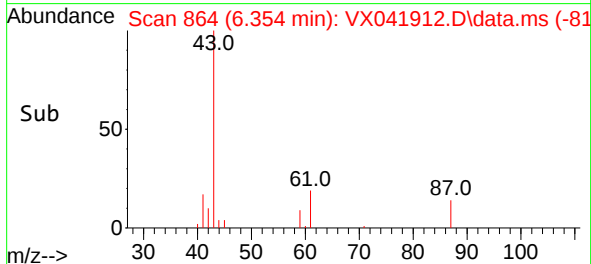
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 21968
Ion Ratio Lower Upper
43 100
61 19.9 15.2 22.8
87 13.7 9.8 14.6

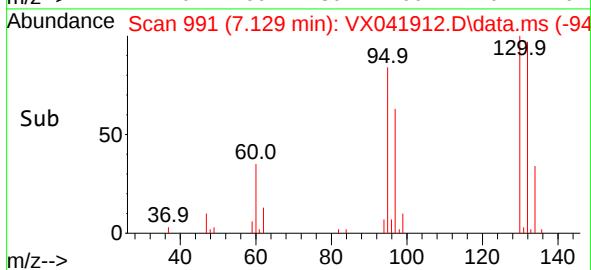
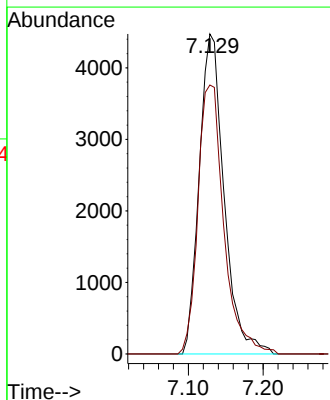
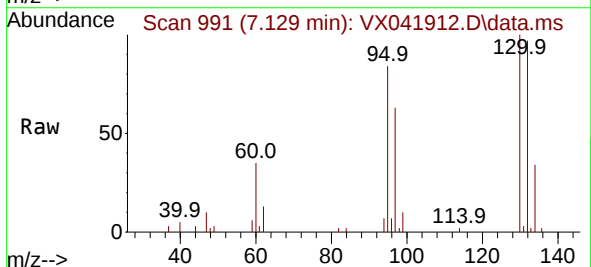
Manual Integrations
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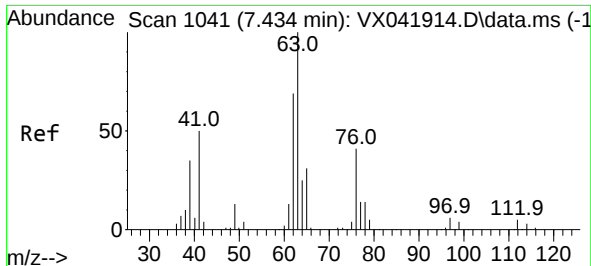
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#44
Trichloroethene
Concen: 5.253 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Tgt Ion:130 Resp: 10344
Ion Ratio Lower Upper
130 100
95 84.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 5.150 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 9304

Ion Ratio Lower Upper

63 100

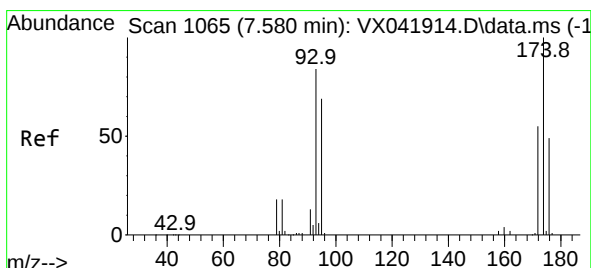
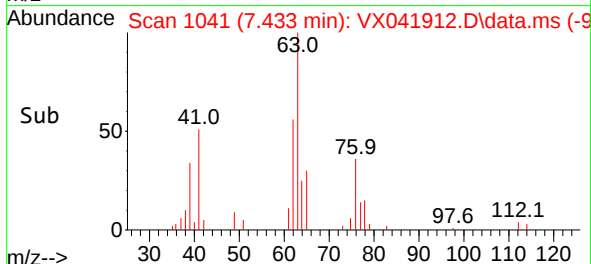
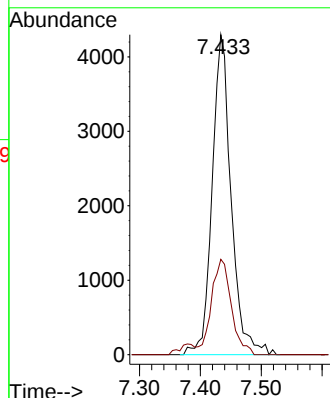
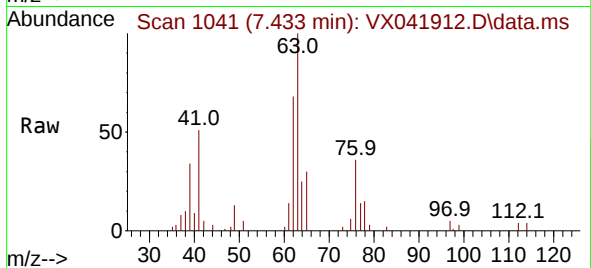
65 29.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#46

Dibromomethane

Concen: 5.123 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

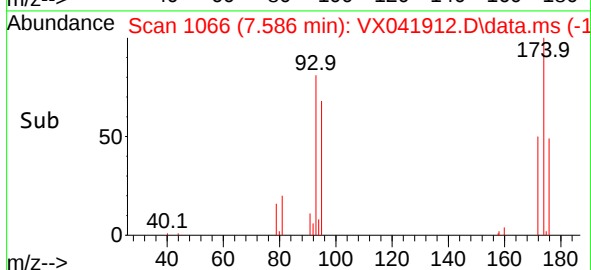
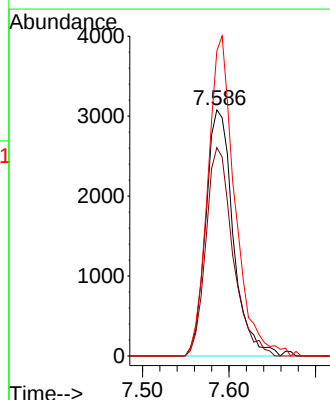
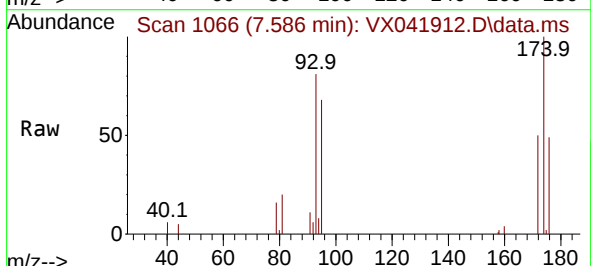
Tgt Ion: 93 Resp: 6743

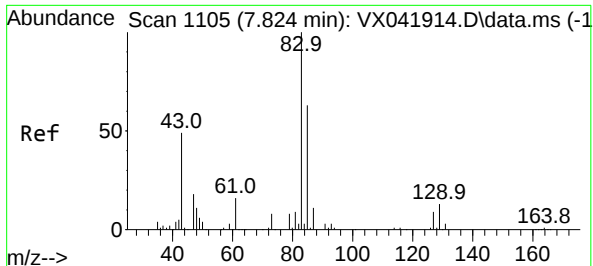
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

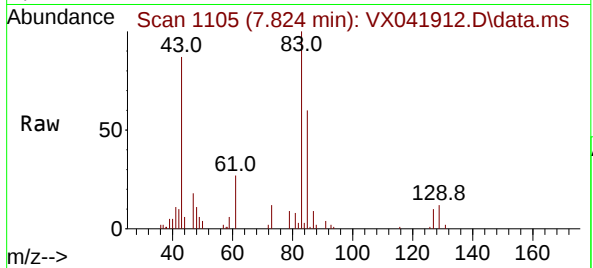
174 128.8 69.4 104.0#





#47
Bromodichloromethane
Concen: 4.799 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

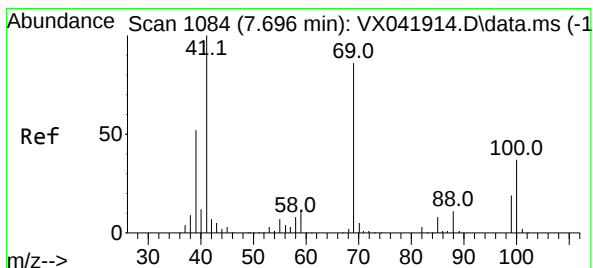
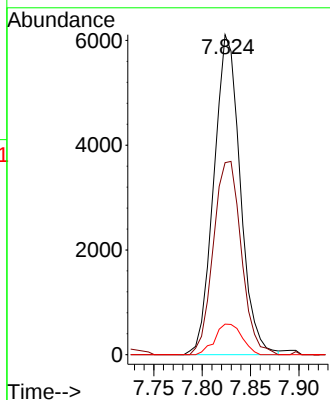
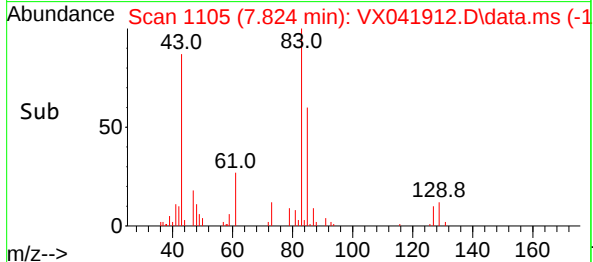
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 1159
Ion Ratio Lower Upper
83 100
85 60.0 49.8 74.6
127 9.5 7.1 10.7

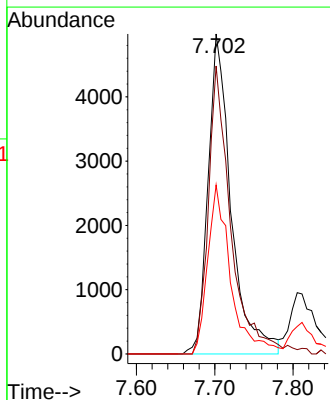
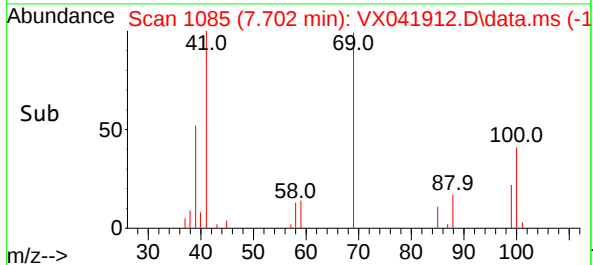
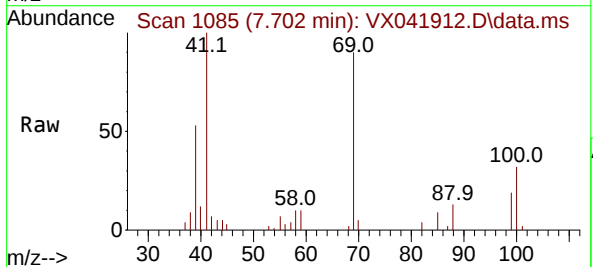
Manual Integrations
APPROVED

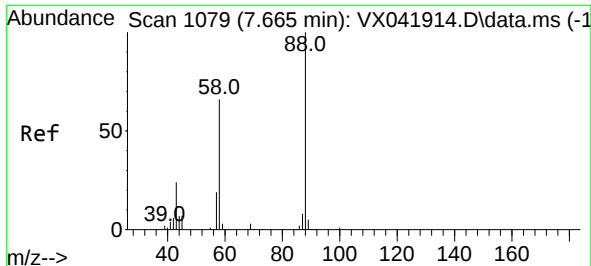
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#48
Methyl methacrylate
Concen: 4.916 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Tgt Ion: 41 Resp: 10219
Ion Ratio Lower Upper
41 100
69 88.1 59.2 88.8
39 52.8 47.7 71.5





#49

1,4-Dioxane

Concen: 107.509 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.012 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 491

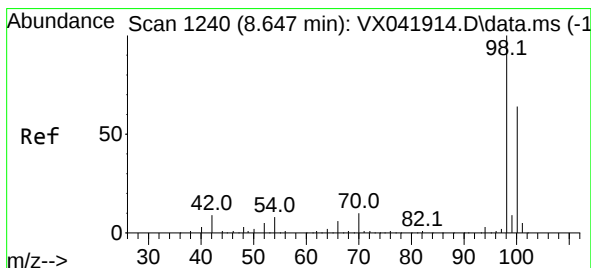
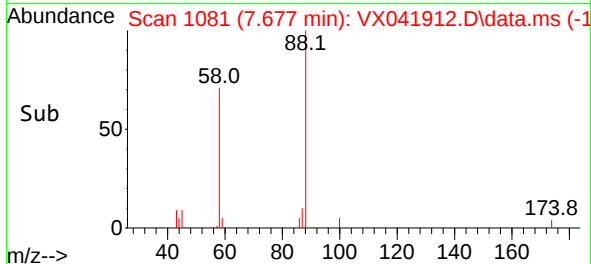
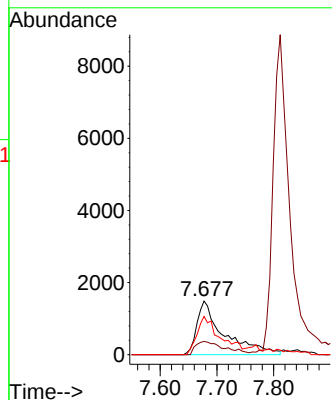
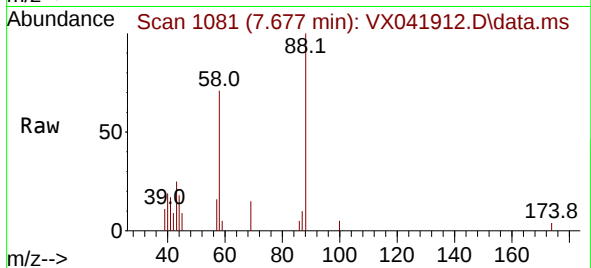
Ion	Ratio	Lower	Upper
88	100		
43	26.7	0.0	0.0
58	62.6	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#50

Toluene-d8

Concen: 5.657 ug/l

RT: 8.653 min Scan# 1241

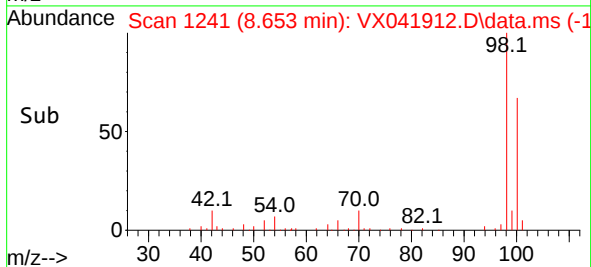
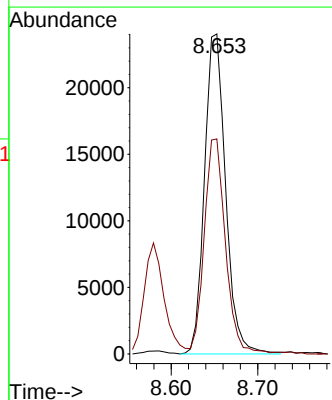
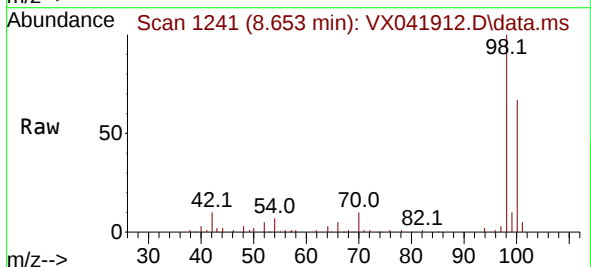
Delta R.T. 0.006 min

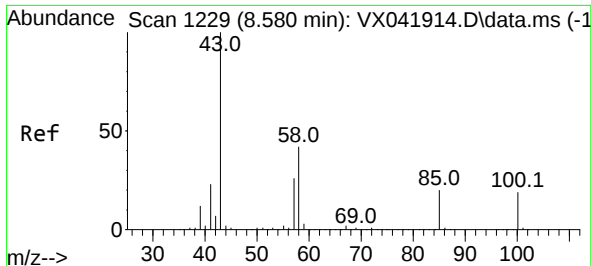
Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Tgt Ion: 98 Resp: 40766

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7





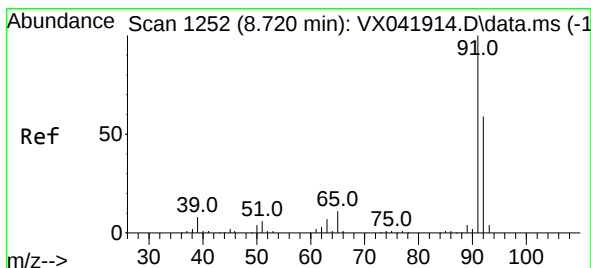
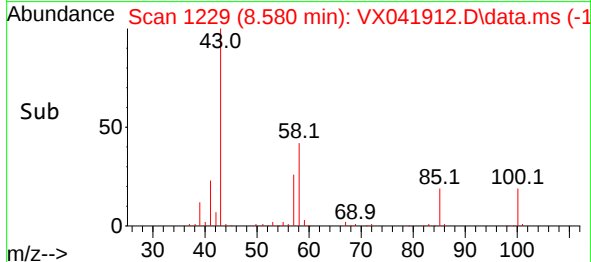
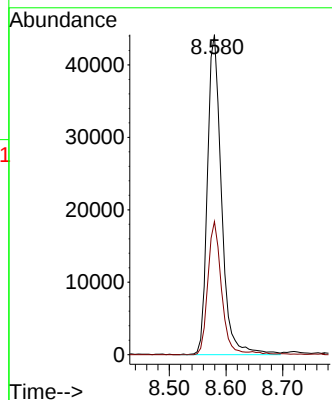
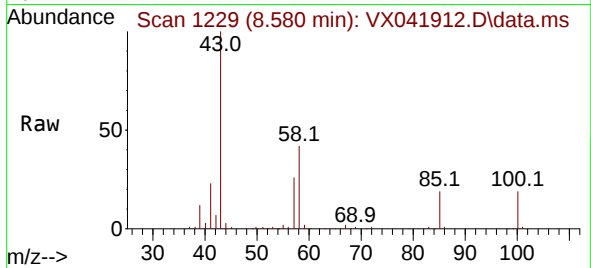
#51
4-Methyl-2-Pentanone
Concen: 25.438 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 76324
Ion Ratio Lower Upper
43 100
58 40.9 30.4 45.6

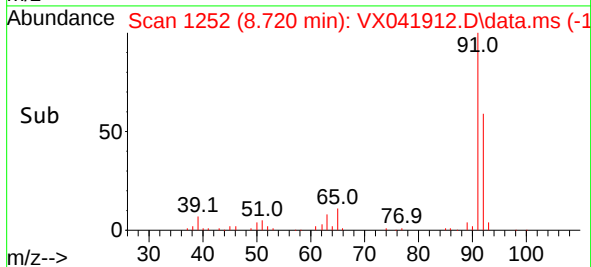
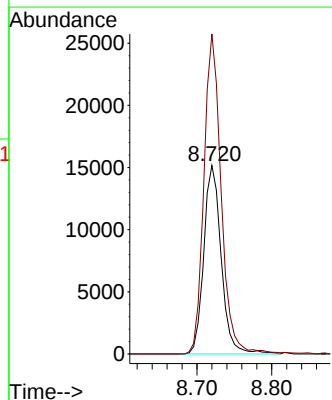
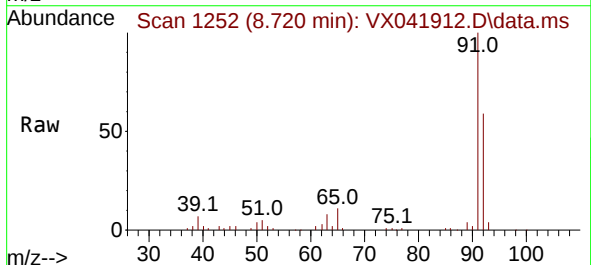
Manual Integrations
APPROVED

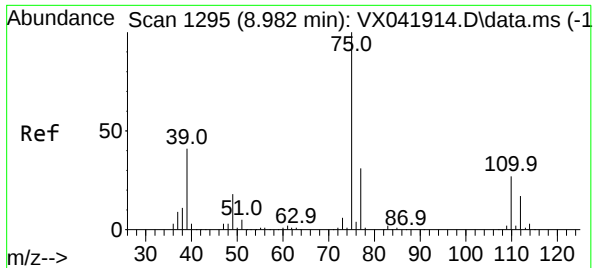
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#52
Toluene
Concen: 5.246 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Tgt Ion: 92 Resp: 24541
Ion Ratio Lower Upper
92 100
91 168.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 5.088 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 1066

Ion Ratio Lower Upper

75 100

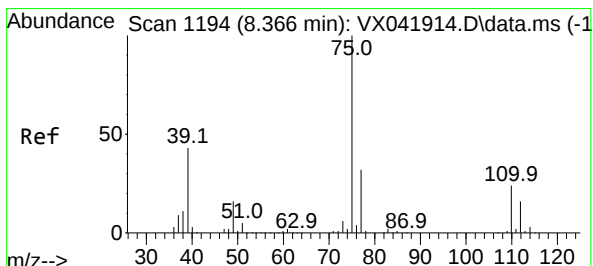
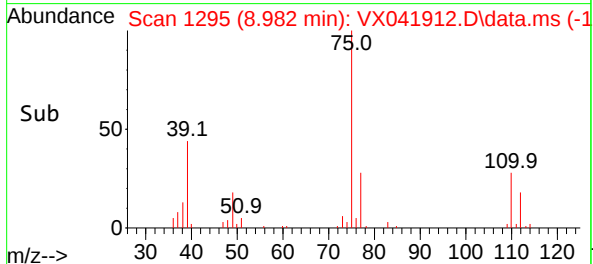
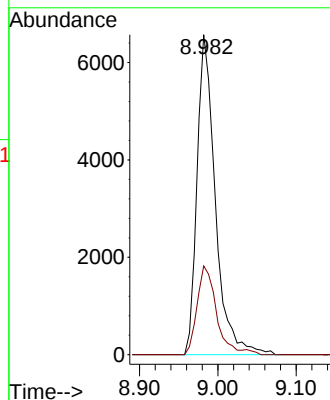
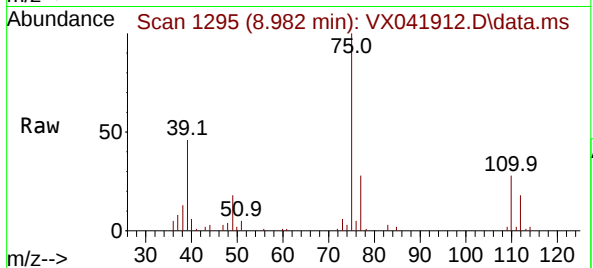
77 27.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#54

cis-1,3-Dichloropropene

Concen: 4.767 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

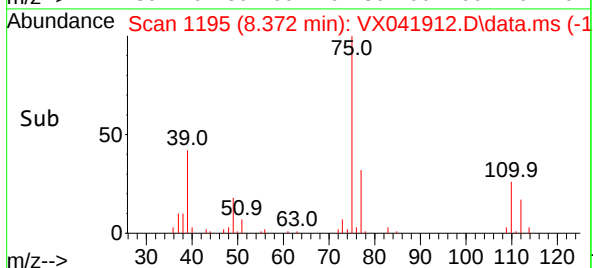
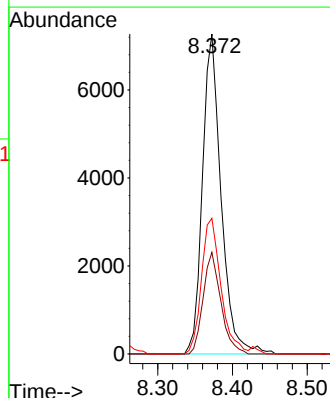
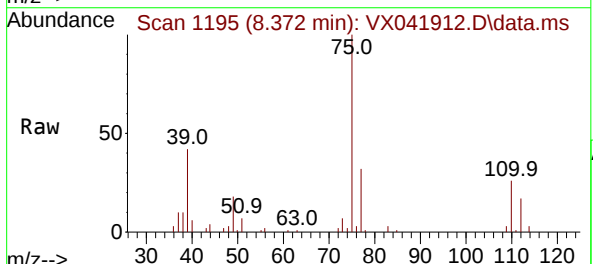
Tgt Ion: 75 Resp: 12611

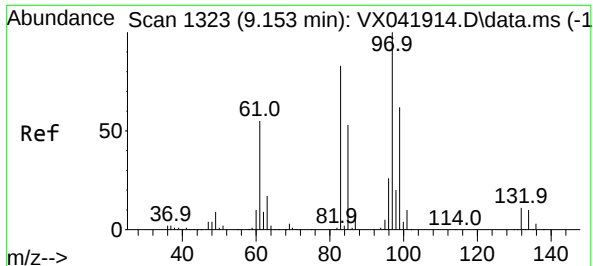
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

39 42.4 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 5.283 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

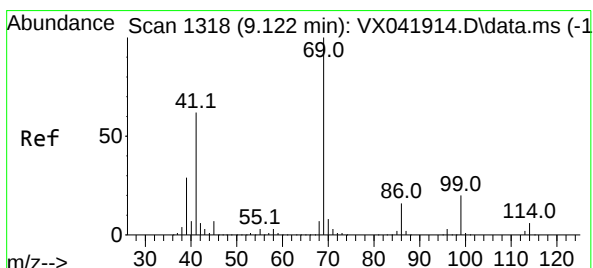
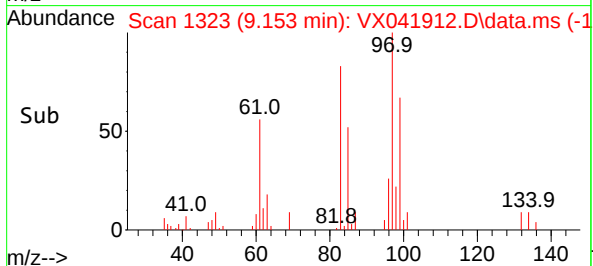
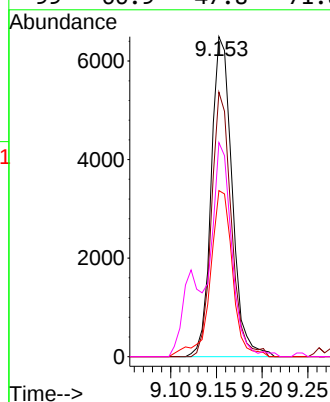
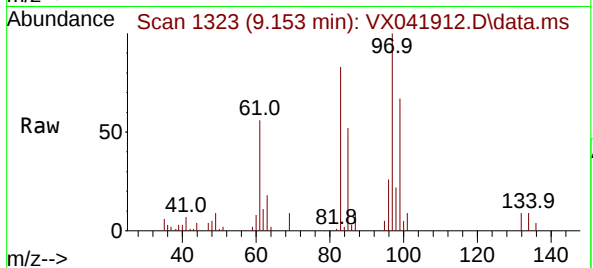
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.6	65.8	98.8
85	51.9	41.6	62.4
99	66.9	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#56

Ethyl methacrylate

Concen: 4.770 ug/l

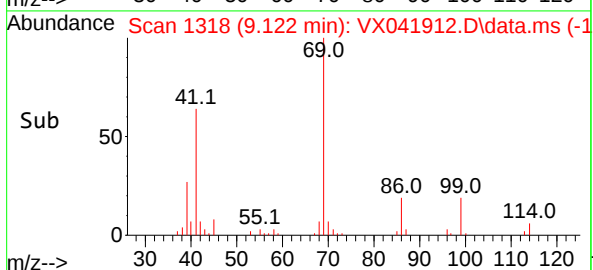
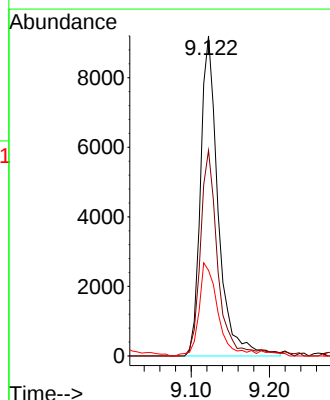
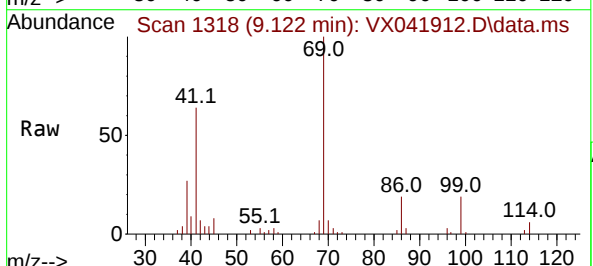
RT: 9.122 min Scan# 1318

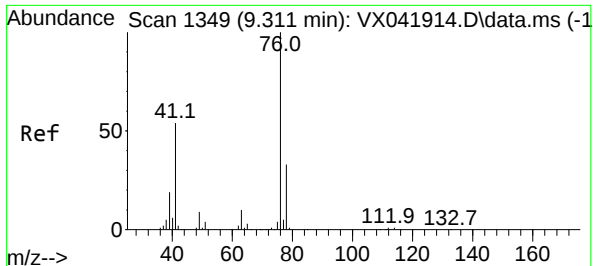
Delta R.T. -0.000 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.4	56.8	85.2
39	30.9	32.0	48.0





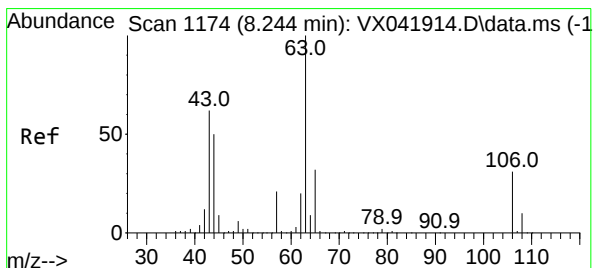
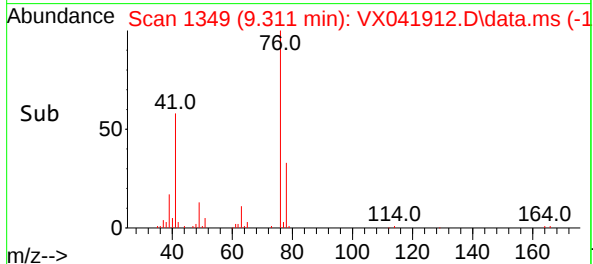
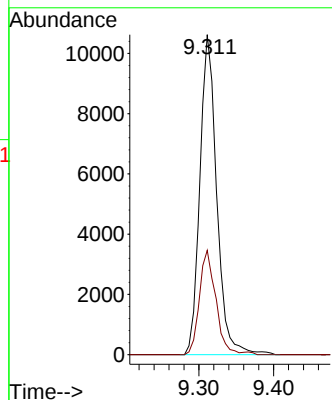
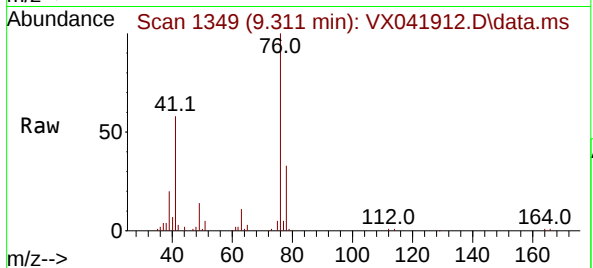
#57
1,3-Dichloropropane
Concen: 5.279 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 1662
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1

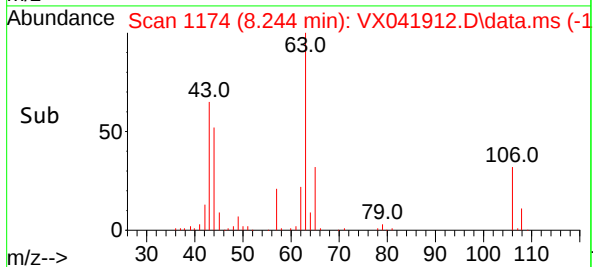
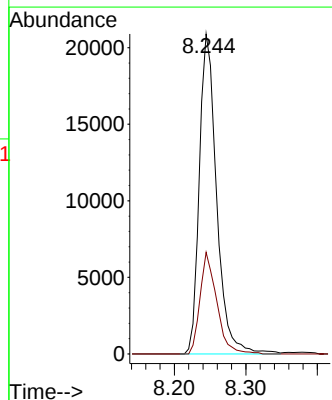
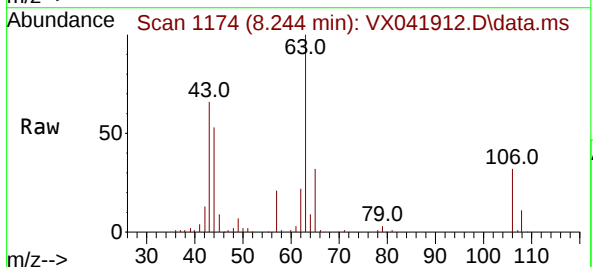
Manual Integrations
APPROVED

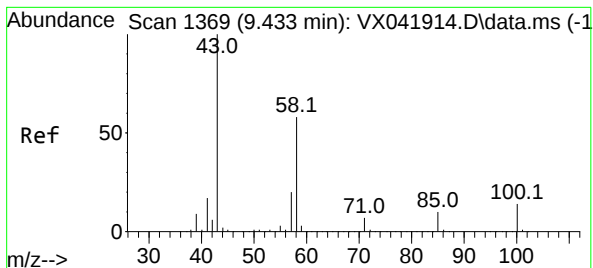
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#58
2-Chloroethyl Vinyl ether
Concen: 24.843 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Tgt Ion: 63 Resp: 35102
Ion Ratio Lower Upper
63 100
106 30.7 22.5 33.7





#59

2-Hexanone

Concen: 24.975 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 57394

Ion Ratio Lower Upper

43 100

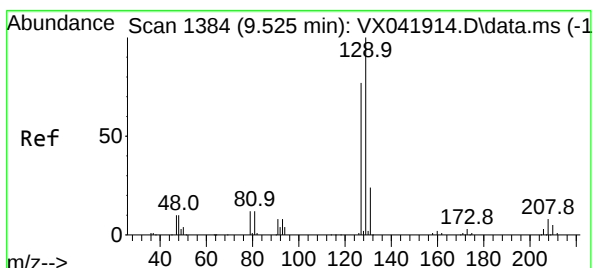
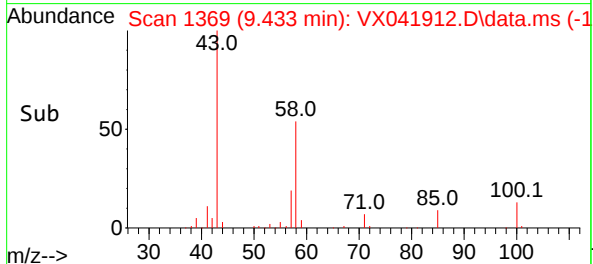
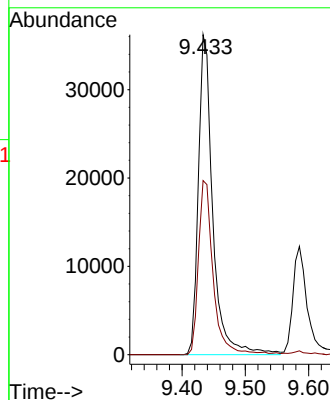
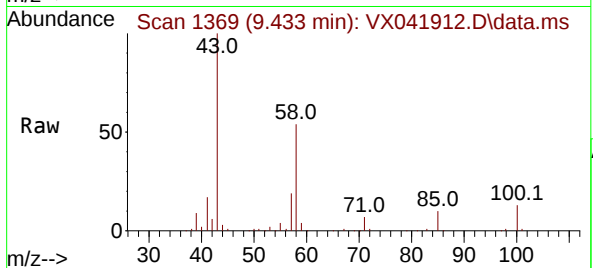
58 55.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#60

Dibromochloromethane

Concen: 4.635 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX041912.D

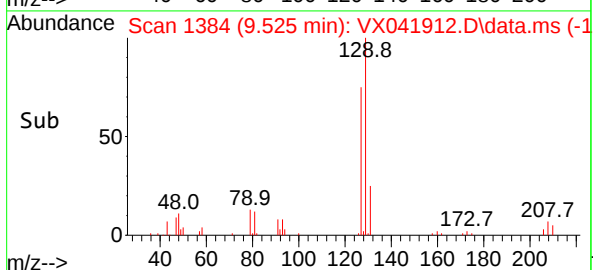
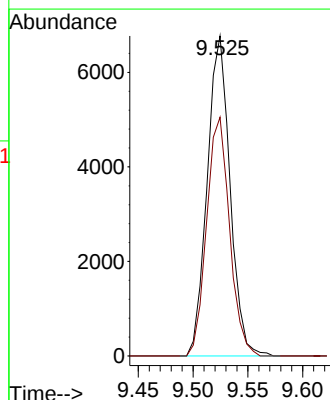
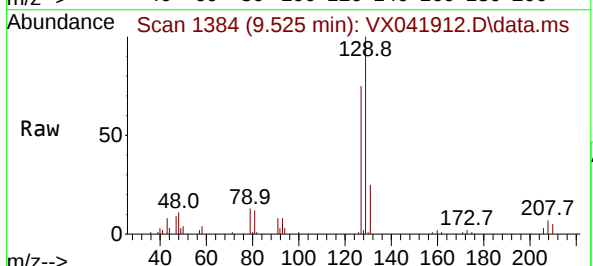
Acq: 18 Jun 2024 09:53

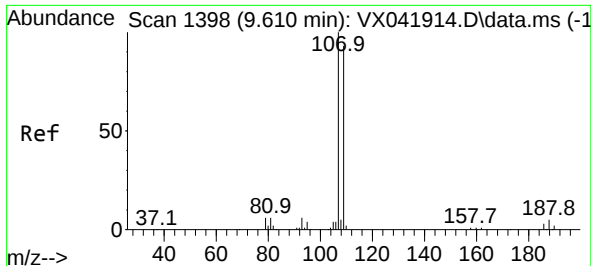
Tgt Ion:129 Resp: 9813

Ion Ratio Lower Upper

129 100

127 74.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 5.037 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

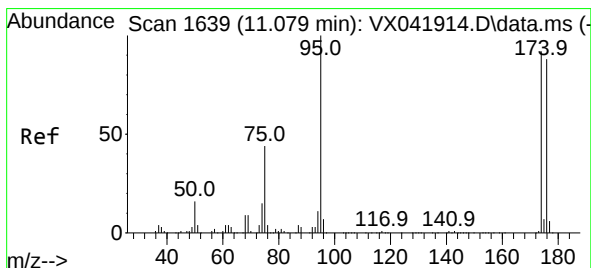
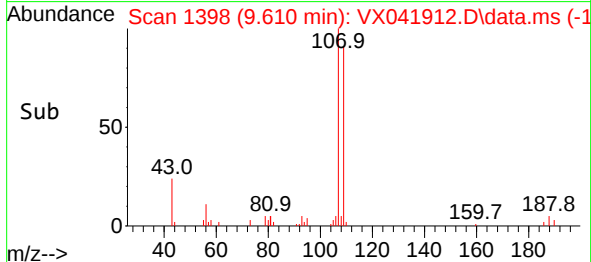
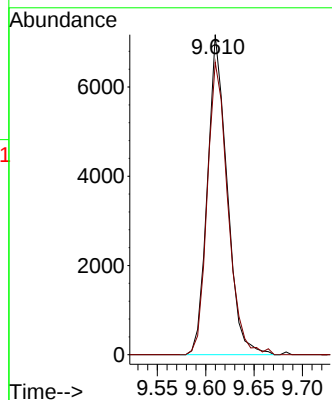
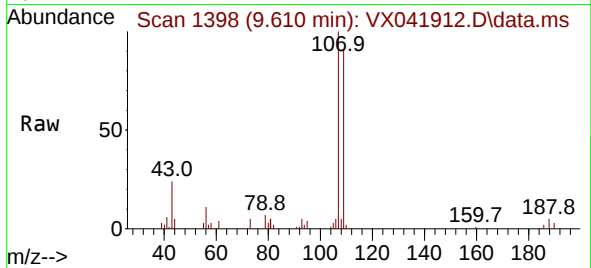
Tgt Ion:107 Resp: 1018
Ion Ratio Lower Upper
107 100
109 95.7 75.2 112.8

Manual Integrations

APPROVED

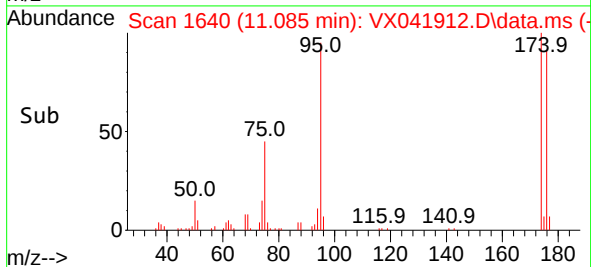
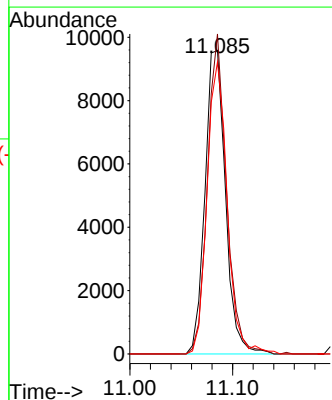
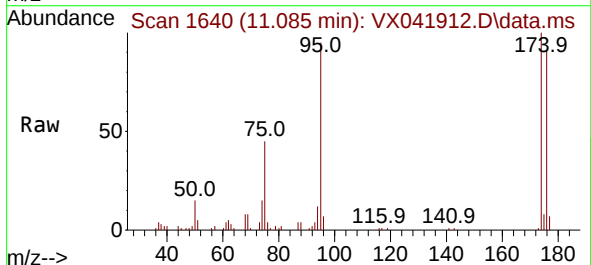
Reviewed By :John Carlone 06/19/2024

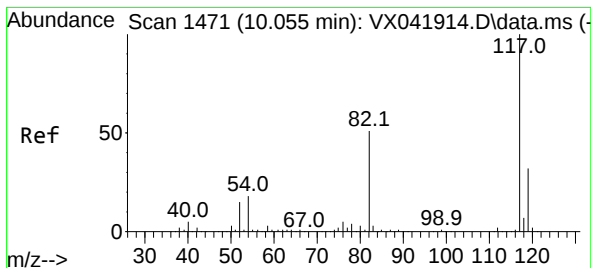
Supervised By :Mahesh Dadoda 06/19/2024



#62
4-Bromofluorobenzene
Concen: 5.017 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

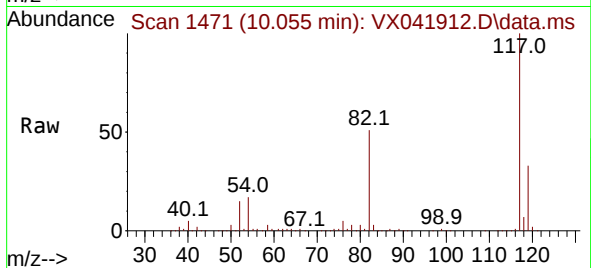
Tgt Ion: 95 Resp: 13329
Ion Ratio Lower Upper
95 100
174 98.0 0.0 135.6
176 94.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

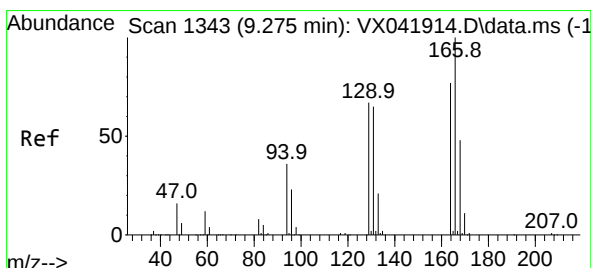
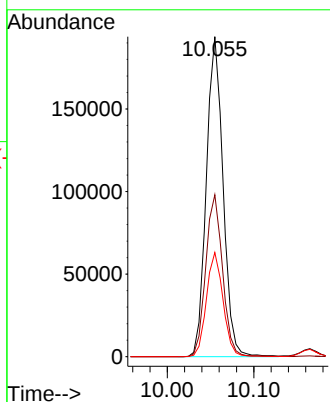
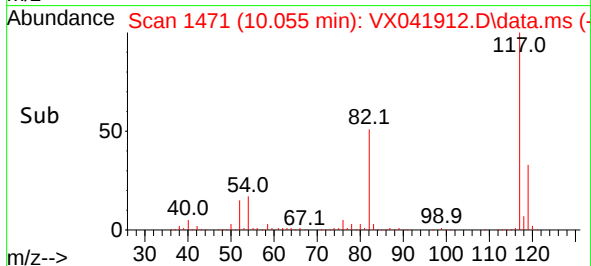
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:117 Resp: 26015
Ion Ratio Lower Upper
117 100
82 50.6 46.2 69.4
119 32.6 25.5 38.3

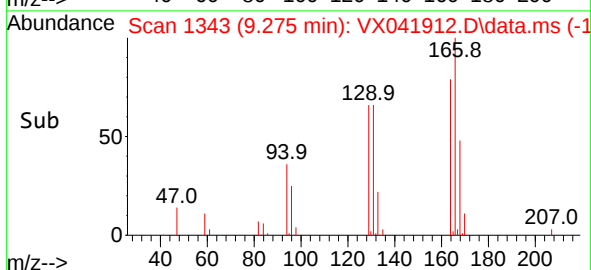
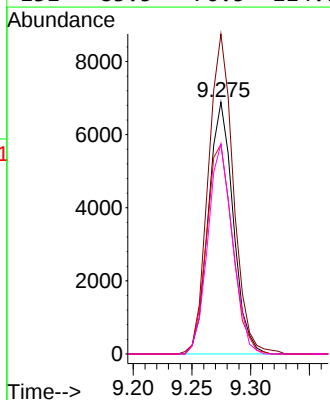
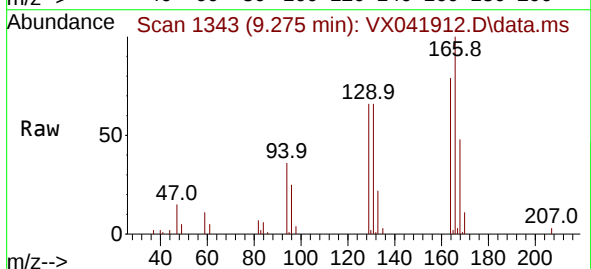
Manual Integrations
APPROVED

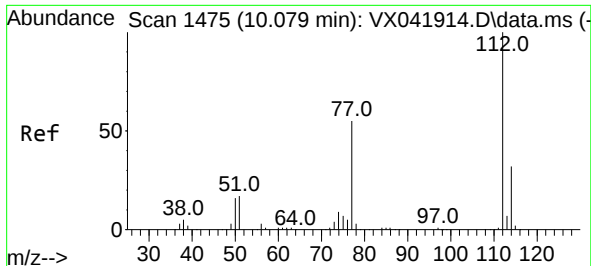
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#64
Tetrachloroethene
Concen: 5.322 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Tgt Ion:164 Resp: 10081
Ion Ratio Lower Upper
164 100
166 127.1 102.7 154.1
129 83.3 80.4 120.6
131 83.5 76.5 114.7





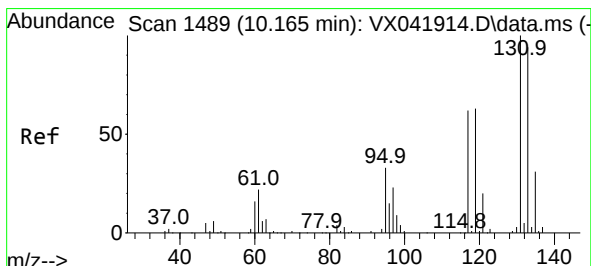
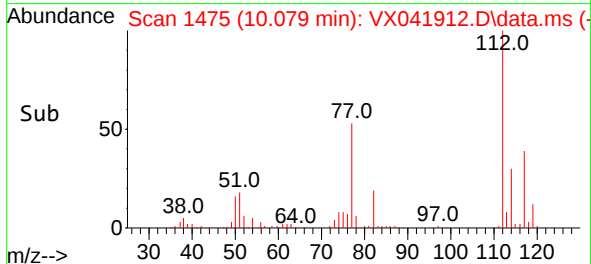
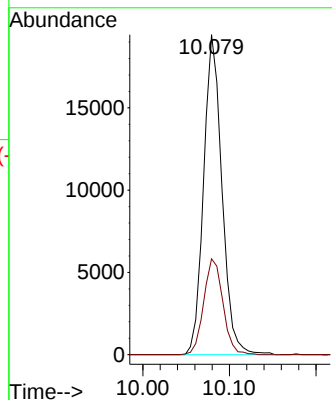
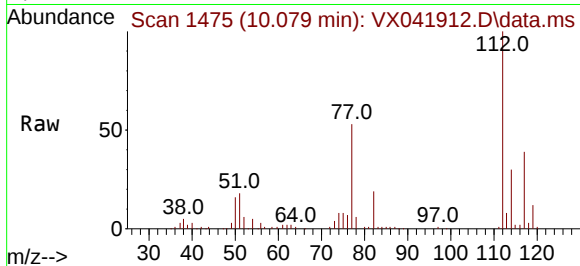
#65
Chlorobenzene
Concen: 5.284 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 28590
Ion Ratio Lower Upper
112 100
114 29.9 25.7 38.5

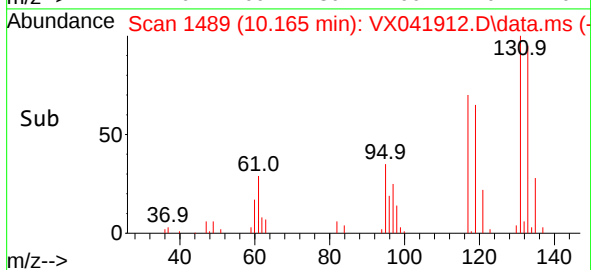
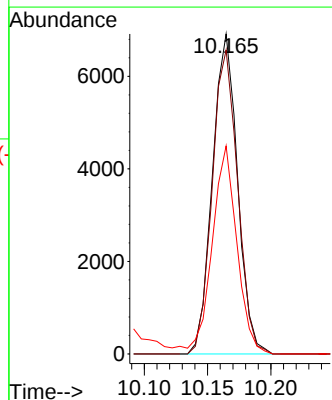
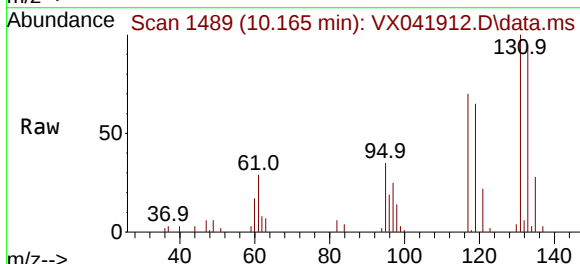
Manual Integrations
APPROVED

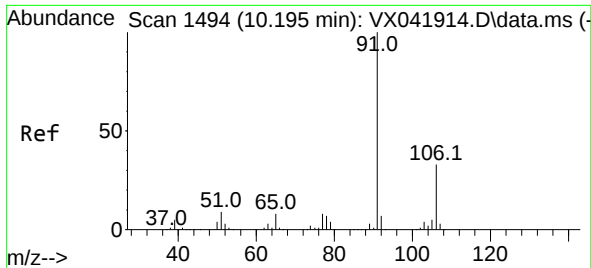
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 5.032 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Tgt Ion:131 Resp: 9533
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 64.7 32.2 96.6





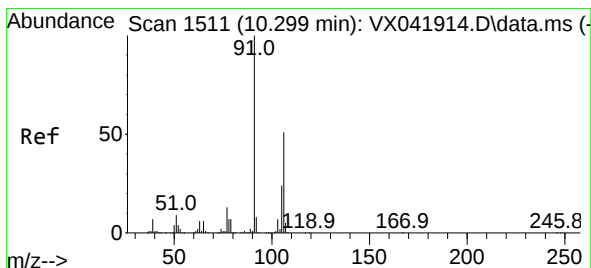
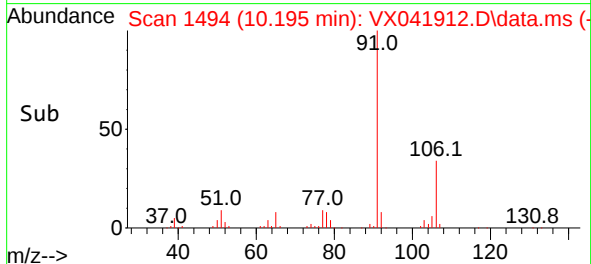
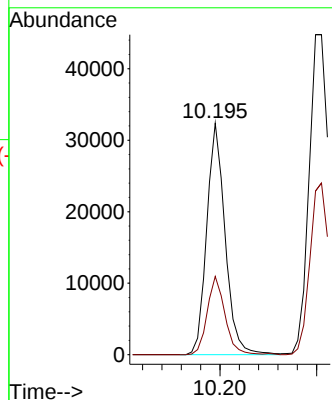
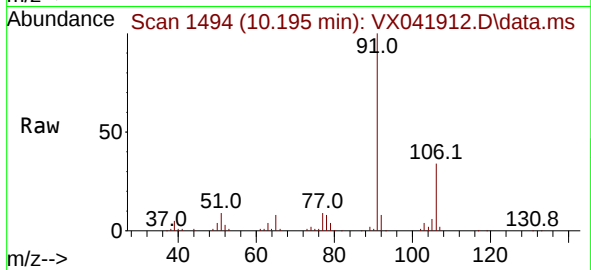
#67
Ethyl Benzene
Concen: 5.064 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 42930
Ion Ratio Lower Upper
91 100
106 33.8 24.9 37.3

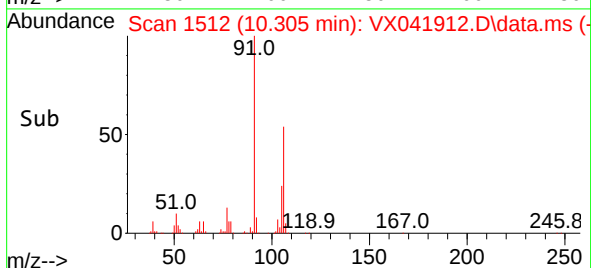
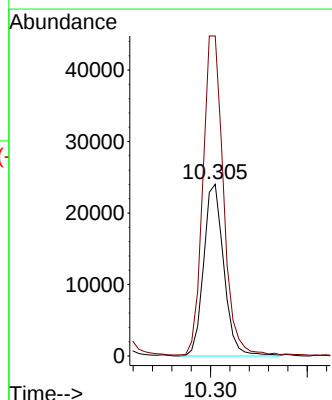
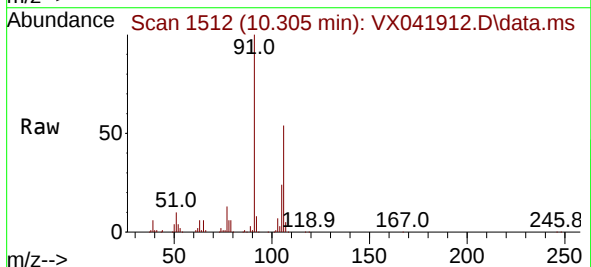
Manual Integrations
APPROVED

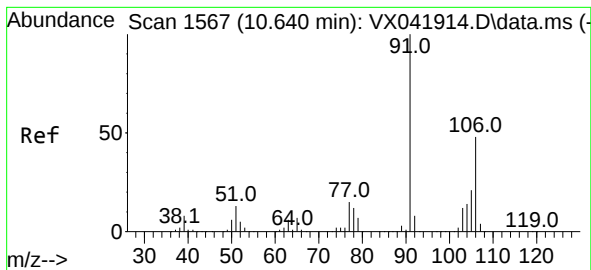
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#68
m/p-Xylenes
Concen: 10.179 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Tgt Ion:106 Resp: 34842
Ion Ratio Lower Upper
106 100
91 190.9 165.5 248.3





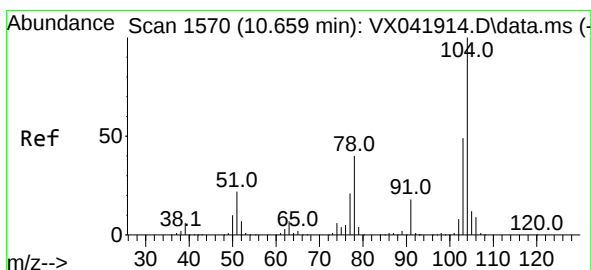
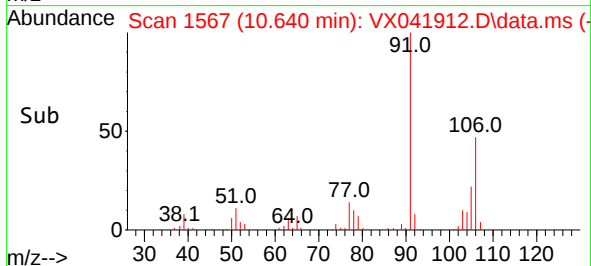
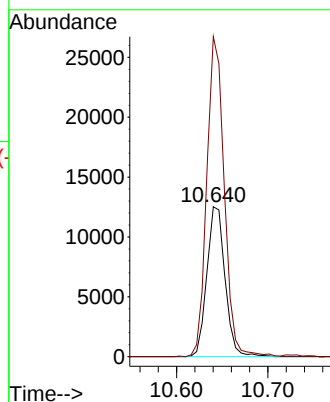
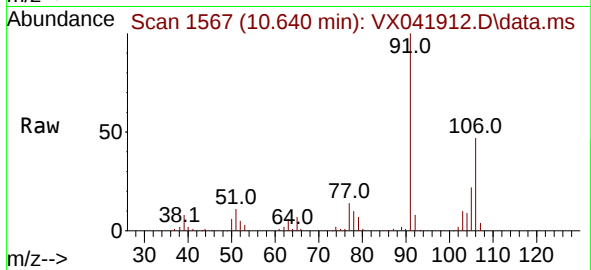
#69
o-Xylene
Concen: 5.100 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 1728
Ion Ratio Lower Upper
106 100
91 205.3 108.9 326.8

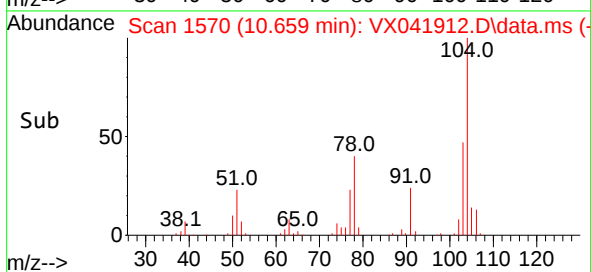
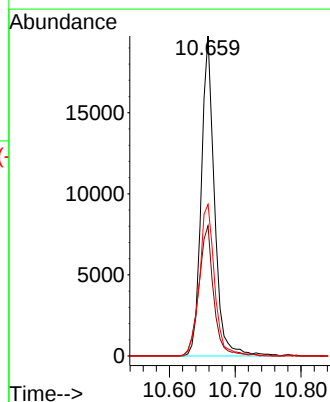
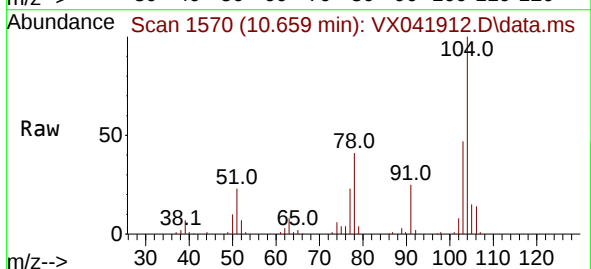
Manual Integrations
APPROVED

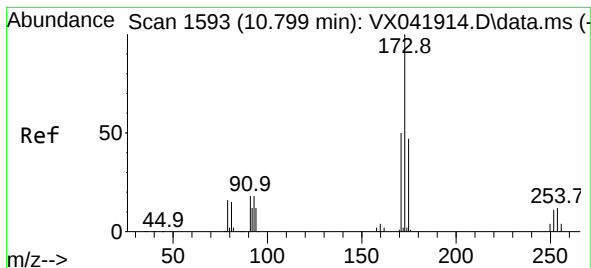
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#70
Styrene
Concen: 4.848 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Tgt Ion:104 Resp: 27549
Ion Ratio Lower Upper
104 100
78 45.6 43.6 65.4
103 54.5 43.6 65.4





#71

Bromoform

Concen: 5.033 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

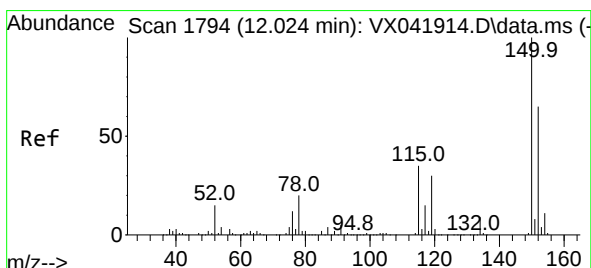
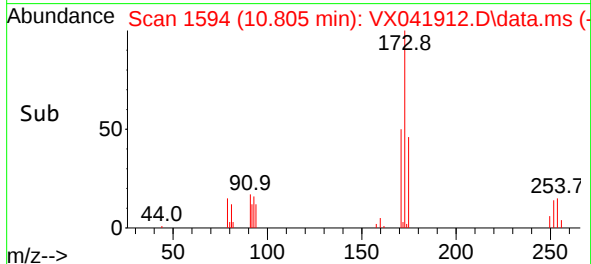
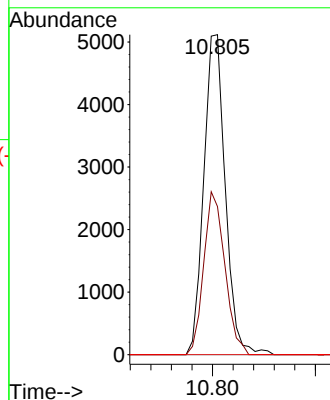
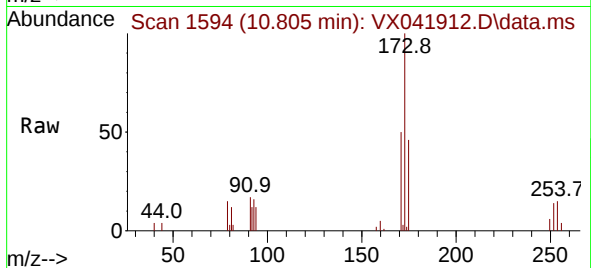
Tgt Ion:173	Resp:	743
Ion Ratio	Lower	Upper
173	100	
175	50.1	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

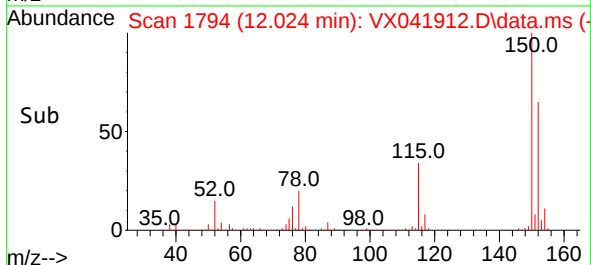
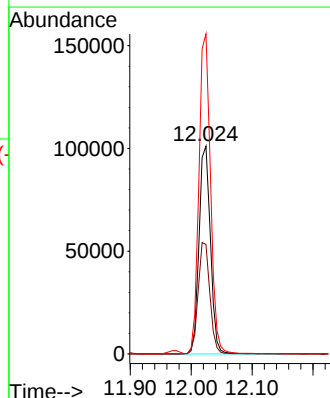
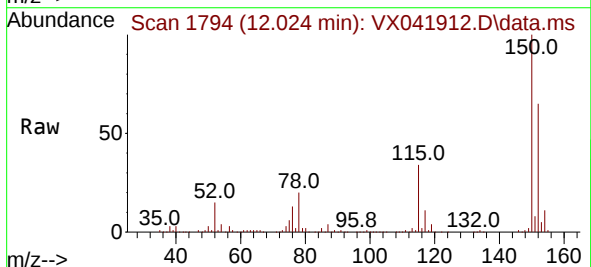
RT: 12.024 min Scan# 1794

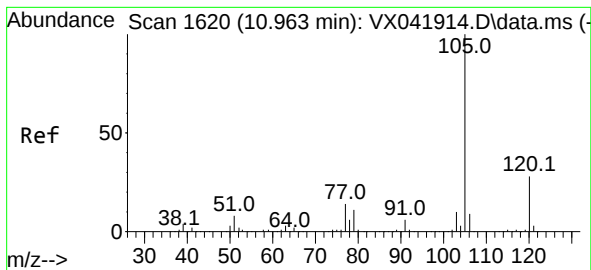
Delta R.T. -0.000 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Tgt Ion:152	Resp:	131345
Ion Ratio	Lower	Upper
152	100	
115	55.3	43.3 129.9
150	156.2	0.0 345.0





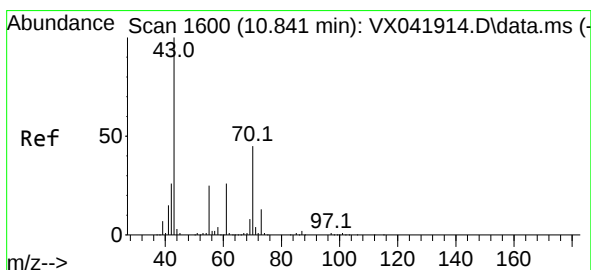
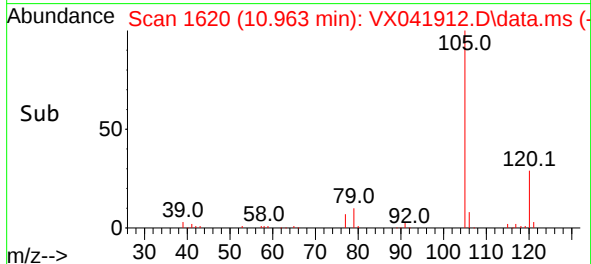
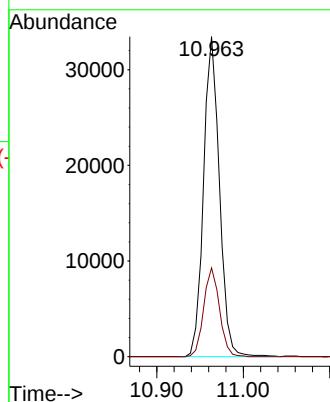
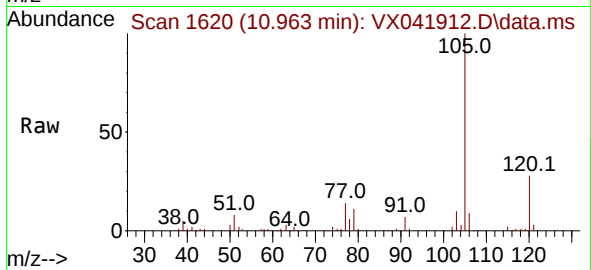
#73
Isopropylbenzene
Concen: 5.331 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 42579
Ion Ratio Lower Upper
105 100
120 27.5 12.9 38.6

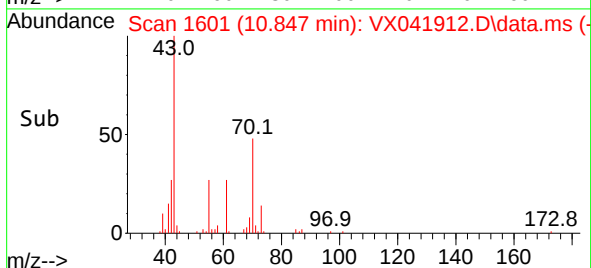
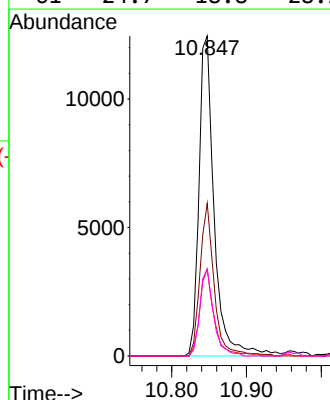
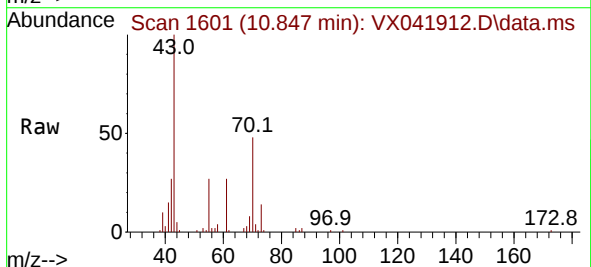
Manual Integrations
APPROVED

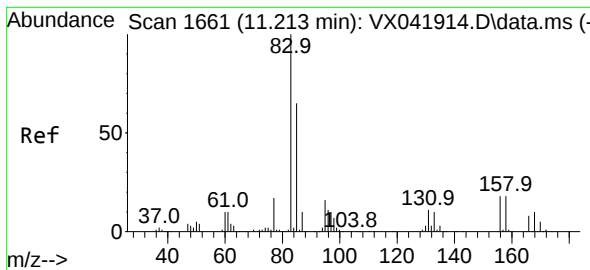
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#74
N-ethyl acetate
Concen: 4.960 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Tgt Ion: 43 Resp: 17597
Ion Ratio Lower Upper
43 100
70 44.5 32.9 49.3
55 25.6 19.3 28.9
61 24.7 18.8 28.2





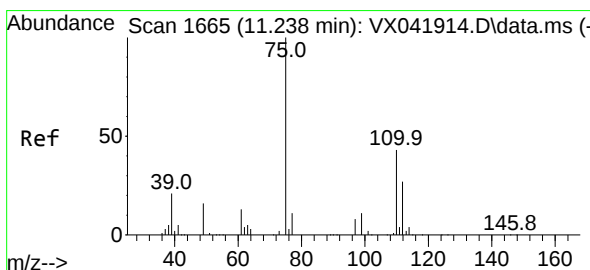
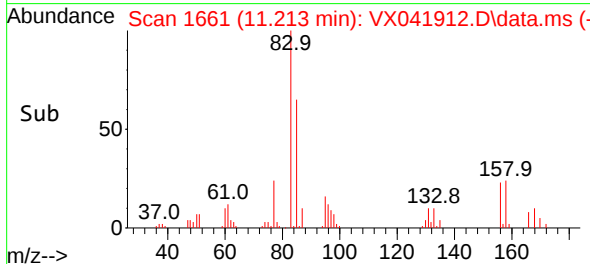
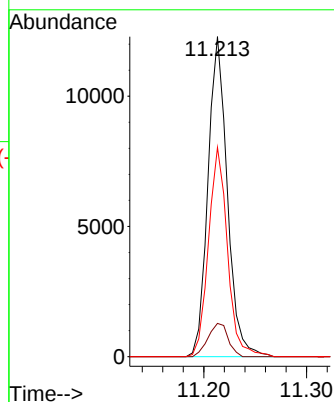
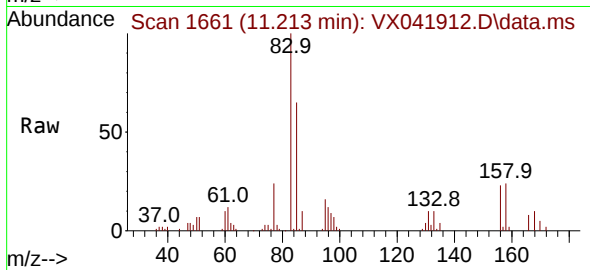
#75
1,1,2,2-Tetrachloroethane
Concen: 5.403 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 1604
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.8
85 64.3 32.0 96.2

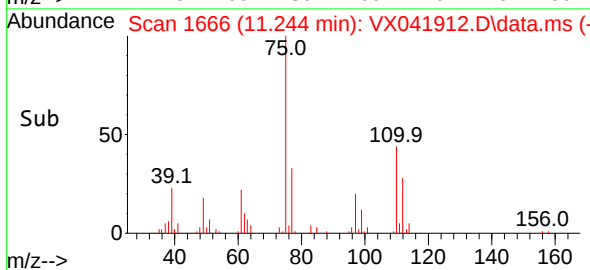
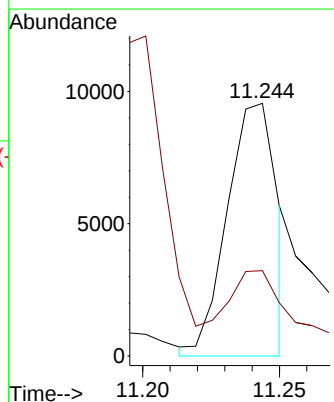
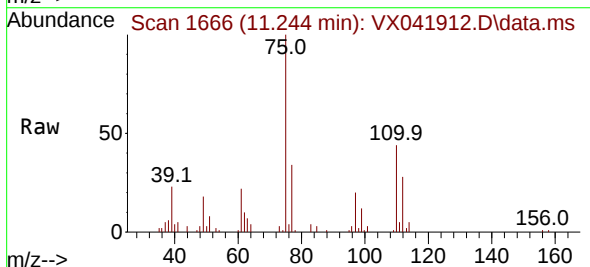
Manual Integrations
APPROVED

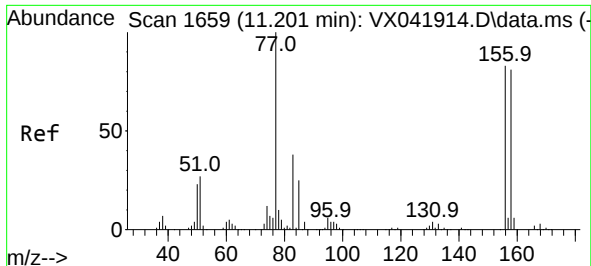
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#76
1,2,3-Trichloropropane
Concen: 5.068 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

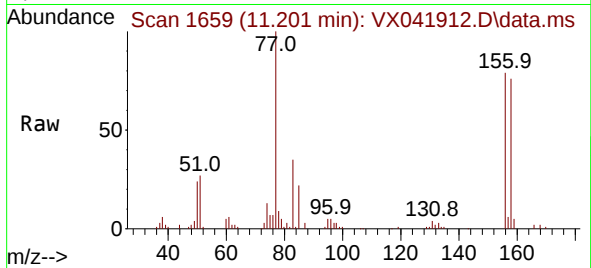
Tgt Ion: 75 Resp: 12085
Ion Ratio Lower Upper
75 100
77 44.9 19.1 57.5





#77
Bromobenzene
Concen: 5.271 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

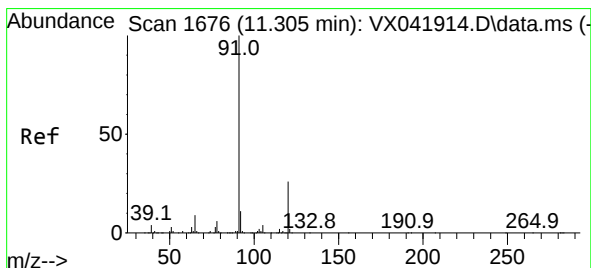
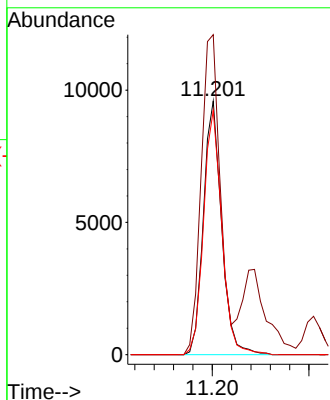
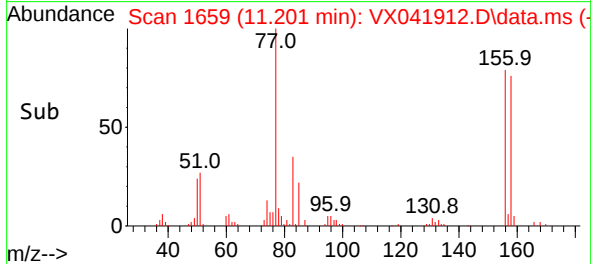
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



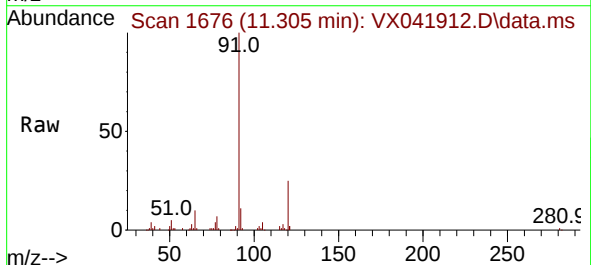
Tgt Ion:156 Resp: 12538
Ion Ratio Lower Upper
156 100
77 131.5 88.4 265.3
158 97.2 48.0 144.0

Manual Integrations
APPROVED

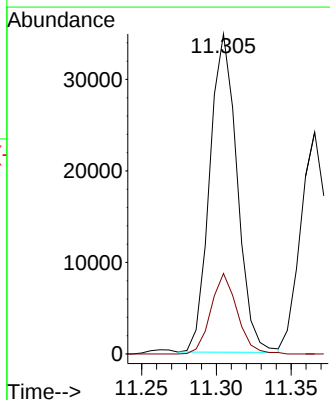
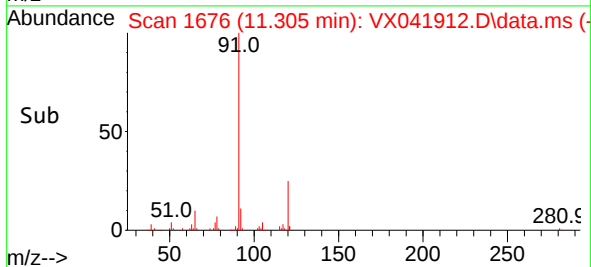
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

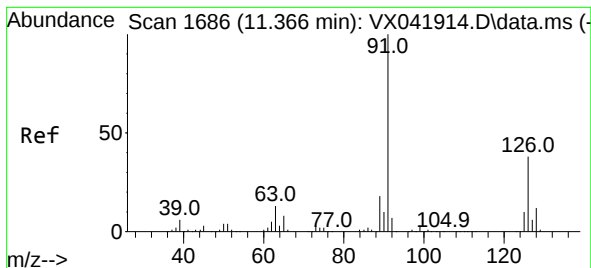


#78
n-propylbenzene
Concen: 5.117 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53



Tgt Ion: 91 Resp: 44343
Ion Ratio Lower Upper
91 100
120 24.2 11.5 34.4





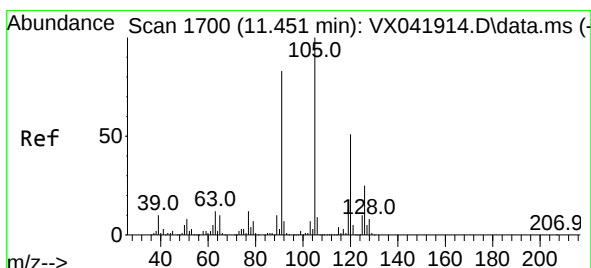
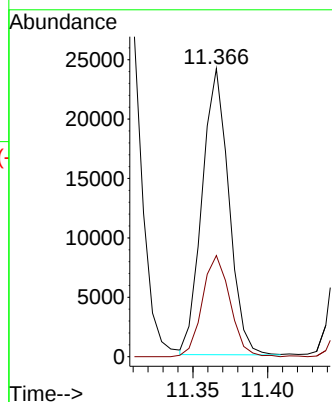
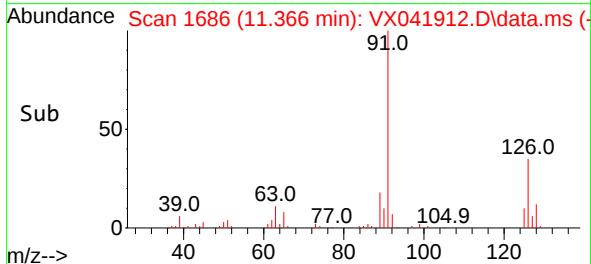
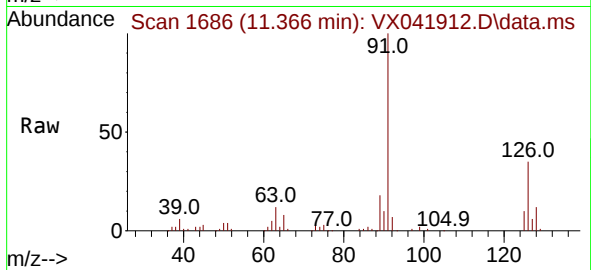
#79
2-Chlorotoluene
Concen: 5.379 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 30030
Ion Ratio Lower Upper
91 100
126 36.5 16.3 48.8

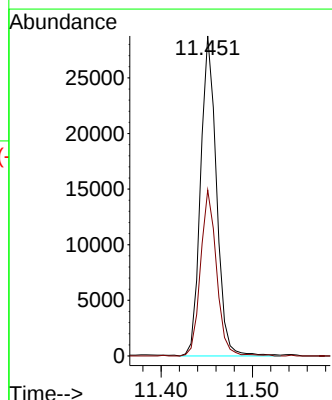
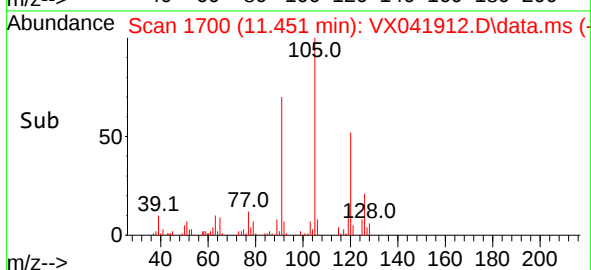
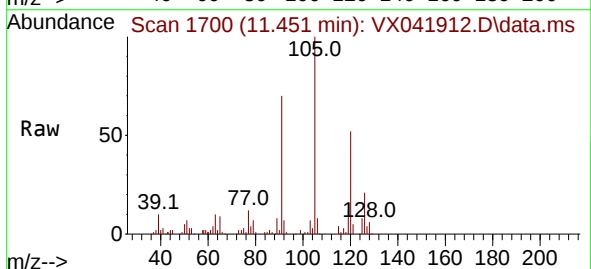
Manual Integrations
APPROVED

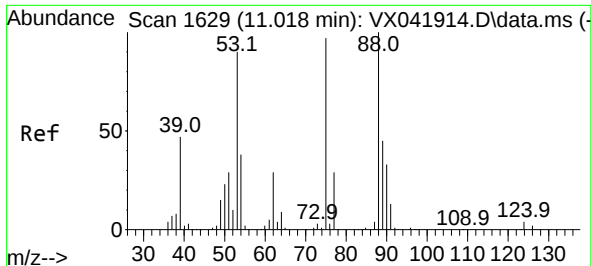
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.228 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

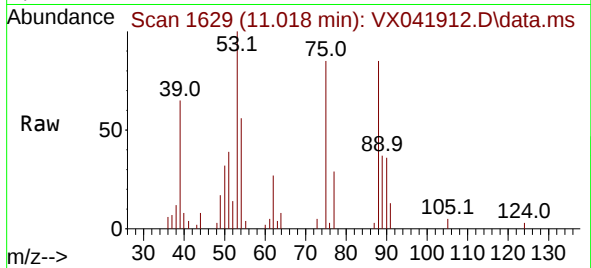
Tgt Ion:105 Resp: 34779
Ion Ratio Lower Upper
105 100
120 52.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 3.935 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

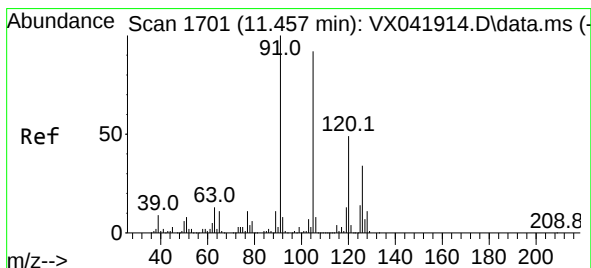
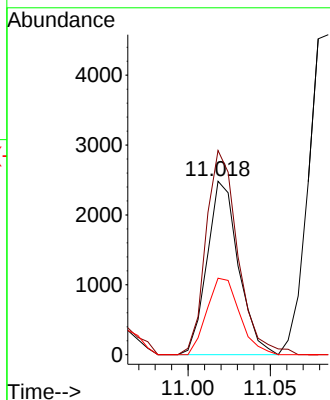
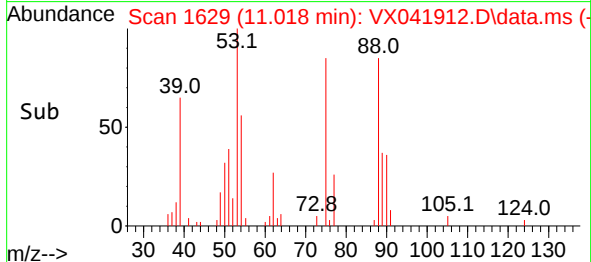
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 3304
Ion Ratio Lower Upper
75 100
53 119.4 90.5 135.7
89 46.1 36.9 55.3

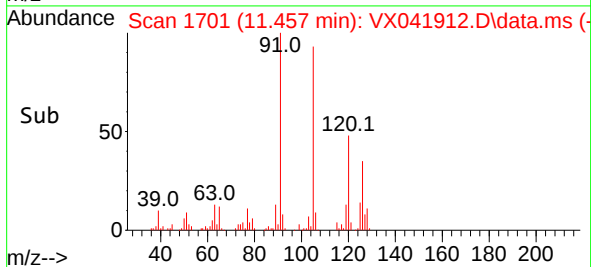
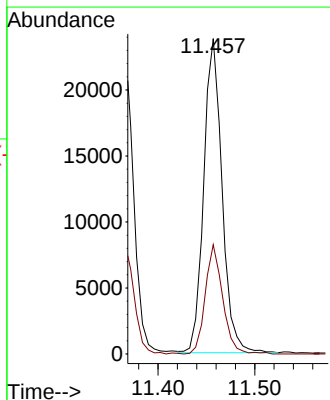
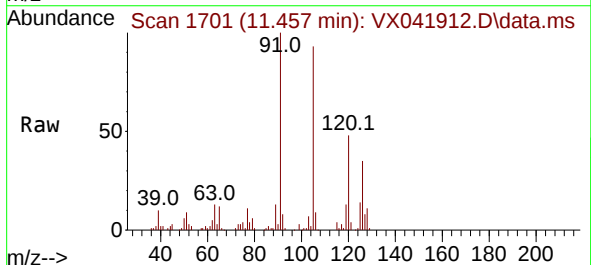
Manual Integrations
APPROVED

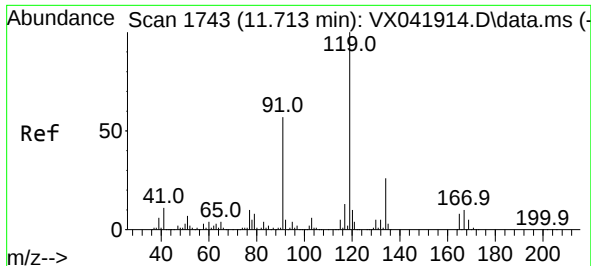
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#82
4-Chlorotoluene
Concen: 5.081 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

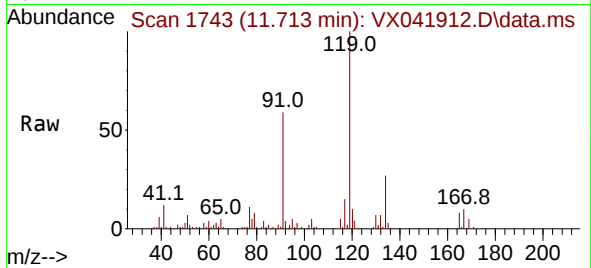
Tgt Ion: 91 Resp: 31357
Ion Ratio Lower Upper
91 100
126 33.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 5.223 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

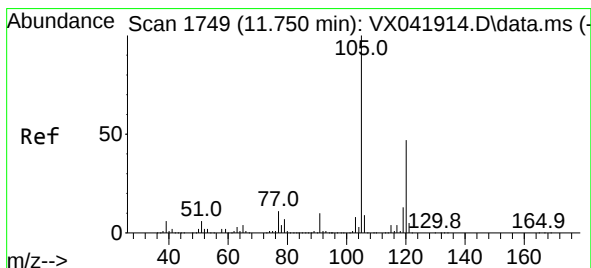
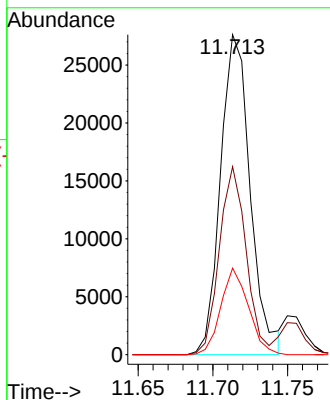
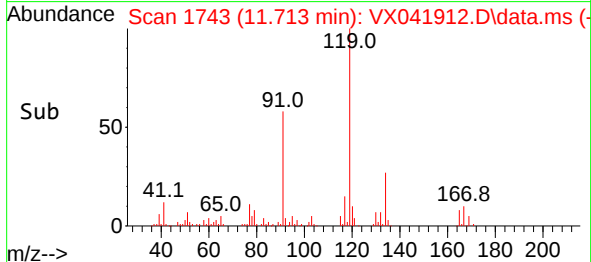
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:119 Resp: 38124
Ion Ratio Lower Upper
119 100
91 53.2 31.2 93.6
134 25.2 11.7 35.0

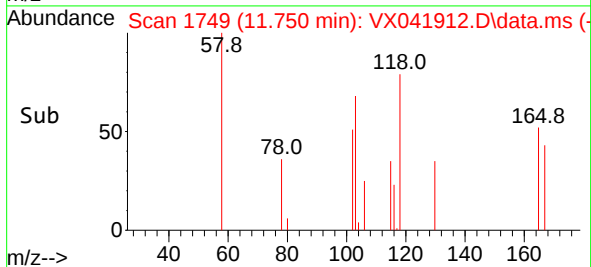
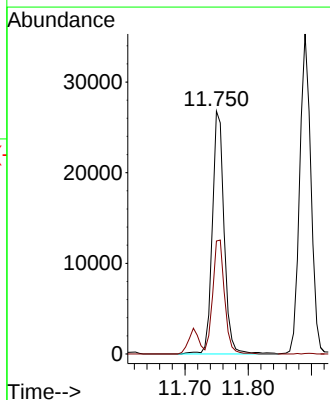
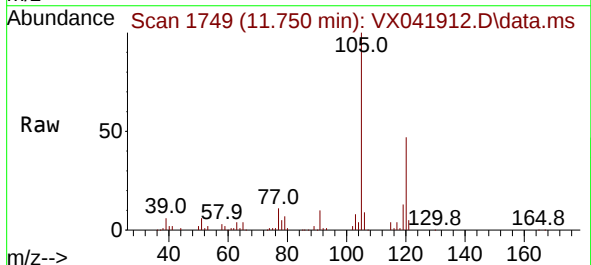
Manual Integrations
APPROVED

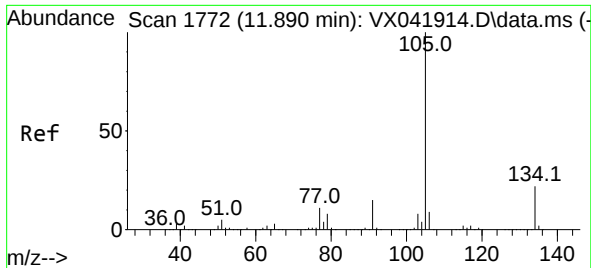
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#84
1,2,4-Trimethylbenzene
Concen: 5.205 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Tgt Ion:105 Resp: 34739
Ion Ratio Lower Upper
105 100
120 46.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 5.247 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX041912.D
 Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

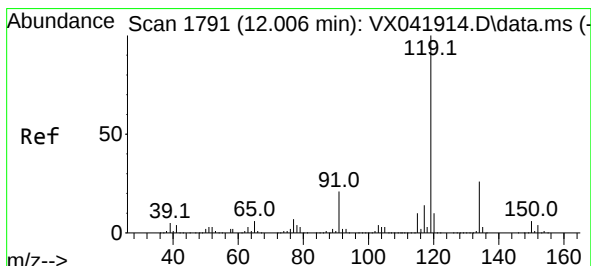
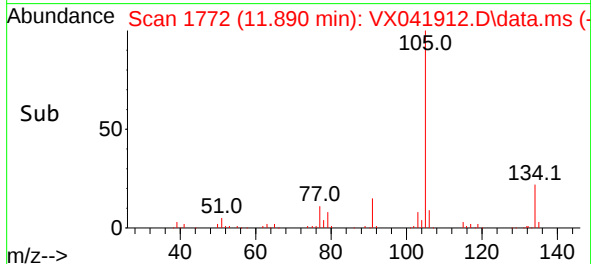
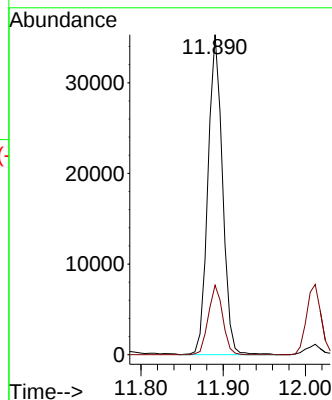
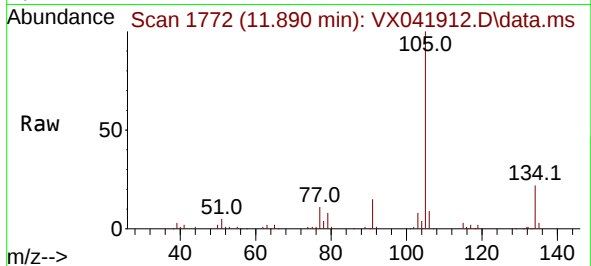
Tgt Ion:105 Resp: 43319
 Ion Ratio Lower Upper
 105 100
 134 21.4 9.8 29.4

Manual Integrations

APPROVED

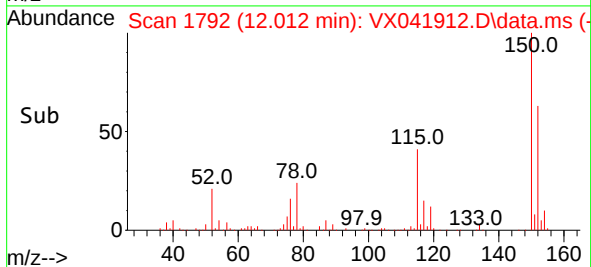
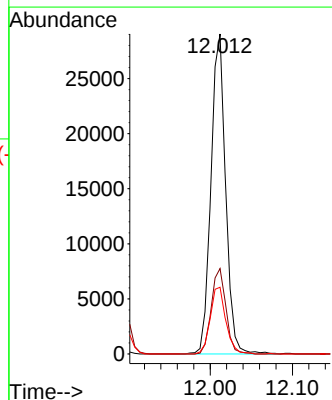
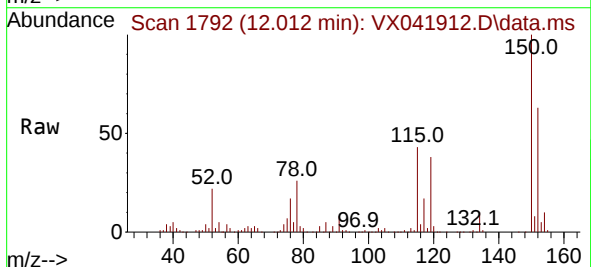
Reviewed By :John Carlone 06/19/2024

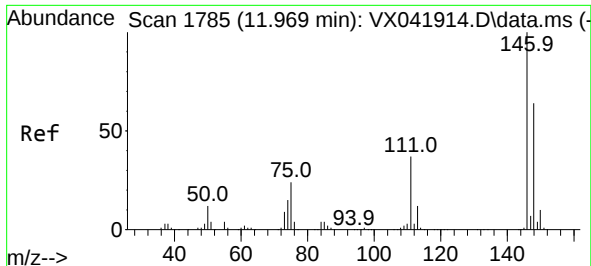
Supervised By :Mahesh Dadoda 06/19/2024



#86
 p-Isopropyltoluene
 Concen: 4.992 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX041912.D
 Acq: 18 Jun 2024 09:53

Tgt Ion:119 Resp: 36000
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.8 38.3
 91 22.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 5.126 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 2143

Ion Ratio Lower Upper

146 100

111 38.1 22.1 66.1

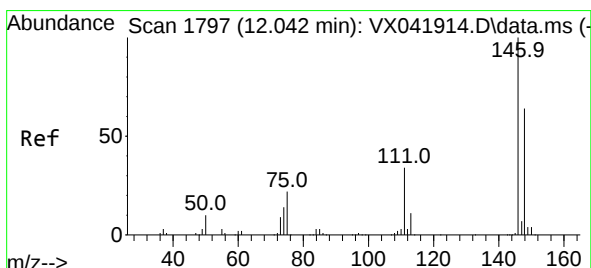
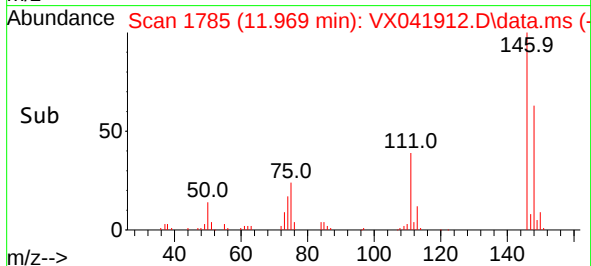
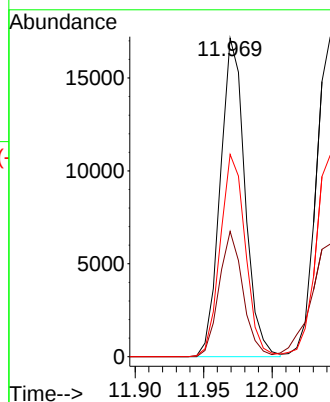
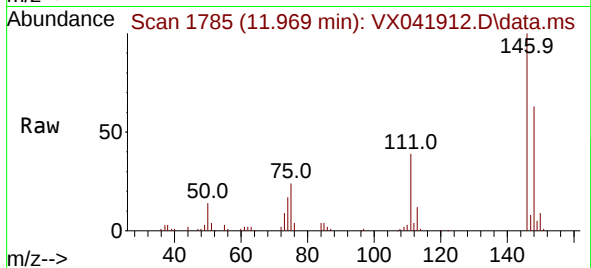
148 64.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#88

1,4-Dichlorobenzene

Concen: 5.286 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

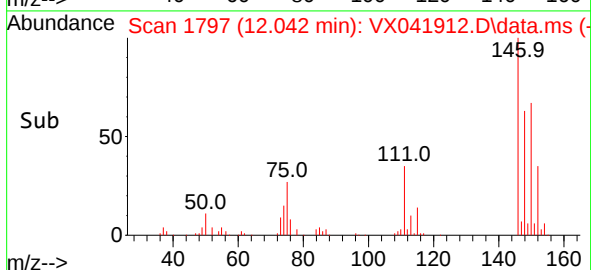
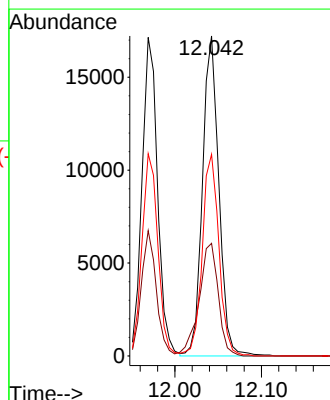
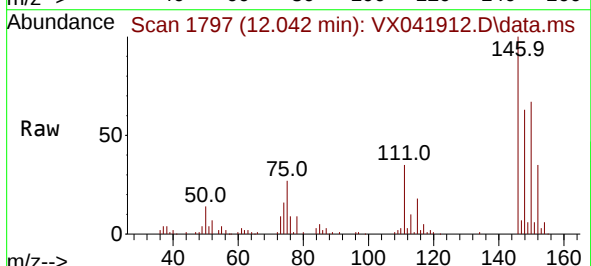
Tgt Ion:146 Resp: 22620

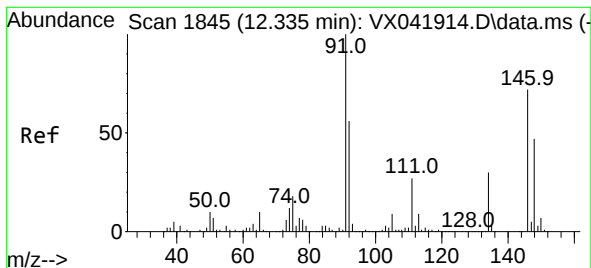
Ion Ratio Lower Upper

146 100

111 41.3 21.3 63.7

148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 4.658 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

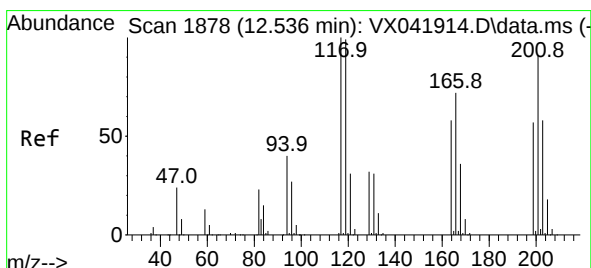
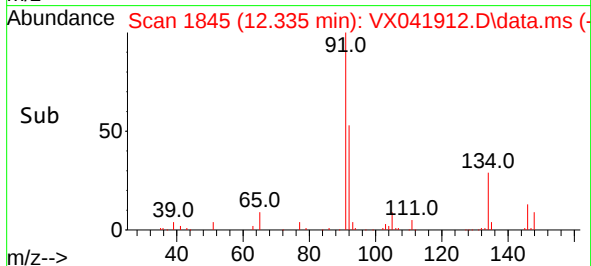
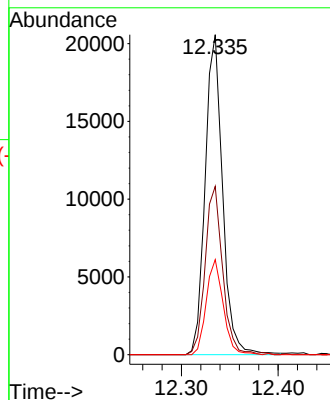
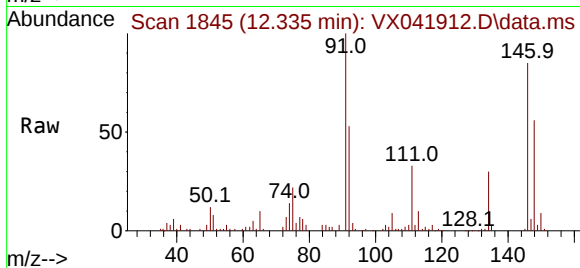
Tgt Ion: 91	Resp: 2585
Ion Ratio	Lower Upper
91	100
92	52.9 27.4 82.0
134	28.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#90

Hexachloroethane

Concen: 4.893 ug/l

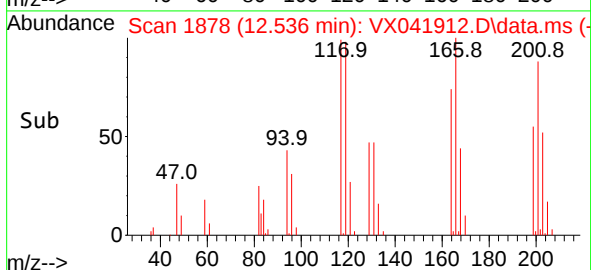
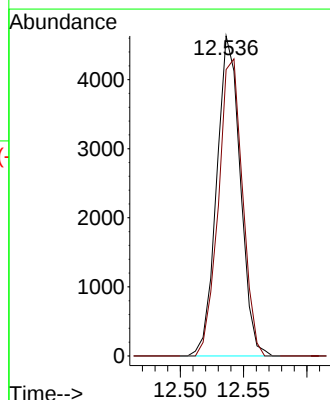
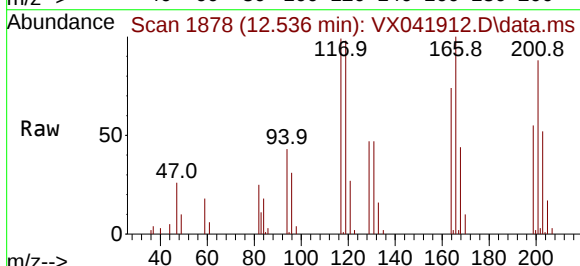
RT: 12.536 min Scan# 1878

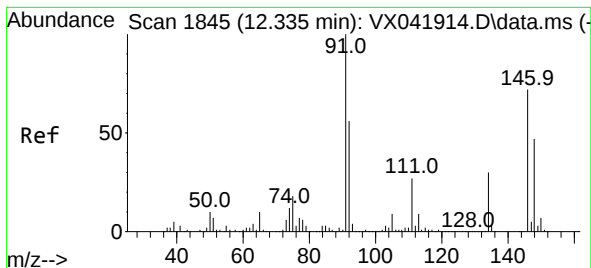
Delta R.T. -0.000 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Tgt Ion: 117	Resp: 6008
Ion Ratio	Lower Upper
117	100
201	94.4 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 5.319 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

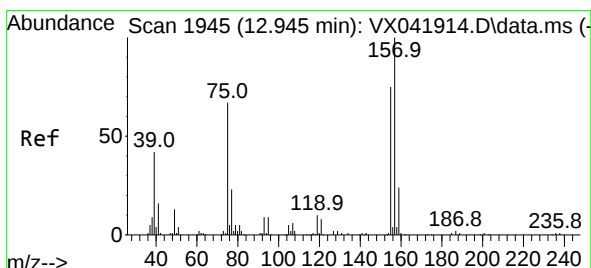
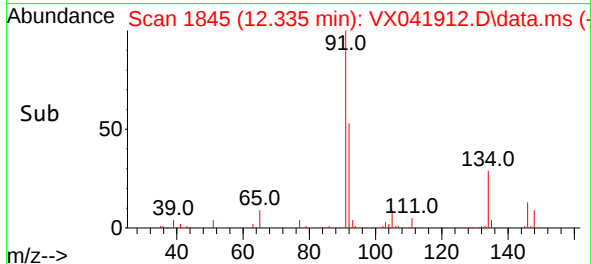
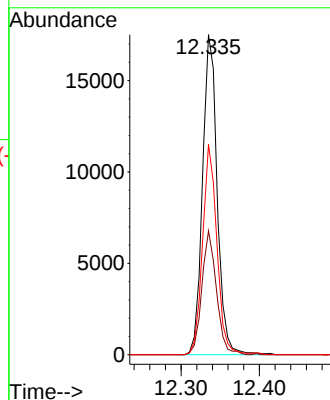
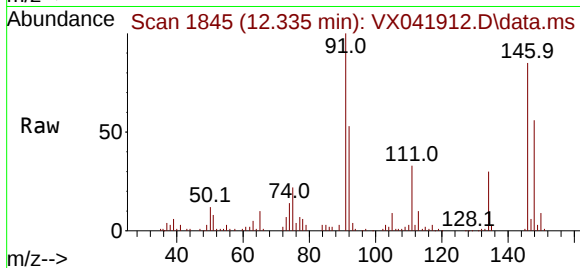
Tgt Ion:146 Resp: 2275
 Ion Ratio Lower Upper
 146 100
 111 38.4 22.4 67.0
 148 64.5 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.685 ug/l

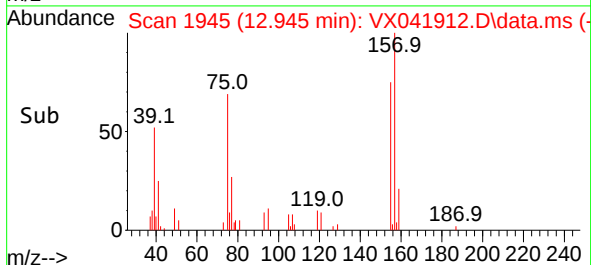
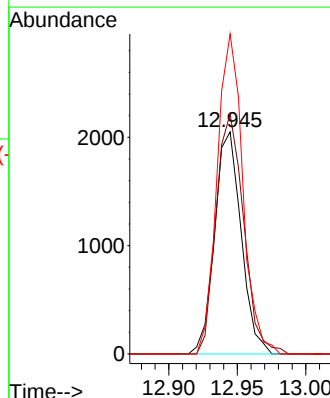
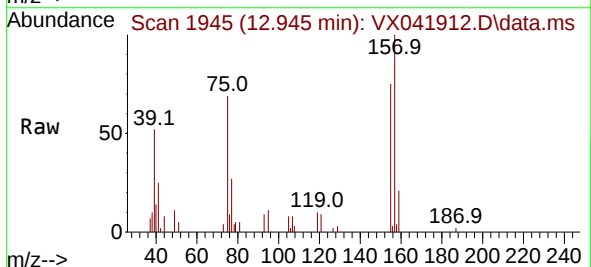
RT: 12.945 min Scan# 1945

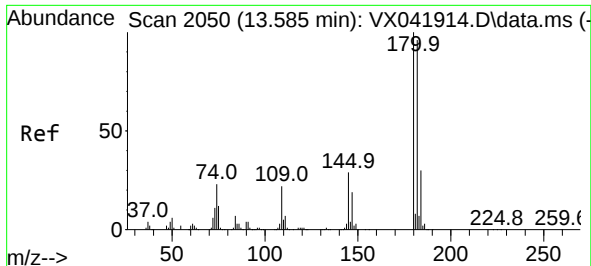
Delta R.T. -0.000 min

Lab File: VX041912.D

Acq: 18 Jun 2024 09:53

Tgt Ion: 75 Resp: 2757
 Ion Ratio Lower Upper
 75 100
 155 112.5 36.1 108.5#
 157 139.2 44.9 134.7#





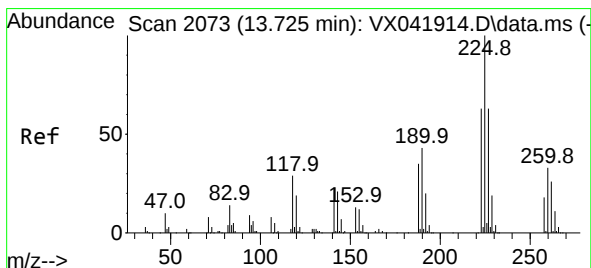
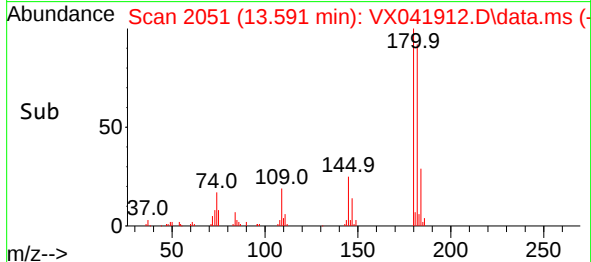
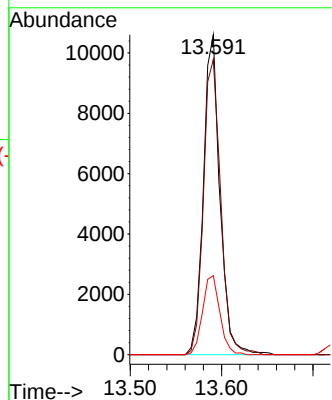
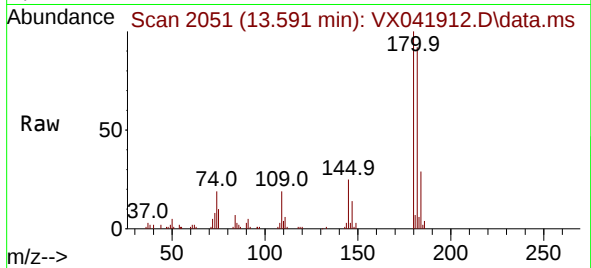
#93
1,2,4-Trichlorobenzene
Concen: 4.740 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 13284
Ion Ratio Lower Upper
180 100
182 96.1 48.3 144.8
145 25.9 18.0 54.0

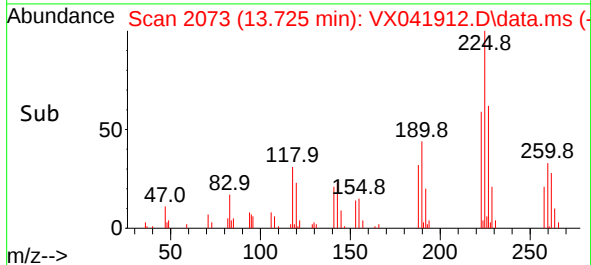
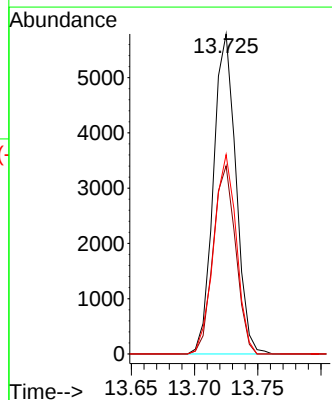
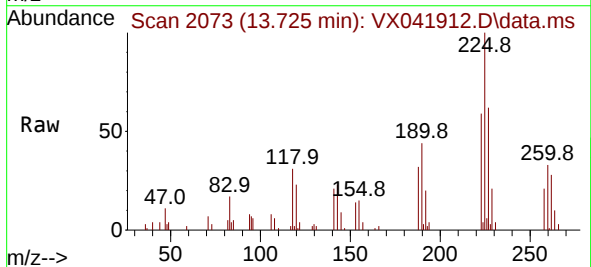
Manual Integrations
APPROVED

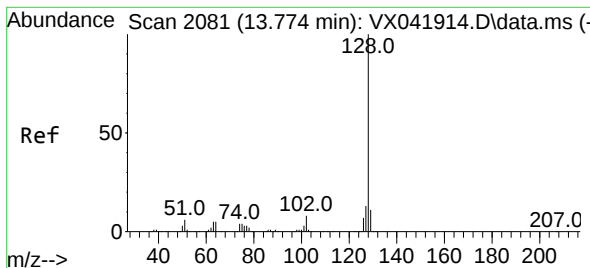
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#94
Hexachlorobutadiene
Concen: 5.050 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

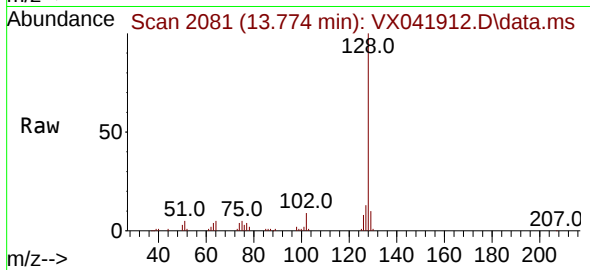
Tgt Ion:225 Resp: 7157
Ion Ratio Lower Upper
225 100
223 58.7 31.1 93.2
227 62.5 32.5 97.5





#95
Naphthalene
Concen: 4.964 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53

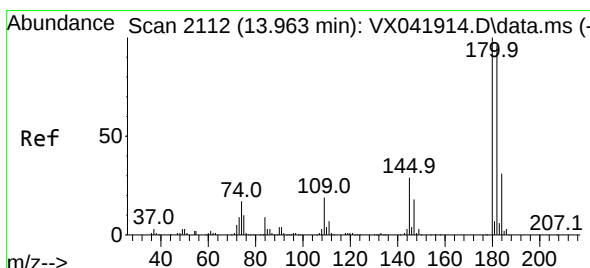
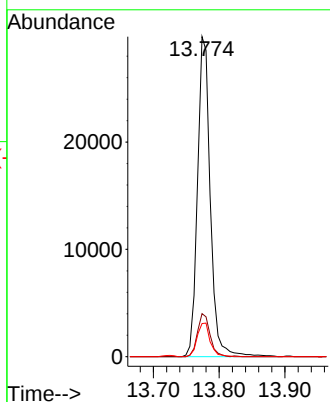
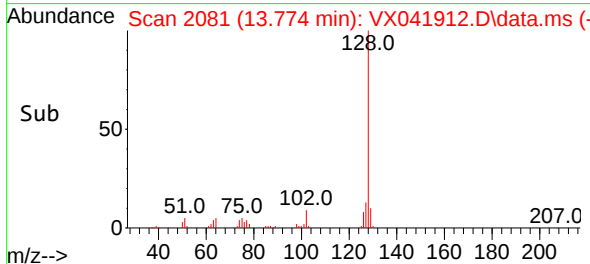
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



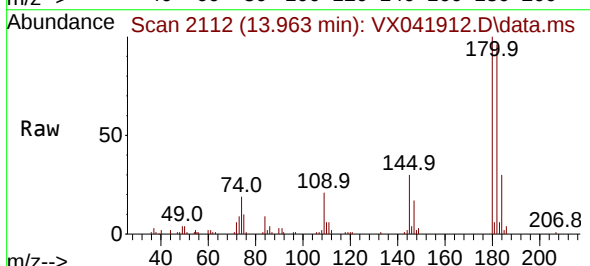
Tgt Ion:128 Resp: 40305
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.6 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 4.783 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX041912.D
Acq: 18 Jun 2024 09:53



Tgt Ion:180 Resp: 14136
Ion Ratio Lower Upper
180 100
182 97.5 46.9 140.6
145 29.7 17.8 53.5

