

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041921.D
 Acq On : 18 Jun 2024 14:22
 Operator : JC/MD
 Sample : VX0618WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01

Quant Time: Jun 19 08:10:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	191469	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	278684	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107373	48.632	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.260%		
35) Dibromofluoromethane	5.385	113	97963	49.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.080%		
50) Toluene-d8	8.647	98	350247	50.419	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.840%		
62) 4-Bromofluorobenzene	11.079	95	128989	50.372	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.740%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	28188	19.324	ug/l	90
3) Chloromethane	1.307	50	34560	18.886	ug/l	98
4) Vinyl Chloride	1.374	62	35340	19.265	ug/l	100
5) Bromomethane	1.593	94	16154	17.834	ug/l	95
6) Chloroethane	1.666	64	17395	21.026	ug/l	97
7) Trichlorofluoromethane	1.868	101	52453	21.825	ug/l	100
8) Diethyl Ether	2.136	74	22270	19.740	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.313	101	32290	19.504	ug/l	87
10) Methyl Iodide	2.441	142	42350	20.581	ug/l #	87
11) Tert butyl alcohol	3.002	59	40772	97.304	ug/l #	91
12) 1,1-Dichloroethene	2.307	96	32248	19.527	ug/l	83
13) Acrolein	2.240	56	45196	96.223	ug/l	99
14) Allyl chloride	2.654	41	52693	20.119	ug/l	90
15) Acrylonitrile	3.075	53	113833	104.007	ug/l	99
16) Acetone	2.392	43	90602	93.454	ug/l #	88
17) Carbon Disulfide	2.502	76	60367	17.928	ug/l	99
18) Methyl Acetate	2.709	43	58030	21.942	ug/l	97
19) Methyl tert-butyl Ether	3.124	73	110505	20.254	ug/l	100
20) Methylene Chloride	2.788	84	38670	18.216	ug/l	89
21) trans-1,2-Dichloroethene	3.081	96	32596	19.448	ug/l	88
22) Diisopropyl ether	3.770	45	112339	20.292	ug/l	86
23) Vinyl Acetate	3.727	43	484674	102.514	ug/l	95
24) 1,1-Dichloroethane	3.605	63	62377	20.120	ug/l	98
25) 2-Butanone	4.574	43	154319	102.315	ug/l	94
26) 2,2-Dichloropropane	4.477	77	45903	20.446	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	42087	20.049	ug/l	86
28) Bromochloromethane	4.904	49	23039	17.350	ug/l #	73
29) Tetrahydrofuran	5.020	42	101859	104.568	ug/l	96
30) Chloroform	5.093	83	64638	20.013	ug/l	96
31) Cyclohexane	5.465	56	48809	18.903	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	53815	19.940	ug/l	96
36) 1,1-Dichloropropene	5.690	75	41101	19.574	ug/l	95
37) Ethyl Acetate	4.727	43	57252	20.931	ug/l	98
38) Carbon Tetrachloride	5.678	117	45446	19.588	ug/l	97
39) Methylcyclohexane	7.379	83	51353	19.338	ug/l	93
40) Benzene	6.038	78	140482	19.837	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	31833	21.469	ug/l	93
42) 1,2-Dichloroethane	6.086	62	46007	20.168	ug/l	91
43) Isopropyl Acetate	6.349	43	83114	19.796	ug/l #	94
44) Trichloroethene	7.129	130	37943	19.988	ug/l	86
45) 1,2-Dichloropropane	7.434	63	35534	20.406	ug/l	99
46) Dibromomethane	7.580	93	25798	20.333	ug/l #	78
47) Bromodichloromethane	7.824	83	45946	19.724	ug/l	99
48) Methyl methacrylate	7.696	41	41351	20.637	ug/l	87
49) 1,4-Dioxane	7.672	88	20641	401.481	ug/l #	85
51) 4-Methyl-2-Pentanone	8.580	43	304286	105.210	ug/l	95
52) Toluene	8.720	92	91018	20.183	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	45462	19.306	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	52154	20.450	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	38543	20.516	ug/l	98
56) Ethyl methacrylate	9.122	69	59270	20.279	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	62523	20.599	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	139030	102.079	ug/l	93
59) 2-Hexanone	9.433	43	235650	106.381	ug/l	92
60) Dibromochloromethane	9.525	129	40357	19.776	ug/l	99
61) 1,2-Dibromoethane	9.610	107	39965	20.513	ug/l	99
64) Tetrachloroethene	9.275	164	35798	19.470	ug/l	90
65) Chlorobenzene	10.080	112	105742	20.134	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	37816	20.566	ug/l	98
67) Ethyl Benzene	10.195	91	169841	20.635	ug/l	100
68) m/p-Xylenes	10.299	106	136356	41.039	ug/l	92
69) o-Xylene	10.640	106	68069	20.693	ug/l	91
70) Styrene	10.659	104	114823	20.816	ug/l	94
71) Bromoform	10.799	173	32451	19.326	ug/l #	99
73) Isopropylbenzene	10.964	105	173620	21.357	ug/l	96
74) N-amyl acetate	10.842	43	75358	20.869	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.214	83	63918	21.146	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	49019m	20.196	ug/l	
77) Bromobenzene	11.201	156	49676	20.517	ug/l	79
78) n-propylbenzene	11.305	91	187512	21.258	ug/l	96
79) 2-Chlorotoluene	11.366	91	118767	20.898	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	144344	21.317	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	16364	19.147	ug/l	96
82) 4-Chlorotoluene	11.457	91	133791	21.296	ug/l	91
83) tert-Butylbenzene	11.713	119	159352	21.448	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	146944	21.631	ug/l	93
85) sec-Butylbenzene	11.890	105	178363	21.224	ug/l	95
86) p-Isopropyltoluene	12.006	119	156129	21.268	ug/l	94
87) 1,3-Dichlorobenzene	11.970	146	88135	20.710	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	87793	20.153	ug/l	95
89) n-Butylbenzene	12.335	91	114516	20.265	ug/l	97
90) Hexachloroethane	12.536	117	25263	20.214	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	91287	20.963	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12657	21.129	ug/l #	53
93) 1,2,4-Trichlorobenzene	13.591	180	57681	20.220	ug/l	95
94) Hexachlorobutadiene	13.725	225	29020	20.118	ug/l	98
95) Naphthalene	13.774	128	184908	19.749	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	62154	20.658	ug/l	97

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MSVOA_X
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VX0618WBS01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Jun 19 07:57:22 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

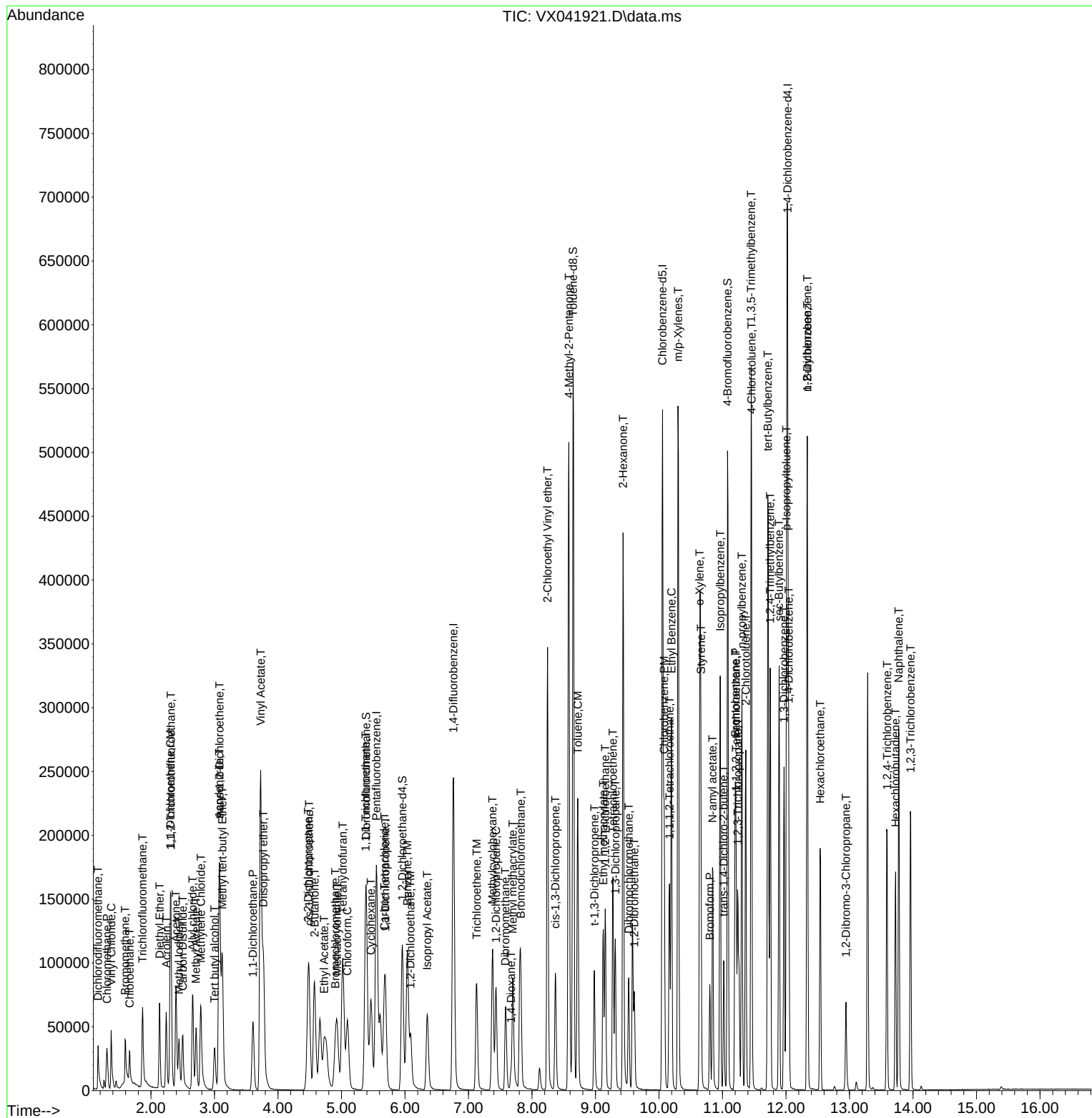
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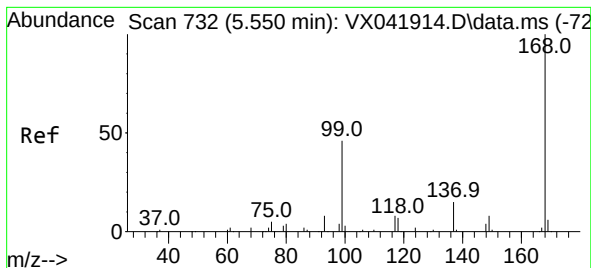
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX041921.D

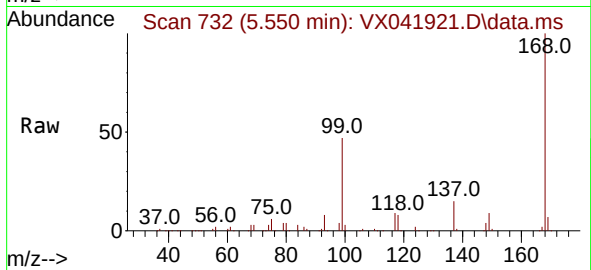
Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01



Tgt Ion:168 Resp: 191469

Ion Ratio Lower Upper

168 100

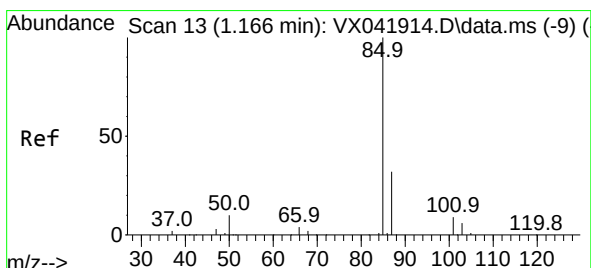
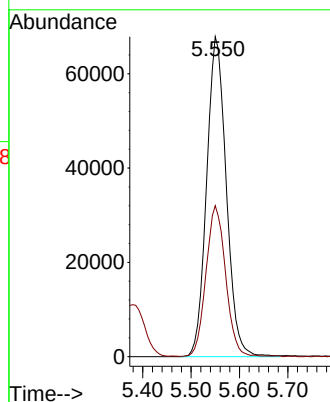
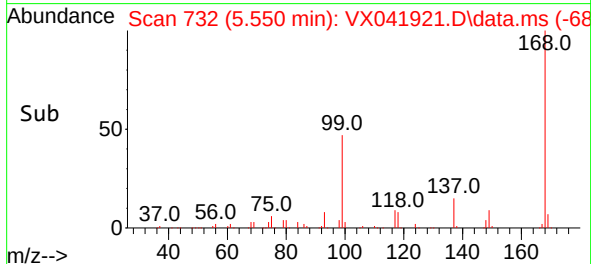
99 47.1 56.6 85.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 19.324 ug/l

RT: 1.167 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX041921.D

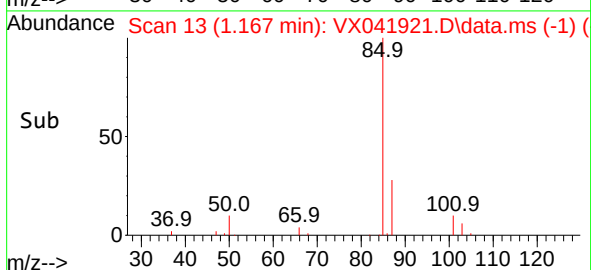
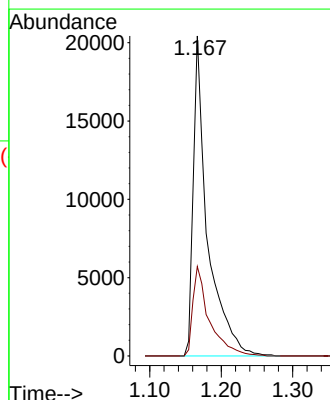
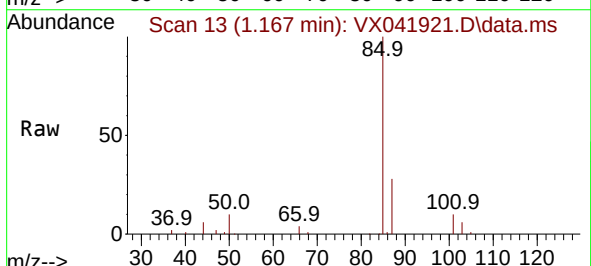
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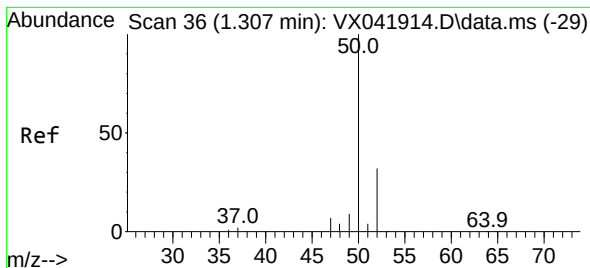
Tgt Ion: 85 Resp: 28188

Ion Ratio Lower Upper

85 100

87 28.0 16.7 50.1





#3

Chloromethane

Concen: 18.886 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tgt Ion: 50 Resp: 34560

Ion Ratio Lower Upper

50 100

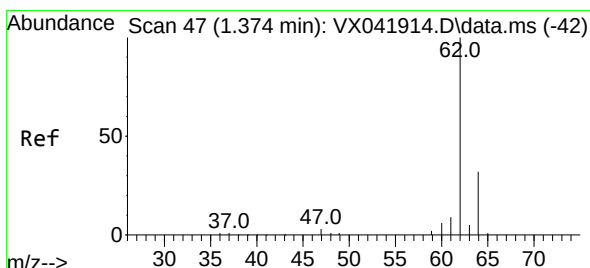
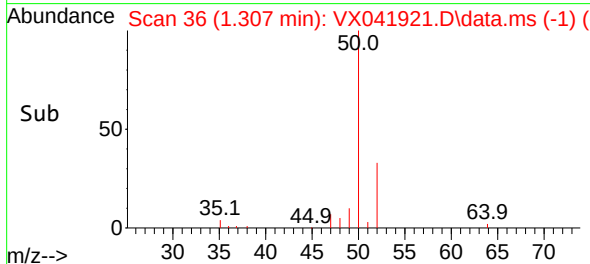
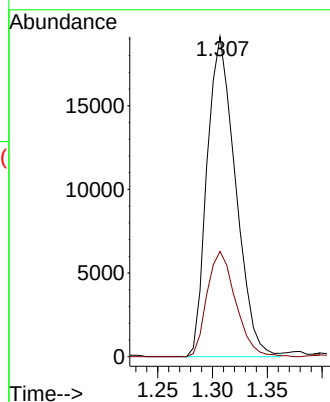
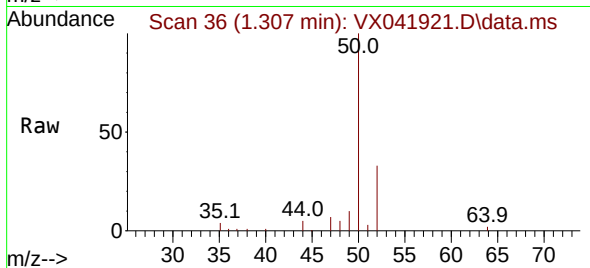
52 32.9 25.5 38.3

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 06/19/2024



#4

Vinyl Chloride

Concen: 19.265 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX041921.D

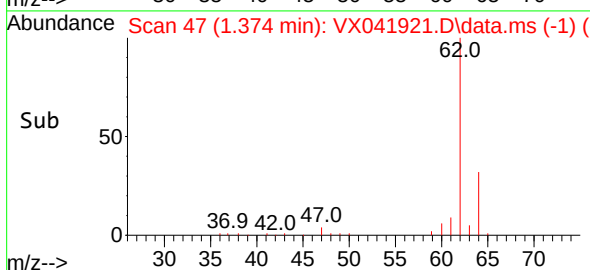
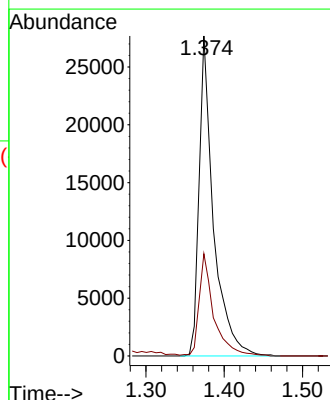
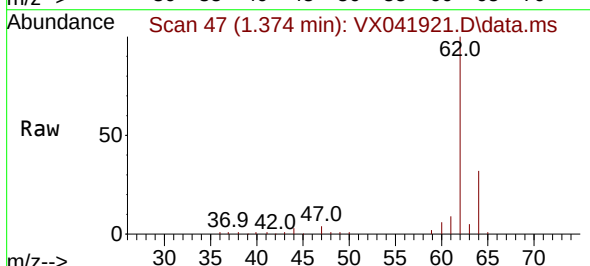
Acq: 18 Jun 2024 14:22

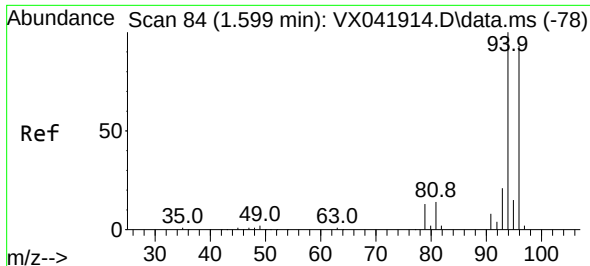
Tgt Ion: 62 Resp: 35340

Ion Ratio Lower Upper

62 100

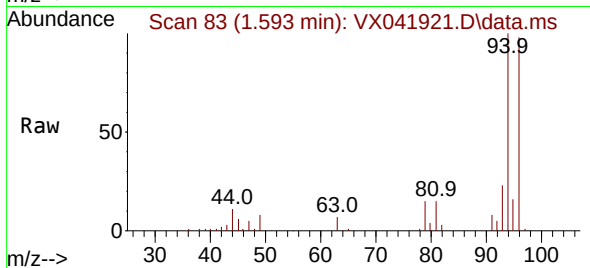
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 17.834 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

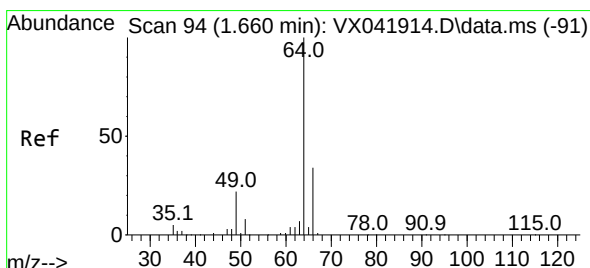
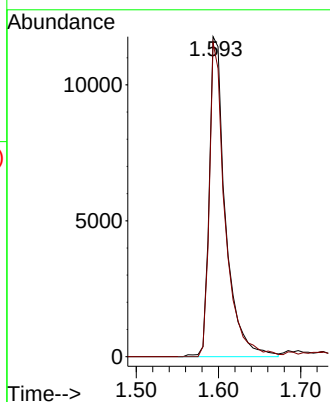
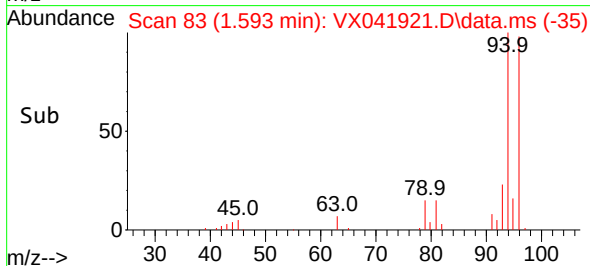
Instrument :
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Tgt Ion: 94 Resp: 16154
Ion Ratio Lower Upper
94 100
96 98.1 74.6 111.8

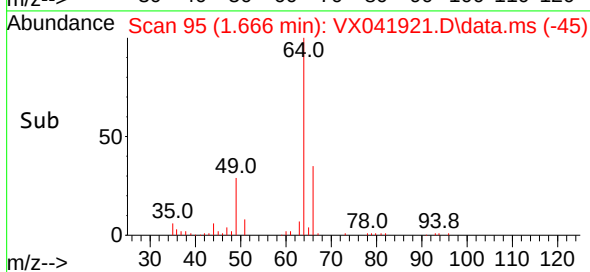
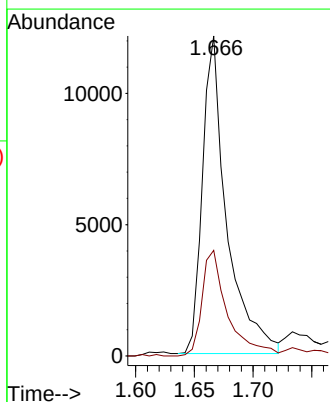
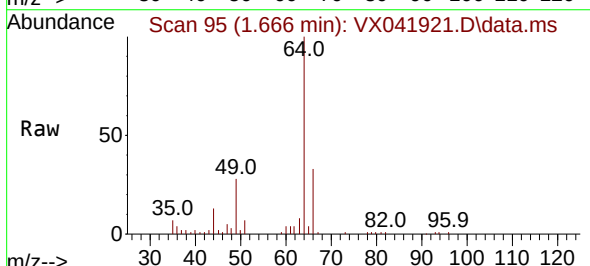
Manual Integrations
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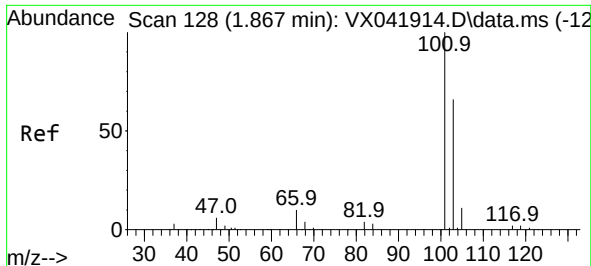
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#6
Chloroethane
Concen: 21.026 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

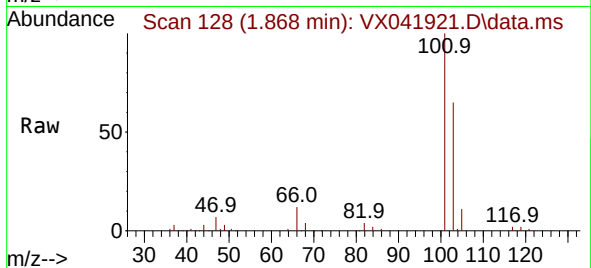
Tgt Ion: 64 Resp: 17395
Ion Ratio Lower Upper
64 100
66 33.2 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 21.825 ug/l
 RT: 1.868 min Scan# 101
 Delta R.T. 0.000 min
 Lab File: VX041921.D
 Acq: 18 Jun 2024 14:22

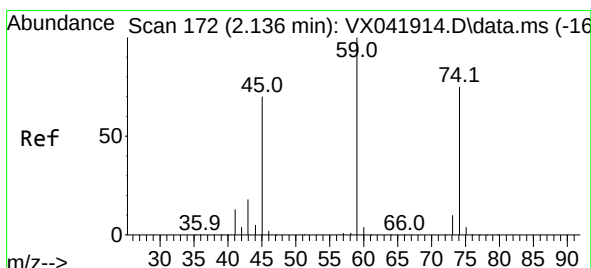
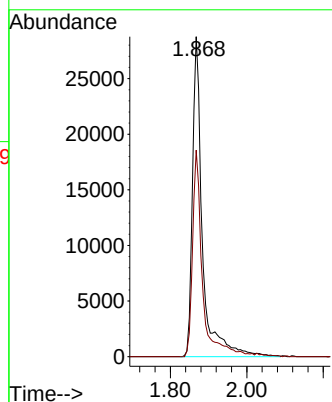
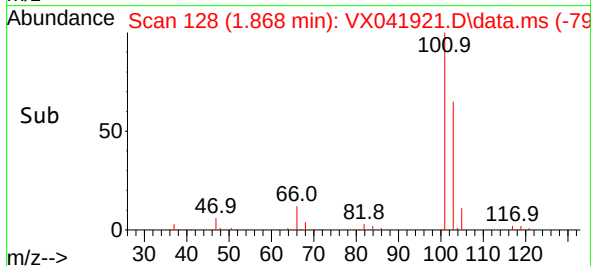
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01



Tgt Ion:101 Resp: 5245
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.2

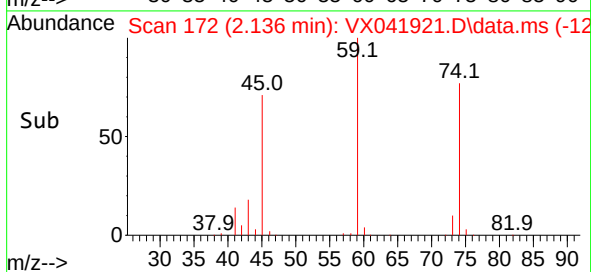
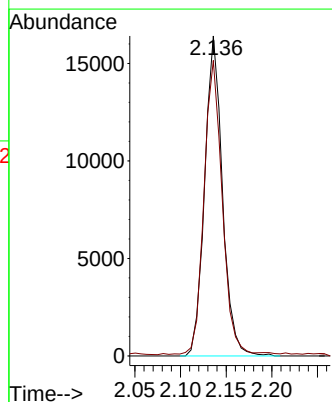
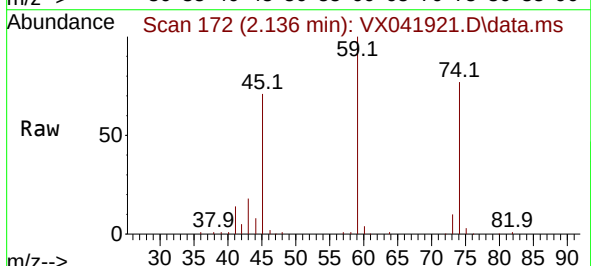
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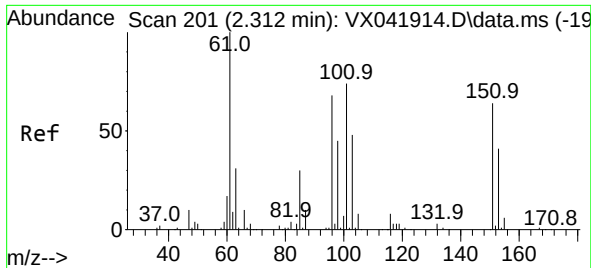
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024



#8
 Diethyl Ether
 Concen: 19.740 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041921.D
 Acq: 18 Jun 2024 14:22

Tgt Ion: 74 Resp: 22270
 Ion Ratio Lower Upper
 74 100
 45 93.9 53.3 159.8





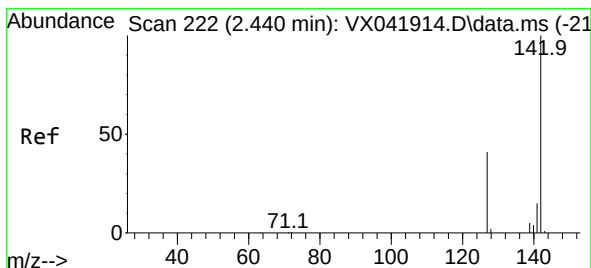
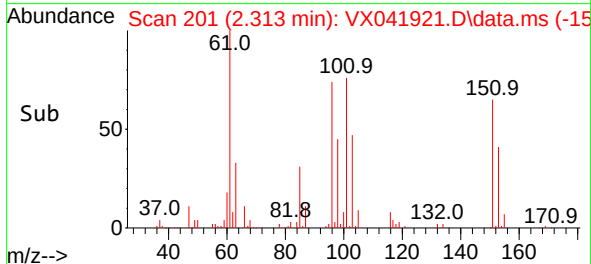
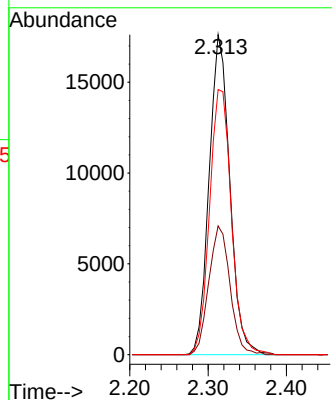
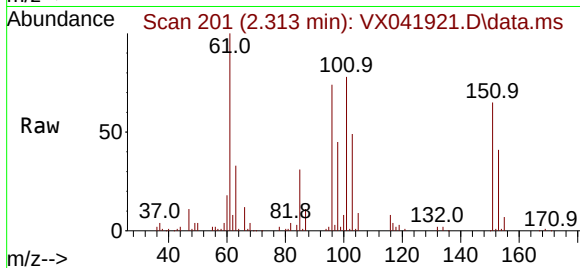
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.504 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:101 Resp: 32290
Ion Ratio Lower Upper
101 100
85 41.3 37.0 55.6
151 87.5 58.6 87.8

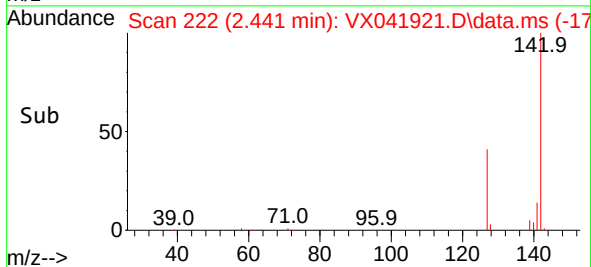
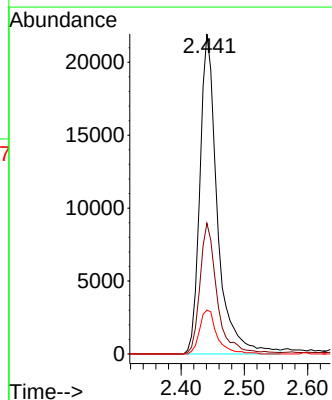
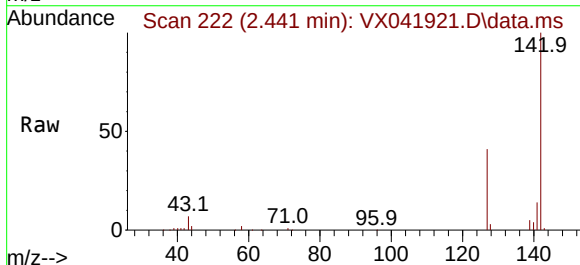
Manual Integrations
APPROVED

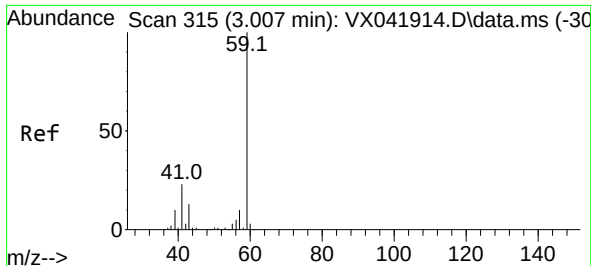
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#10
Methyl Iodide
Concen: 20.581 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

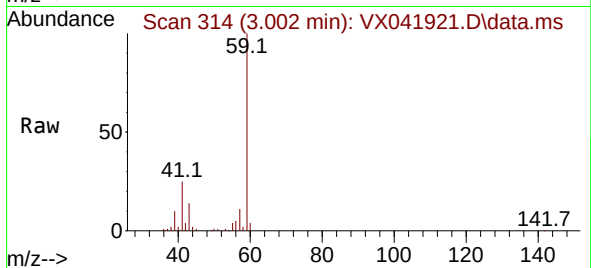
Tgt Ion:142 Resp: 42350
Ion Ratio Lower Upper
142 100
127 40.3 41.6 62.4#
141 13.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 97.304 ug/l
RT: 3.002 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

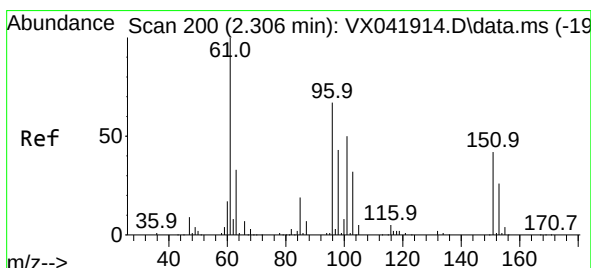
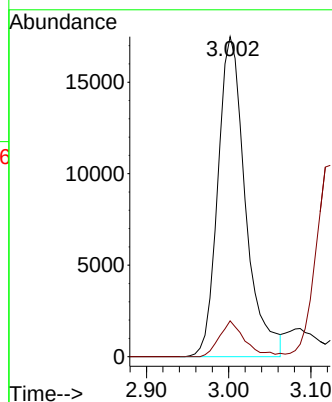
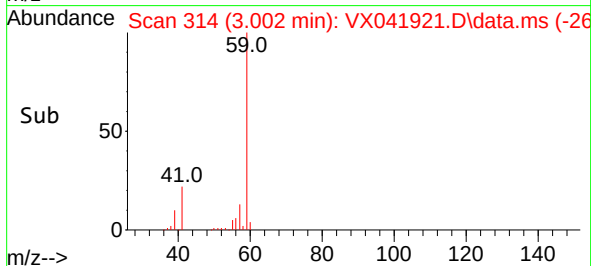
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01



Tgt Ion: 59 Resp: 40772
Ion Ratio Lower Upper
59 100
57 10.6 6.0 9.0

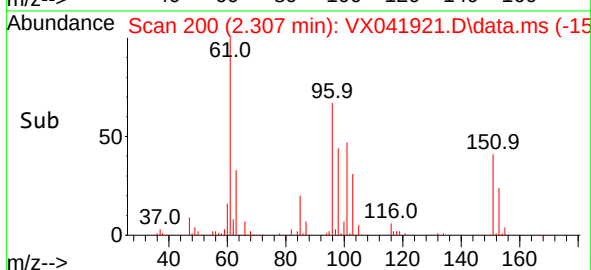
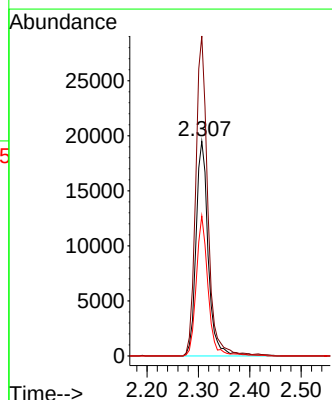
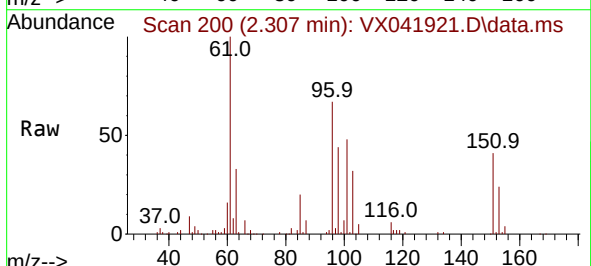
Manual Integrations
APPROVED

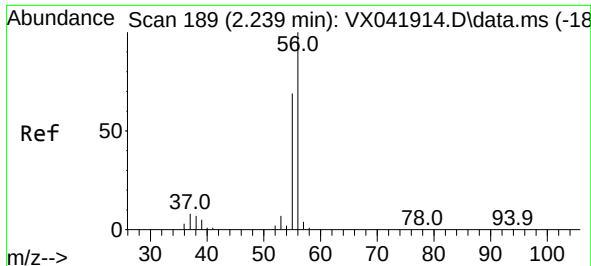
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#12
1,1-Dichloroethene
Concen: 19.527 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Tgt Ion: 96 Resp: 32248
Ion Ratio Lower Upper
96 100
61 149.1 144.6 216.8
98 65.2 50.4 75.6





#13

Acrolein

Concen: 96.223 ug/l

RT: 2.240 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tgt Ion: 56 Resp: 45190

Ion Ratio Lower Upper

56 100

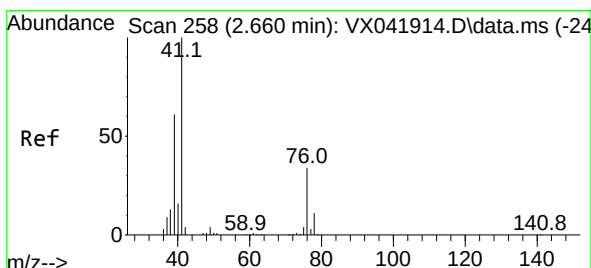
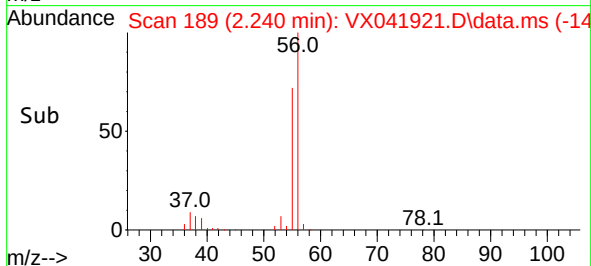
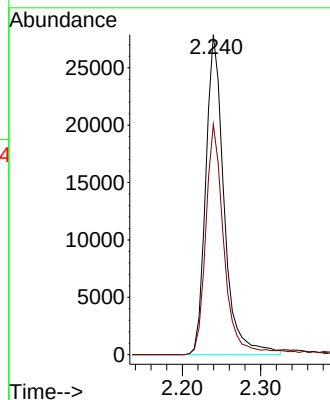
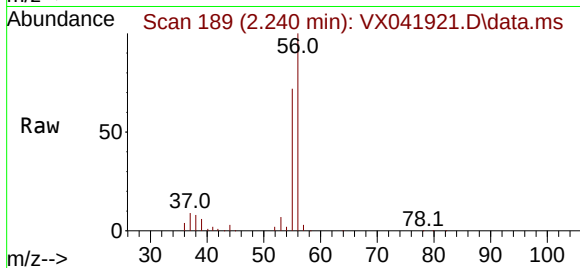
55 71.9 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#14

Allyl chloride

Concen: 20.119 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

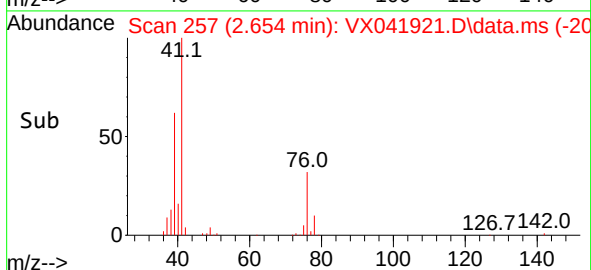
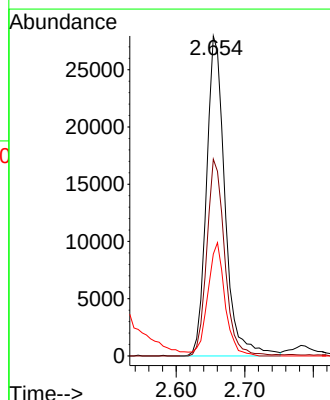
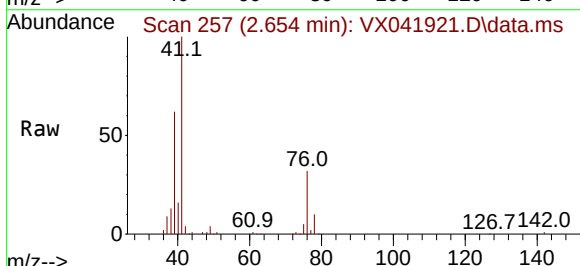
Tgt Ion: 41 Resp: 52693

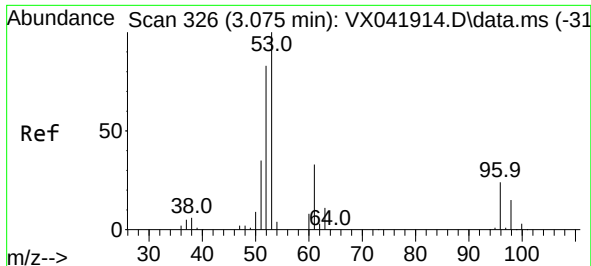
Ion Ratio Lower Upper

41 100

39 59.3 55.8 83.6

76 33.1 24.3 36.5





#15

Acrylonitrile

Concen: 104.007 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX041921.D

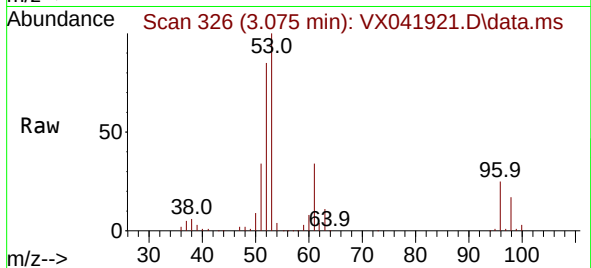
Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01



Tgt Ion: 53 Resp: 11383

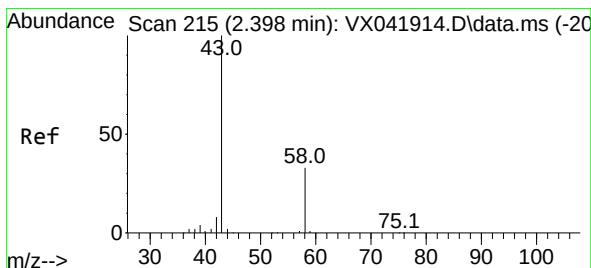
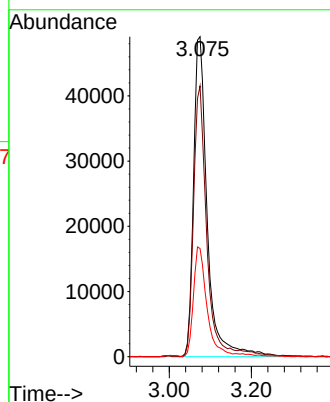
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.0	99.0
51	35.1	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#16

Acetone

Concen: 93.454 ug/l

RT: 2.392 min Scan# 214

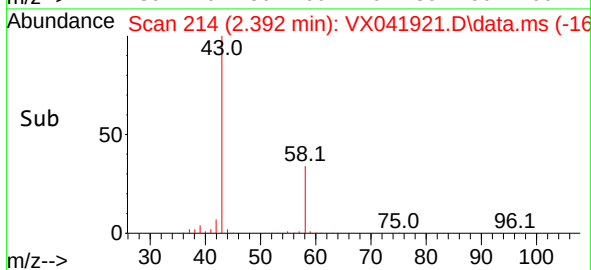
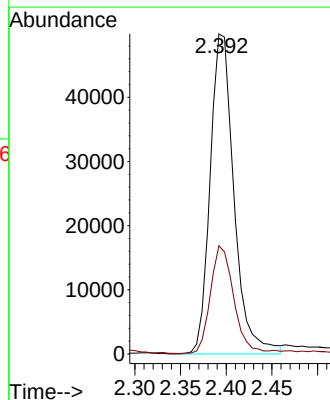
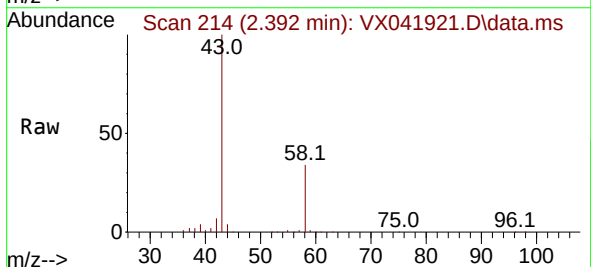
Delta R.T. -0.006 min

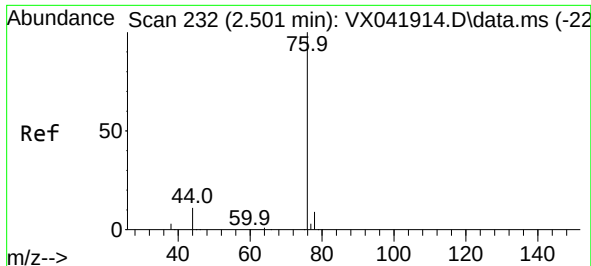
Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Tgt Ion: 43 Resp: 90602

Ion	Ratio	Lower	Upper
43	100		
58	33.7	21.9	32.9





#17

Carbon Disulfide

Concen: 17.928 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tgt Ion: 76 Resp: 6036

Ion Ratio Lower Upper

76 100

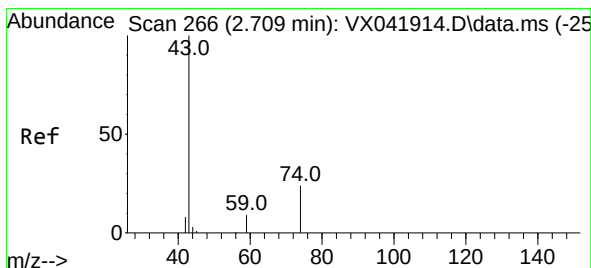
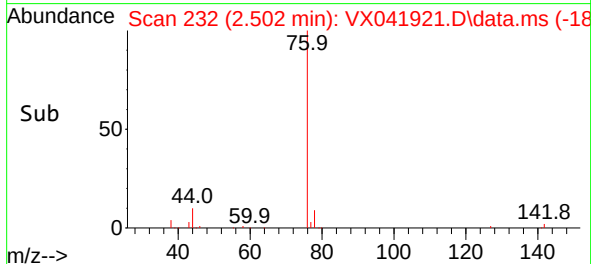
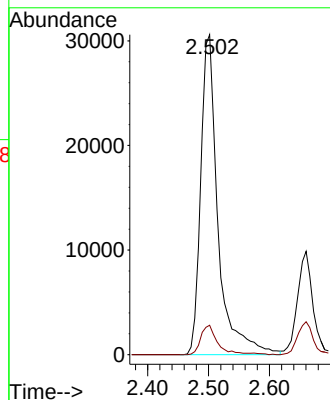
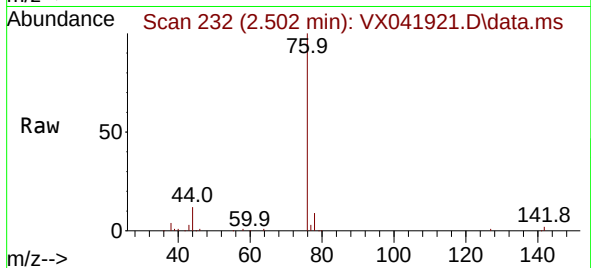
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#18

Methyl Acetate

Concen: 21.942 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041921.D

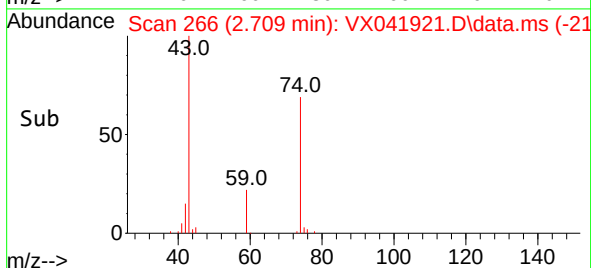
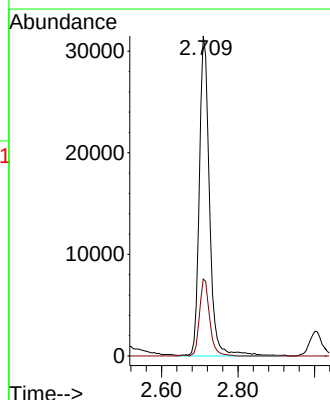
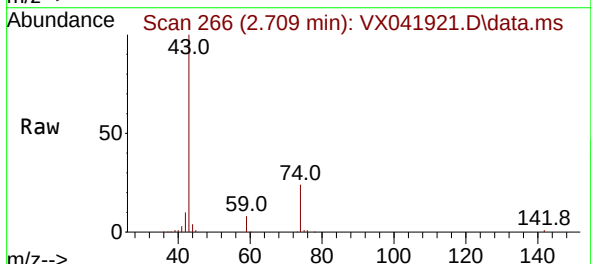
Acq: 18 Jun 2024 14:22

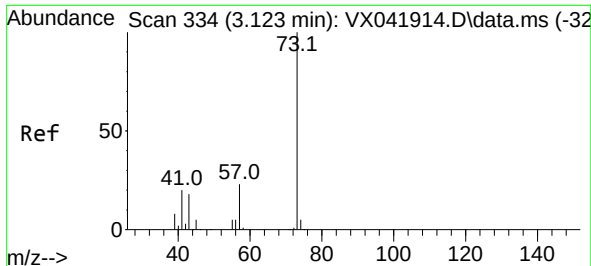
Tgt Ion: 43 Resp: 58030

Ion Ratio Lower Upper

43 100

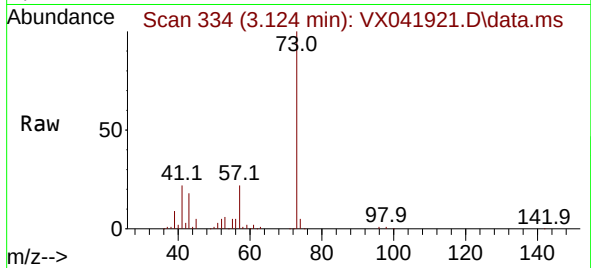
74 23.8 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 20.254 ug/l
RT: 3.124 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

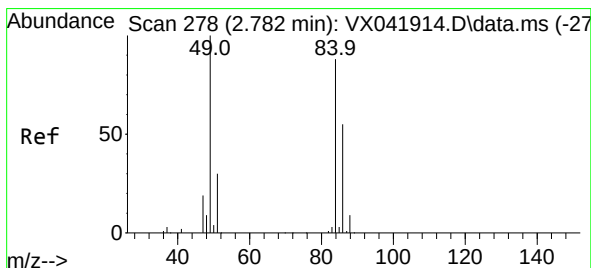
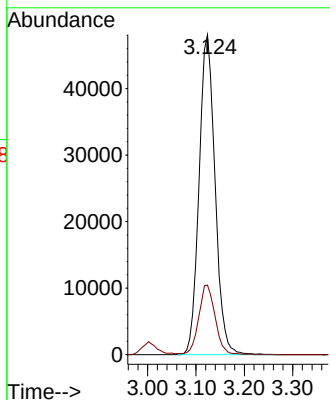
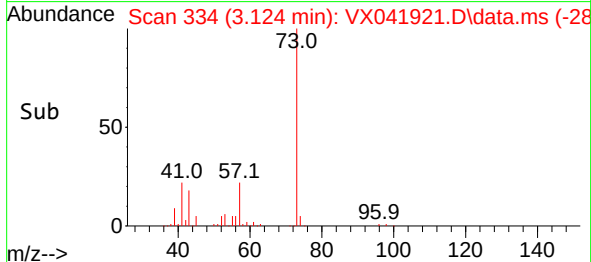
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01



Tgt Ion: 73 Resp: 11050
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

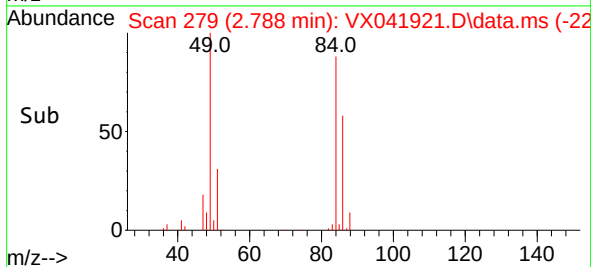
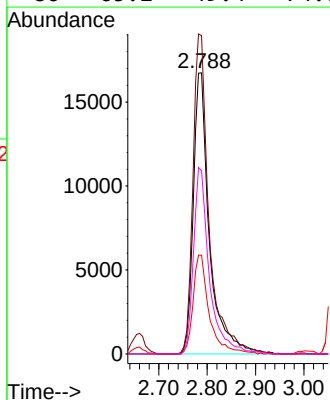
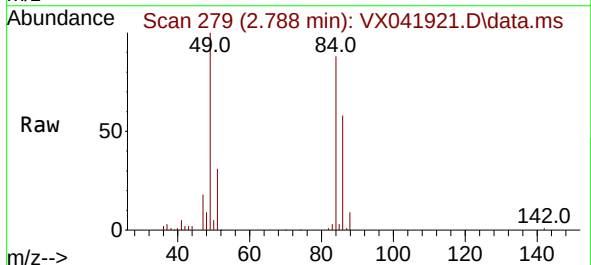
Manual Integrations
APPROVED

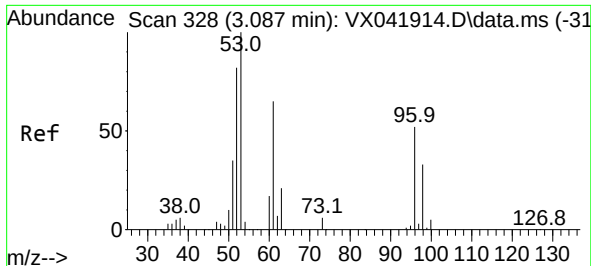
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#20
Methylene Chloride
Concen: 18.216 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

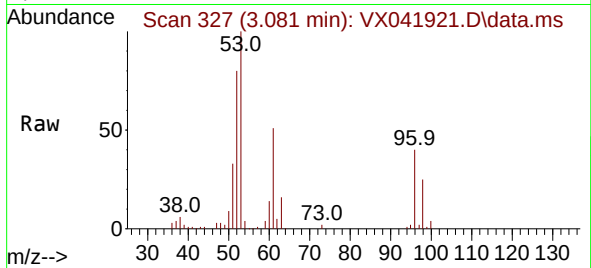
Tgt Ion: 84 Resp: 38670
Ion Ratio Lower Upper
84 100
49 113.2 103.6 155.4
51 35.1 33.8 50.6
86 65.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.448 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

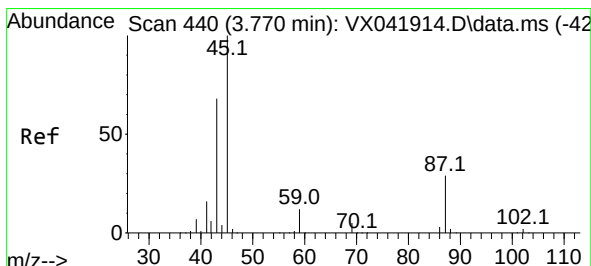
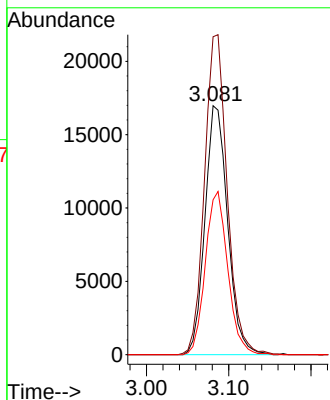
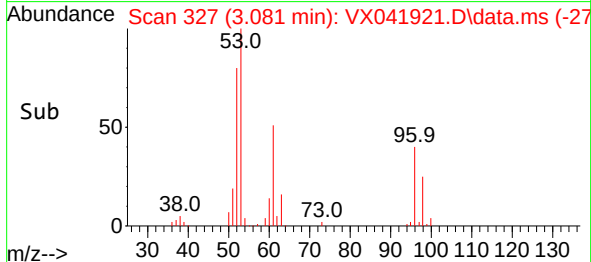
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01



Tgt Ion: 96 Resp: 32590
Ion Ratio Lower Upper
96 100
61 127.7 119.2 178.8
98 62.2 48.7 73.1

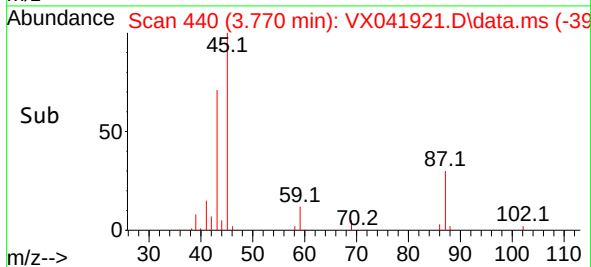
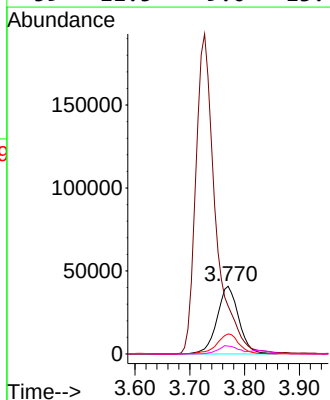
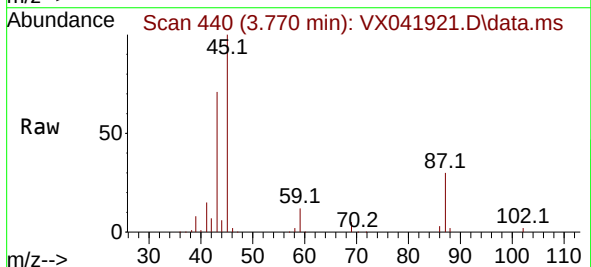
Manual Integrations
APPROVED

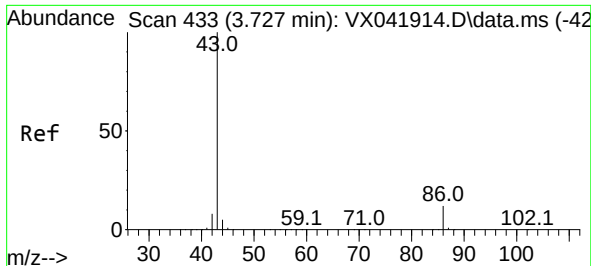
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#22
Diisopropyl ether
Concen: 20.292 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

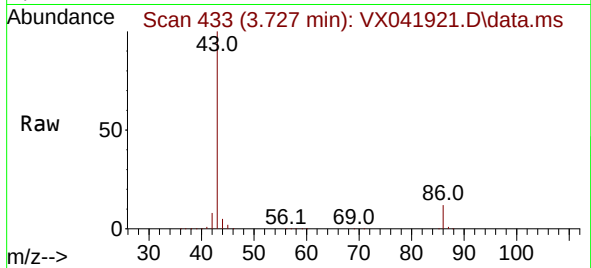
Tgt Ion: 45 Resp: 112339
Ion Ratio Lower Upper
45 100
43 70.8 69.7 104.5
87 29.7 20.8 31.2
59 11.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 102.514 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041921.D
 Acq: 18 Jun 2024 14:22

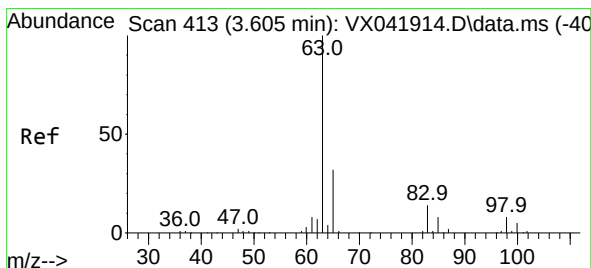
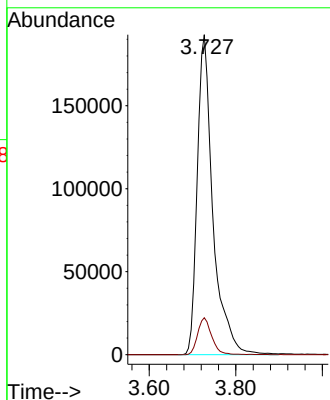
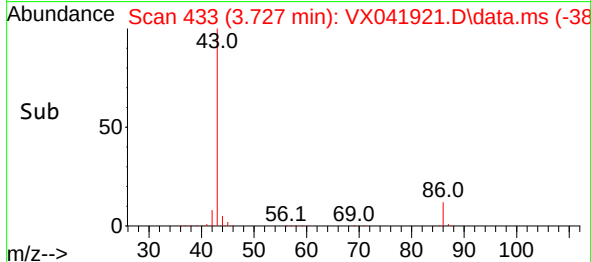
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01



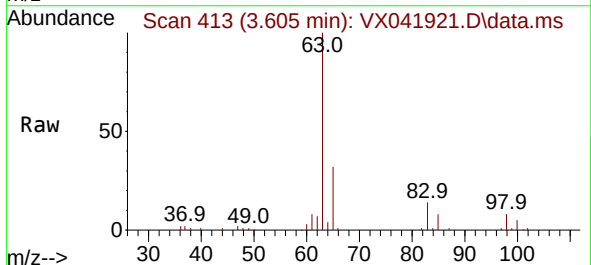
Tgt Ion: 43 Resp: 484674
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8

Manual Integrations
 APPROVED

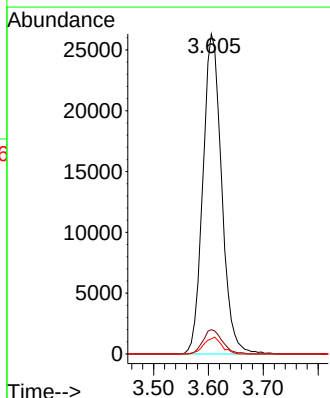
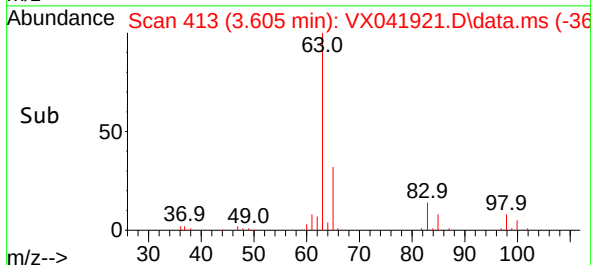
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024

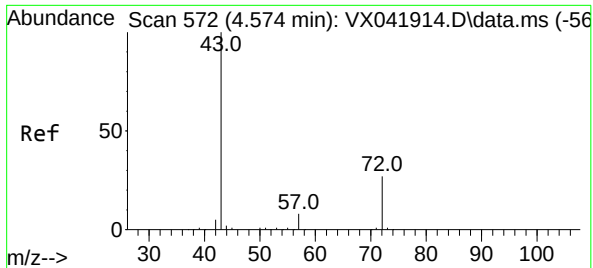


#24
 1,1-Dichloroethane
 Concen: 20.120 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041921.D
 Acq: 18 Jun 2024 14:22



Tgt Ion: 63 Resp: 62377
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.8
 100 4.7 2.1 6.5





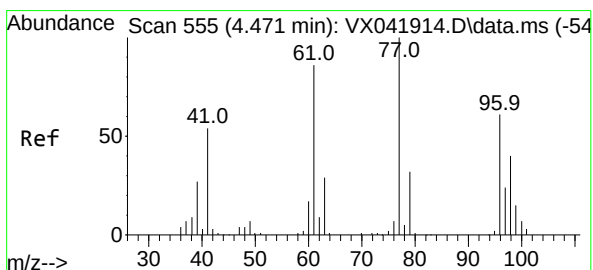
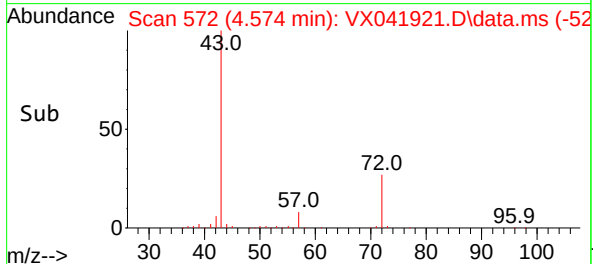
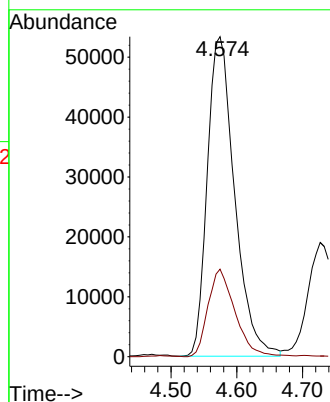
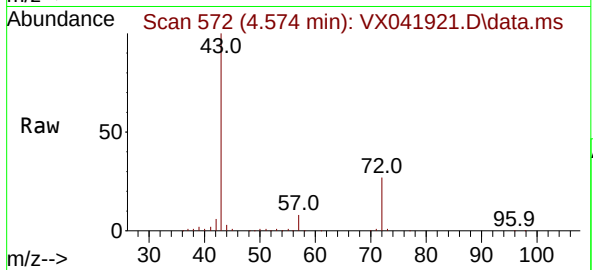
#25
2-Butanone
Concen: 102.315 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 43 Resp: 154319
Ion Ratio Lower Upper
43 100
72 27.3 19.4 29.2

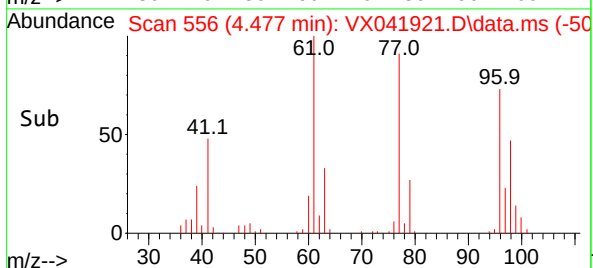
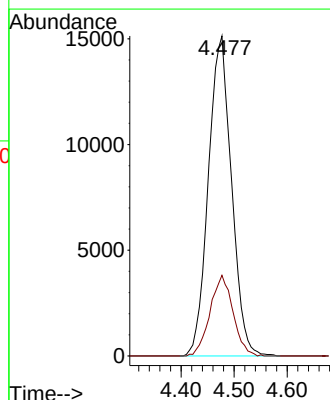
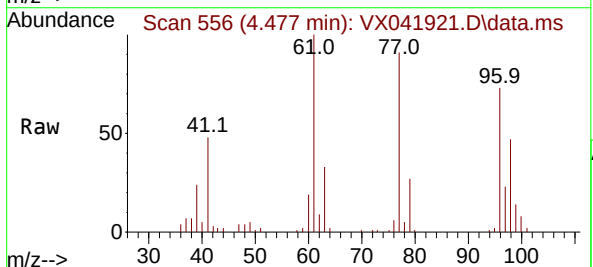
Manual Integrations
APPROVED

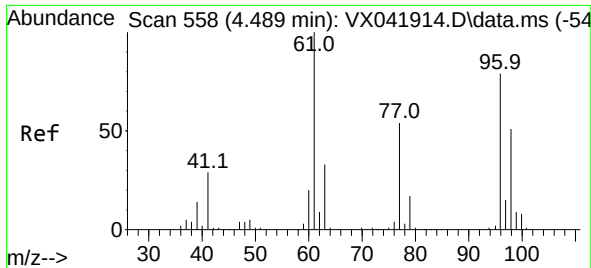
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#26
2,2-Dichloropropane
Concen: 20.446 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Tgt Ion: 77 Resp: 45903
Ion Ratio Lower Upper
77 100
97 25.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 20.049 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tgt Ion: 96 Resp: 4208

Ion Ratio Lower Upper

96 100

61 131.6 0.0 312.2

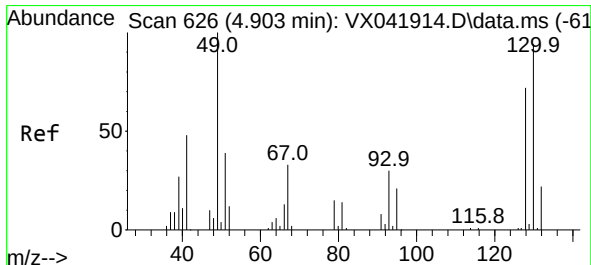
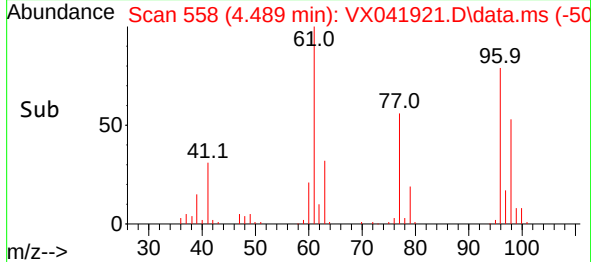
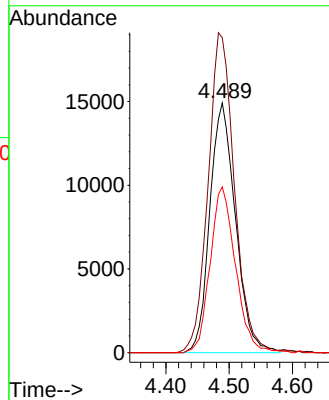
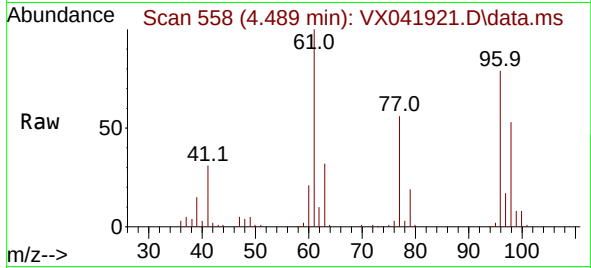
98 65.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#28

Bromochloromethane

Concen: 17.350 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

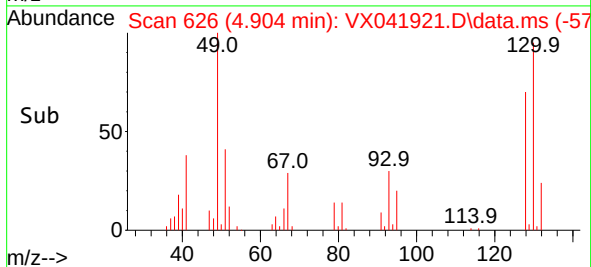
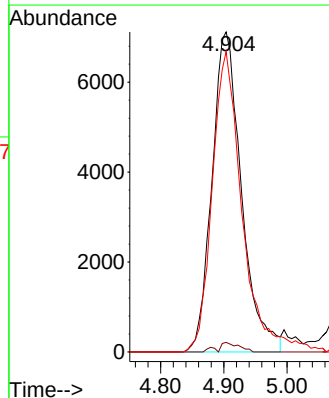
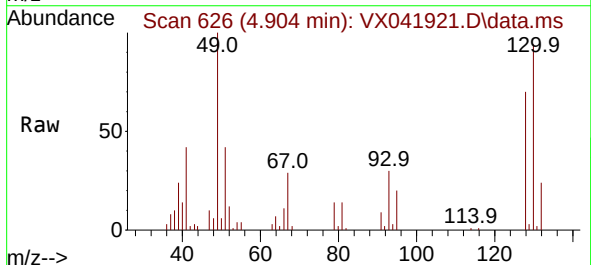
Tgt Ion: 49 Resp: 23039

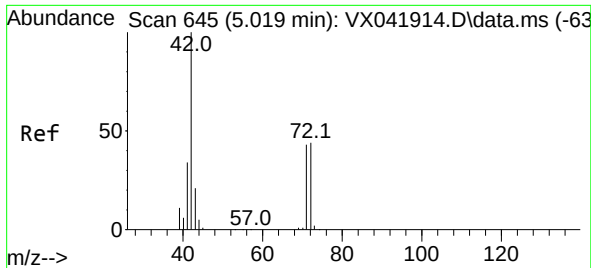
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

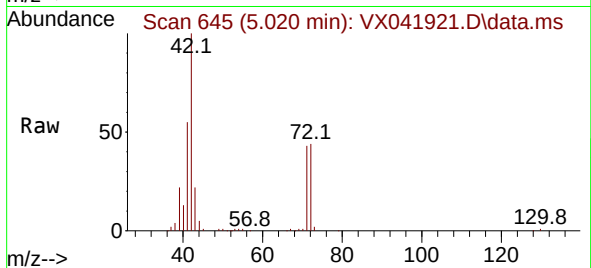
130 95.3 57.5 86.3#





#29
Tetrahydrofuran
Concen: 104.568 ug/l
RT: 5.020 min Scan# 645
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

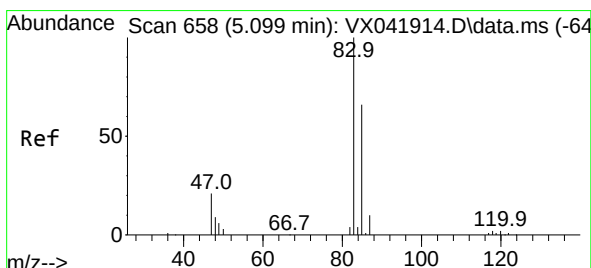
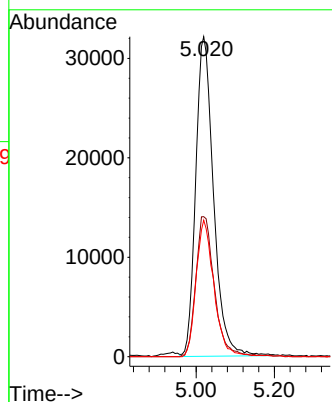
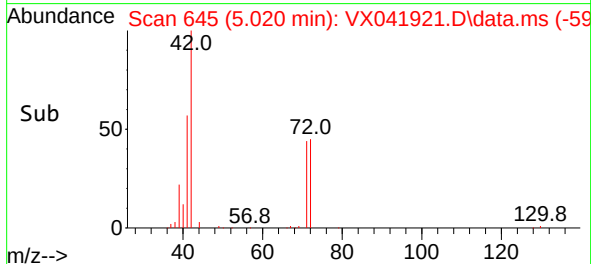
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01



Tgt Ion: 42 Resp: 101859
Ion Ratio Lower Upper
42 100
72 45.4 34.2 51.4
71 42.7 32.2 48.2

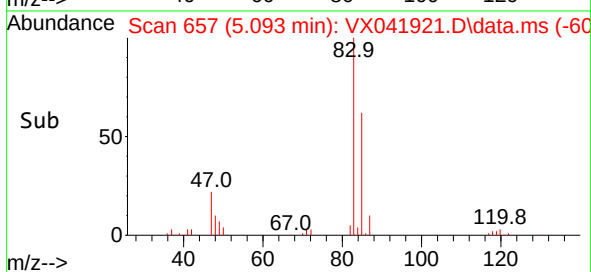
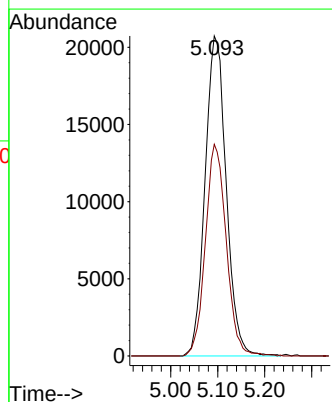
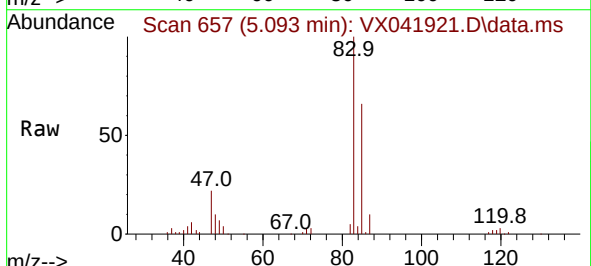
Manual Integrations
APPROVED

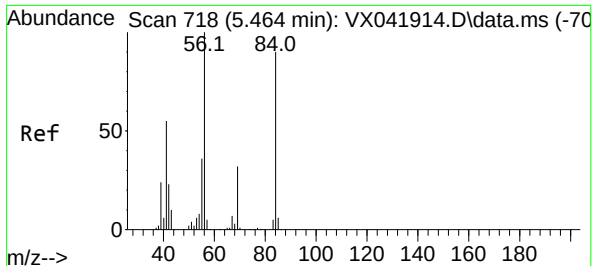
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#30
Chloroform
Concen: 20.013 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

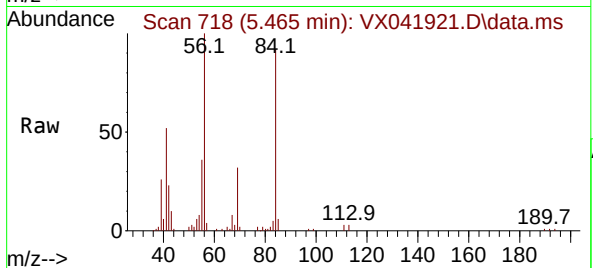
Tgt Ion: 83 Resp: 64638
Ion Ratio Lower Upper
83 100
85 66.2 50.3 75.5





#31
Cyclohexane
Concen: 18.903 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

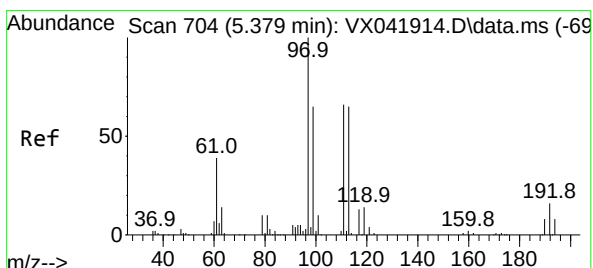
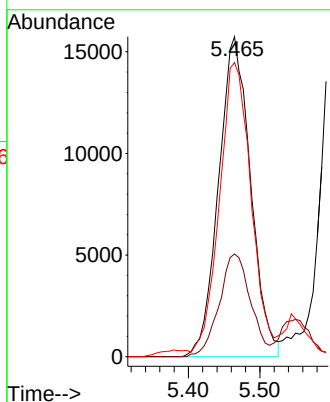
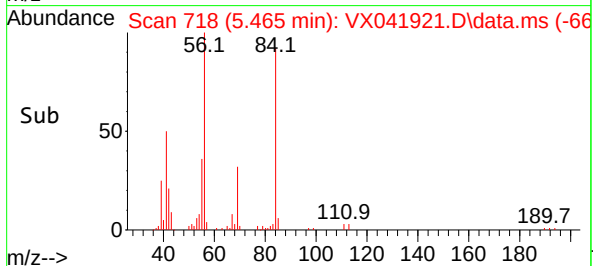
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01



Tgt Ion: 56 Resp: 48809
Ion Ratio Lower Upper
56 100
69 32.1 23.4 35.2
84 90.0 65.9 98.9

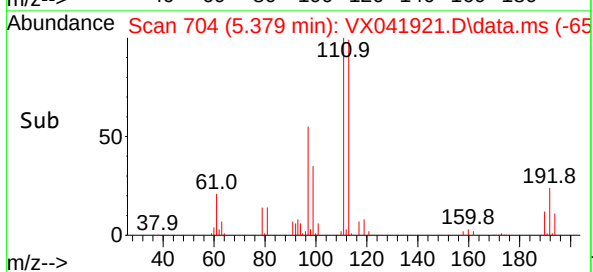
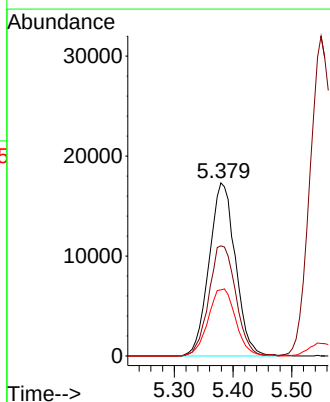
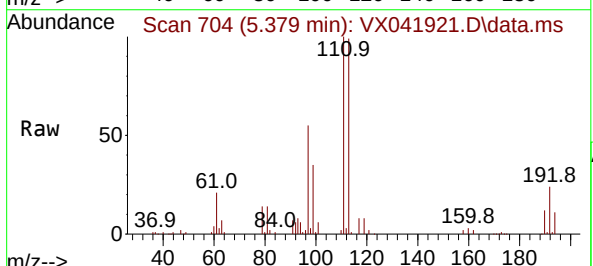
Manual Integrations
APPROVED

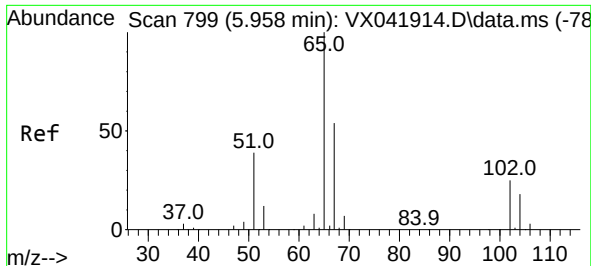
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#32
1,1,1-Trichloroethane
Concen: 19.940 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Tgt Ion: 97 Resp: 53815
Ion Ratio Lower Upper
97 100
99 65.4 51.1 76.7
61 40.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.632 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tgt Ion: 65 Resp: 10737

Ion Ratio Lower Upper

65 100

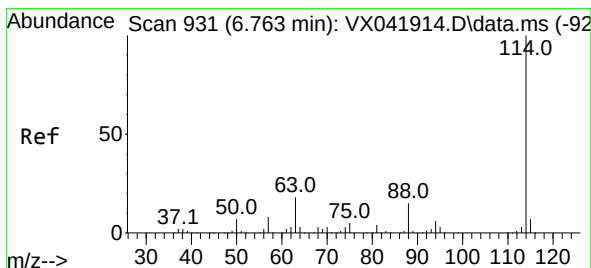
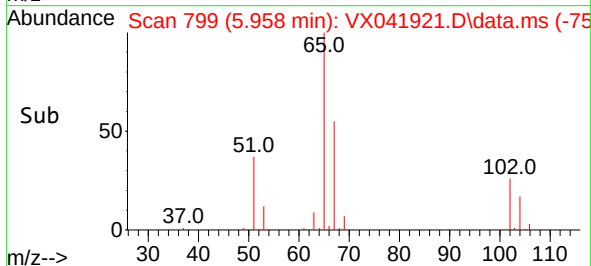
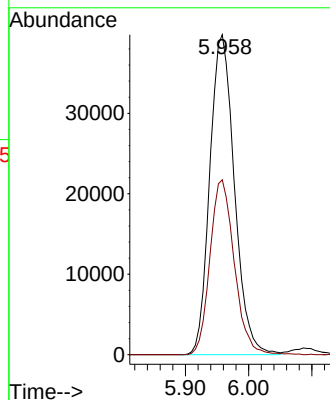
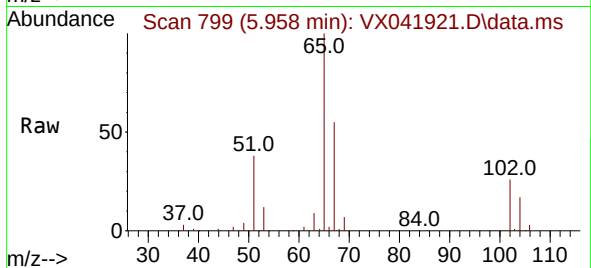
67 54.1 0.0 100.2

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: VX041921.D

Acq: 18 Jun 2024 14:22

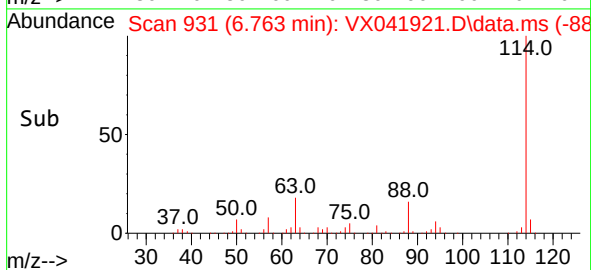
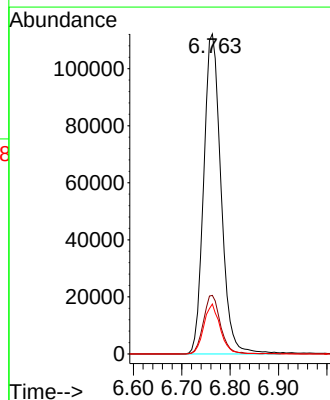
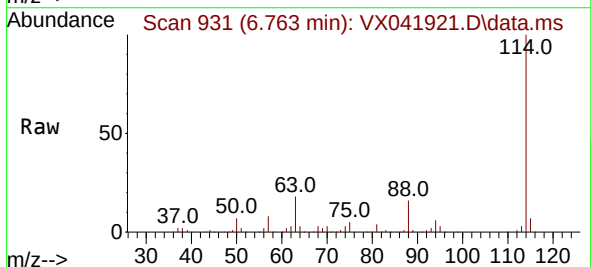
Tgt Ion:114 Resp: 278684

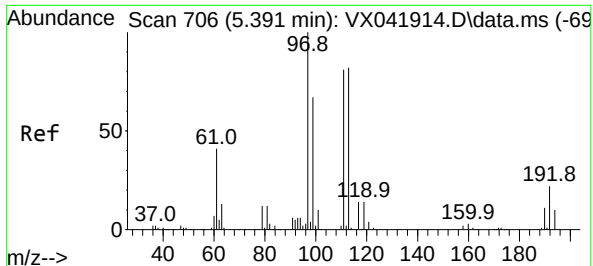
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

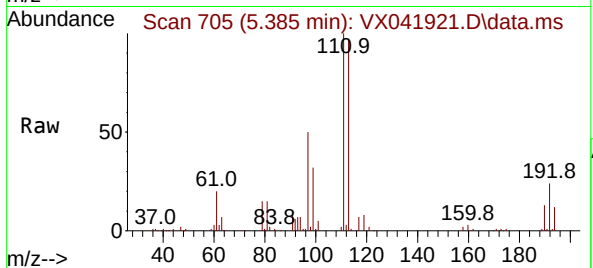
88 15.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.541 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

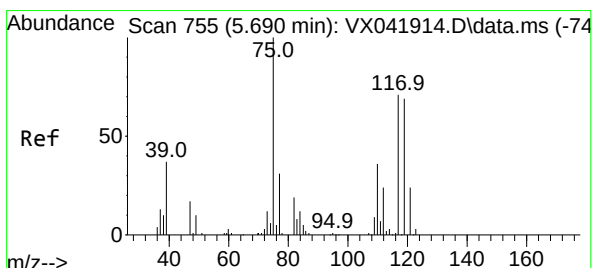
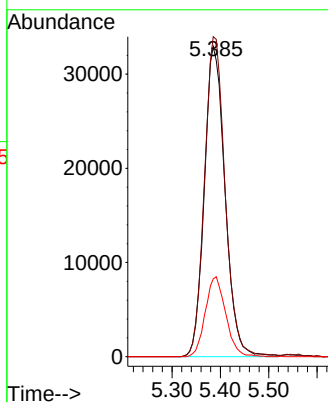
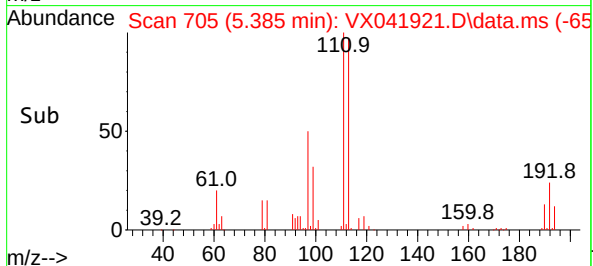
Instrument :
MSVOA_X
Client Sample Id :
VX0618WBS01



Tgt Ion: 113 Resp: 9796
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 25.4 13.3 19.9

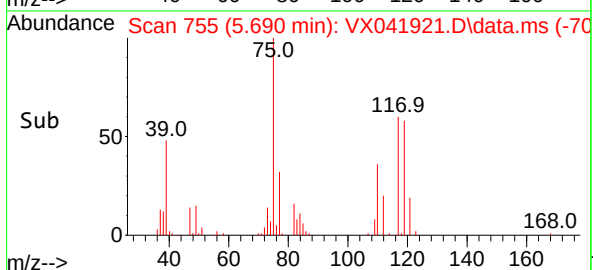
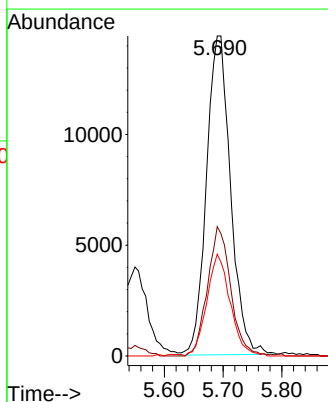
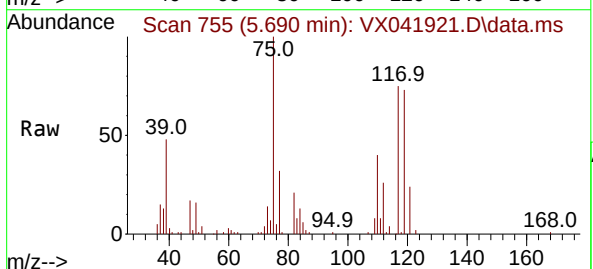
Manual Integrations
APPROVED

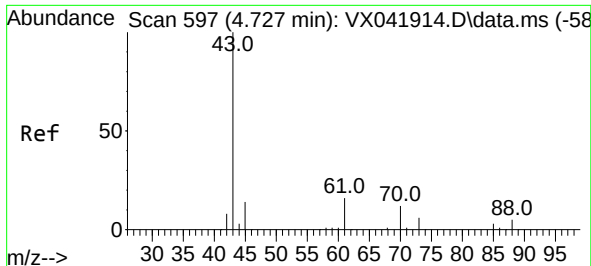
Reviewed By : John Carlone 06/19/2024
Supervised By : Mahesh Dadoda 06/19/2024



#36
1,1-Dichloropropene
Concen: 19.574 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Tgt Ion: 75 Resp: 41101
Ion Ratio Lower Upper
75 100
110 39.2 17.0 50.9
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 20.931 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

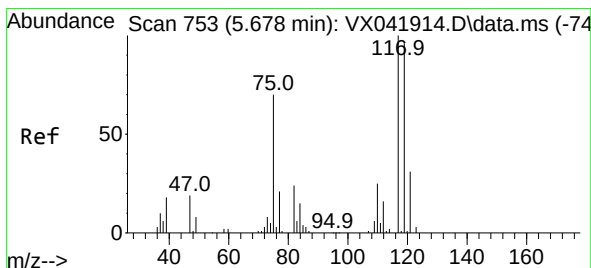
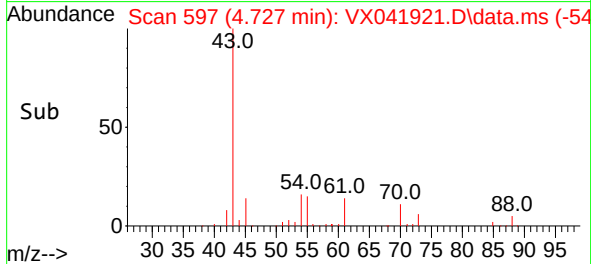
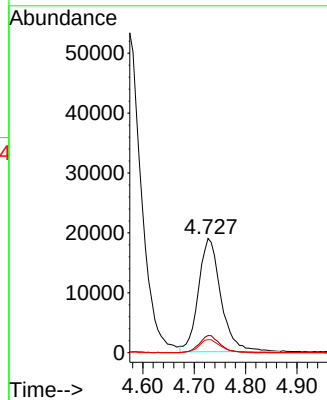
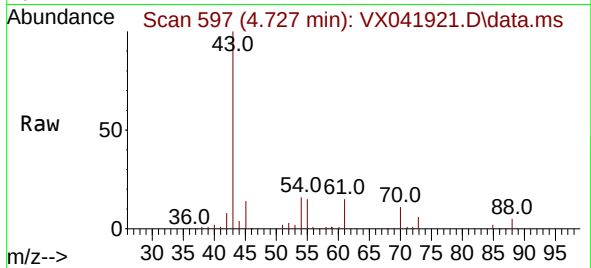
Tgt Ion:	43	Resp:	5725
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.6	16.0
70	11.2	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#38

Carbon Tetrachloride

Concen: 19.588 ug/l

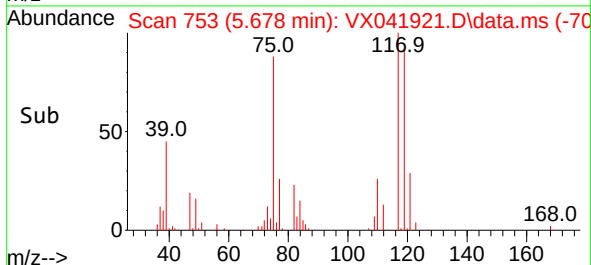
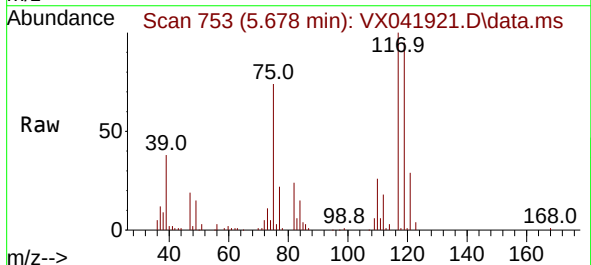
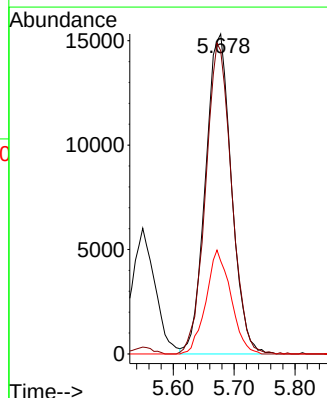
RT: 5.678 min Scan# 753

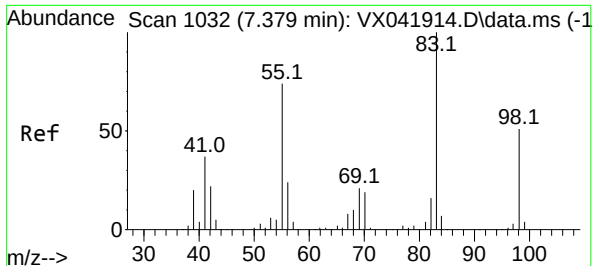
Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Tgt Ion:	117	Resp:	45446
Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.2	117.2
121	29.0	24.4	36.6





#39

Methylcyclohexane

Concen: 19.338 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tgt Ion: 83 Resp: 5135

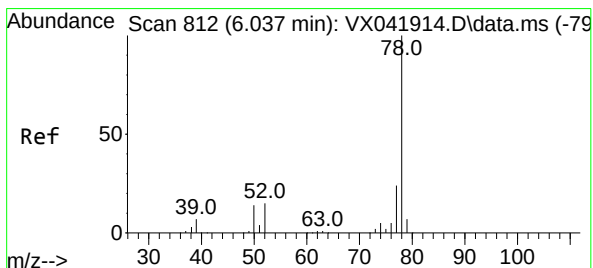
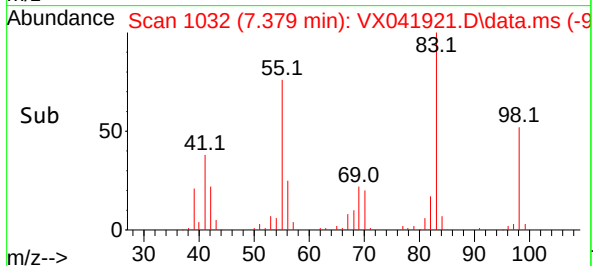
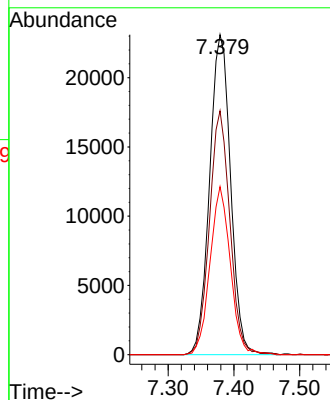
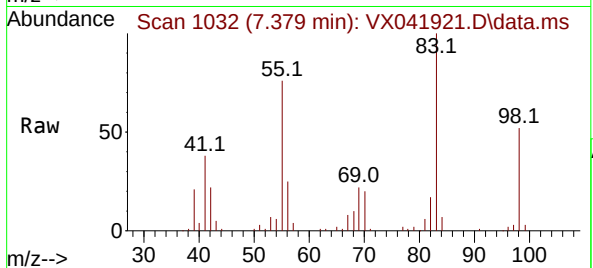
Ion	Ratio	Lower	Upper
83	100		
55	76.2	64.6	97.0
98	52.5	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#40

Benzene

Concen: 19.837 ug/l

RT: 6.038 min Scan# 812

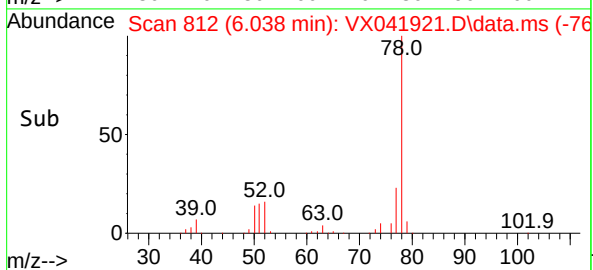
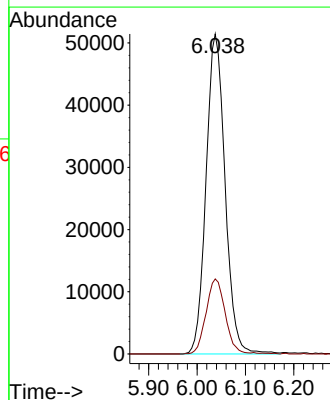
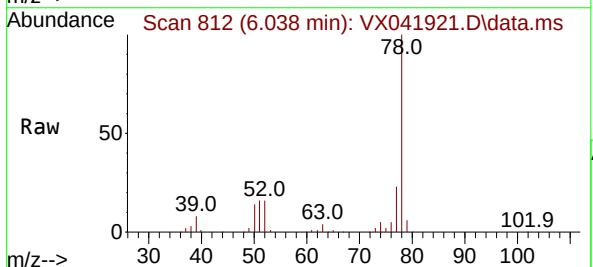
Delta R.T. 0.000 min

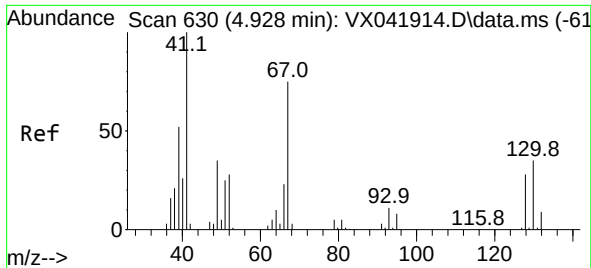
Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Tgt Ion: 78 Resp: 140482

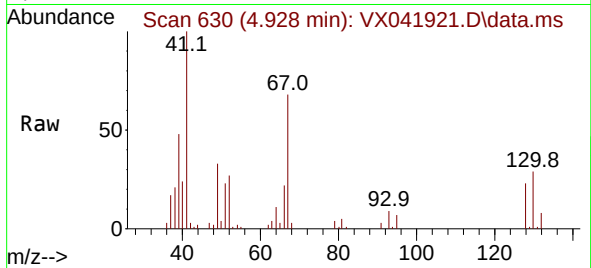
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9





#41
Methacrylonitrile
Concen: 21.469 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

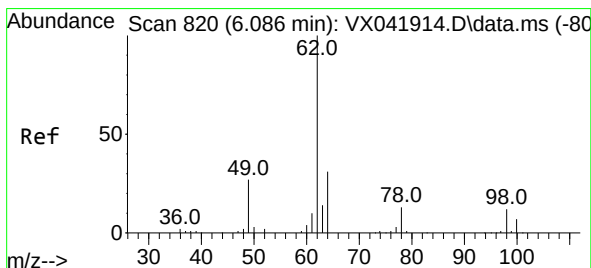
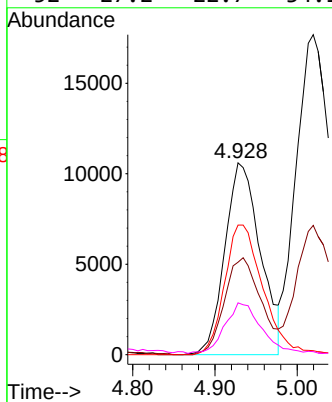
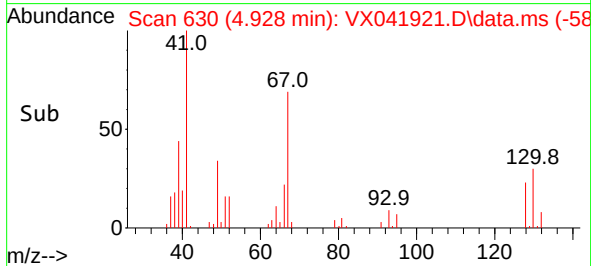
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01



Tgt Ion: 41 Resp: 3183
Ion Ratio Lower Upper
41 100
39 52.0 45.2 67.8
67 73.3 52.6 78.8
52 27.2 22.7 34.1

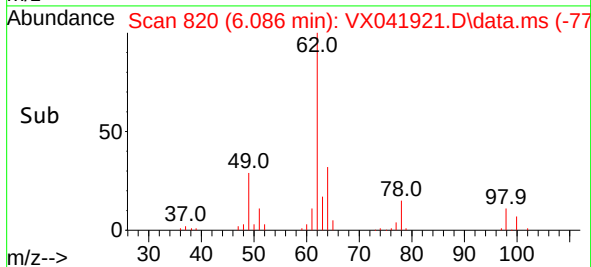
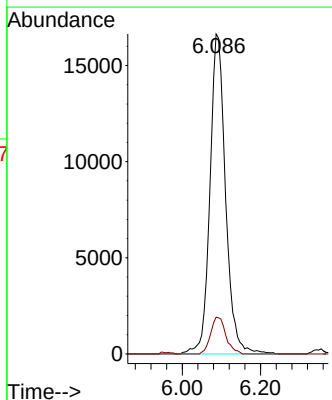
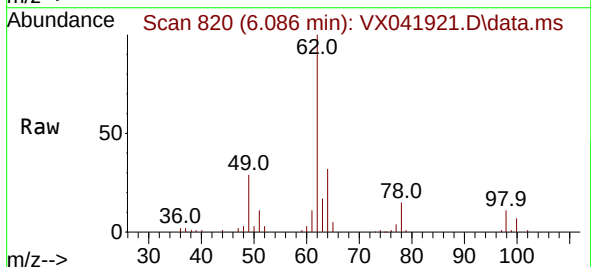
Manual Integrations
APPROVED

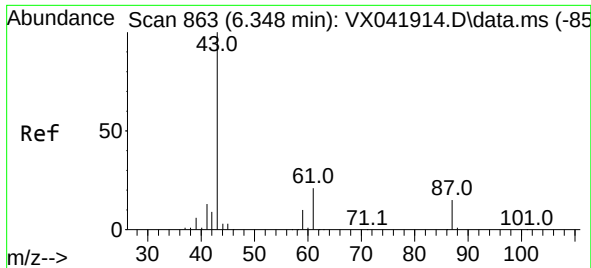
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#42
1,2-Dichloroethane
Concen: 20.168 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Tgt Ion: 62 Resp: 46007
Ion Ratio Lower Upper
62 100
98 11.2 0.0 16.0





#43

Isopropyl Acetate

Concen: 19.796 ug/l

RT: 6.349 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

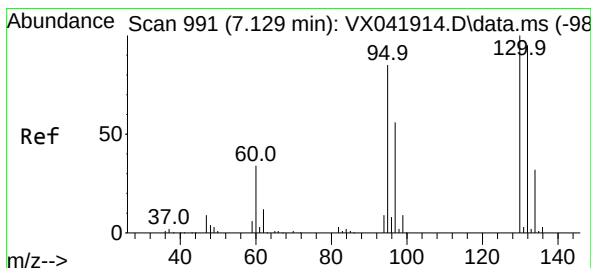
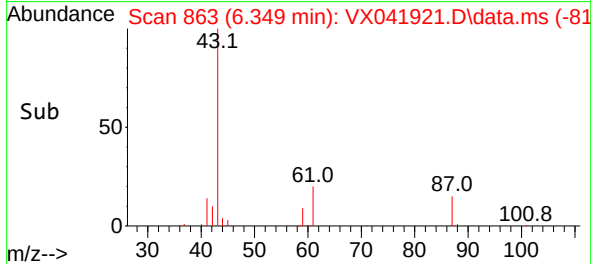
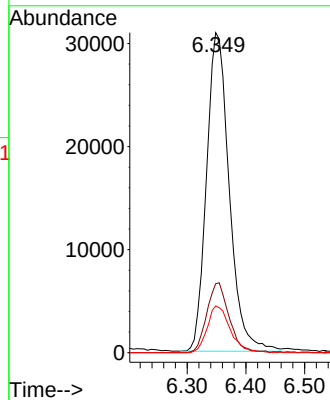
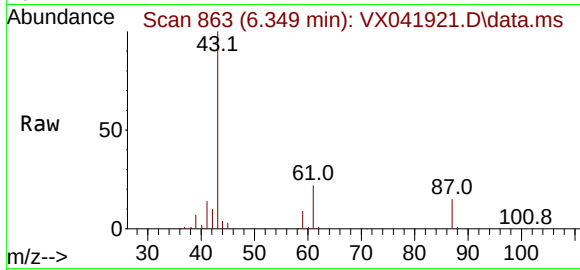
Tgt Ion: 43	Resp: 83114
Ion Ratio	Lower Upper
43 100	
61 21.5	15.2 22.8
87 14.7	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#44

Trichloroethene

Concen: 19.988 ug/l

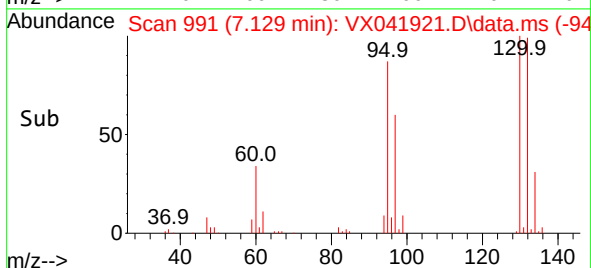
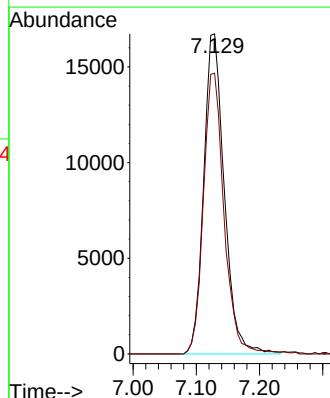
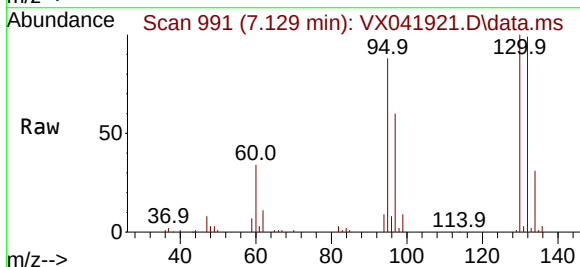
RT: 7.129 min Scan# 991

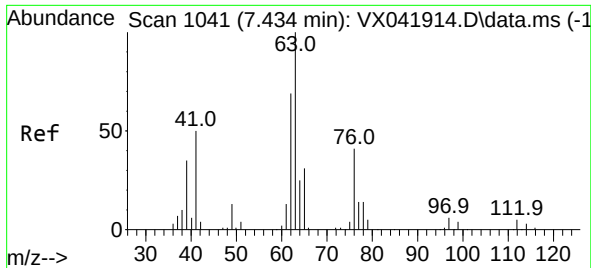
Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Tgt Ion:130	Resp: 37943
Ion Ratio	Lower Upper
130 100	
95 87.8	0.0 204.4





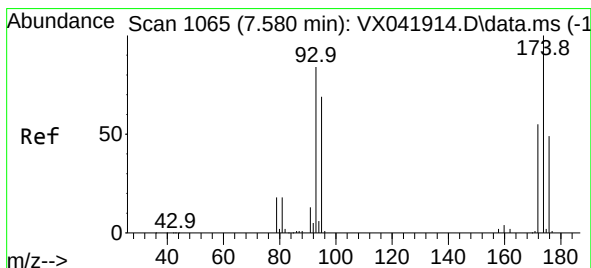
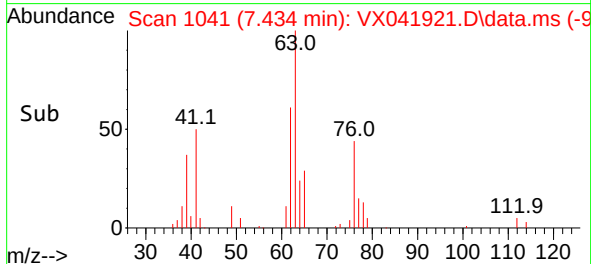
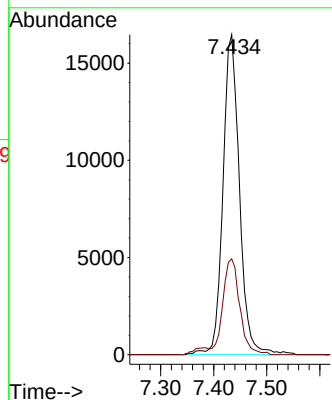
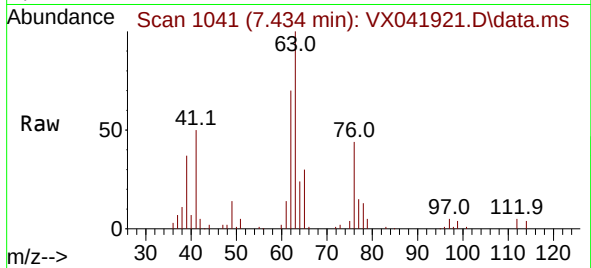
#45
1,2-Dichloropropane
Concen: 20.406 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 63 Resp: 35534
Ion Ratio Lower Upper
63 100
65 30.0 24.3 36.5

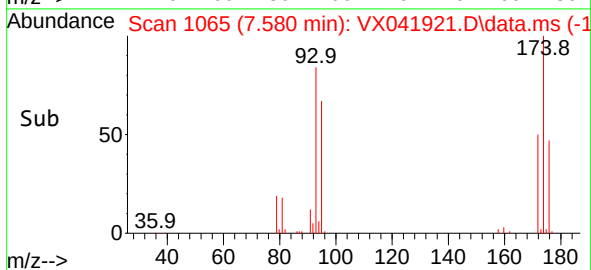
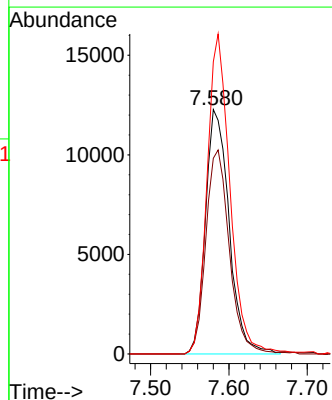
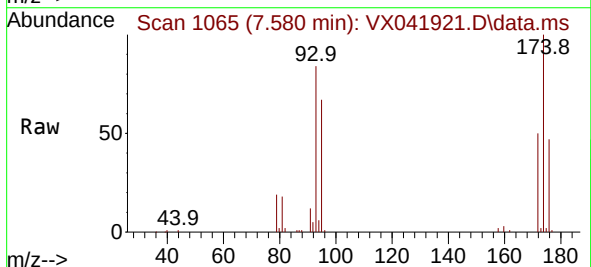
Manual Integrations
APPROVED

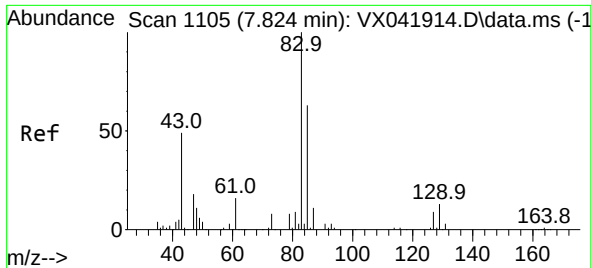
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#46
Dibromomethane
Concen: 20.333 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

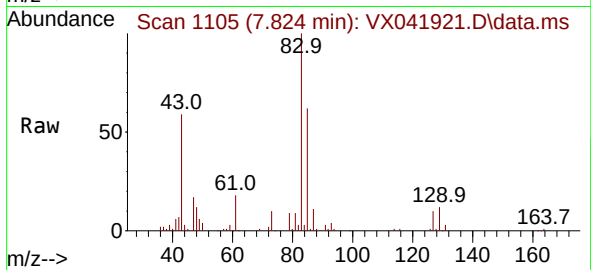
Tgt Ion: 93 Resp: 25798
Ion Ratio Lower Upper
93 100
95 83.1 66.6 100.0
174 126.4 69.4 104.0#





#47
Bromodichloromethane
Concen: 19.724 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

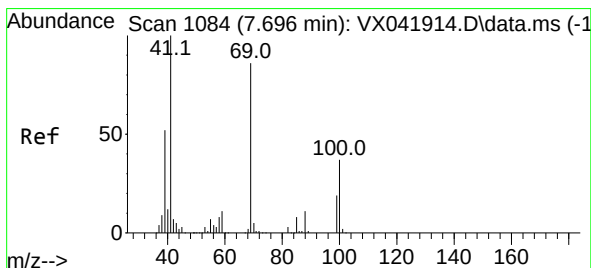
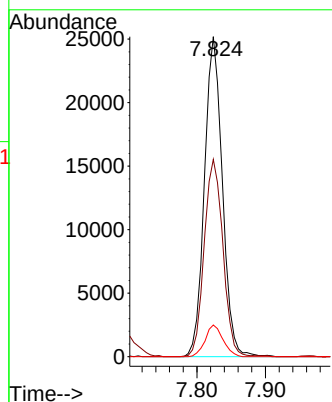
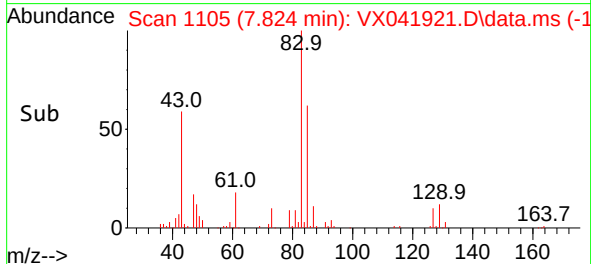
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01



Tgt Ion: 83 Resp: 45940
Ion Ratio Lower Upper
83 100
85 61.6 49.8 74.6
127 9.9 7.1 10.7

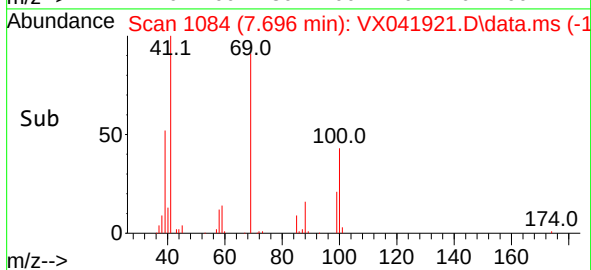
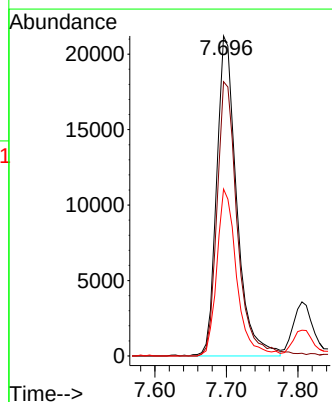
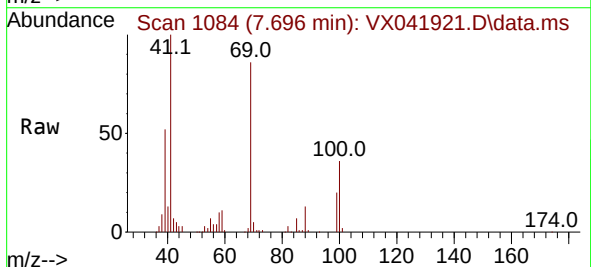
Manual Integrations
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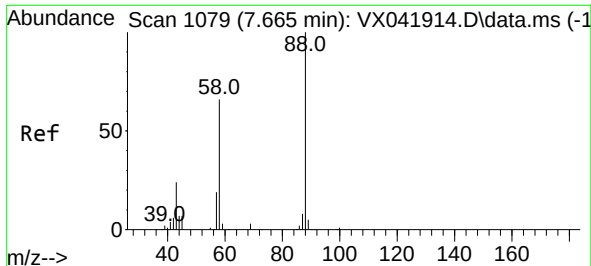
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#48
Methyl methacrylate
Concen: 20.637 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Tgt Ion: 41 Resp: 41351
Ion Ratio Lower Upper
41 100
69 87.0 59.2 88.8
39 51.5 47.7 71.5





#49

1,4-Dioxane

Concen: 401.481 ug/l

RT: 7.672 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tgt Ion: 88 Resp: 2064

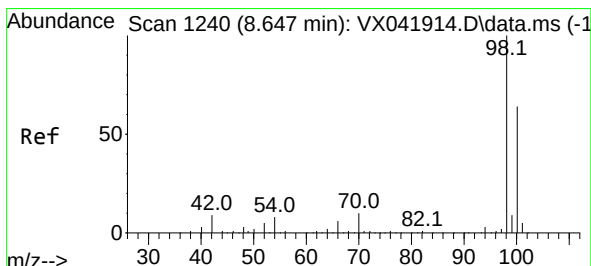
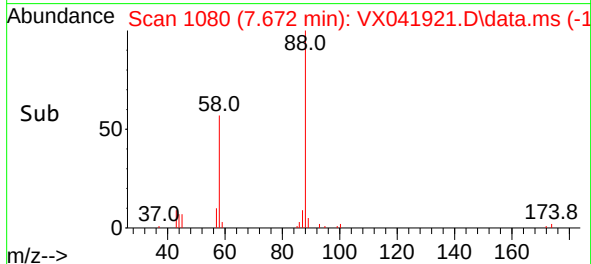
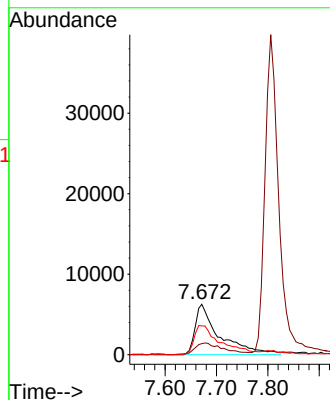
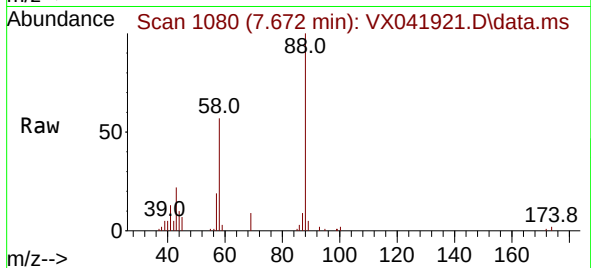
Ion	Ratio	Lower	Upper
88	100		
43	27.6	0.0	0.0
58	62.7	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#50

Toluene-d8

Concen: 50.419 ug/l

RT: 8.647 min Scan# 1240

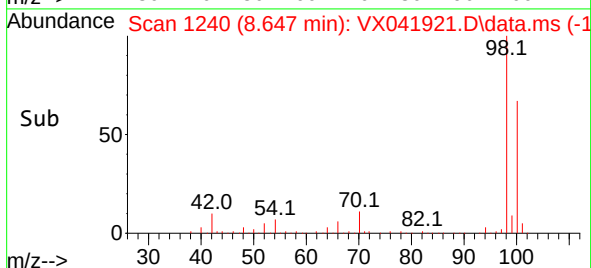
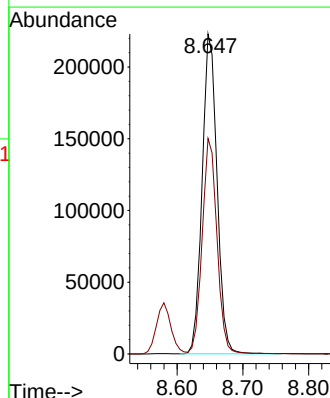
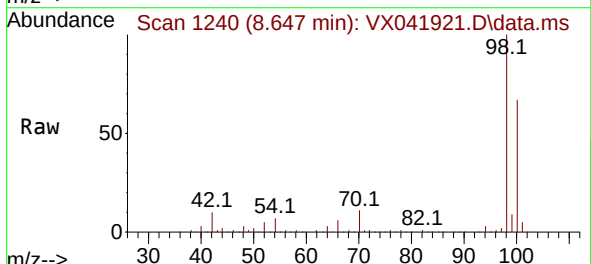
Delta R.T. 0.000 min

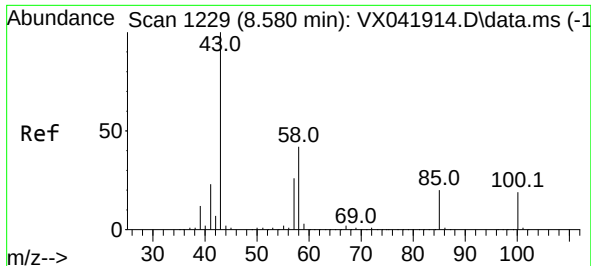
Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Tgt Ion: 98 Resp: 350247

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 105.210 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tgt Ion: 43 Resp: 304280

Ion Ratio Lower Upper

43 100

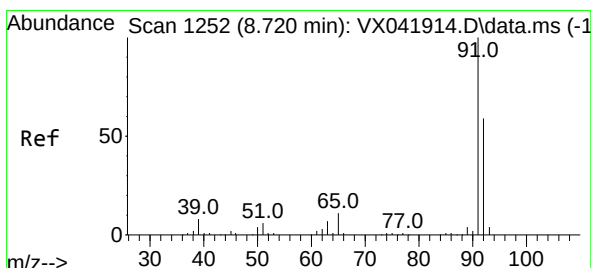
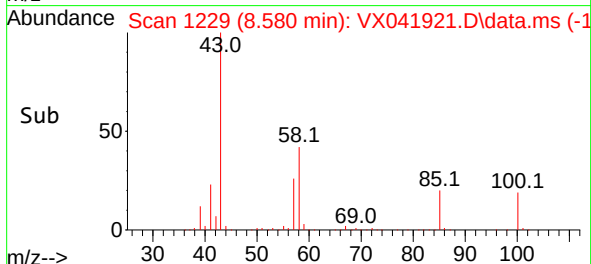
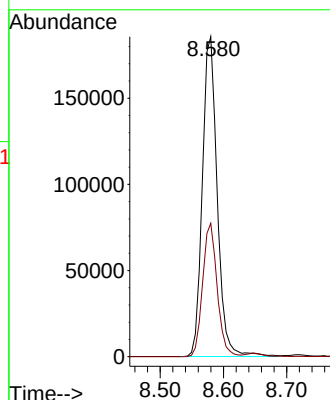
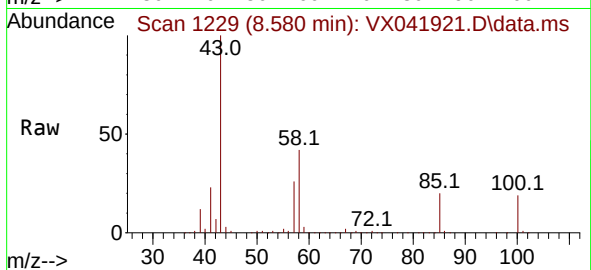
58 40.7 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#52

Toluene

Concen: 20.183 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX041921.D

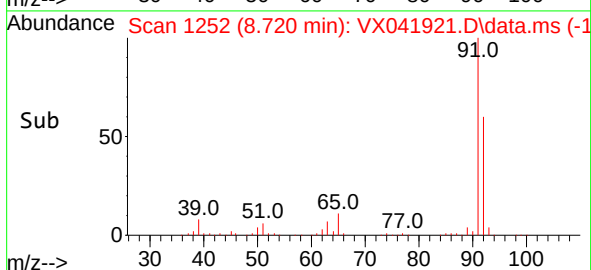
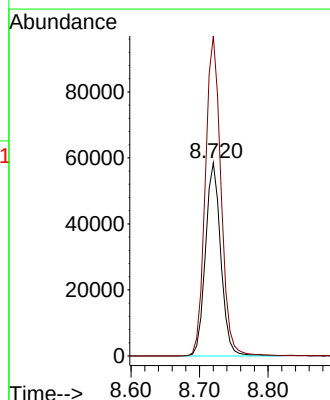
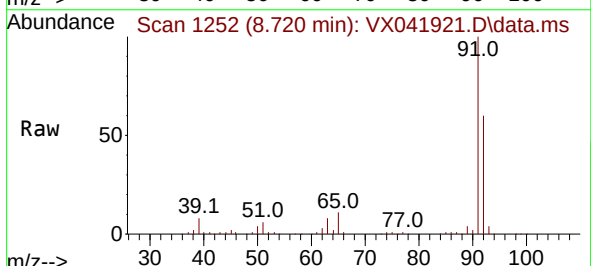
Acq: 18 Jun 2024 14:22

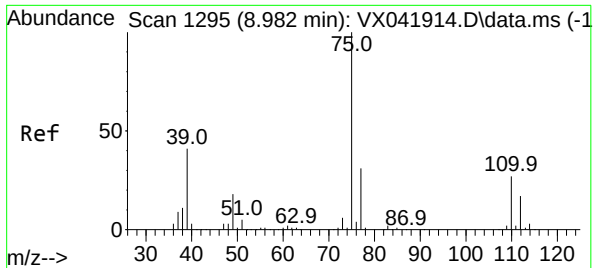
Tgt Ion: 92 Resp: 91018

Ion Ratio Lower Upper

92 100

91 169.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.306 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tgt Ion: 75 Resp: 45462

Ion Ratio Lower Upper

75 100

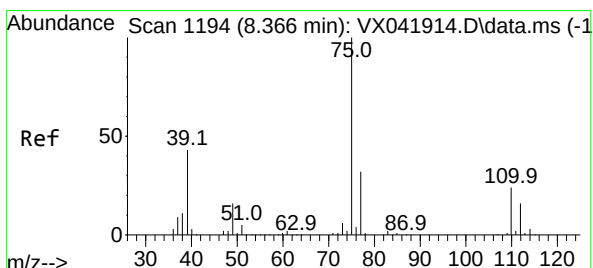
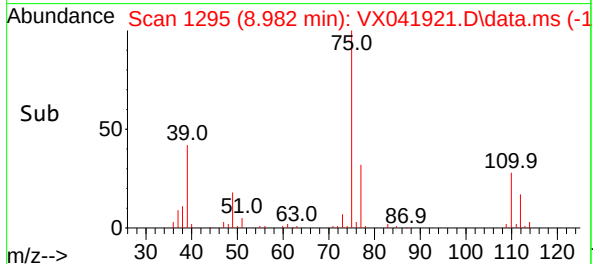
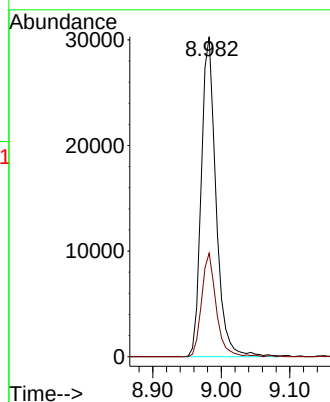
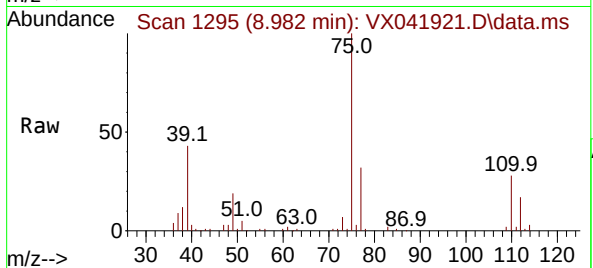
77 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#54

cis-1,3-Dichloropropene

Concen: 20.450 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

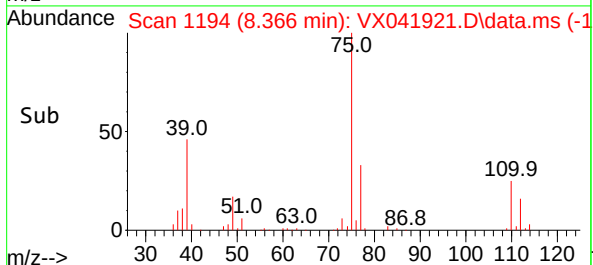
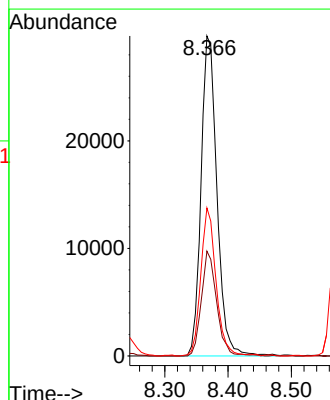
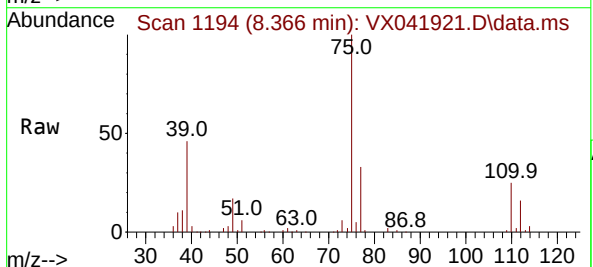
Tgt Ion: 75 Resp: 52154

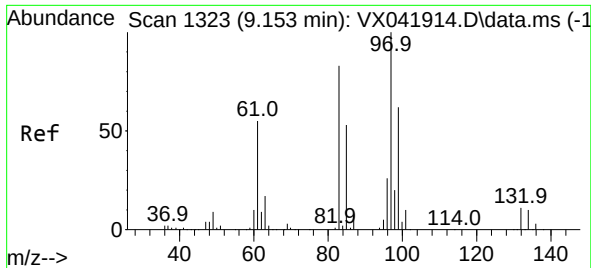
Ion Ratio Lower Upper

75 100

77 32.7 25.3 37.9

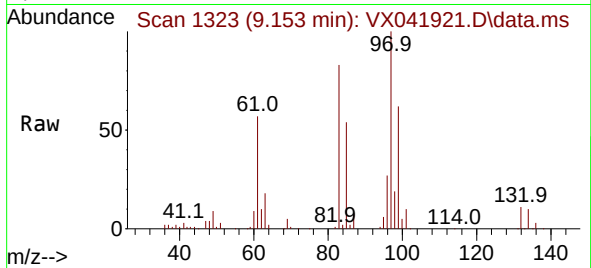
39 46.2 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 20.516 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

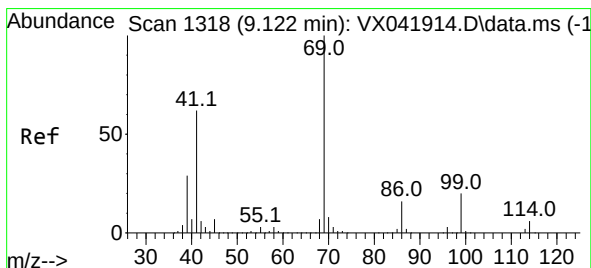
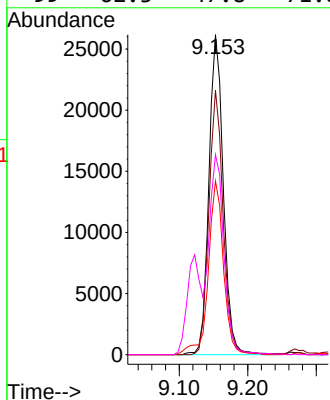
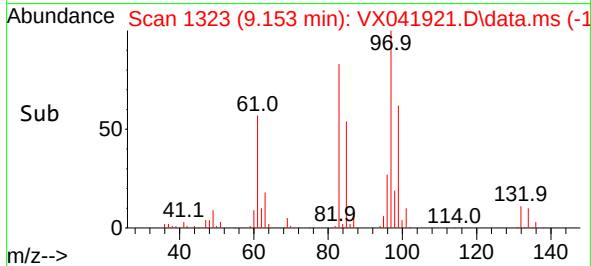
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01



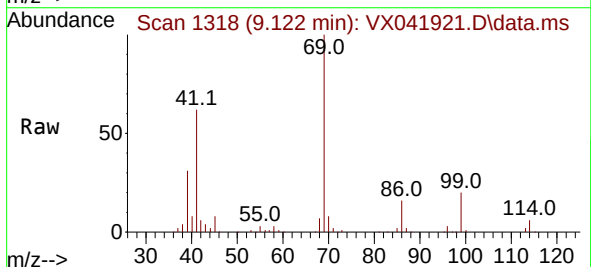
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.6	65.8	98.8
85	54.2	41.6	62.4
99	62.3	47.8	71.8

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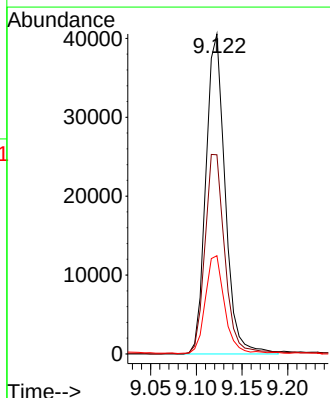
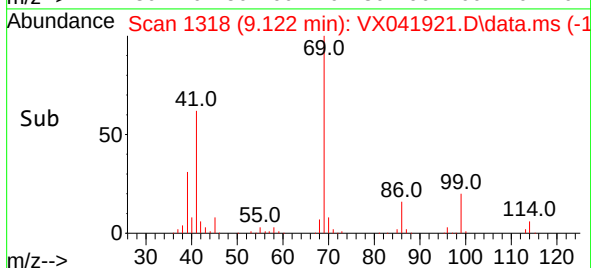
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

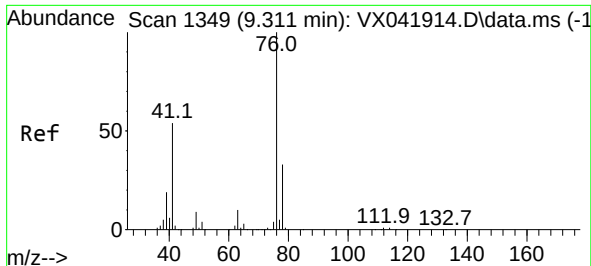


#56
Ethyl methacrylate
Concen: 20.279 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22



Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.5	56.8	85.2
39	30.7	32.0	48.0





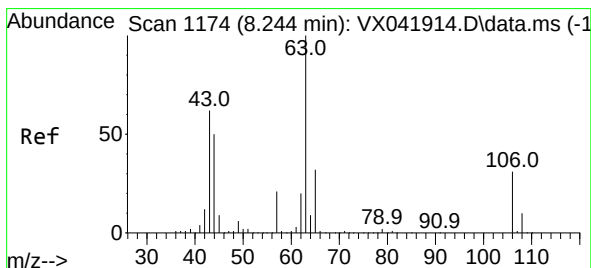
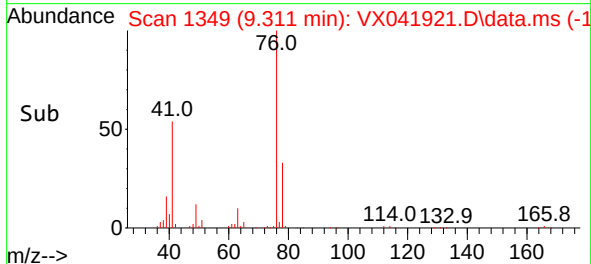
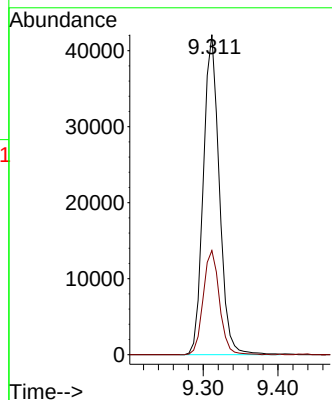
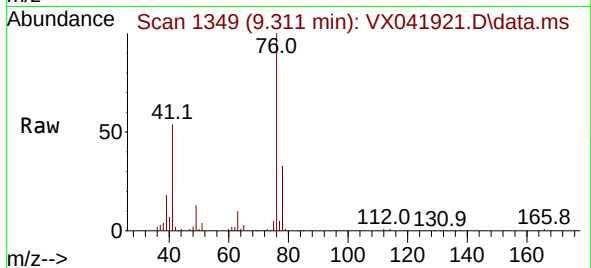
#57
1,3-Dichloropropane
Concen: 20.599 ug/l
RT: 9.311 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 76 Resp: 6252
Ion Ratio Lower Upper
76 100
78 33.0 26.1 39.1

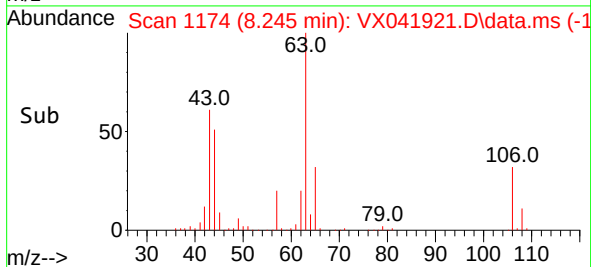
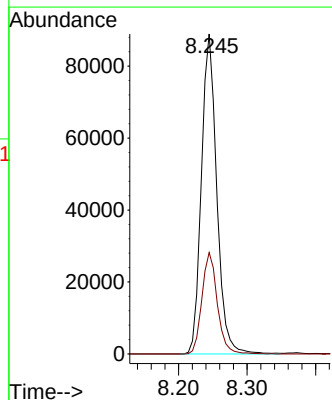
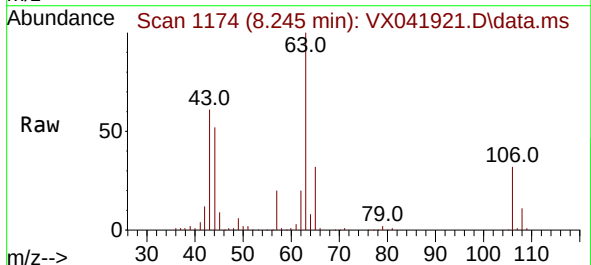
Manual Integrations
APPROVED

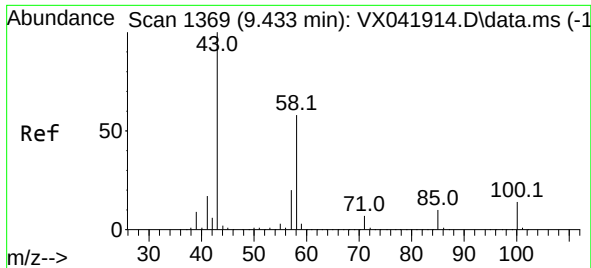
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#58
2-Chloroethyl Vinyl ether
Concen: 102.079 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

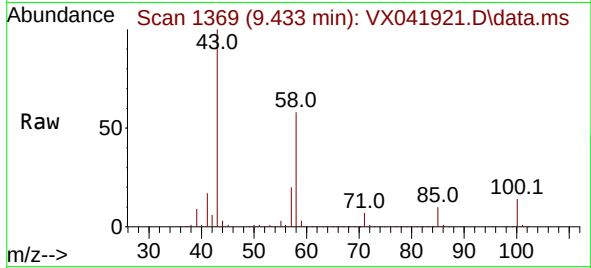
Tgt Ion: 63 Resp: 139030
Ion Ratio Lower Upper
63 100
106 31.7 22.5 33.7





#59
2-Hexanone
Concen: 106.381 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

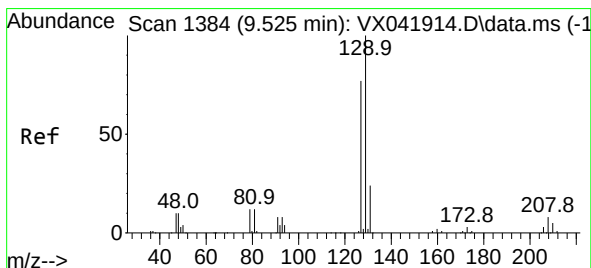
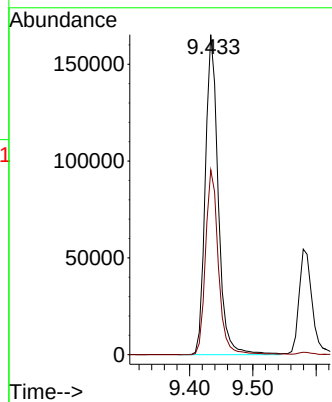
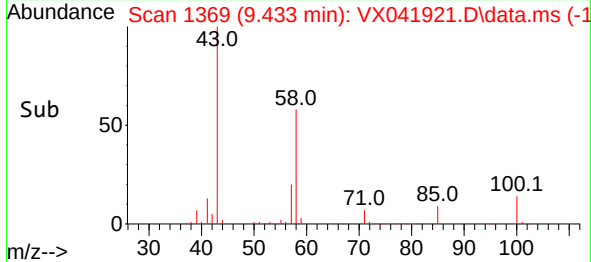
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01



Tgt Ion: 43 Resp: 235650
Ion Ratio Lower Upper
43 100
58 57.6 26.2 78.5

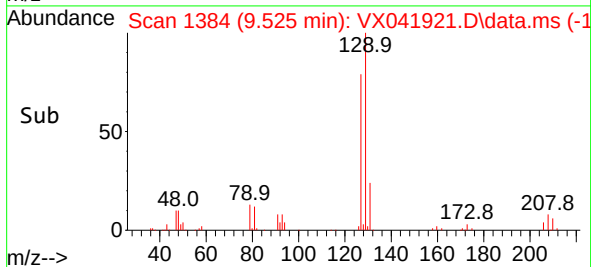
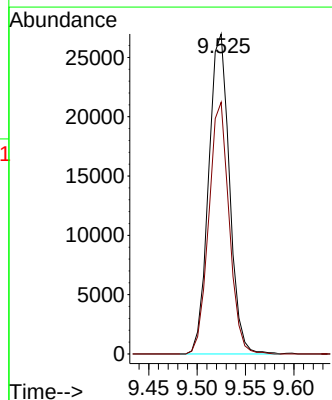
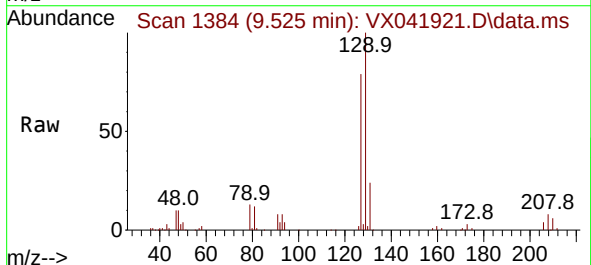
Manual Integrations
APPROVED

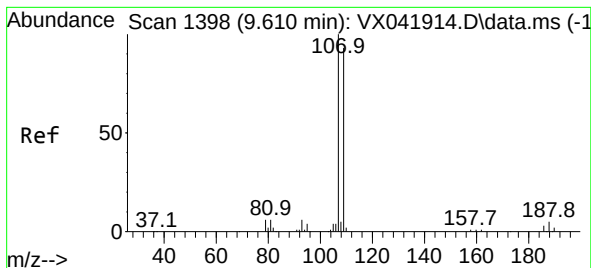
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#60
Dibromochloromethane
Concen: 19.776 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

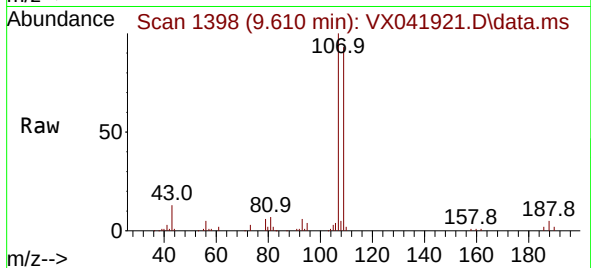
Tgt Ion:129 Resp: 40357
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.513 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

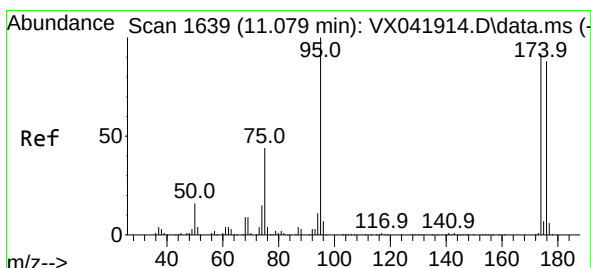
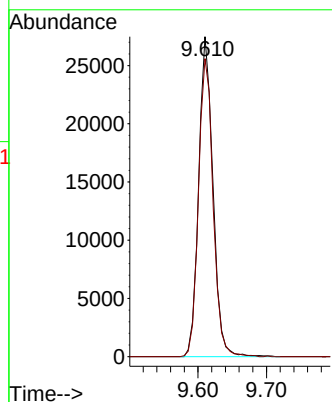
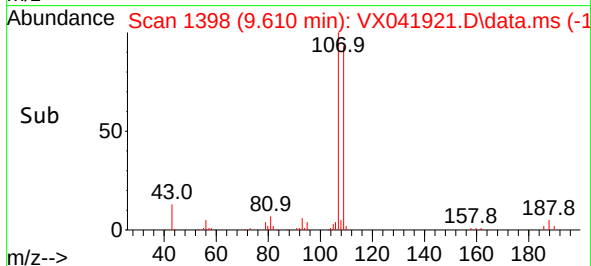
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01



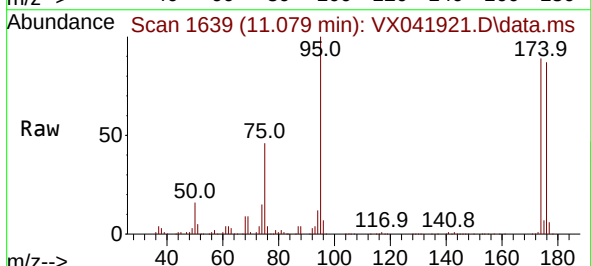
Tgt Ion:107 Resp: 3996
Ion Ratio Lower Upper
107 100
109 95.1 75.2 112.8

Manual Integrations
APPROVED

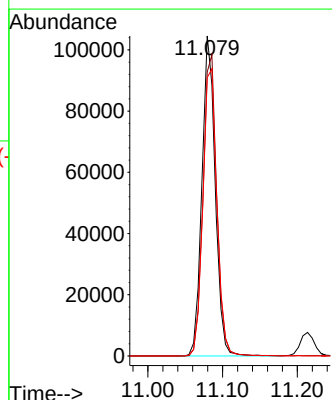
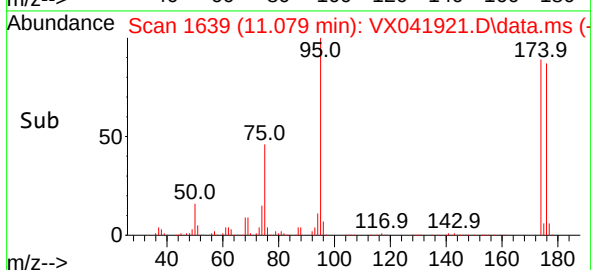
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

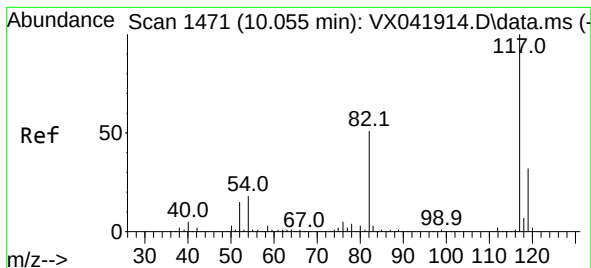


#62
4-Bromofluorobenzene
Concen: 50.372 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22



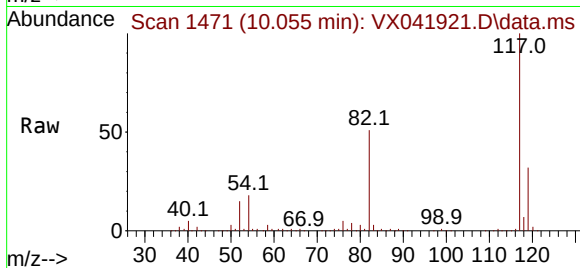
Tgt Ion: 95 Resp: 128989
Ion Ratio Lower Upper
95 100
174 97.5 0.0 135.6
176 94.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

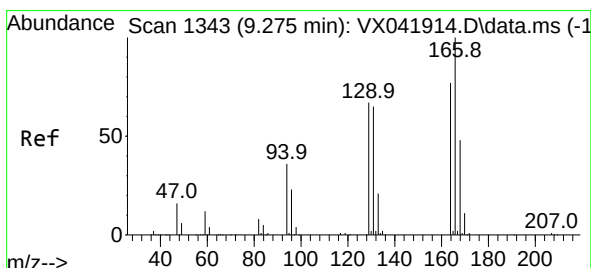
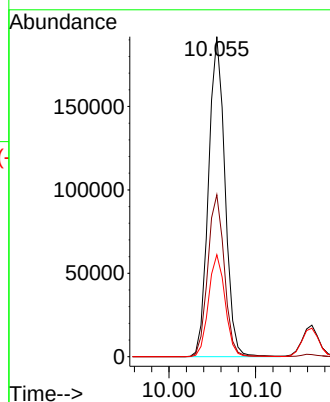
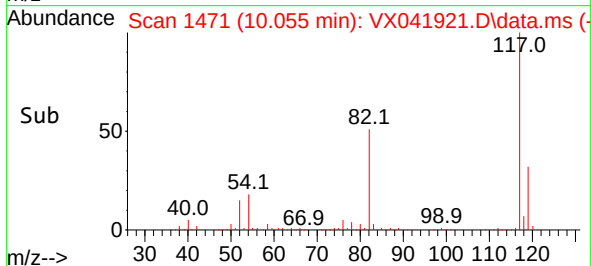
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01



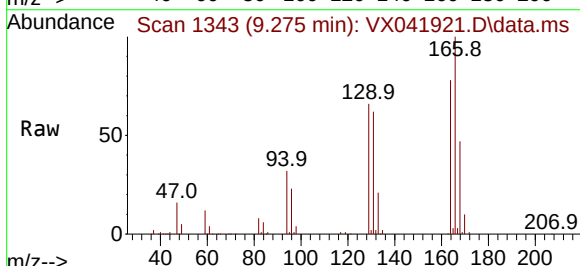
Tgt Ion:117 Resp: 25253
Ion Ratio Lower Upper
117 100
82 50.6 46.2 69.4
119 31.8 25.5 38.3

Manual Integrations
APPROVED

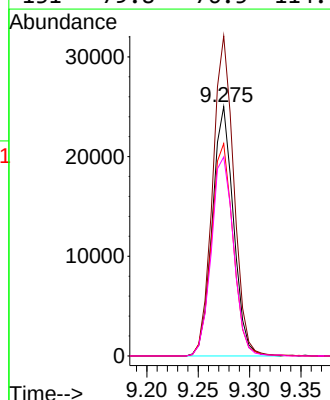
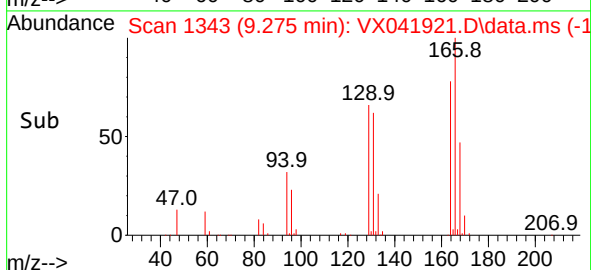
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

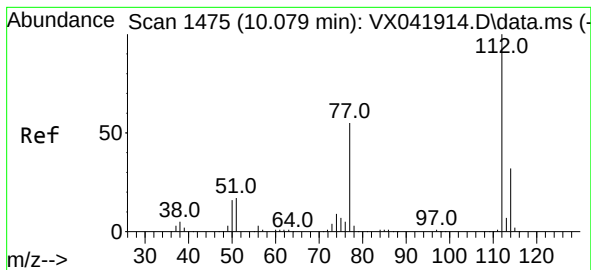


#64
Tetrachloroethene
Concen: 19.470 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22



Tgt Ion:164 Resp: 35798
Ion Ratio Lower Upper
164 100
166 128.3 102.7 154.1
129 85.2 80.4 120.6
131 79.8 76.5 114.7





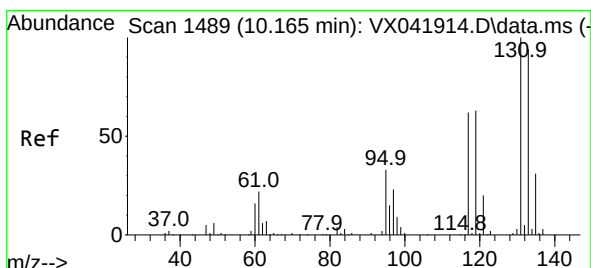
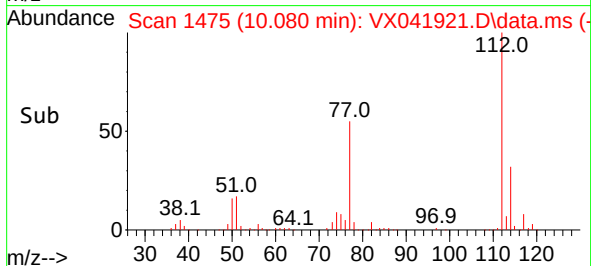
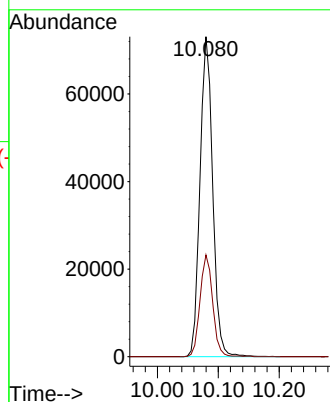
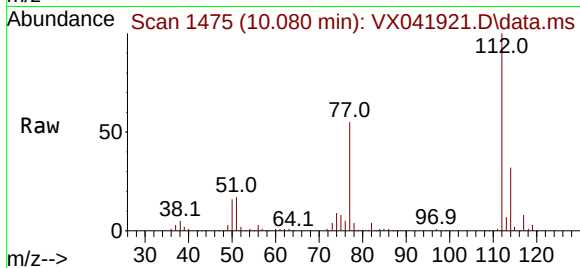
#65
Chlorobenzene
Concen: 20.134 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:112 Resp: 10574
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

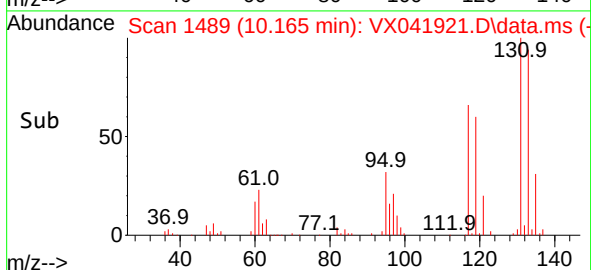
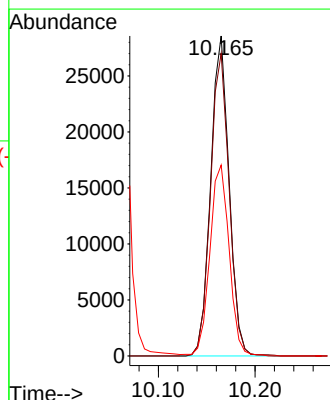
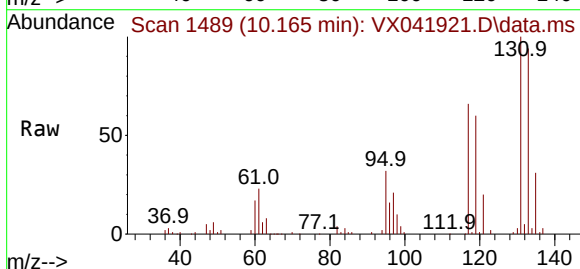
Manual Integrations
APPROVED

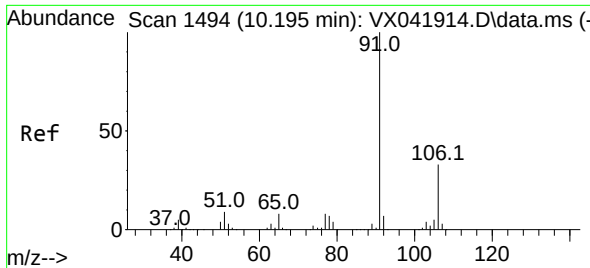
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.566 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Tgt Ion:131 Resp: 37816
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 62.7 32.2 96.6





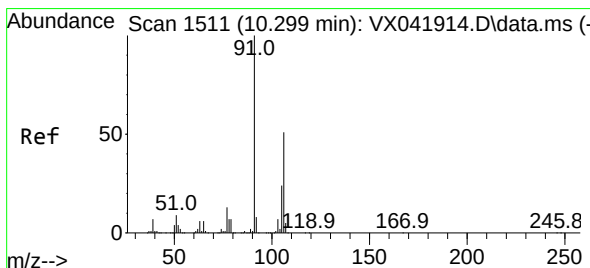
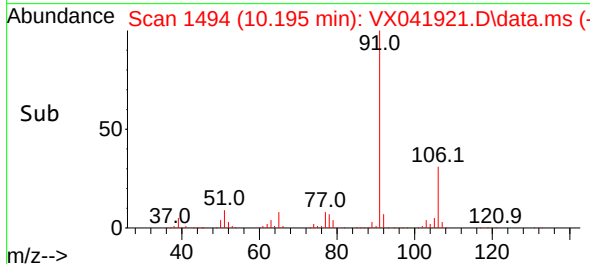
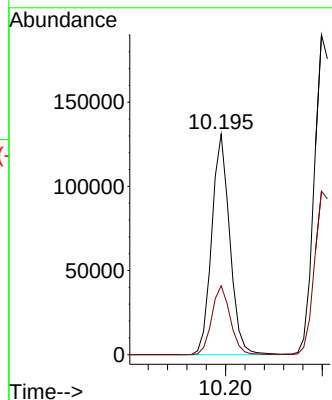
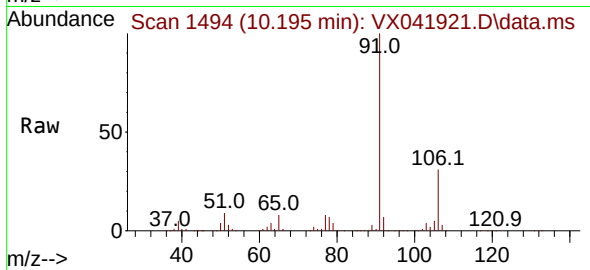
#67
Ethyl Benzene
Concen: 20.635 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 91 Resp: 16984
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

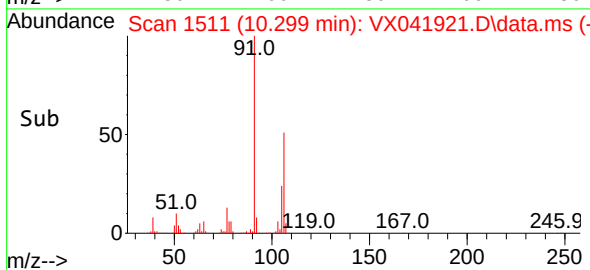
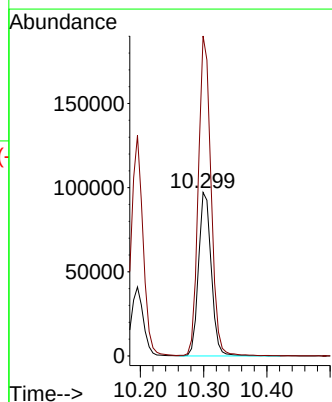
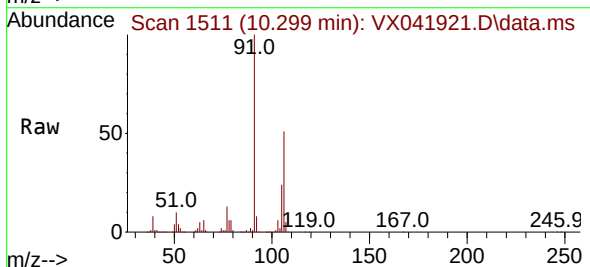
Manual Integrations
APPROVED

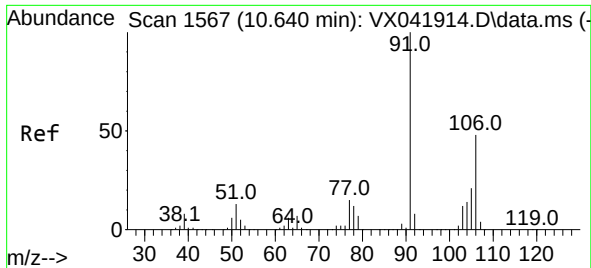
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#68
m/p-Xylenes
Concen: 41.039 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Tgt Ion:106 Resp: 136356
Ion Ratio Lower Upper
106 100
91 194.6 165.5 248.3





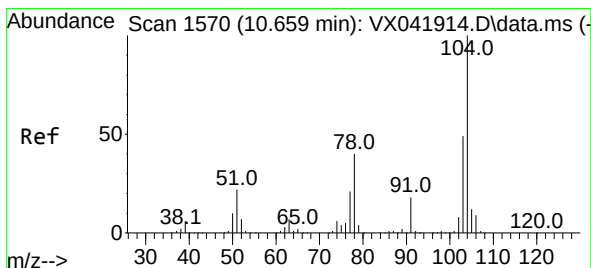
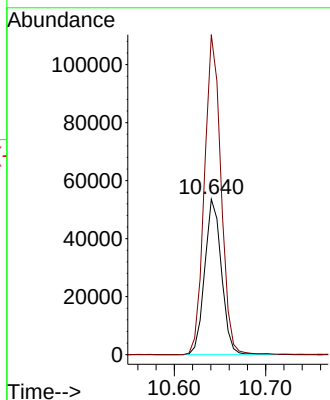
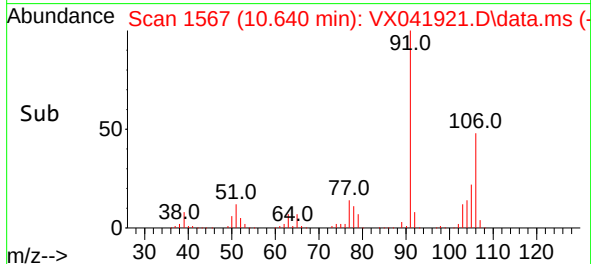
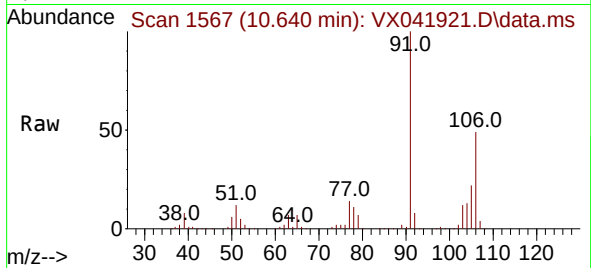
#69
o-Xylene
Concen: 20.693 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:106 Resp: 68069
Ion Ratio Lower Upper
106 100
91 203.8 108.9 326.8

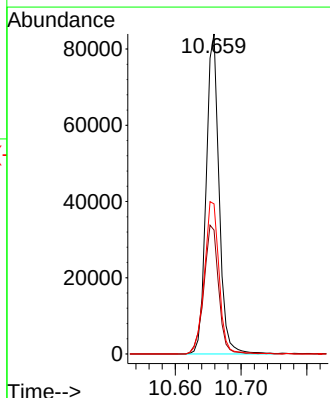
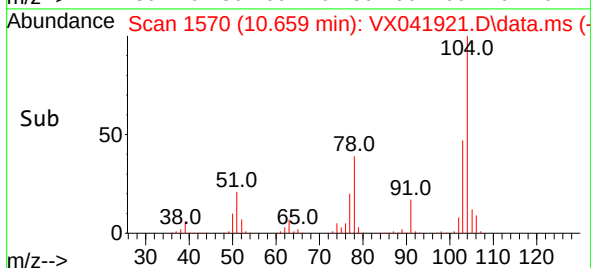
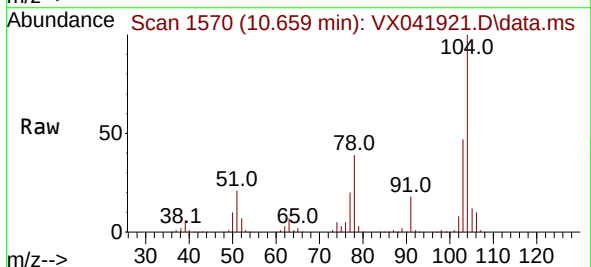
Manual Integrations
APPROVED

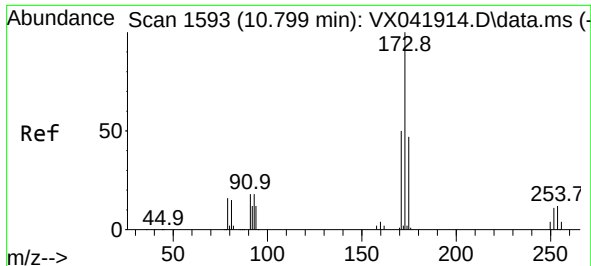
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#70
Styrene
Concen: 20.816 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

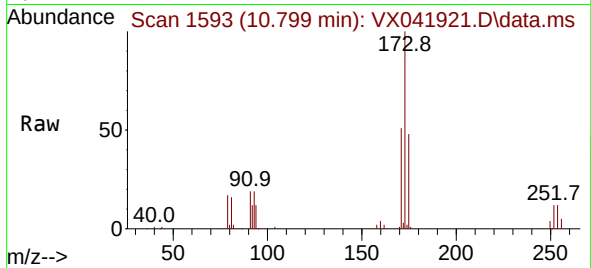
Tgt Ion:104 Resp: 114823
Ion Ratio Lower Upper
104 100
78 45.7 43.6 65.4
103 54.1 43.6 65.4





#71
Bromoform
Concen: 19.326 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

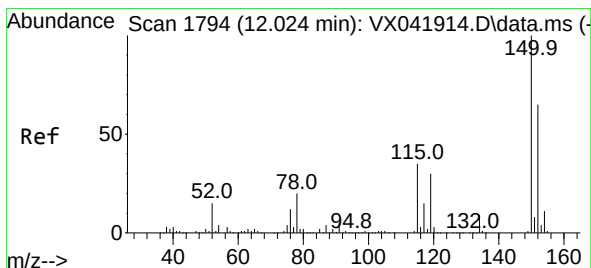
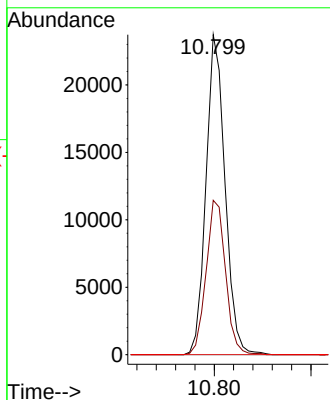
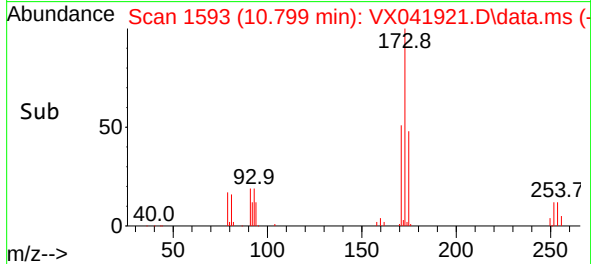
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01



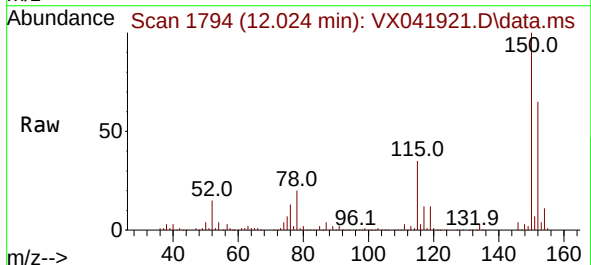
Tgt Ion:173 Resp: 3245
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

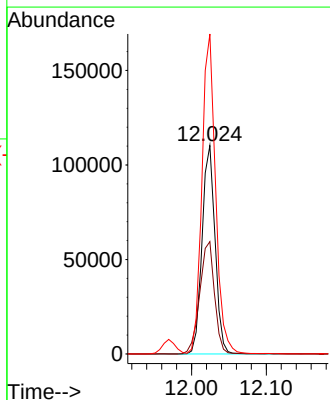
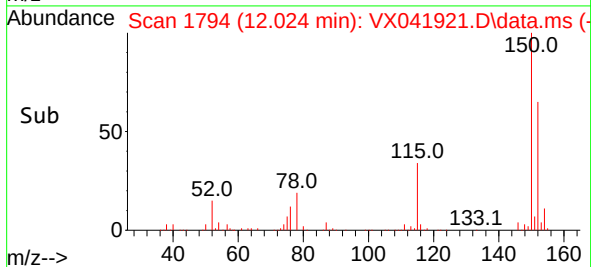
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

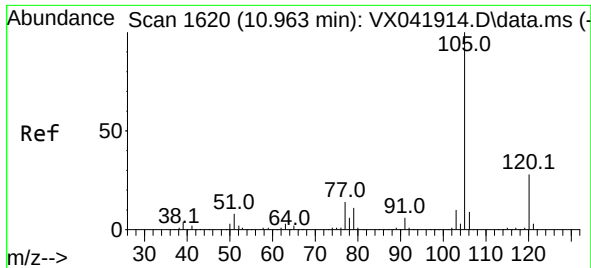


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22



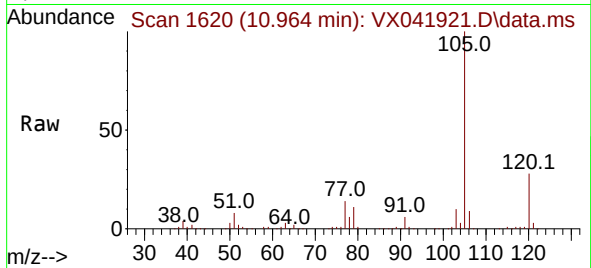
Tgt Ion:152 Resp: 133699
Ion Ratio Lower Upper
152 100
115 61.0 43.3 129.9
150 160.5 0.0 345.0





#73
Isopropylbenzene
Concen: 21.357 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

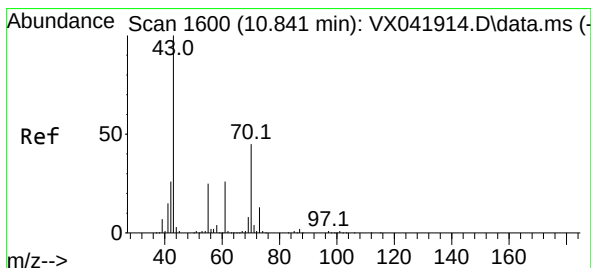
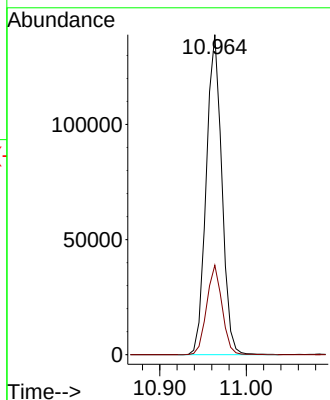
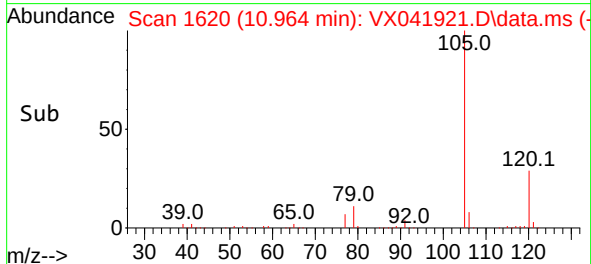
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01



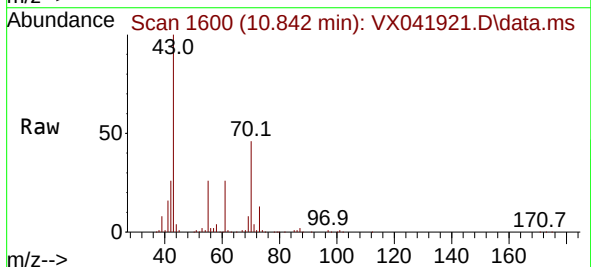
Tgt Ion:105 Resp: 173620
Ion Ratio Lower Upper
105 100
120 27.6 12.9 38.6

Manual Integrations
APPROVED

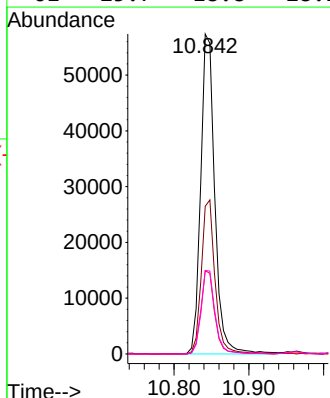
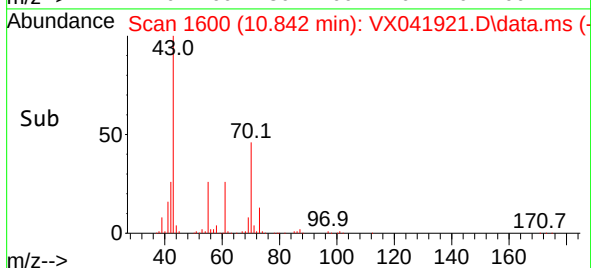
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

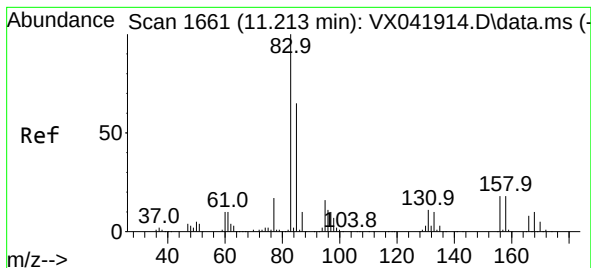


#74
N-ethyl acetate
Concen: 20.869 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22



Tgt Ion: 43 Resp: 75358
Ion Ratio Lower Upper
43 100
70 46.9 32.9 49.3
55 25.6 19.3 28.9
61 25.7 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.146 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

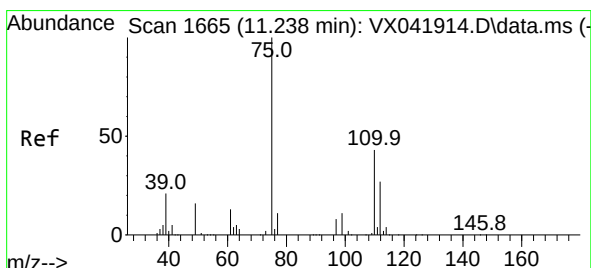
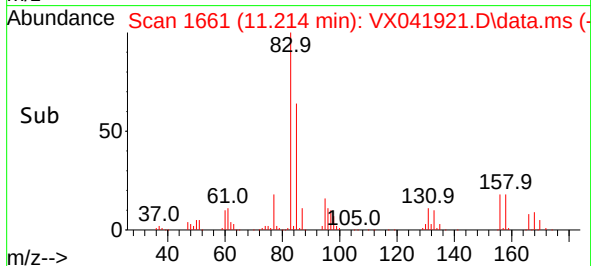
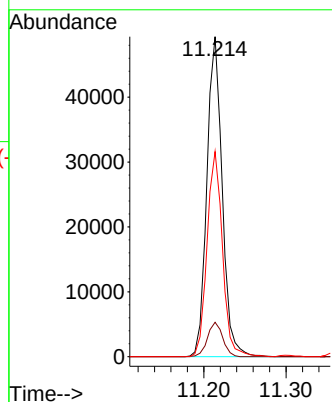
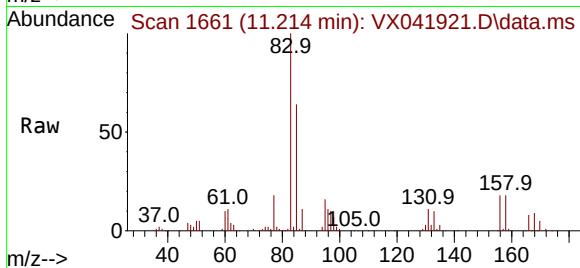
Tgt Ion:	83	Resp:	63918
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.3	15.8
85	64.3	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#76

1,2,3-Trichloropropane

Concen: 20.196 ug/l m

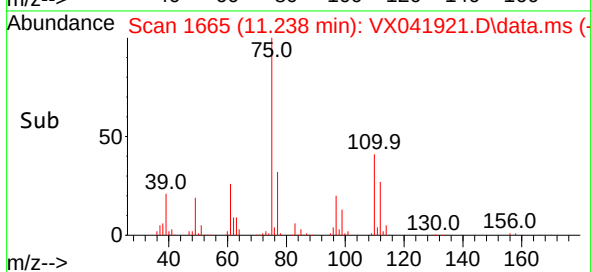
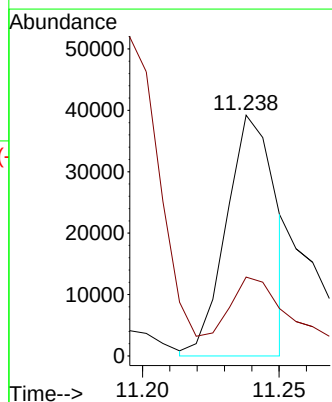
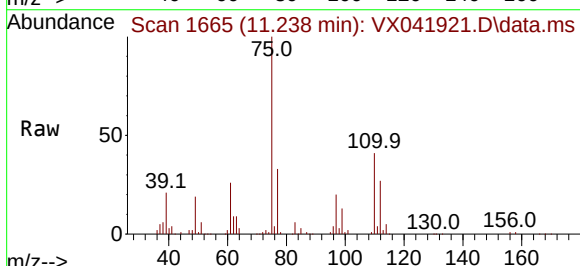
RT: 11.238 min Scan# 1665

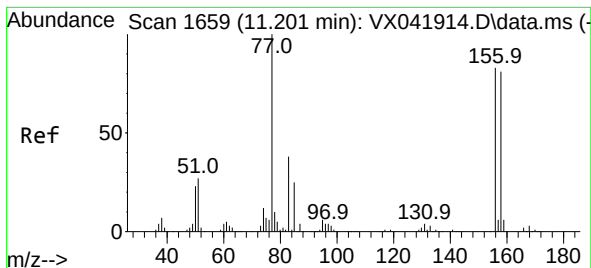
Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Tgt Ion:	75	Resp:	49019
Ion	Ratio	Lower	Upper
75	100		
77	44.1	19.1	57.5





#77

Bromobenzene

Concen: 20.517 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

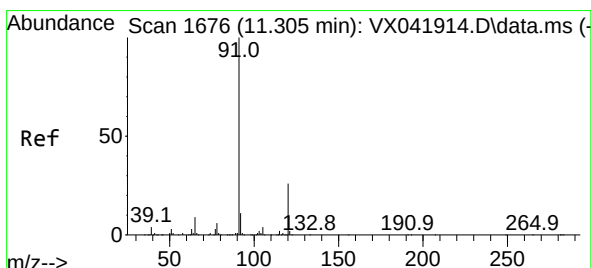
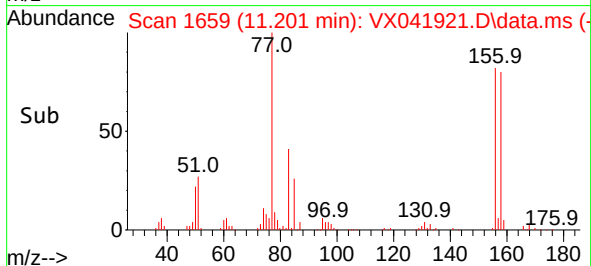
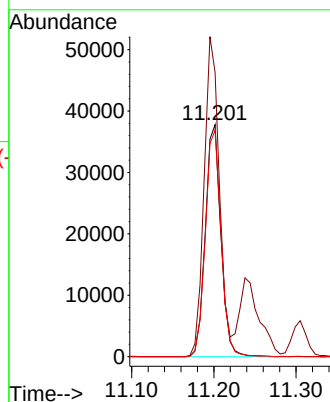
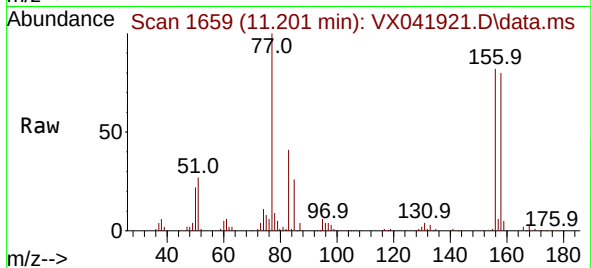
Tgt Ion:	156	Resp:	49670
Ion Ratio	Lower	Upper	
156	100		
77	134.0	88.4	265.3
158	98.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#78

n-propylbenzene

Concen: 21.258 ug/l

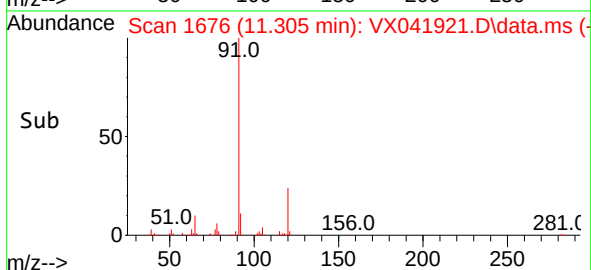
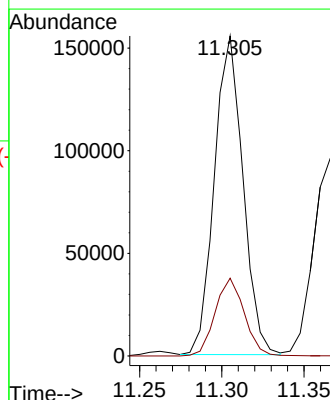
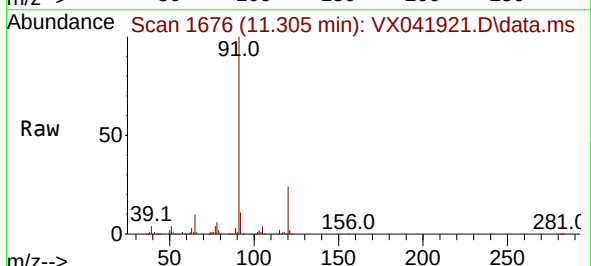
RT: 11.305 min Scan# 1676

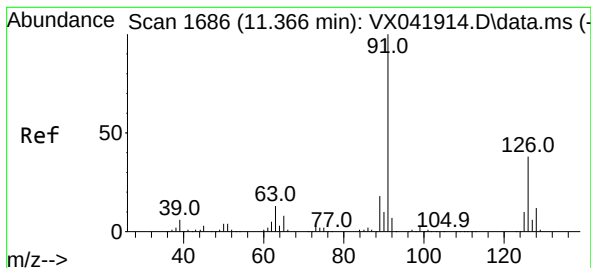
Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Tgt Ion:	91	Resp:	187512
Ion Ratio	Lower	Upper	
91	100		
120	24.9	11.5	34.4





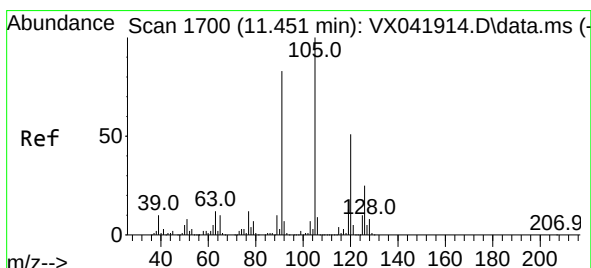
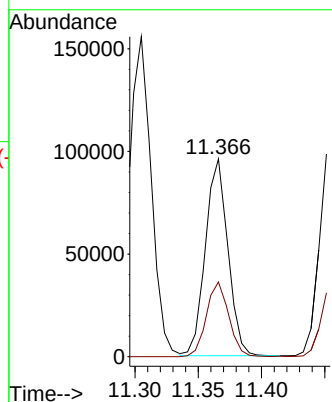
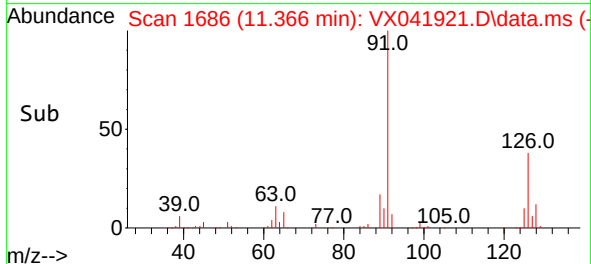
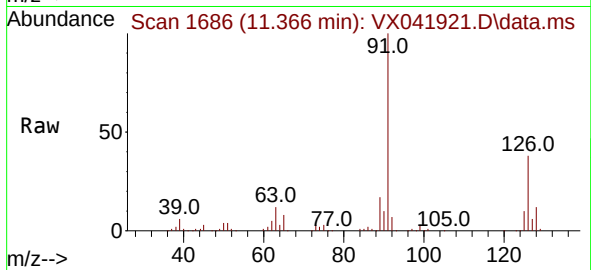
#79
2-Chlorotoluene
Concen: 20.898 ug/l
RT: 11.366 min Scan# 11876
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 91 Resp: 11876
Ion Ratio Lower Upper
91 100
126 37.7 16.3 48.8

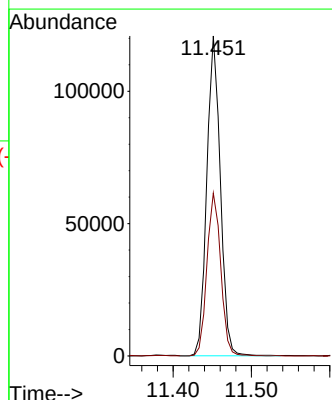
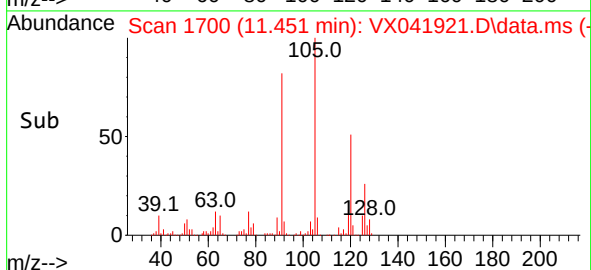
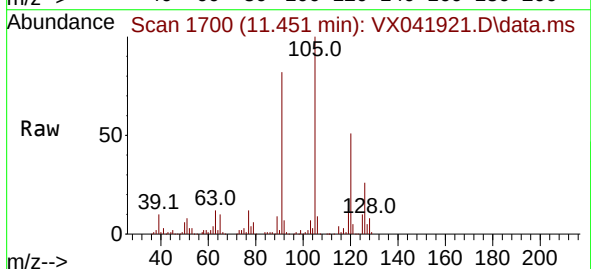
Manual Integrations
APPROVED

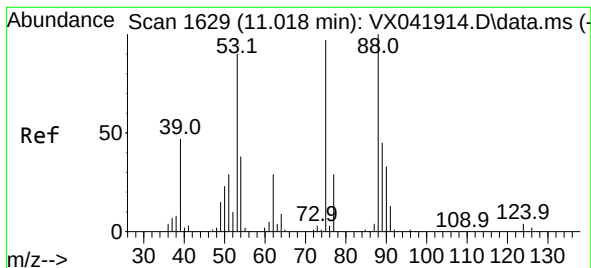
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 21.317 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Tgt Ion:105 Resp: 144344
Ion Ratio Lower Upper
105 100
120 52.0 24.1 72.3





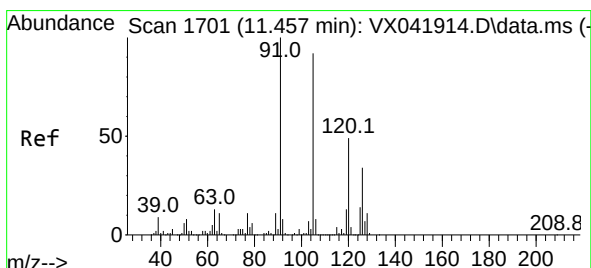
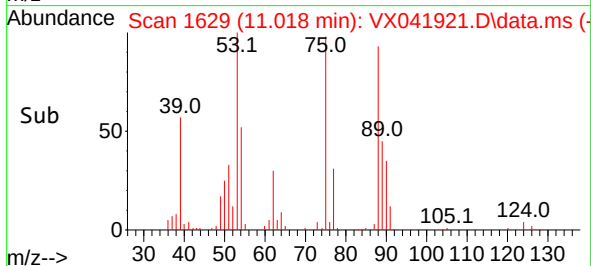
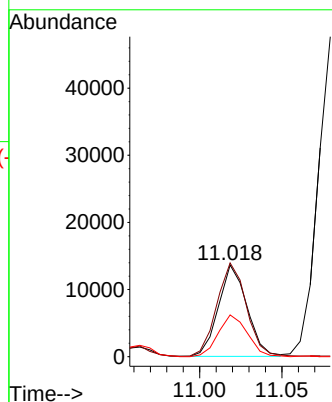
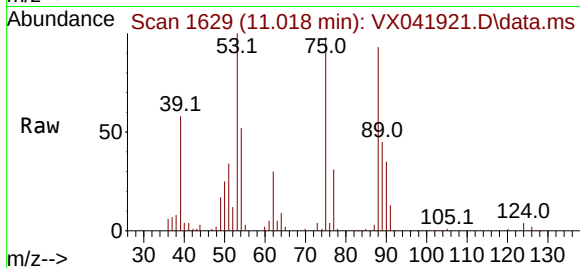
#81
trans-1,4-Dichloro-2-butene
Concen: 19.147 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion: 75 Resp: 16364
Ion Ratio Lower Upper
75 100
53 107.8 90.5 135.7
89 47.0 36.9 55.3

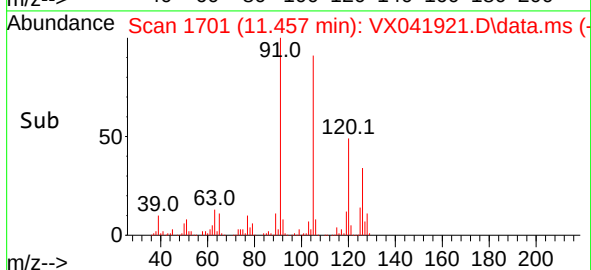
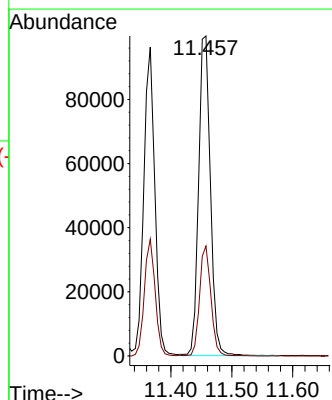
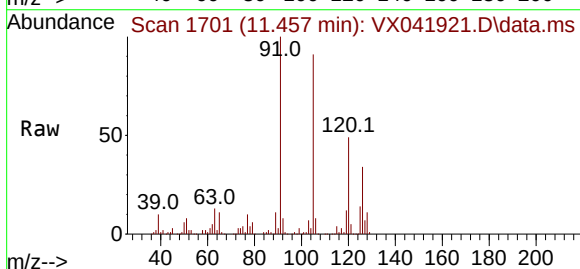
Manual Integrations
APPROVED

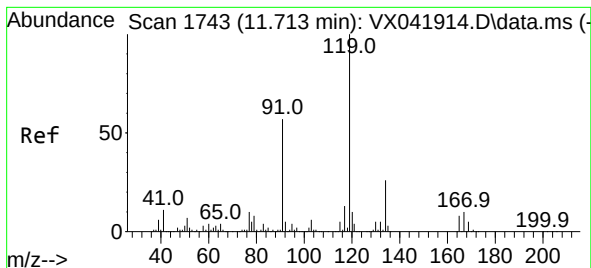
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#82
4-Chlorotoluene
Concen: 21.296 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Tgt Ion: 91 Resp: 133791
Ion Ratio Lower Upper
91 100
126 33.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 21.448 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tgt Ion:119 Resp: 159352

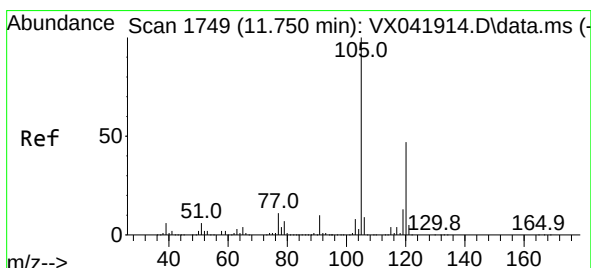
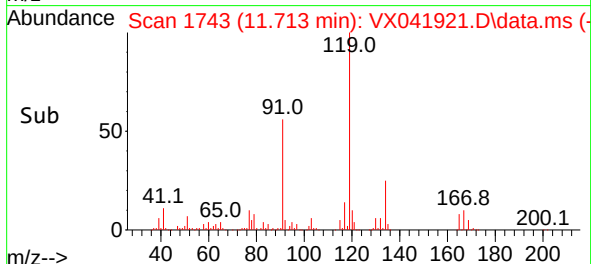
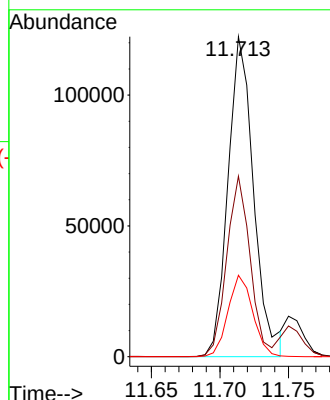
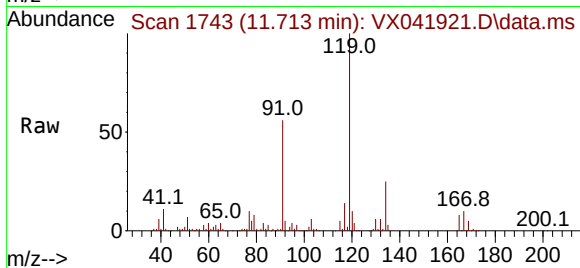
Ion	Ratio	Lower	Upper
119	100		
91	51.6	31.2	93.6
134	24.7	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#84

1,2,4-Trimethylbenzene

Concen: 21.631 ug/l

RT: 11.750 min Scan# 1749

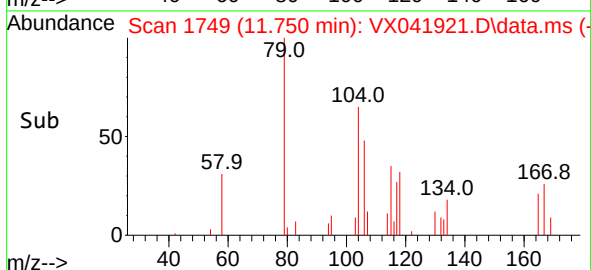
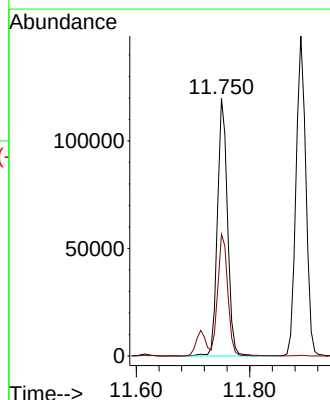
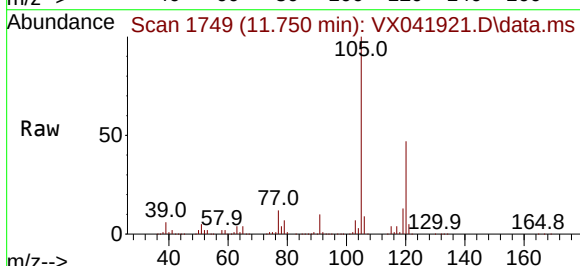
Delta R.T. 0.000 min

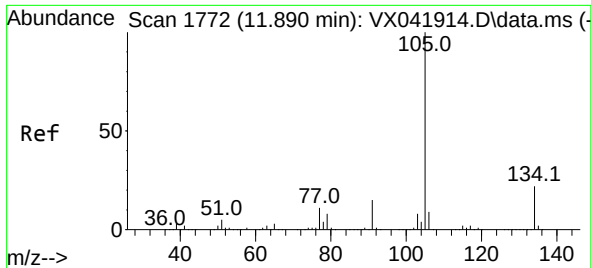
Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Tgt Ion:105 Resp: 146944

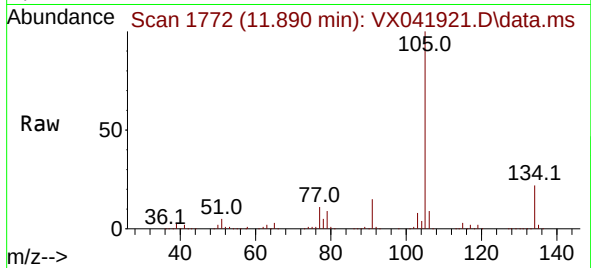
Ion	Ratio	Lower	Upper
105	100		
120	46.7	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 21.224 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041921.D
 Acq: 18 Jun 2024 14:22

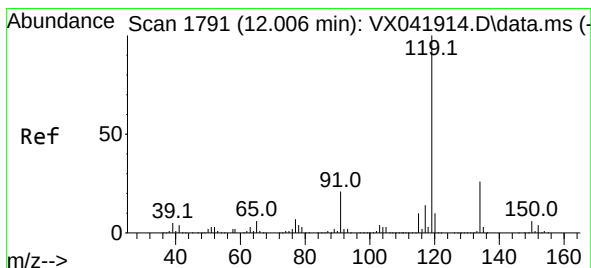
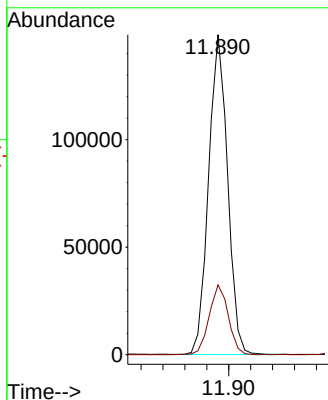
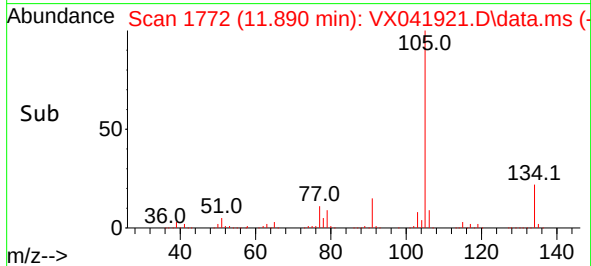
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01



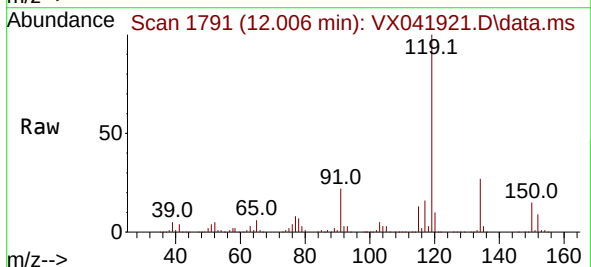
Tgt Ion:105 Resp: 17836
 Ion Ratio Lower Upper
 105 100
 134 22.0 9.8 29.4

Manual Integrations
 APPROVED

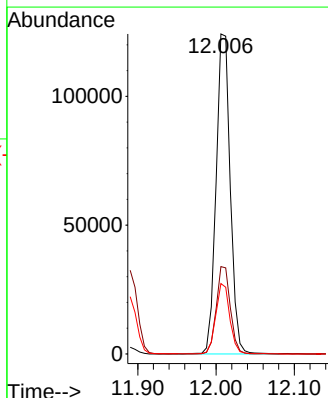
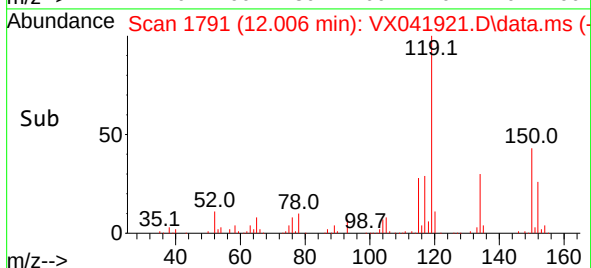
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024

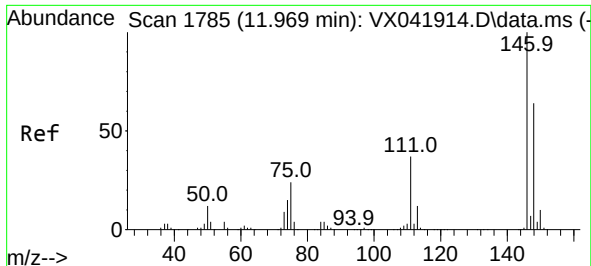


#86
 p-Isopropyltoluene
 Concen: 21.268 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041921.D
 Acq: 18 Jun 2024 14:22



Tgt Ion:119 Resp: 156129
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.8 38.3
 91 21.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.710 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tgt Ion:146 Resp: 88135

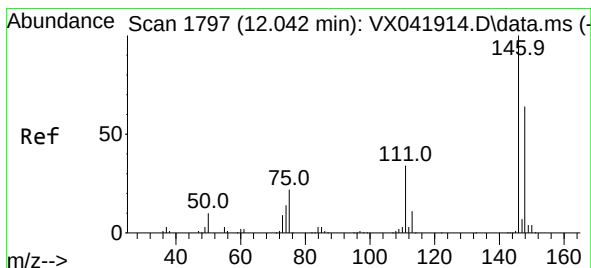
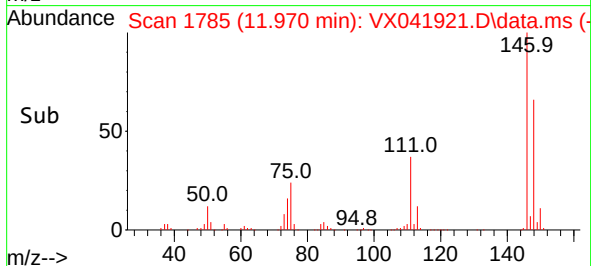
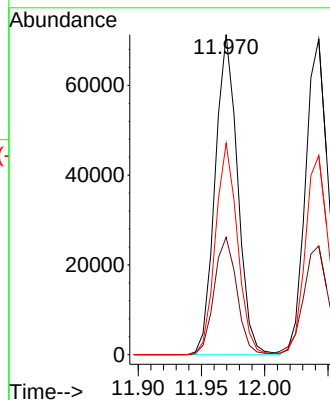
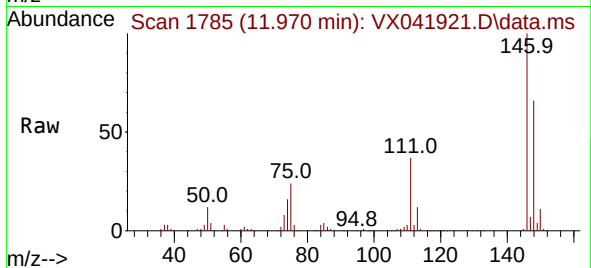
Ion	Ratio	Lower	Upper
146	100		
111	37.0	22.1	66.1
148	64.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#88

1,4-Dichlorobenzene

Concen: 20.153 ug/l

RT: 12.043 min Scan# 1797

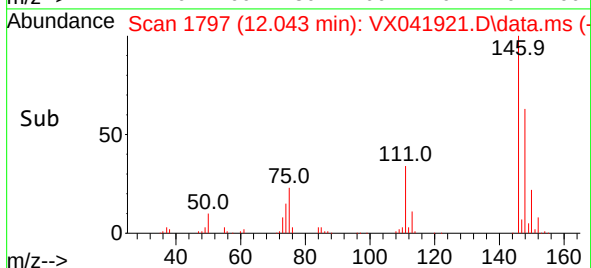
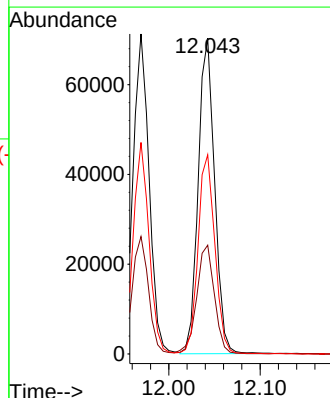
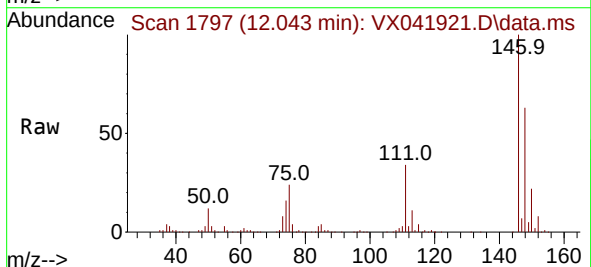
Delta R.T. 0.000 min

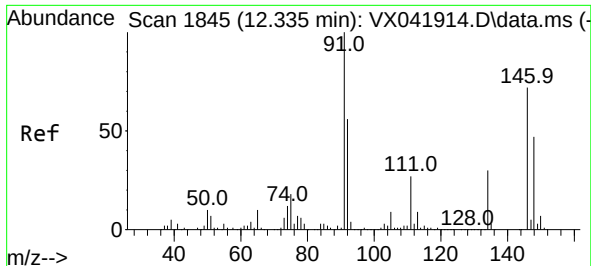
Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Tgt Ion:146 Resp: 87793

Ion	Ratio	Lower	Upper
146	100		
111	37.2	21.3	63.7
148	65.2	31.8	95.4





#89

n-Butylbenzene

Concen: 20.265 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tgt Ion: 91 Resp: 114510

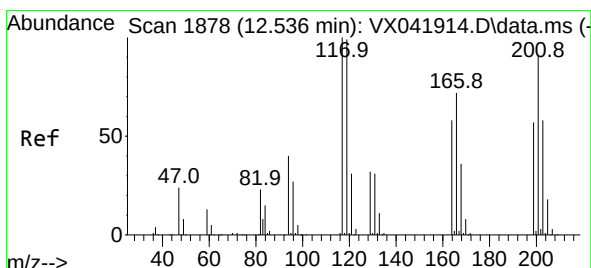
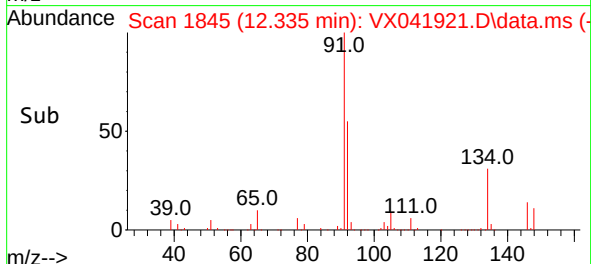
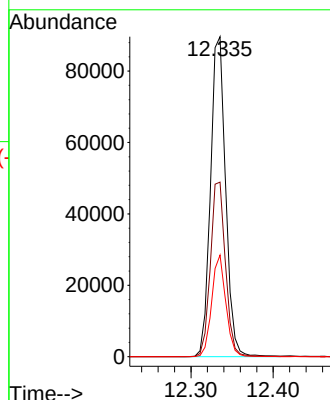
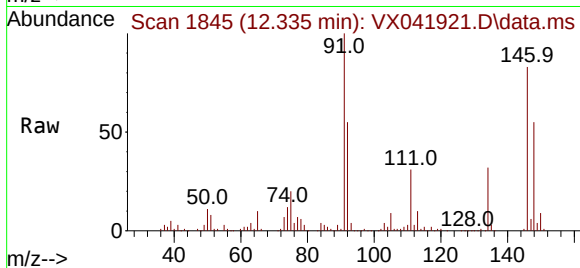
Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.4	82.0
134	29.8	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#90

Hexachloroethane

Concen: 20.214 ug/l

RT: 12.536 min Scan# 1878

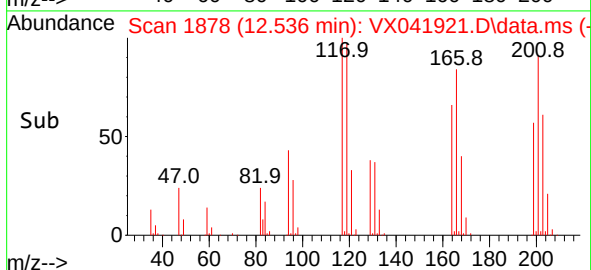
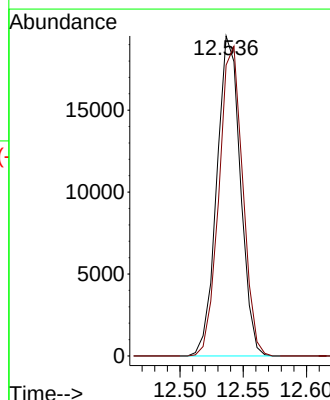
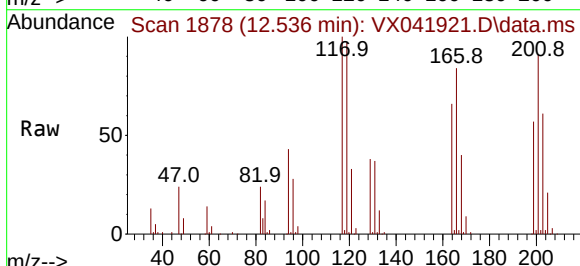
Delta R.T. 0.000 min

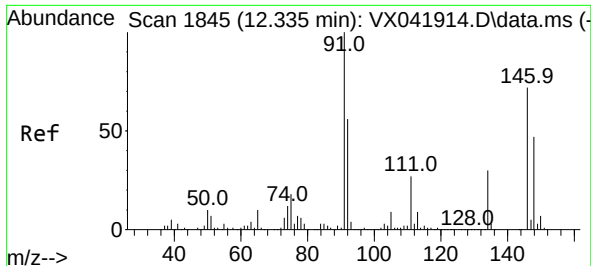
Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Tgt Ion:117 Resp: 25263

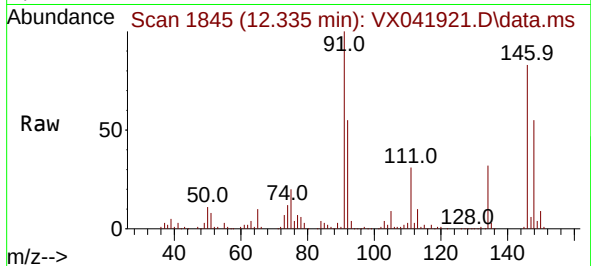
Ion	Ratio	Lower	Upper
117	100		
201	97.2	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 20.963 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

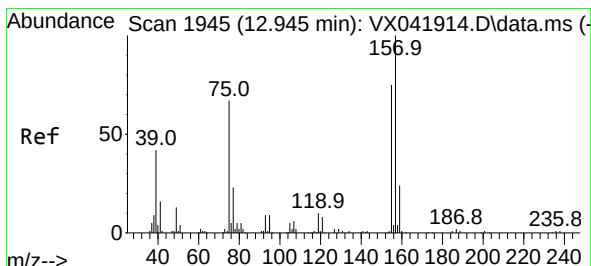
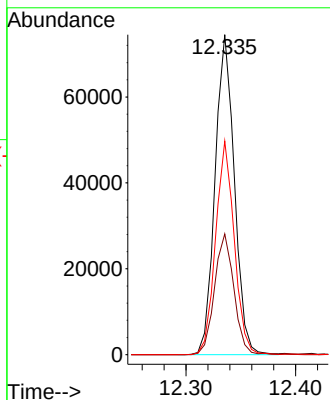
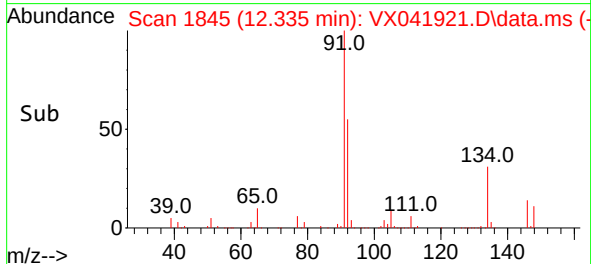
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01



Tgt Ion:146 Resp: 9128
Ion Ratio Lower Upper
146 100
111 37.9 22.4 67.0
148 64.7 31.6 95.0

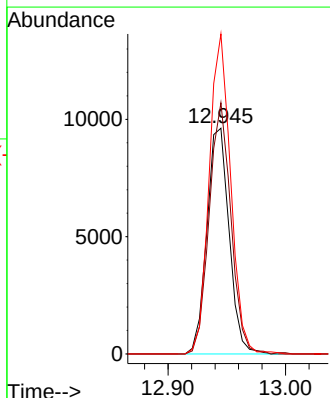
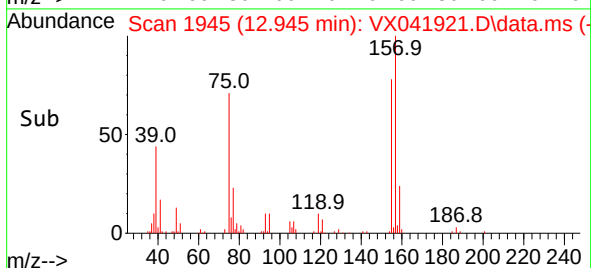
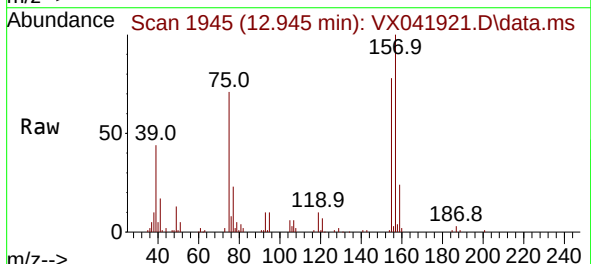
Manual Integrations
APPROVED

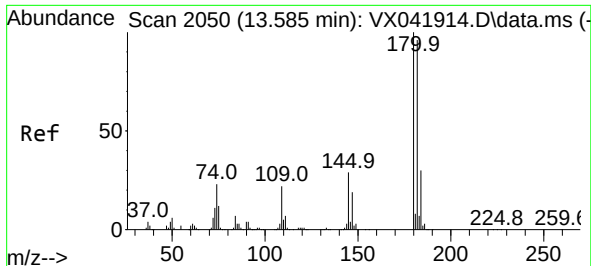
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.129 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Tgt Ion: 75 Resp: 12657
Ion Ratio Lower Upper
75 100
155 108.9 36.1 108.5#
157 136.8 44.9 134.7#





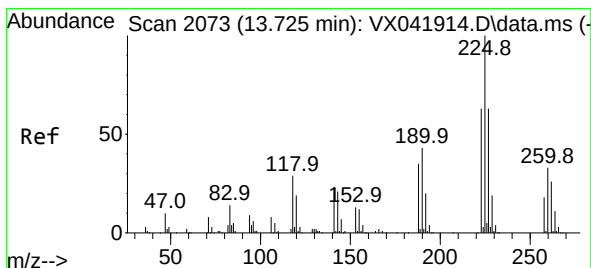
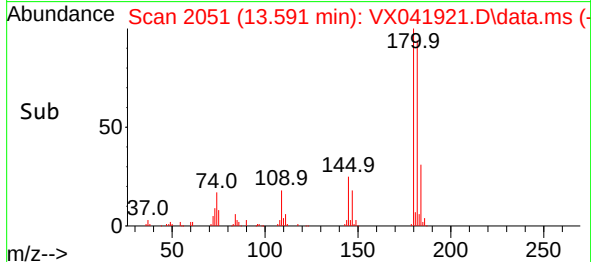
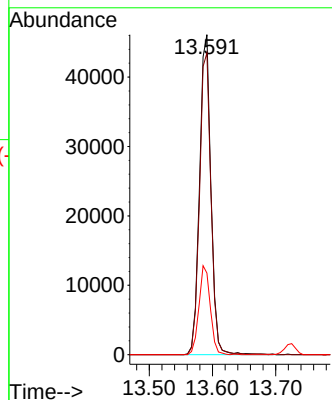
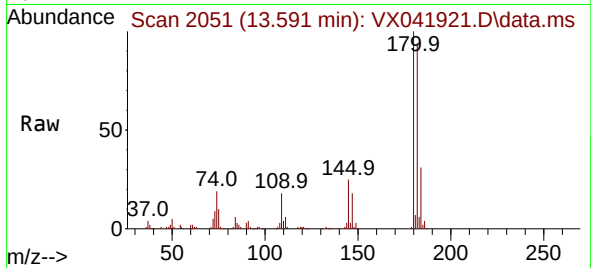
#93
1,2,4-Trichlorobenzene
Concen: 20.220 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tgt Ion:180 Resp: 5768
Ion Ratio Lower Upper
180 100
182 95.0 48.3 144.8
145 27.7 18.0 54.0

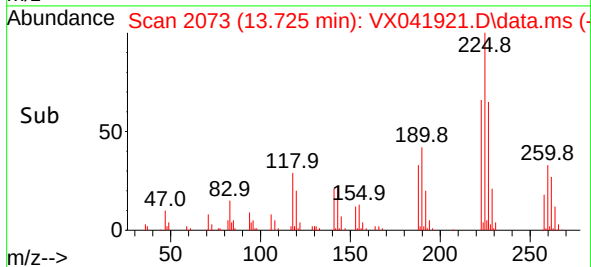
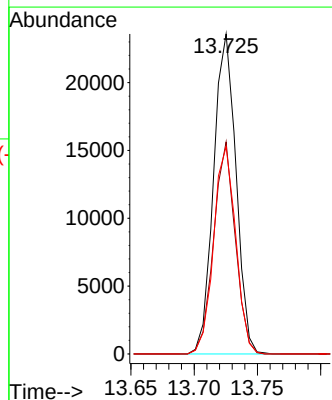
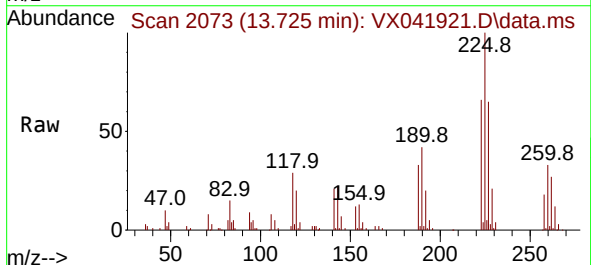
Manual Integrations
APPROVED

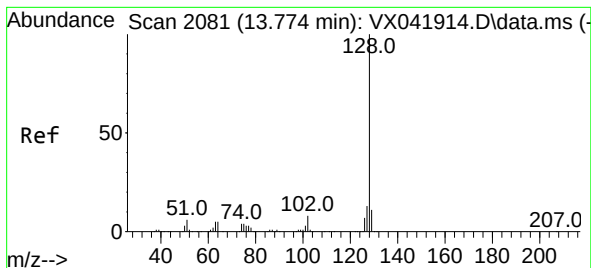
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#94
Hexachlorobutadiene
Concen: 20.118 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041921.D
Acq: 18 Jun 2024 14:22

Tgt Ion:225 Resp: 29020
Ion Ratio Lower Upper
225 100
223 63.7 31.1 93.2
227 64.0 32.5 97.5





#95

Naphthalene

Concen: 19.749 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tgt Ion:128 Resp: 184908

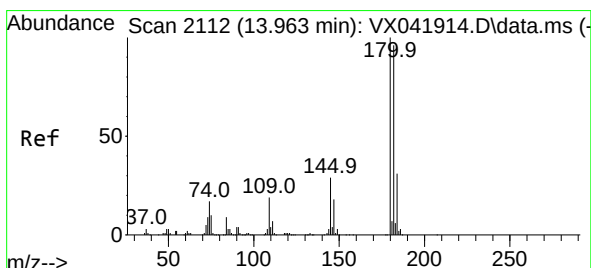
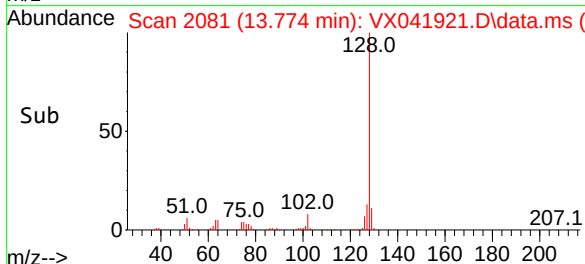
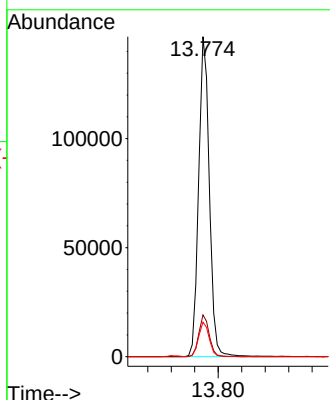
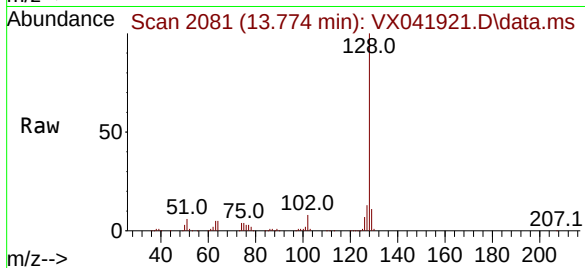
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#96

1,2,3-Trichlorobenzene

Concen: 20.658 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041921.D

Acq: 18 Jun 2024 14:22

Tgt Ion:180 Resp: 62154

Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.9	140.6
145	29.4	17.8	53.5

