

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041878.D
 Acq On : 14 Jun 2024 15:16
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061424

Quant Time: Jun 15 04:10:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/17/2024
 Supervised By : Mahesh Dadoda 06/17/2024

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

Internal Standards						
1) Bromochloromethane	4.904	128	32057	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	177234	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	166426	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	62657	28.393	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.633%		
60) 4-Bromofluorobenzene	11.079	95	77758	30.184	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.600%		
63) Toluene-d8	8.647	98	215998	30.336	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.133%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	40745	19.635	ug/l	97
3) Chloromethane	1.301	50	45461	19.598	ug/l	99
4) Vinyl Chloride	1.374	62	43424	19.142	ug/l	97
5) Bromomethane	1.599	94	22390	18.464	ug/l	100
6) Chloroethane	1.666	64	23670	24.423	ug/l	100
7) Trichlorofluoromethane	1.874	101	57458	20.112	ug/l	99
8) Diethyl Ether	2.136	74	23076	18.664	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	38265	19.702	ug/l	100
10) 1,1-Dichloroethene	2.307	96	37589	19.187	ug/l	93
11) Methyl Iodide	2.447	142	46310	18.162	ug/l	99
12) Methyl Acetate	2.709	43	47826	19.147	ug/l	98
13) Acrolein	2.239	56	44872	89.095	ug/l	99
14) Acrylonitrile	3.069	53	116226	98.037	ug/l	98
15) Acetone	2.392	58	37522	110.639	ug/l	95
16) Carbon Disulfide	2.502	76	82760	19.276	ug/l	99
17) Allyl chloride	2.660	41	60409	20.303	ug/l	99
18) Methylene Chloride	2.788	84	41897	18.644	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	37662	19.190	ug/l	97
20) Diisopropyl ether	3.764	45	116935	19.120	ug/l	90
21) 1,1-Dichloroethane	3.605	63	65019	18.612	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	44683	18.808	ug/l	96
23) tert-Butyl Alcohol	2.989	59	51144	116.035	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	116654	19.249	ug/l	97
25) Chloroform	5.099	83	67767	19.088	ug/l	96
26) Cyclohexane	5.464	56	58691	19.343	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	46669	20.175	ug/l	98
30) 2-Butanone	4.568	43	166742	107.880	ug/l	99
31) 2,2-Dichloropropane	4.471	77	52488	20.708	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	57676	19.670	ug/l	99
33) Carbon Tetrachloride	5.672	117	50213	19.855	ug/l	99
34) Benzene	6.038	78	153938	19.977	ug/l	98
35) Methacrylonitrile	4.928	41	30905	19.907	ug/l	93
36) 1,2-Dichloroethane	6.086	62	48202	20.079	ug/l	99
37) Trichloroethene	7.129	130	41840	19.878	ug/l	99
38) Methylcyclohexane	7.379	83	62681	20.457	ug/l	99
39) 1,2-Dichloropropane	7.434	63	35762	19.483	ug/l	99
40) Dibromomethane	7.580	93	27084	19.946	ug/l	98
41) Bromodichloromethane	7.824	83	47154	19.384	ug/l	95
42) Vinyl Acetate	3.721	43	528656	102.184	ug/l	100

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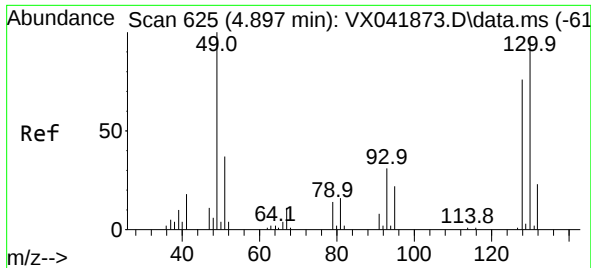
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	58534	20.198	ug/l	100
44) Isopropyl Acetate	6.348	43	87264	20.104	ug/l	99
45) 1,4-Dioxane	7.665	88	21261m	401.835	ug/l	
46) Methyl methacrylate	7.696	41	42149	19.860	ug/l	94
47) n-amyl Acetate	10.842	43	75492	19.379	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	49050	19.583	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	55010	19.580	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	38205	19.350	ug/l	97
51) Ethyl methacrylate	9.116	69	61473	19.599	ug/l	98
52) 1,3-Dichloropropane	9.311	76	64431	19.961	ug/l	98
53) Dibromochloromethane	9.519	129	41483	19.199	ug/l	100
54) 1,2-Dibromoethane	9.610	107	41288	19.830	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	137023	93.857	ug/l	99
56) Bromoform	10.799	173	33079	18.775	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	306640	102.823	ug/l	100
59) 2-Hexanone	9.433	43	241823	105.059	ug/l	100
61) Tetrachloroethene	9.275	164	42365	20.230	ug/l	97
62) Toluene	8.720	91	167222	19.856	ug/l	100
64) Chlorobenzene	10.079	112	113247	19.747	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.165	131	38947	19.664	ug/l	99
66) Ethyl Benzene	10.195	91	181209	19.681	ug/l	100
67) m/p-Xylenes	10.299	106	146941	39.676	ug/l	100
68) o-Xylene	10.640	106	72545	19.647	ug/l	99
69) Styrene	10.653	104	122810	19.904	ug/l	100
70) Isopropylbenzene	10.963	105	185036	19.931	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	63380	19.726	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	51055m	19.618	ug/l	
73) Bromobenzene	11.201	156	52869	19.523	ug/l	99
74) n-propylbenzene	11.305	91	203697	19.973	ug/l	99
75) 2-Chlorotoluene	11.366	91	127975	19.761	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	154206	19.826	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	18060	18.759	ug/l	96
78) 4-Chlorotoluene	11.457	91	140975	19.596	ug/l	100
79) tert-butylbenzene	11.713	119	162518	19.685	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	154411	19.872	ug/l	99
81) sec-Butylbenzene	11.890	105	191437	19.880	ug/l	100
82) p-Isopropyltoluene	12.006	119	168095	19.920	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	94645	19.602	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	92893	19.328	ug/l	100
85) n-Butylbenzene	12.335	91	126000	19.310	ug/l	99
86) Hexachloroethane	12.536	117	26430	19.179	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	94667	19.386	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	12545	18.876	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	62011	18.760	ug/l	98
90) Hexachlorobutadiene	13.725	225	31486	19.330	ug/l	100
91) Naphthalene	13.774	128	191383	19.162	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	64975	18.980	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



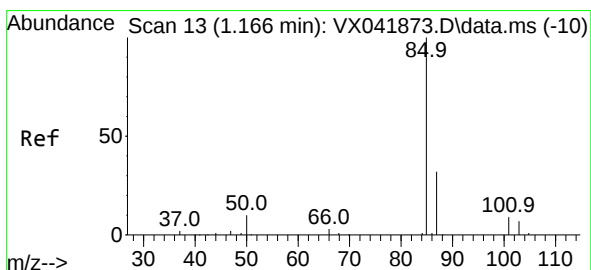
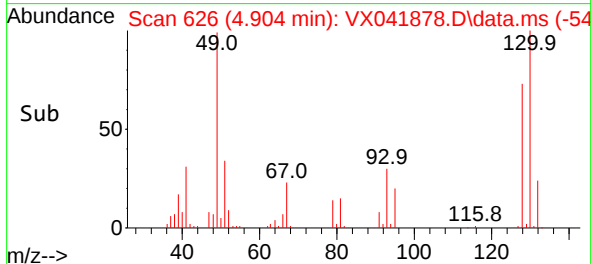
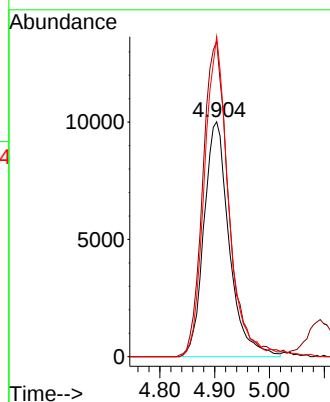
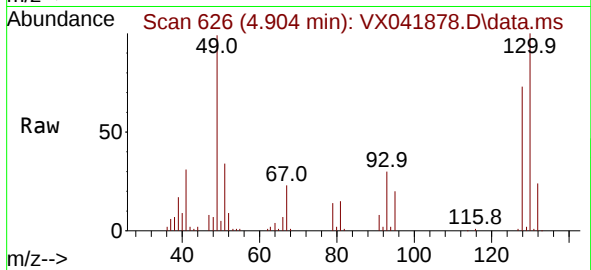
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424

Tgt Ion:128 Resp: 3205
Ion Ratio Lower Upper
128 100
49 135.0 0.0 338.5
130 128.9 0.0 324.5

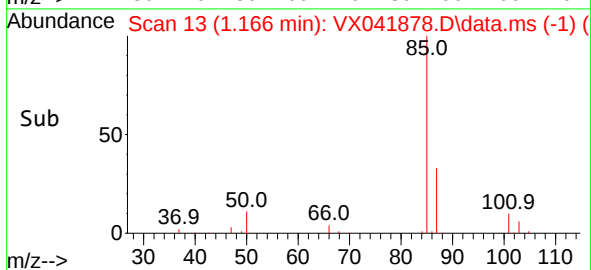
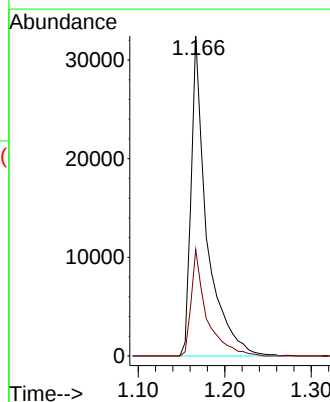
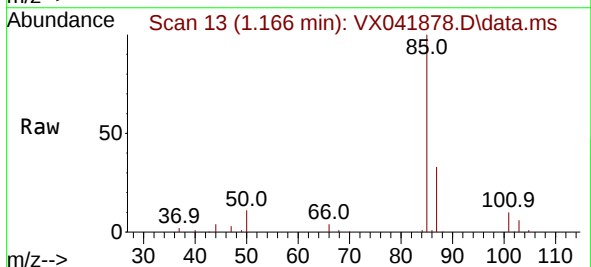
Manual Integrations
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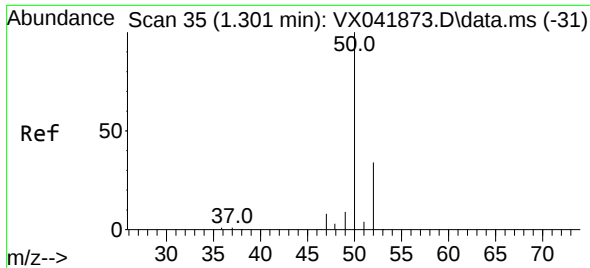
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#2
Dichlorodifluoromethane
Concen: 19.635 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

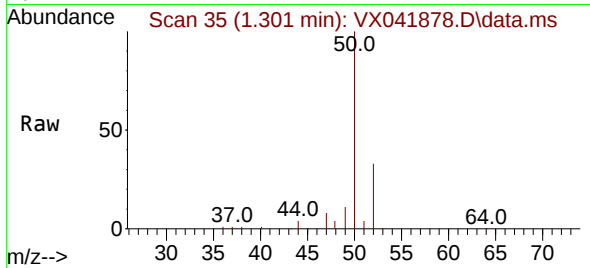
Tgt Ion: 85 Resp: 40745
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.3





#3
Chloromethane
Concen: 19.598 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

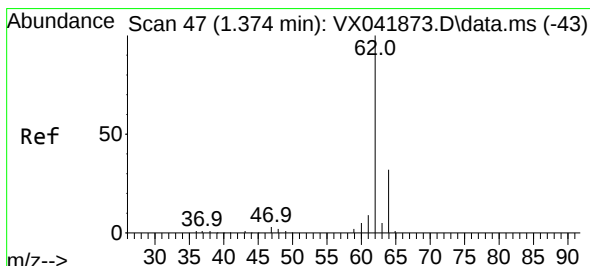
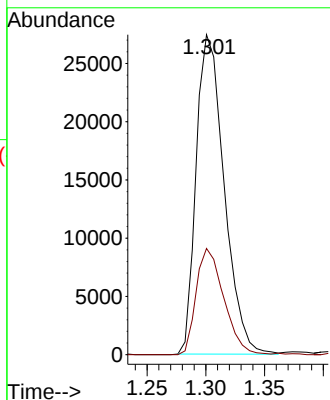
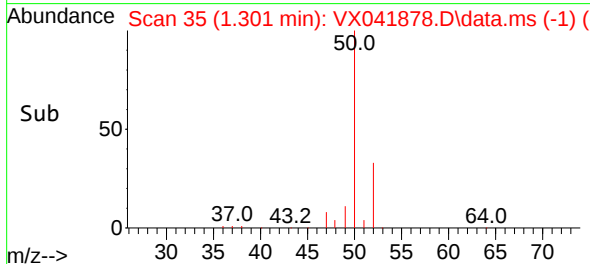
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424



Tgt Ion: 50 Resp: 4546
Ion Ratio Lower Upper
50 100
52 33.3 26.9 40.3

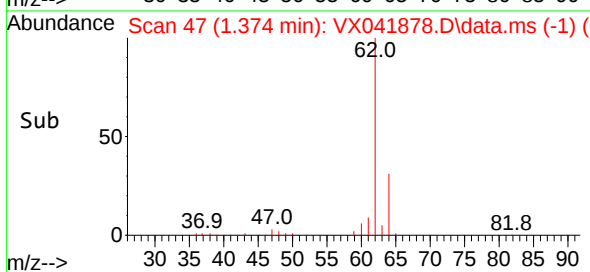
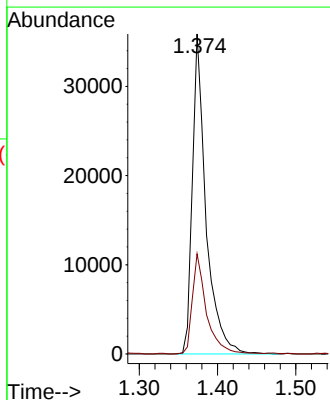
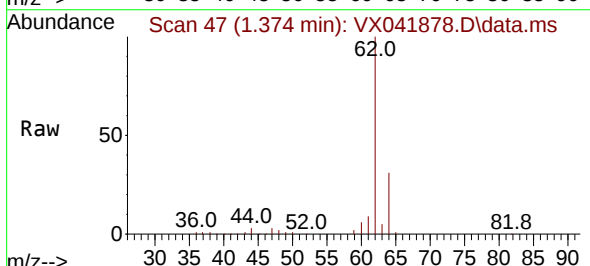
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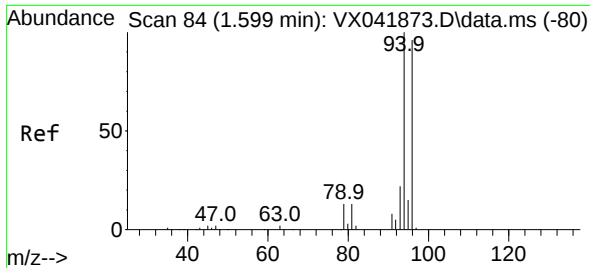
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#4
Vinyl Chloride
Concen: 19.142 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Tgt Ion: 62 Resp: 43424
Ion Ratio Lower Upper
62 100
64 31.2 26.1 39.1





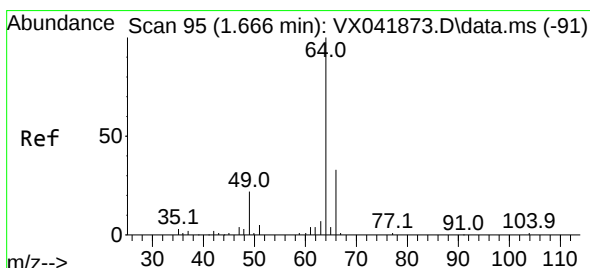
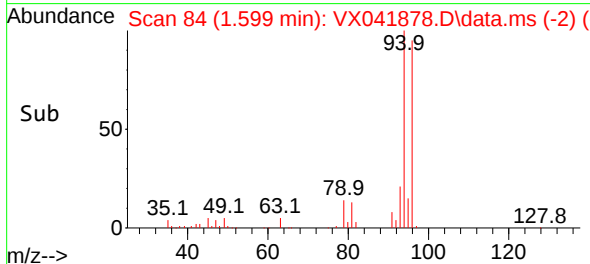
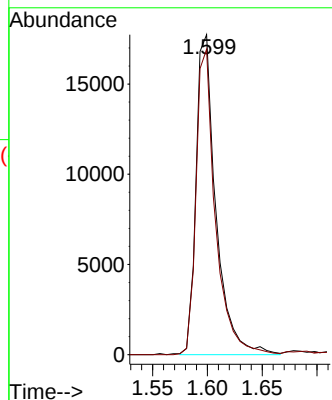
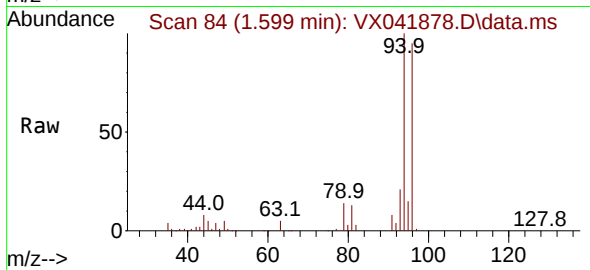
#5
Bromomethane
Concen: 18.464 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424

Tgt Ion: 94 Resp: 22390
Ion Ratio Lower Upper
94 100
96 95.4 76.6 115.0

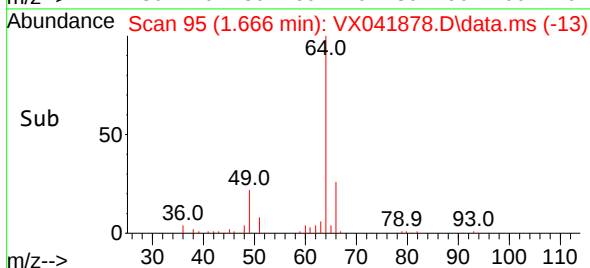
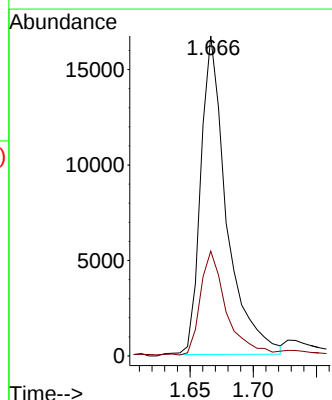
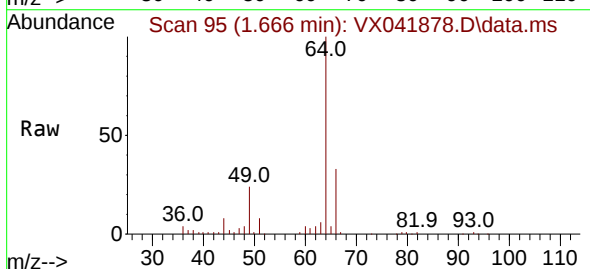
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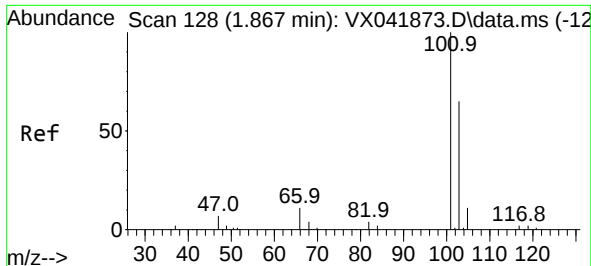
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#6
Chloroethane
Concen: 24.423 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Tgt Ion: 64 Resp: 23670
Ion Ratio Lower Upper
64 100
66 32.8 26.4 39.6





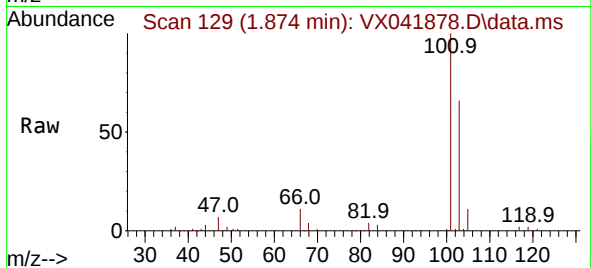
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Trichlorofluoromethane
Concen: 20.112 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.006 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061424



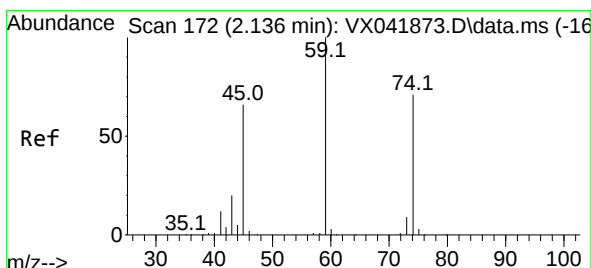
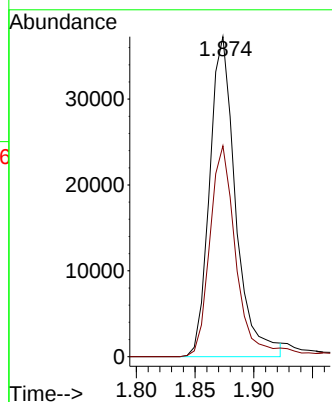
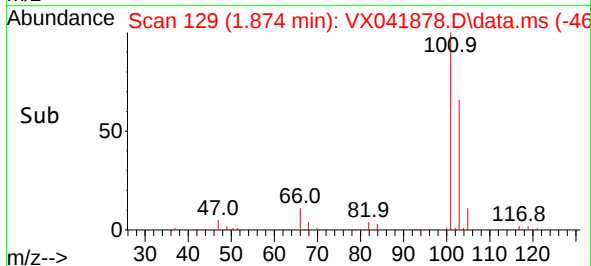
Tgt Ion:101 Resp: 57458
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.8

Manual Integrations

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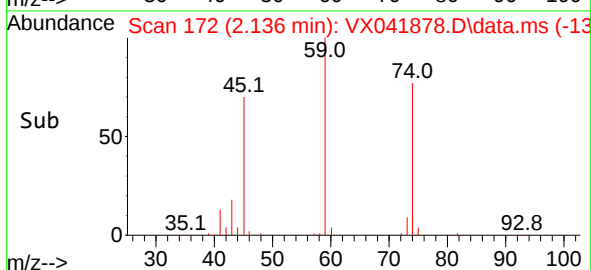
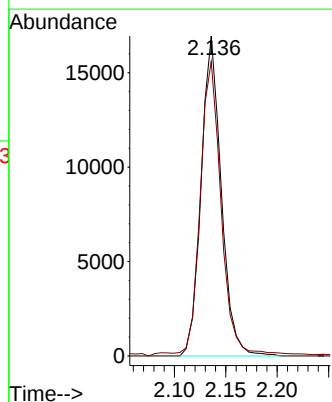
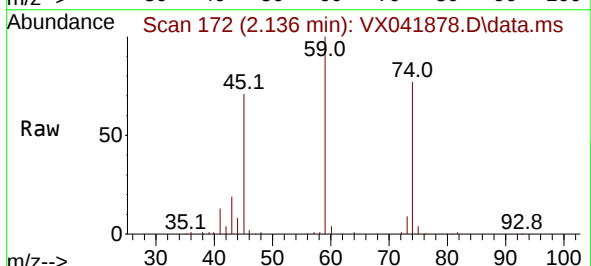
Reviewed By :John Carlone 06/17/2024

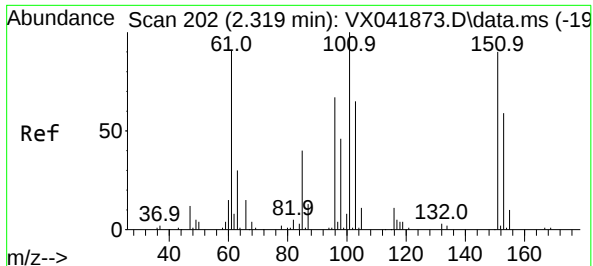
Supervised By :Mahesh Dadoda 06/17/2024



#8
Diethyl Ether
Concen: 18.664 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Tgt Ion: 74 Resp: 23076
Ion Ratio Lower Upper
74 100
45 91.6 18.7 168.7





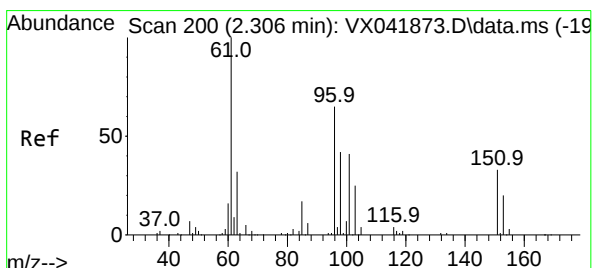
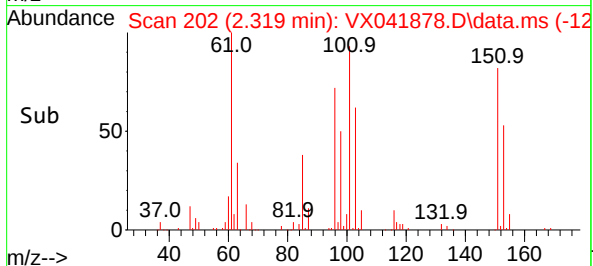
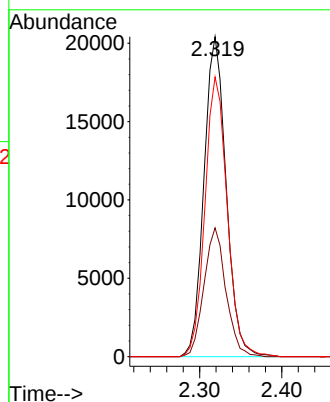
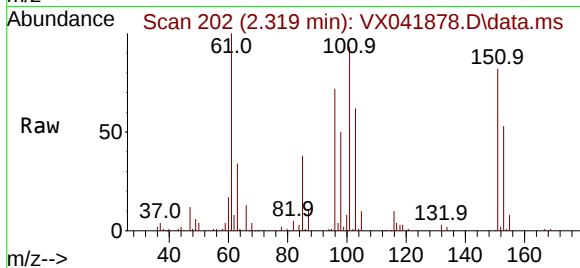
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1,1,2-Trichlorotrifluoroethane
Concen: 19.702 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424

Tgt Ion:101 Resp: 3826
Ion Ratio Lower Upper
101 100
85 39.9 0.0 80.4
151 87.7 0.0 175.2

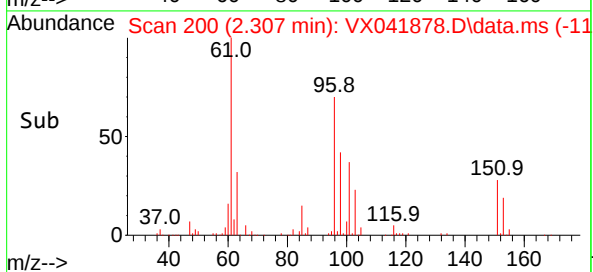
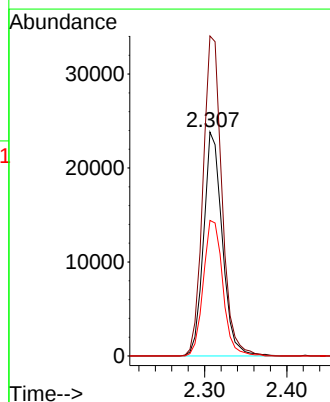
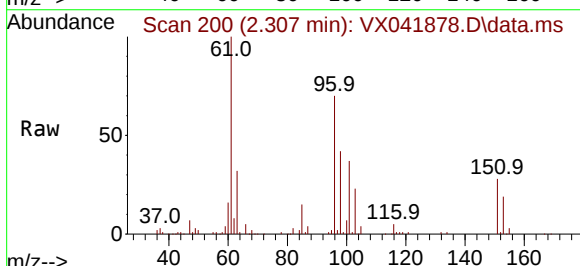
Manual Integrations
APPROVED

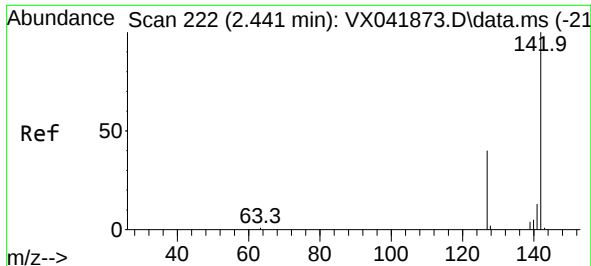
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#10
1,1-Dichloroethene
Concen: 19.187 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Tgt Ion: 96 Resp: 37589
Ion Ratio Lower Upper
96 100
61 142.9 122.3 183.5
98 60.6 51.5 77.3





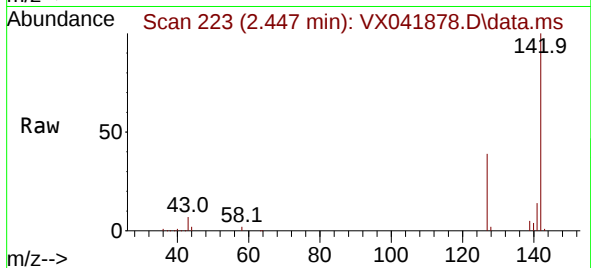
#11
Methyl Iodide
Concen: 18.162 ug/l
RT: 2.447 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061424



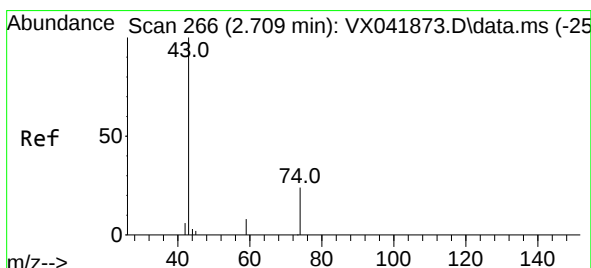
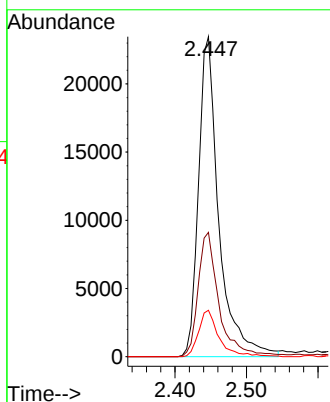
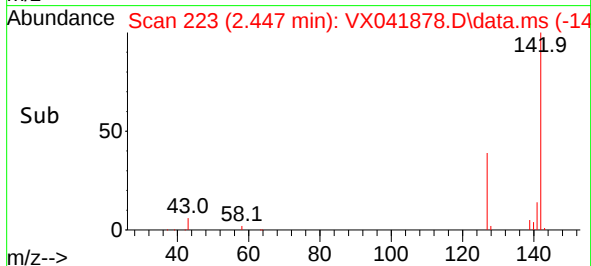
Tgt Ion:142 Resp: 46310
Ion Ratio Lower Upper
142 100
127 38.9 19.8 59.3
141 14.5 6.7 20.1

Manual Integrations

APPROVED

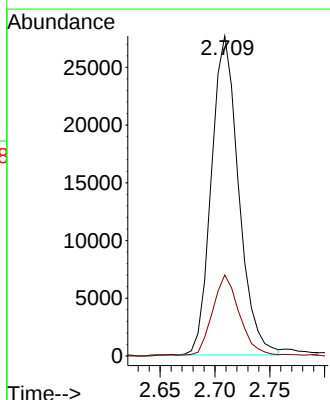
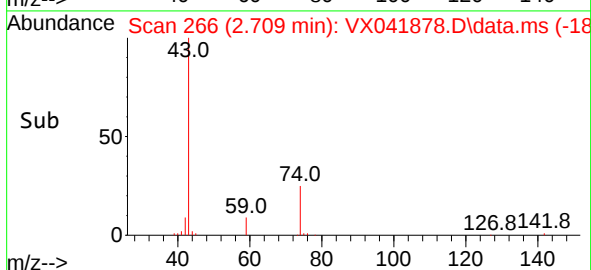
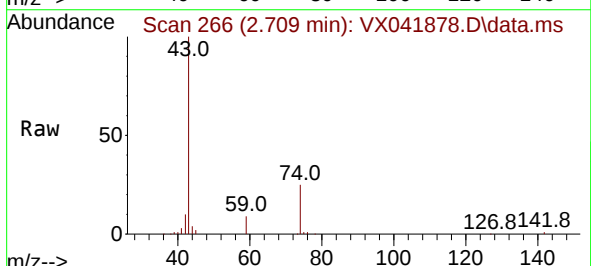
Reviewed By :John Carlone 06/17/2024

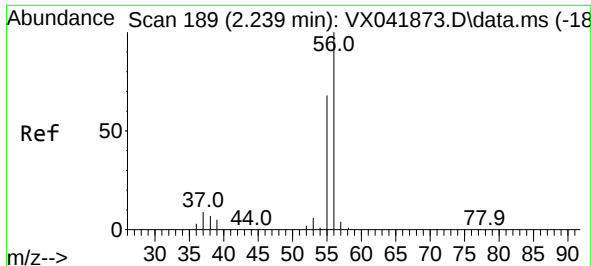
Supervised By :Mahesh Dadoda 06/17/2024



#12
Methyl Acetate
Concen: 19.147 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

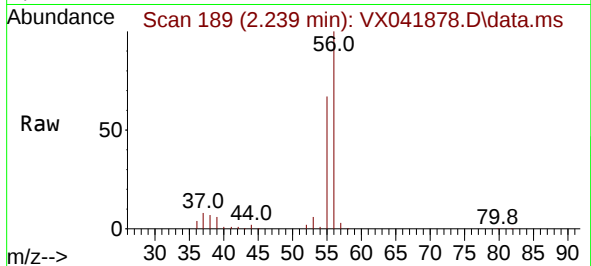
Tgt Ion: 43 Resp: 47826
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.2





#13
Acrolein
Concen: 89.095 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

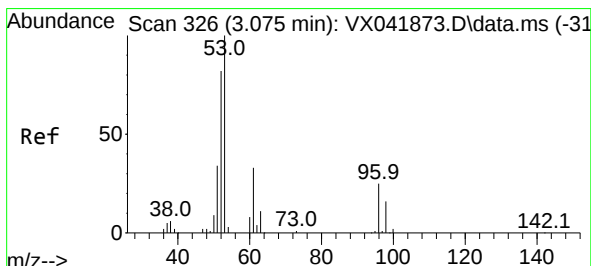
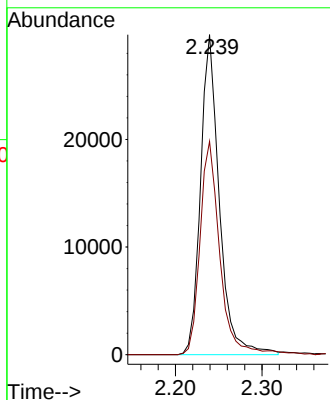
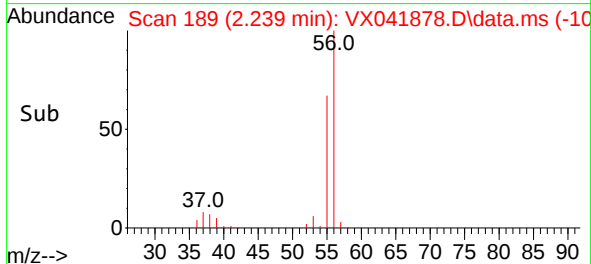
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424



Tgt Ion: 56 Resp: 44872
Ion Ratio Lower Upper
56 100
55 68.7 55.4 83.0

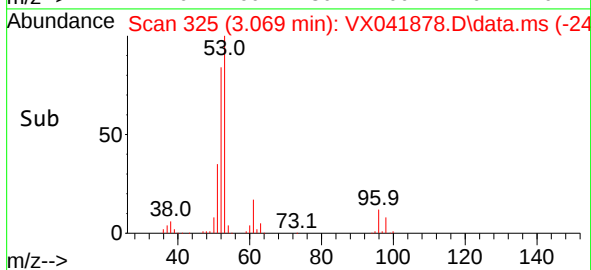
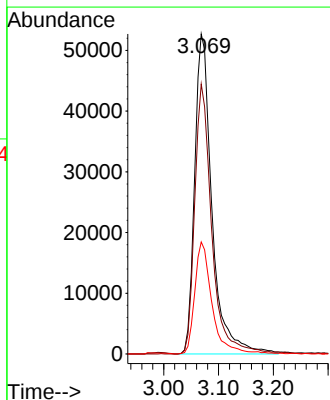
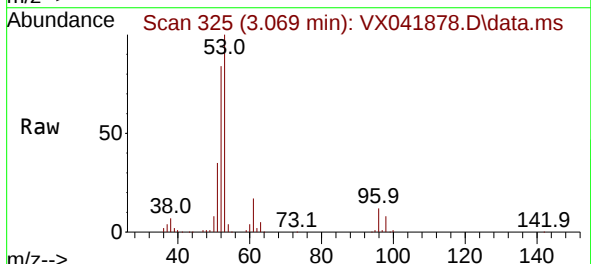
Manual Integrations
APPROVED

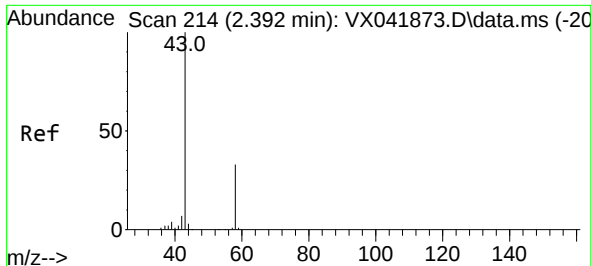
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#14
Acrylonitrile
Concen: 98.037 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

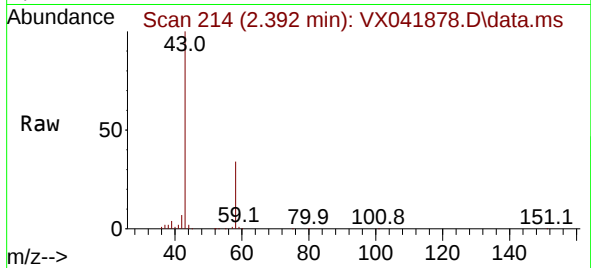
Tgt Ion: 53 Resp: 116226
Ion Ratio Lower Upper
53 100
52 82.7 39.9 119.7
51 34.5 17.4 52.3





#15
Acetone
Concen: 110.639 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

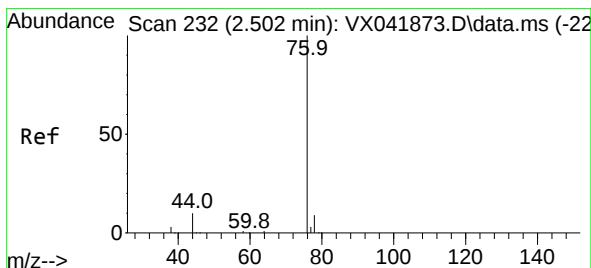
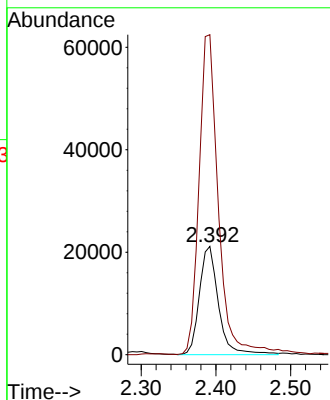
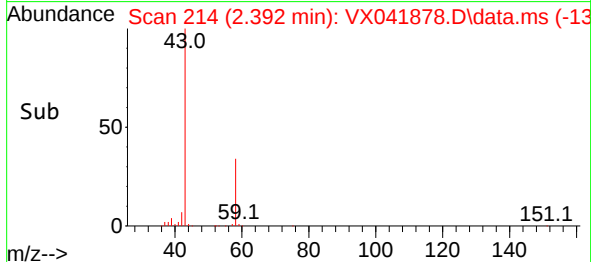
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424



Tgt Ion: 58 Resp: 3752
Ion Ratio Lower Upper
58 100
43 295.1 243.4 365.2

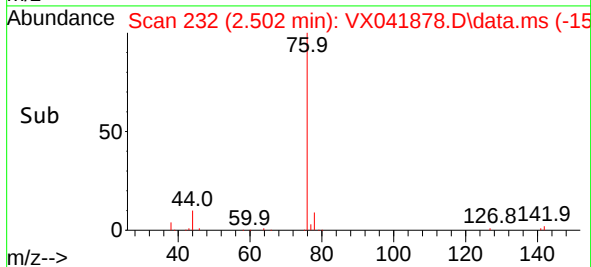
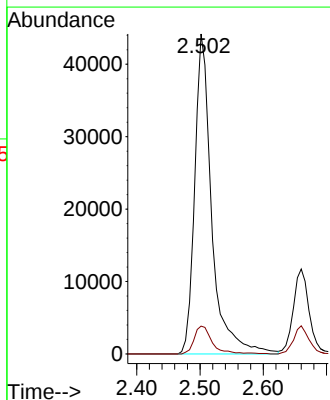
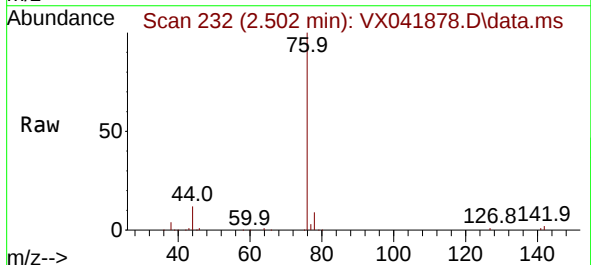
Manual Integrations
APPROVED

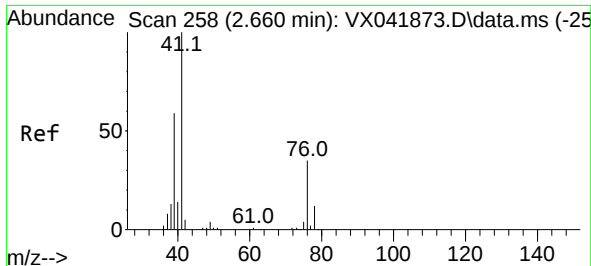
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#16
Carbon Disulfide
Concen: 19.276 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Tgt Ion: 76 Resp: 82760
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9





#17

Allyl chloride

Concen: 20.303 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061424

Tgt Ion: 41 Resp: 60409

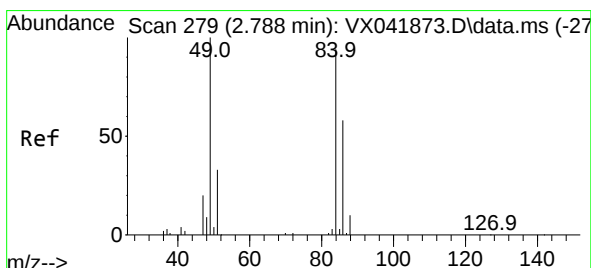
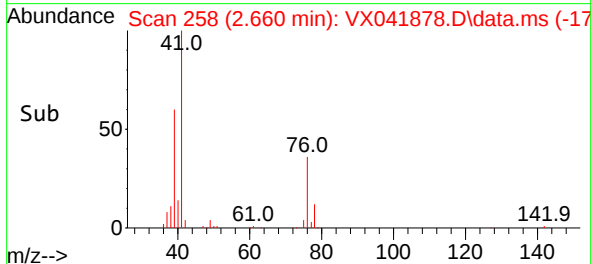
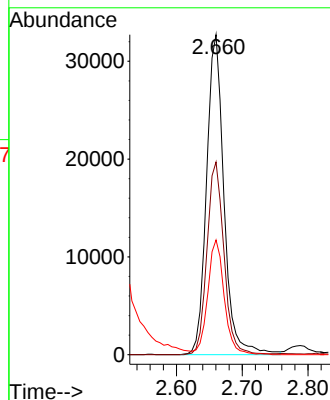
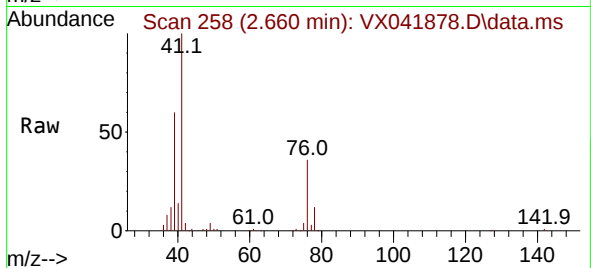
Ion	Ratio	Lower	Upper
41	100		
39	60.2	29.6	88.8
76	35.9	18.1	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#18

Methylene Chloride

Concen: 18.644 ug/l

RT: 2.788 min Scan# 279

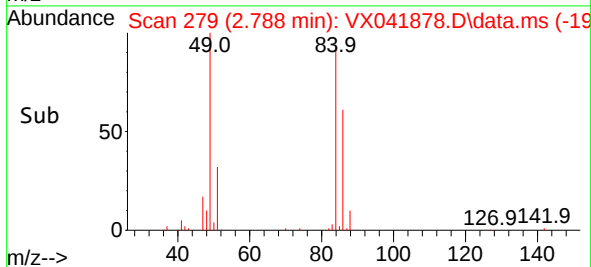
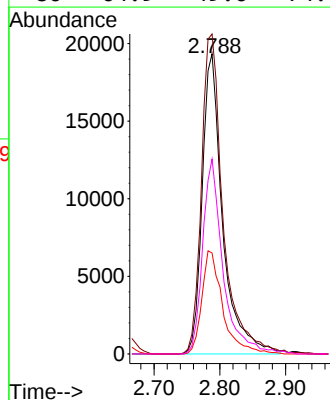
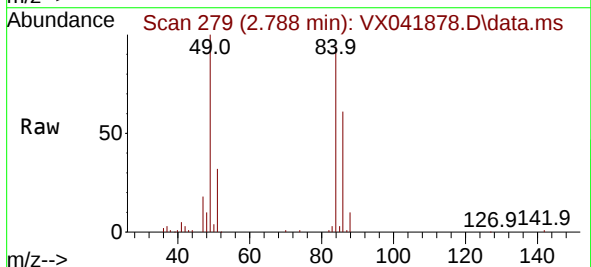
Delta R.T. 0.000 min

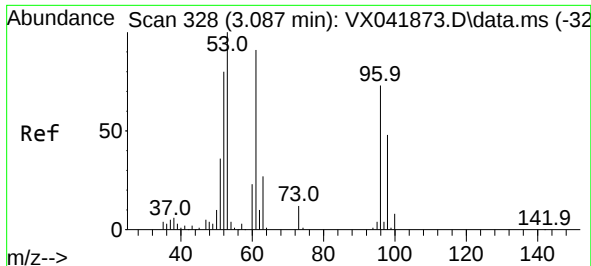
Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

Tgt Ion: 84 Resp: 41897

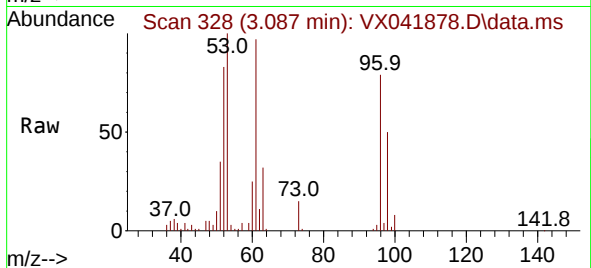
Ion	Ratio	Lower	Upper
84	100		
49	106.6	85.3	127.9
51	33.6	28.5	42.7
86	64.9	49.6	74.4





#19
trans-1,2-Dichloroethene
Concen: 19.190 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

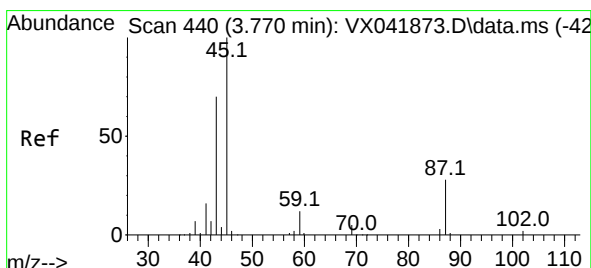
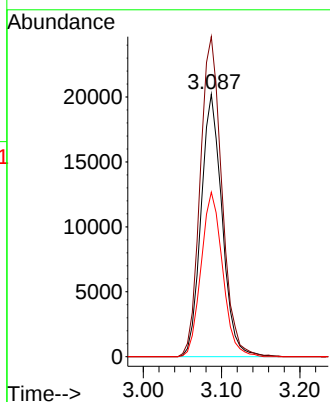
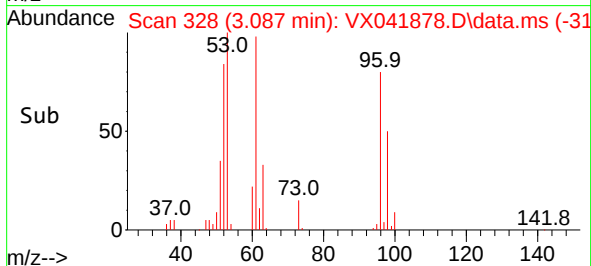
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424



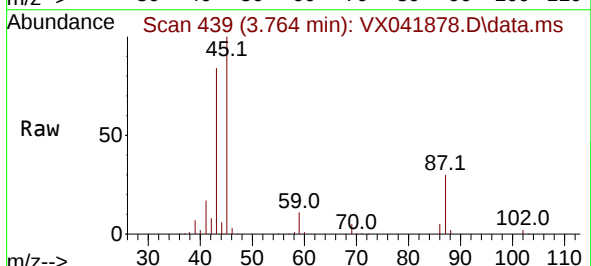
Tgt Ion: 96 Resp: 37662
Ion Ratio Lower Upper
96 100
61 122.0 100.1 150.1
98 62.7 52.1 78.1

Manual Integrations
APPROVED

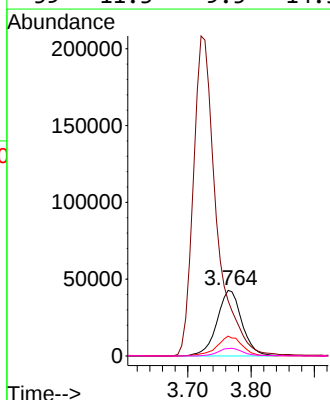
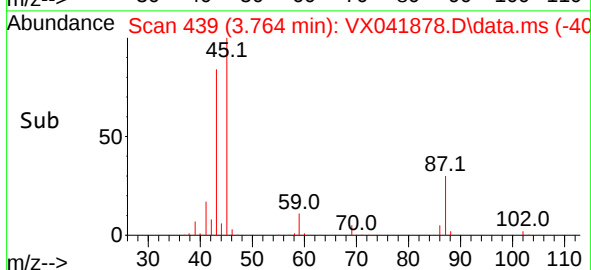
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

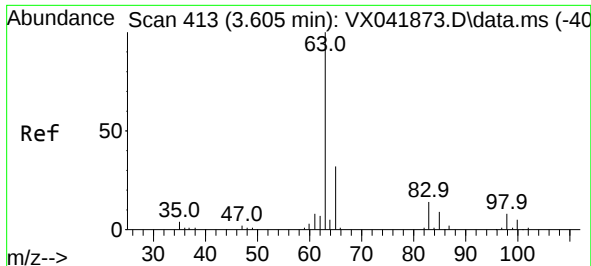


#20
Diisopropyl ether
Concen: 19.120 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16



Tgt Ion: 45 Resp: 116935
Ion Ratio Lower Upper
45 100
43 81.7 55.8 83.8
87 30.2 22.6 34.0
59 11.3 9.5 14.3





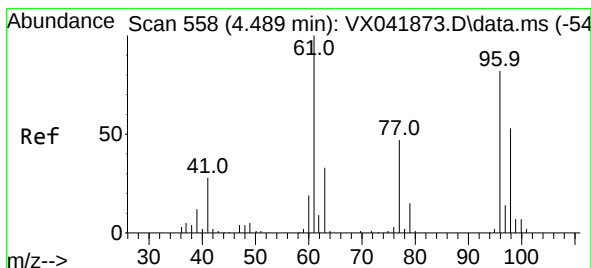
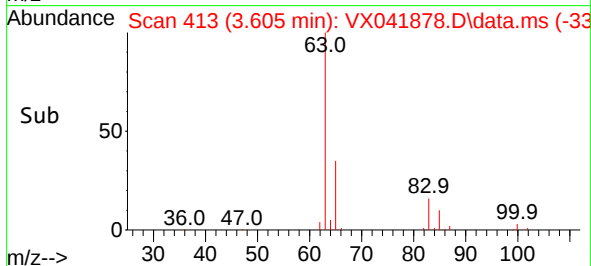
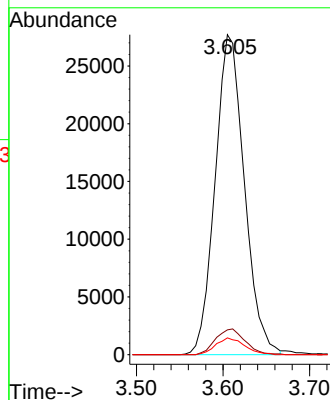
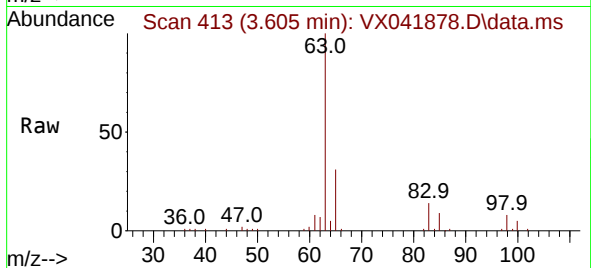
#21
1,1-Dichloroethane
Concen: 18.612 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424

Tgt Ion: 63 Resp: 65019
Ion Ratio Lower Upper
63 100
98 7.7 4.2 12.4
100 5.2 2.5 7.4

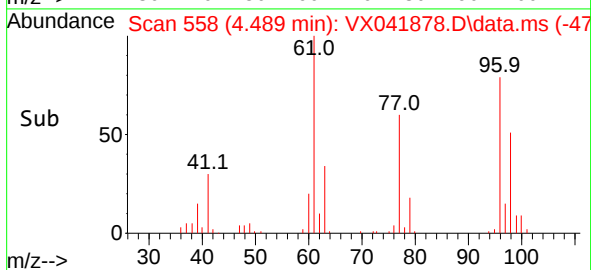
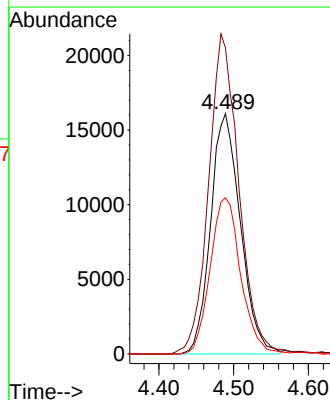
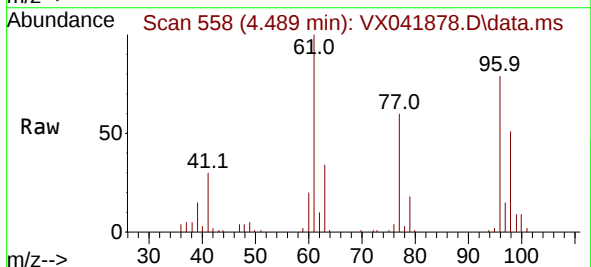
Manual Integrations
APPROVED

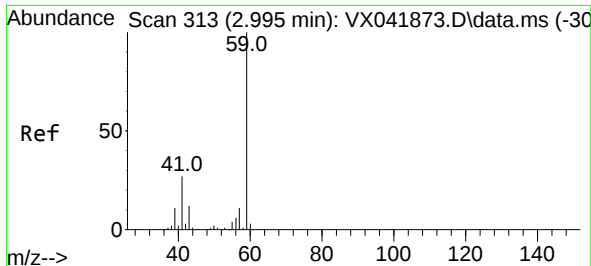
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#22
cis-1,2-Dichloroethene
Concen: 18.808 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Tgt Ion: 96 Resp: 44683
Ion Ratio Lower Upper
96 100
61 134.6 103.3 154.9
98 66.4 52.2 78.2





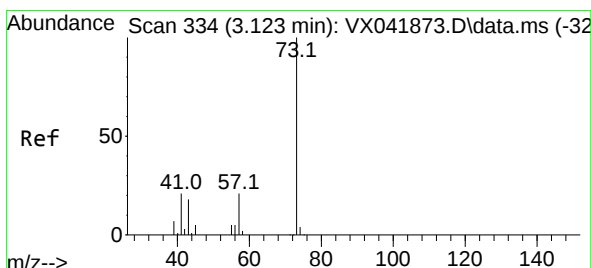
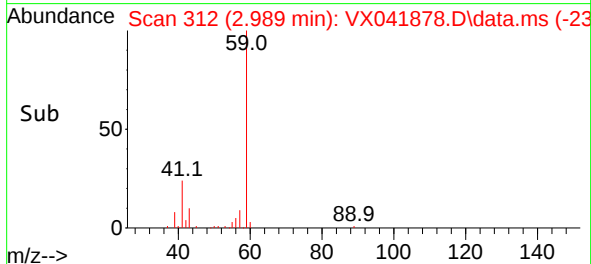
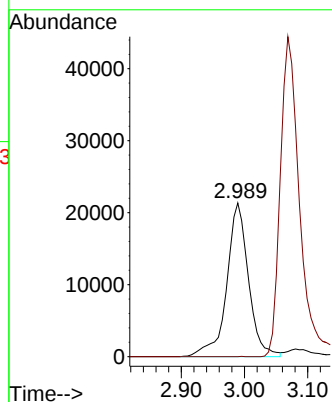
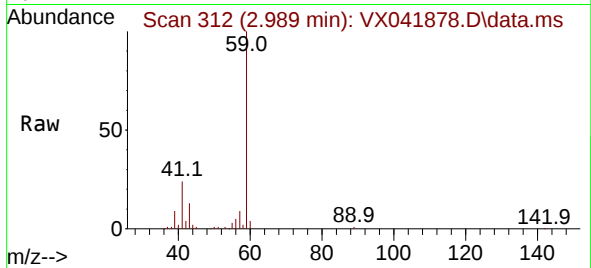
#23
tert-Butyl Alcohol
Concen: 116.035 ug/l
RT: 2.989 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Instrument :
MSVOA_X
ClientSampleId :
ICVX061424

Tgt Ion: 59 Resp: 51144
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

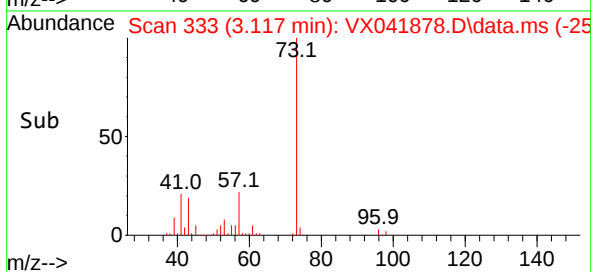
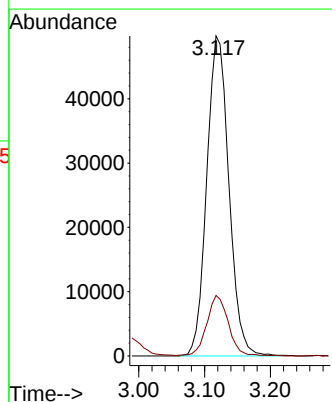
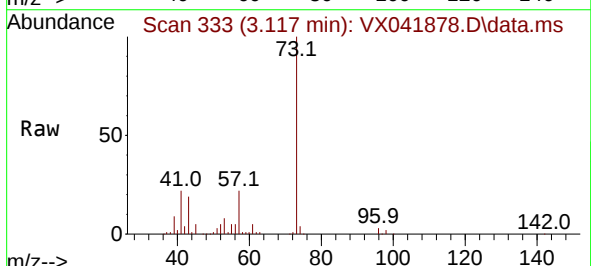
Manual Integrations
APPROVED

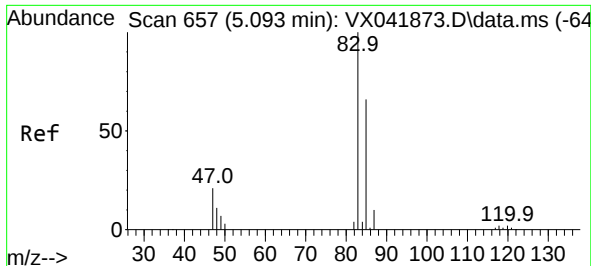
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#24
Methyl tert-Butyl Ether
Concen: 19.249 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Tgt Ion: 73 Resp: 116654
Ion Ratio Lower Upper
73 100
43 17.7 15.1 22.7





#25

Chloroform

Concen: 19.088 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

ICVX061424

Tgt Ion: 83 Resp: 6776

Ion Ratio Lower Upper

83 100

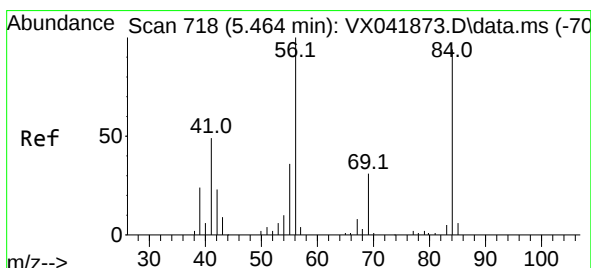
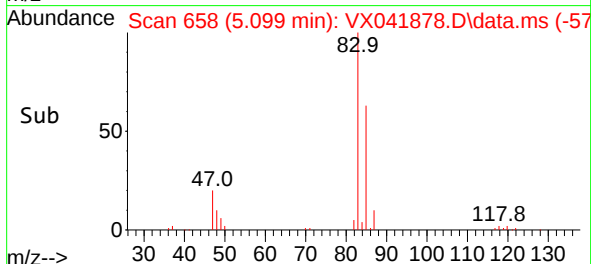
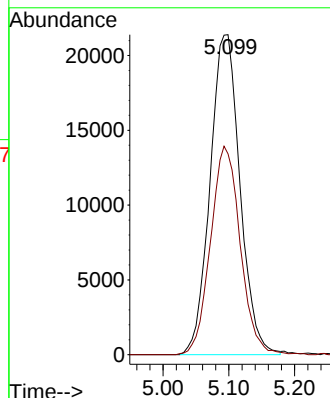
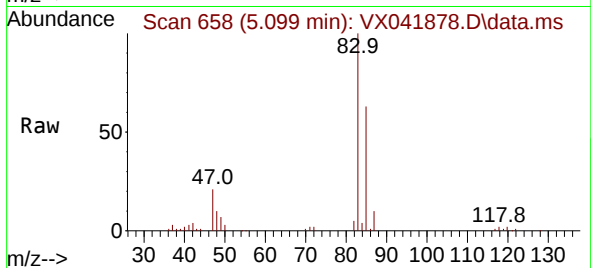
85 62.4 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#26

Cyclohexane

Concen: 19.343 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

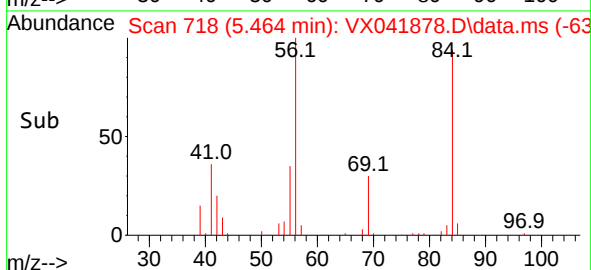
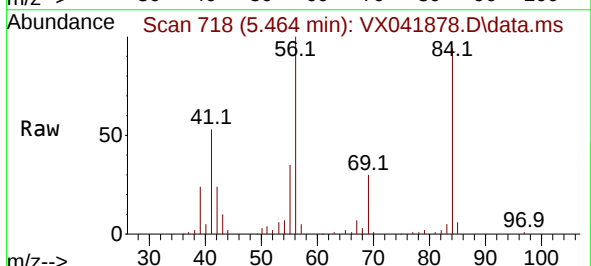
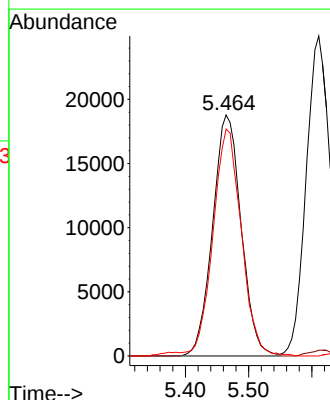
Tgt Ion: 56 Resp: 58691

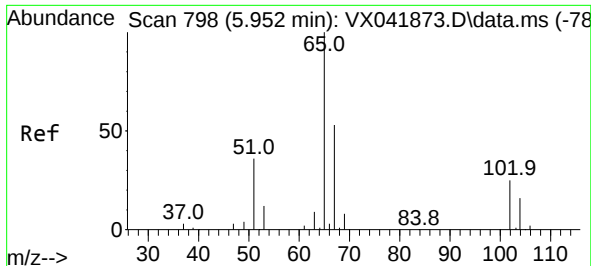
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 93.4 73.1 109.7





#27
1,2-Dichloroethane-d4
Concen: 28.393 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

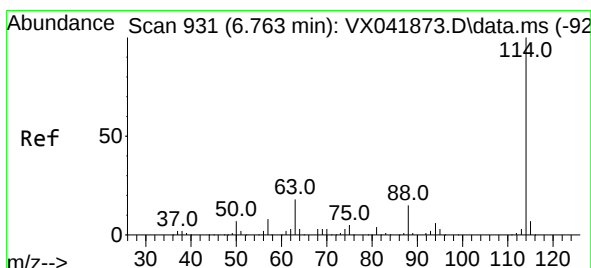
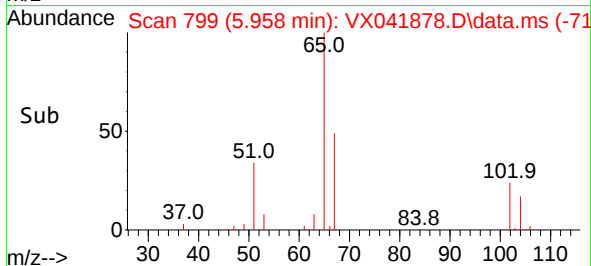
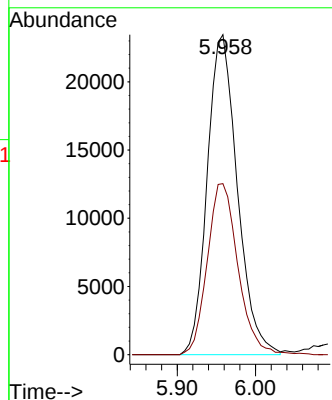
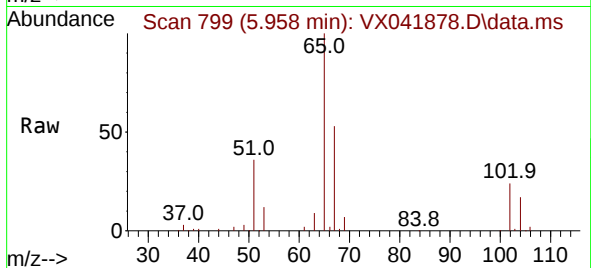
ICVVX061424

Tgt Ion: 65 Resp: 6265
Ion Ratio Lower Upper
65 100
67 54.1 43.4 65.0

Manual Integrations

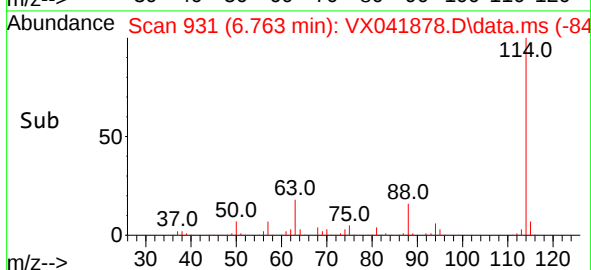
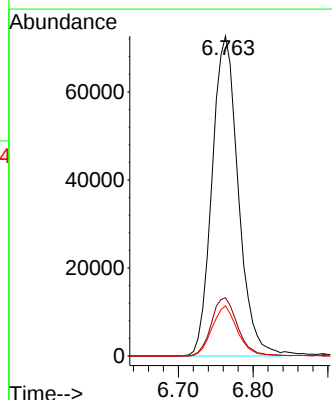
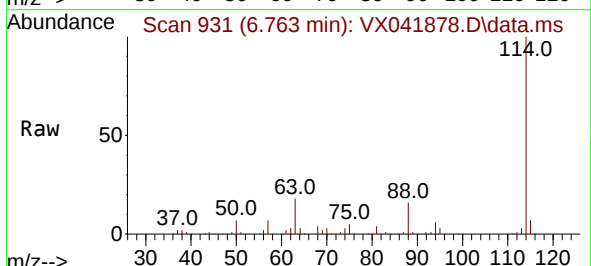
APPROVED

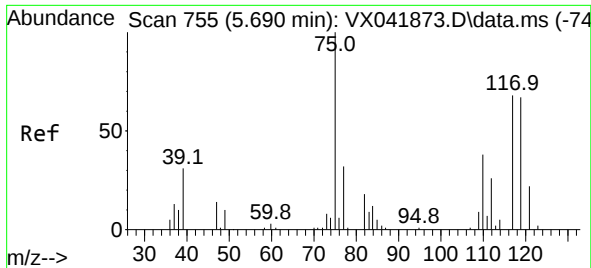
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Tgt Ion:114 Resp: 177234
Ion Ratio Lower Upper
114 100
63 18.3 14.6 21.8
88 15.1 11.8 17.8





#29
1,1-Dichloropropene
Concen: 20.175 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

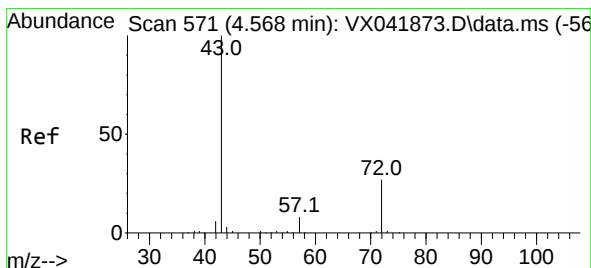
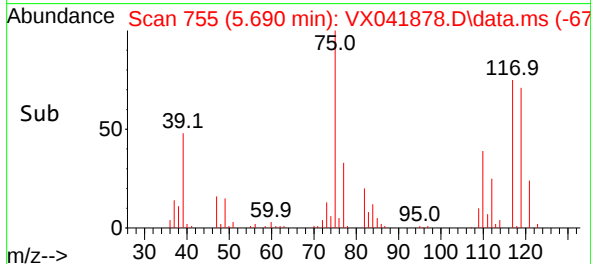
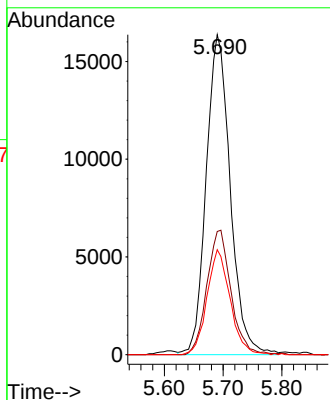
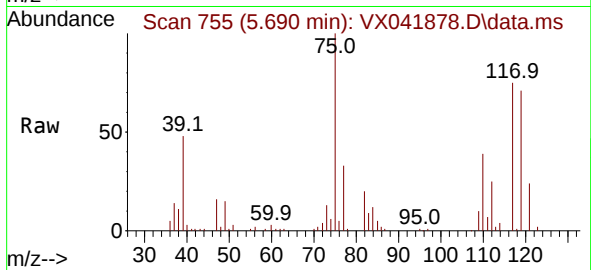
ClientSampleId :

ICVVX061424

Tgt Ion: 75 Resp: 46669
Ion Ratio Lower Upper
75 100
110 38.8 0.0 80.2
77 31.5 0.0 65.2

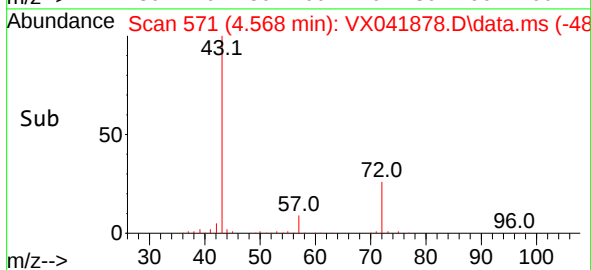
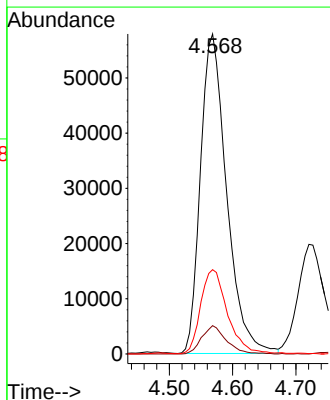
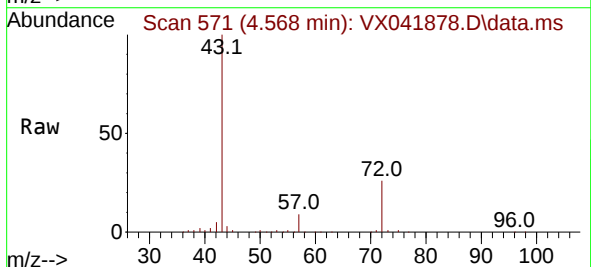
Manual Integrations
APPROVED

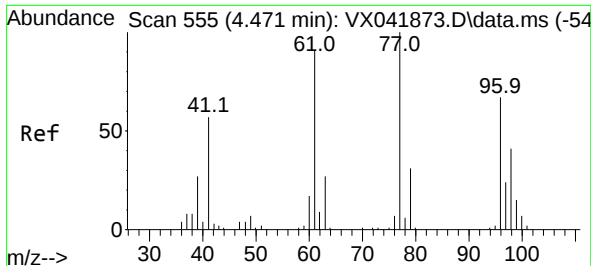
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#30
2-Butanone
Concen: 107.880 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

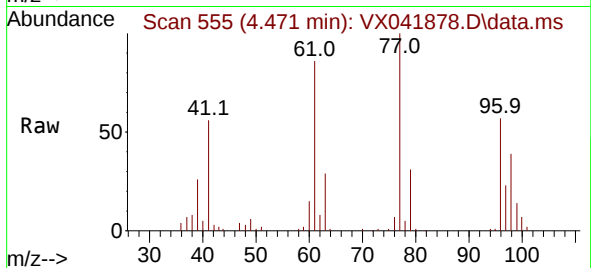
Tgt Ion: 43 Resp: 166742
Ion Ratio Lower Upper
43 100
57 8.3 6.5 9.7
72 26.6 22.0 33.0





#31
2,2-Dichloropropane
Concen: 20.708 ug/l
RT: 4.471 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

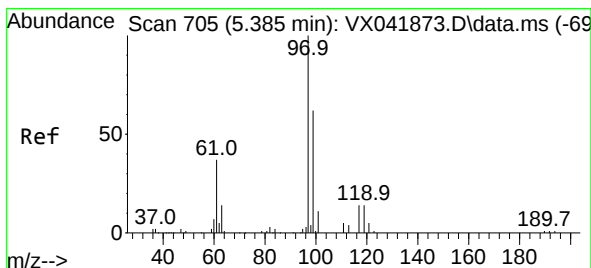
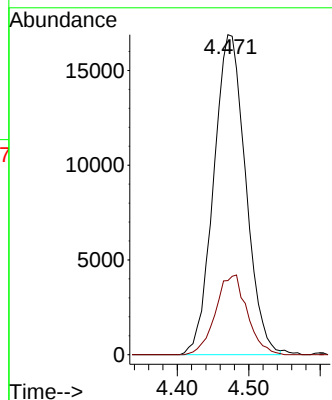
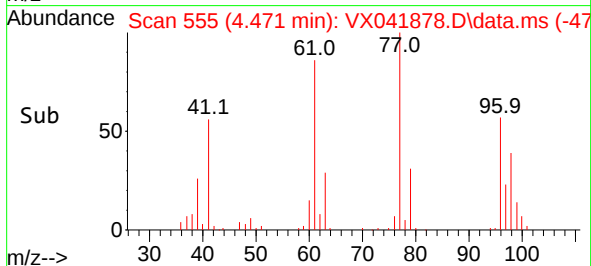
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424



Tgt Ion: 77 Resp: 52488
Ion Ratio Lower Upper
77 100
97 24.6 20.2 30.2

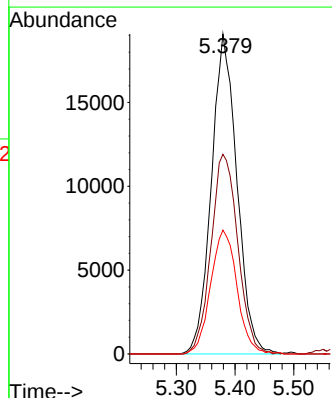
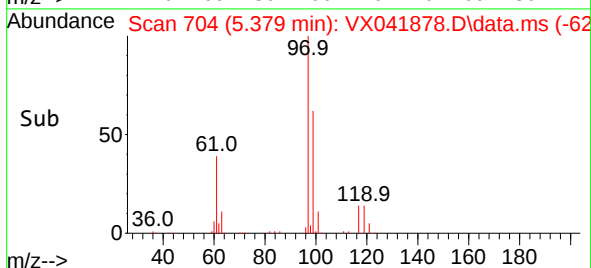
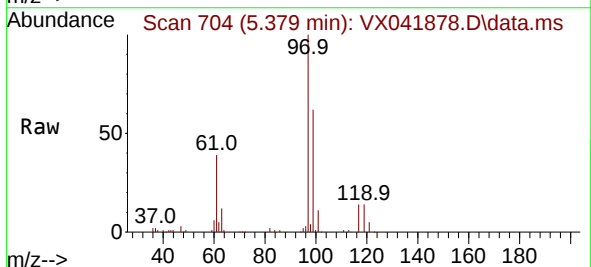
Manual Integrations
APPROVED

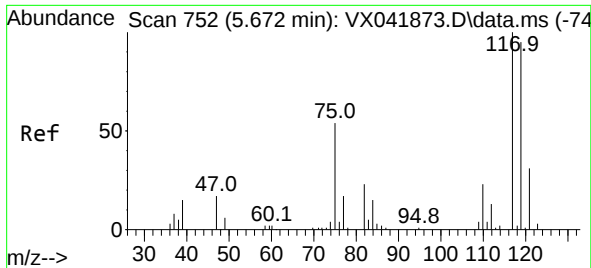
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#32
1,1,1-Trichloroethane
Concen: 19.670 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

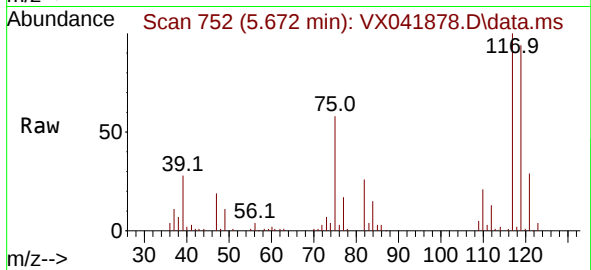
Tgt Ion: 97 Resp: 57676
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 39.9 31.7 47.5





#33
Carbon Tetrachloride
Concen: 19.855 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

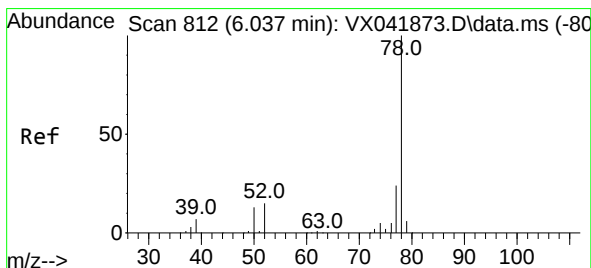
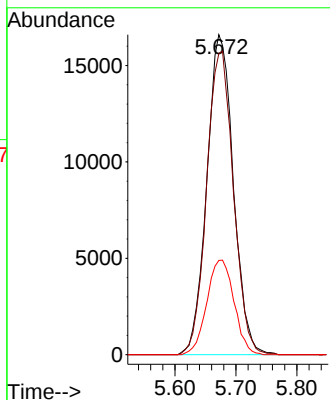
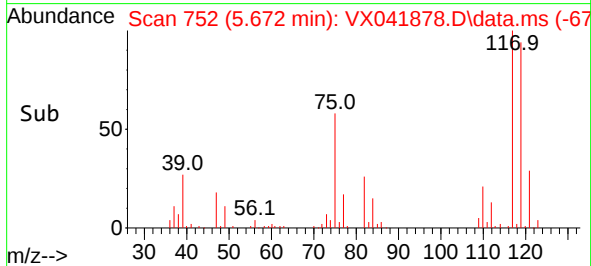
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424



Tgt Ion: 117 Resp: 5021
Ion Ratio Lower Upper
117 100
119 94.1 75.7 113.5
121 29.5 24.9 37.3

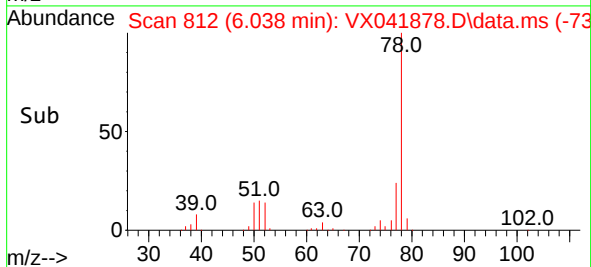
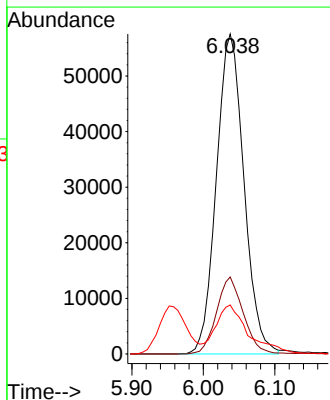
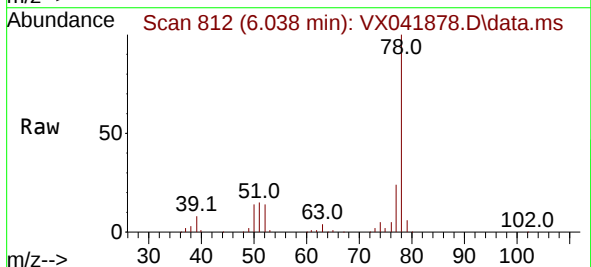
Manual Integrations
APPROVED

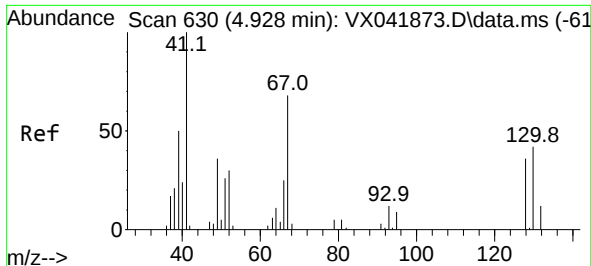
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#34
Benzene
Concen: 19.977 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Tgt Ion: 78 Resp: 153938
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3
51 13.1 11.8 17.8





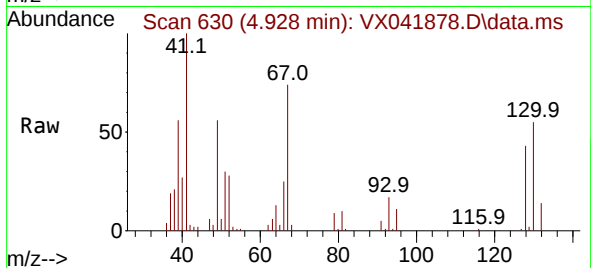
#35
Methacrylonitrile
Concen: 19.907 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061424



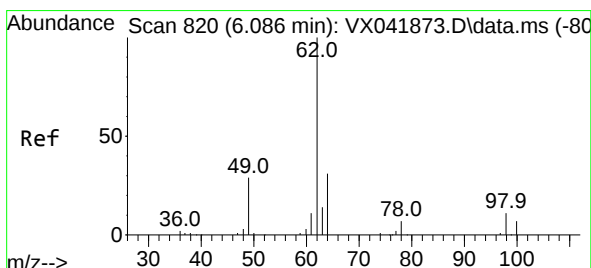
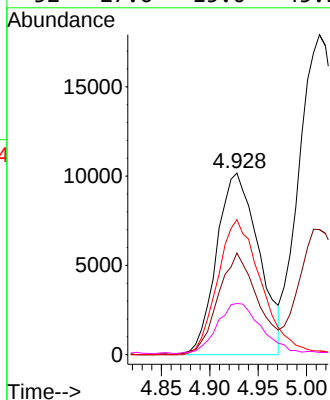
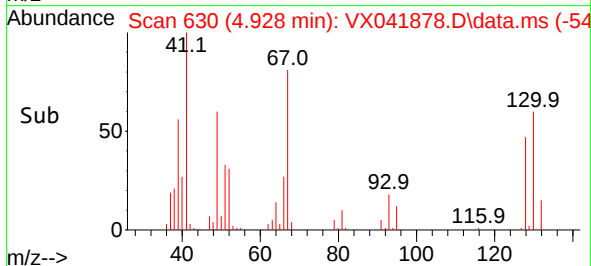
Tgt Ion: 41 Resp: 3090
Ion Ratio Lower Upper
41 100
39 55.2 25.2 75.6
67 74.4 34.2 102.5
52 27.6 15.0 45.1

Manual Integrations

APPROVED

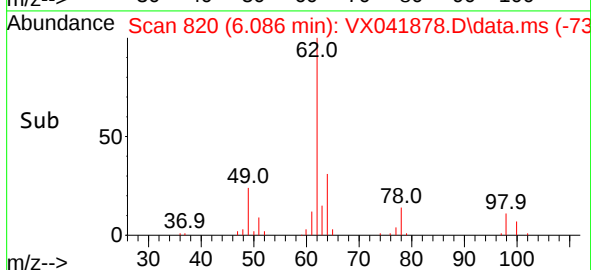
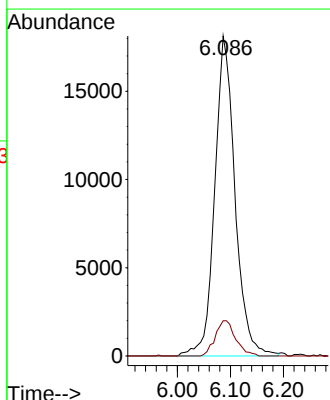
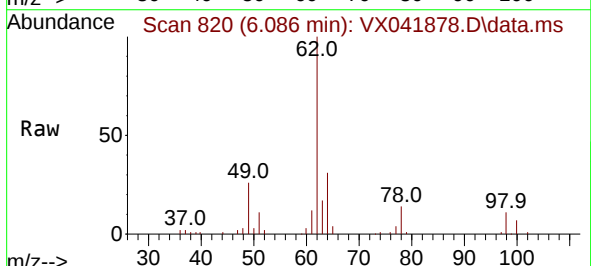
Reviewed By :John Carlone 06/17/2024

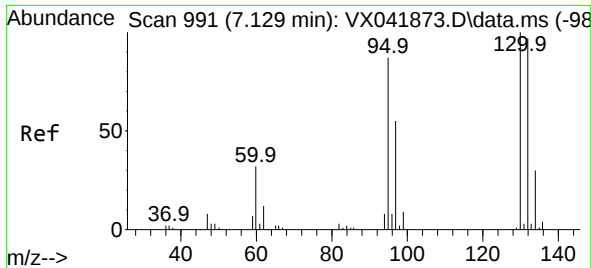
Supervised By :Mahesh Dadoda 06/17/2024



#36
1,2-Dichloroethane
Concen: 20.079 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Tgt Ion: 62 Resp: 48202
Ion Ratio Lower Upper
62 100
98 11.1 9.1 13.7





#37
Trichloroethene
Concen: 19.878 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

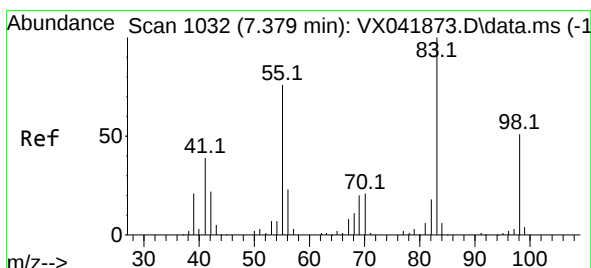
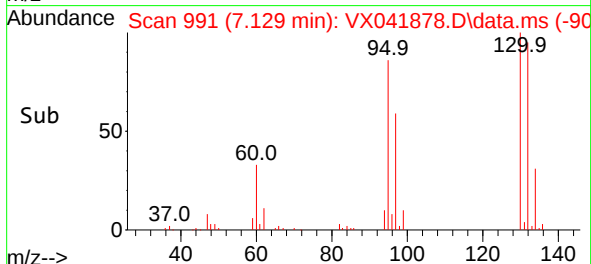
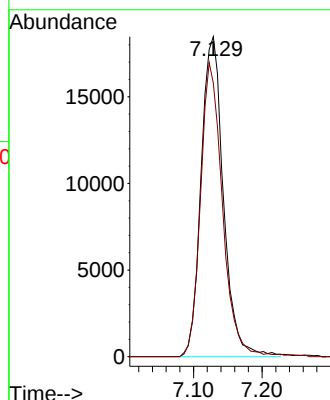
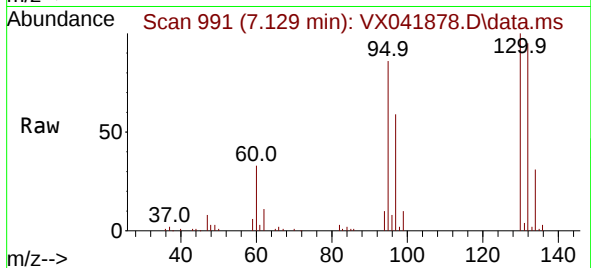
ClientSampleId :

ICVVX061424

Tgt Ion:130 Resp: 41840
Ion Ratio Lower Upper
130 100
95 85.5 69.4 104.0

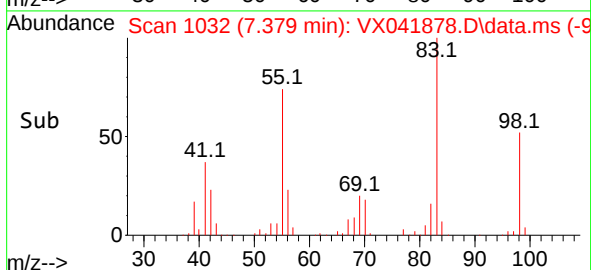
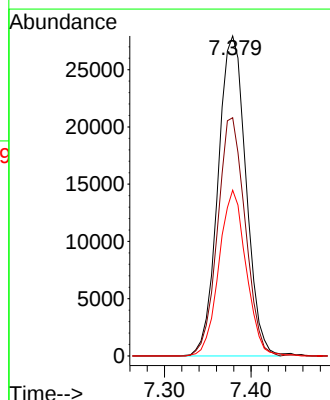
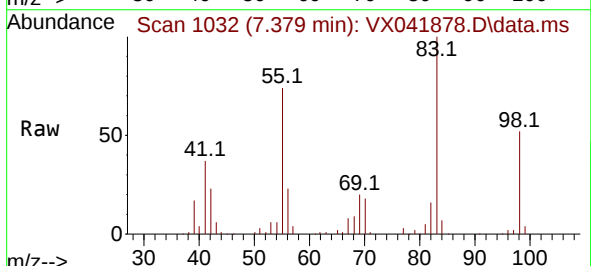
Manual Integrations
APPROVED

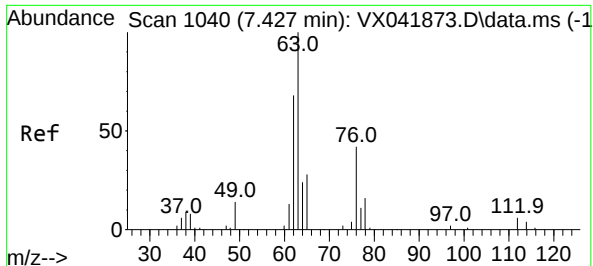
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#38
Methylcyclohexane
Concen: 20.457 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Tgt Ion: 83 Resp: 62681
Ion Ratio Lower Upper
83 100
55 73.4 37.3 111.9
98 50.3 24.8 74.4





#39

1,2-Dichloropropane

Concen: 19.483 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061424

Tgt Ion: 63 Resp: 3576

Ion Ratio Lower Upper

63 100

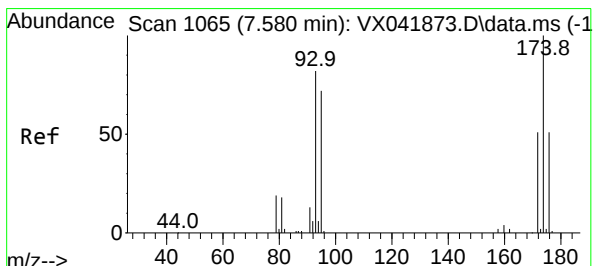
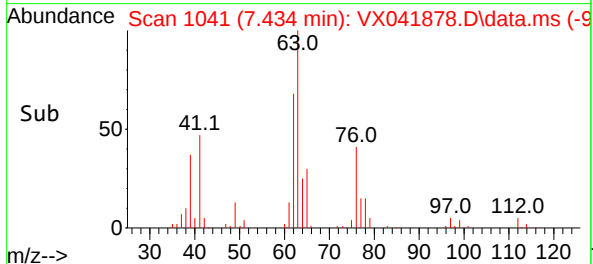
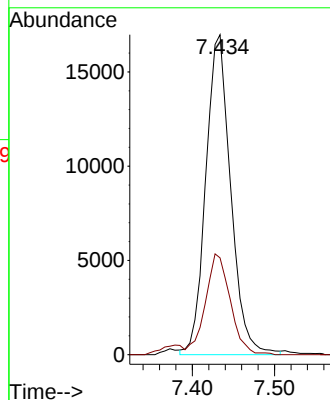
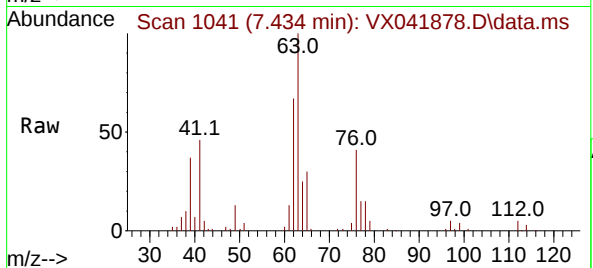
65 30.6 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#40

Dibromomethane

Concen: 19.946 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

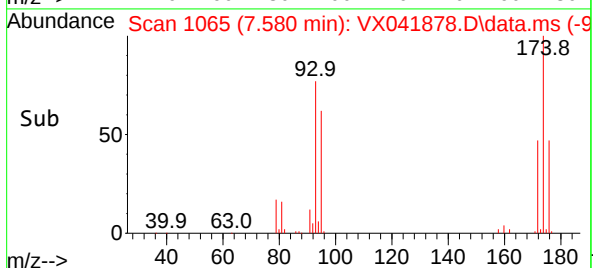
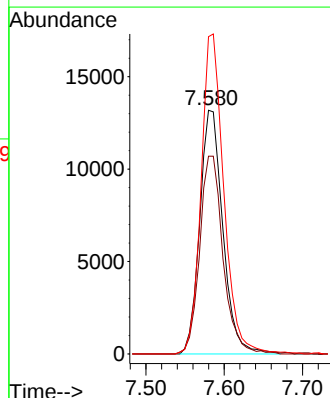
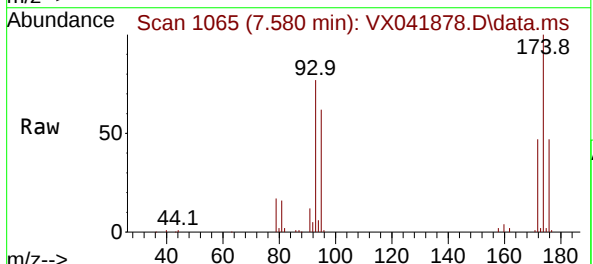
Tgt Ion: 93 Resp: 27084

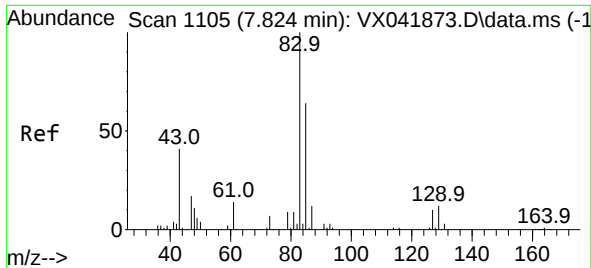
Ion Ratio Lower Upper

93 100

95 81.8 0.0 168.6

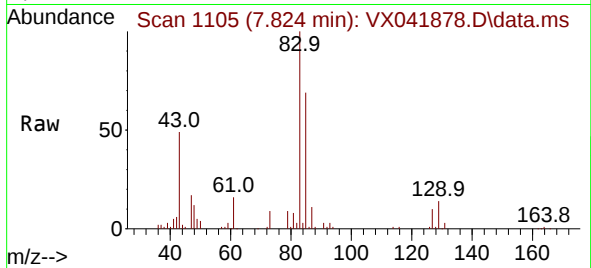
174 128.8 0.0 255.0





#41
Bromodichloromethane
Concen: 19.384 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

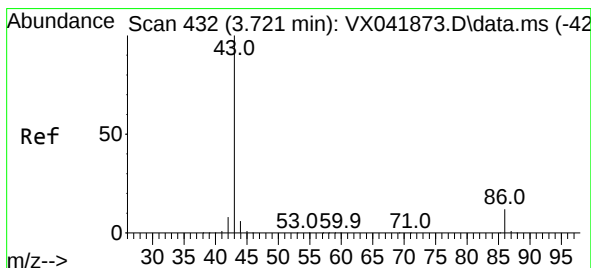
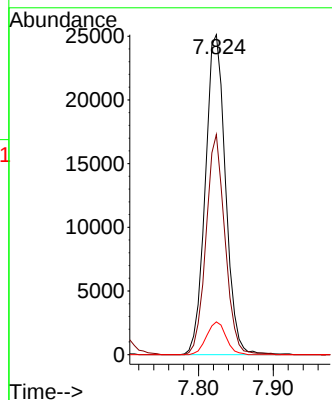
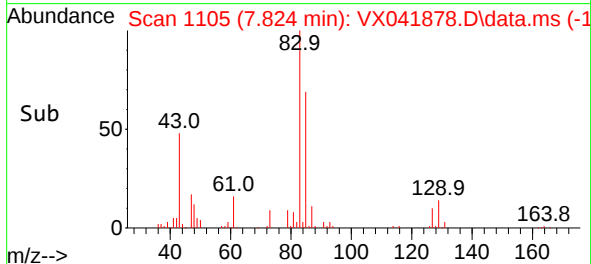
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424



Tgt Ion: 83 Resp: 47154
Ion Ratio Lower Upper
83 100
85 68.8 51.1 76.7
127 10.3 8.1 12.1

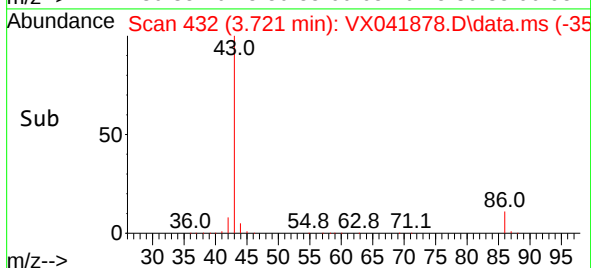
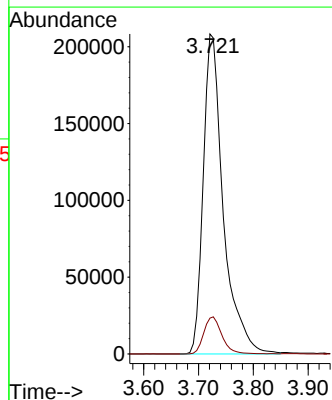
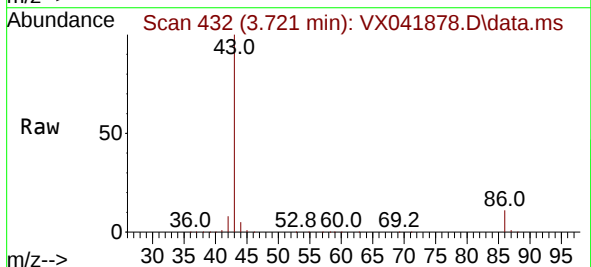
Manual Integrations
APPROVED

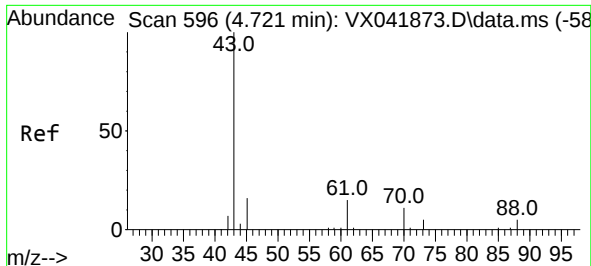
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#42
Vinyl Acetate
Concen: 102.184 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

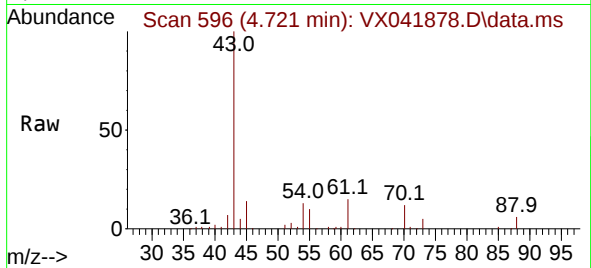
Tgt Ion: 43 Resp: 528656
Ion Ratio Lower Upper
43 100
86 10.5 8.5 12.7





#43
Ethyl Acetate
Concen: 20.198 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

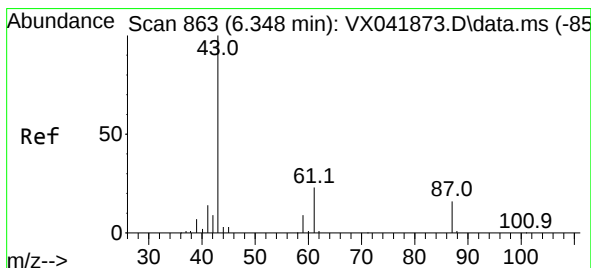
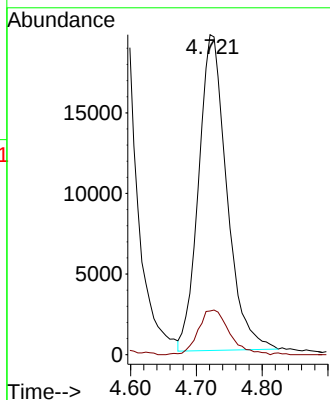
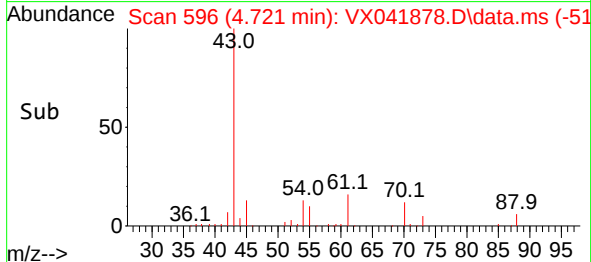
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424



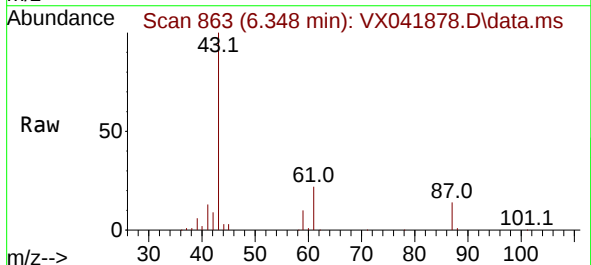
Tgt Ion: 43 Resp: 58534
Ion Ratio Lower Upper
43 100
45 15.5 12.4 18.6

Manual Integrations
APPROVED

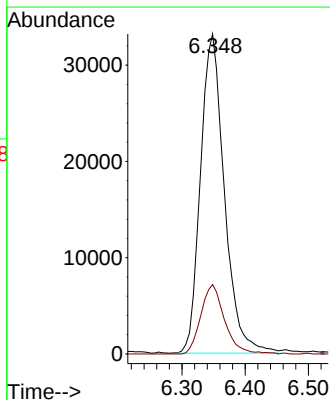
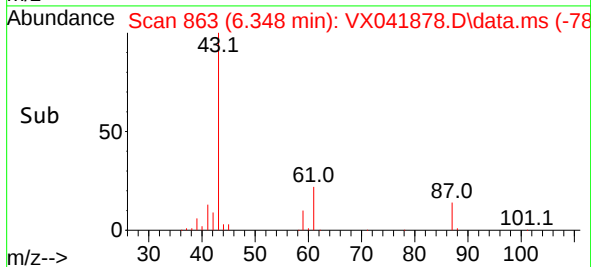
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

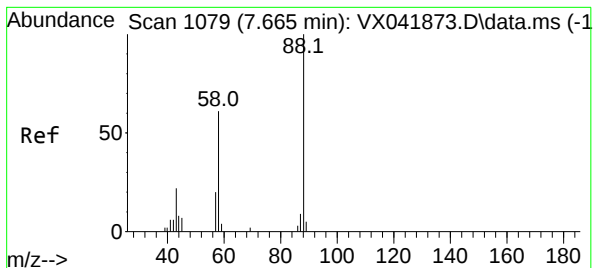


#44
Isopropyl Acetate
Concen: 20.104 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16



Tgt Ion: 43 Resp: 87264
Ion Ratio Lower Upper
43 100
61 21.3 17.4 26.0





#45

1,4-Dioxane

Concen: 401.835 ug/l m

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061424

Tgt Ion: 88 Resp: 2126

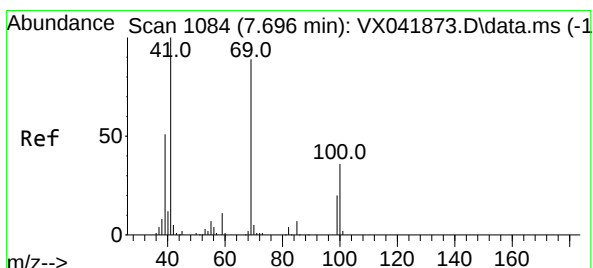
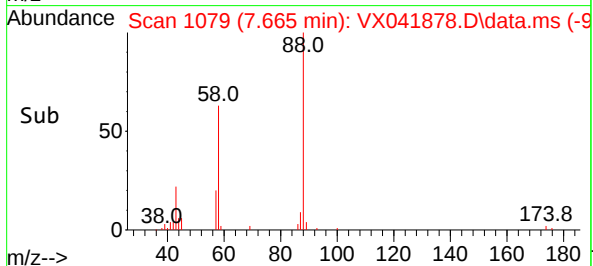
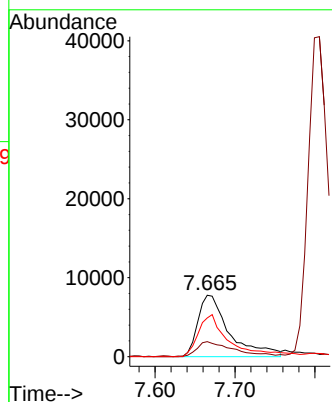
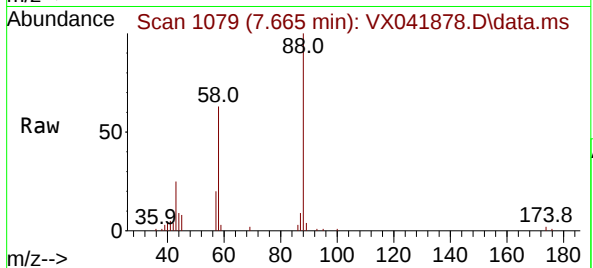
Ion	Ratio	Lower	Upper
88	100		
43	27.0	23.2	34.8
58	67.2	52.6	78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#46

Methyl methacrylate

Concen: 19.860 ug/l

RT: 7.696 min Scan# 1084

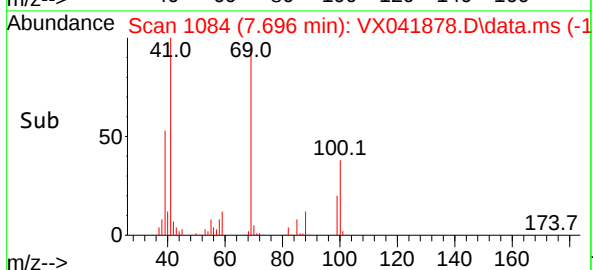
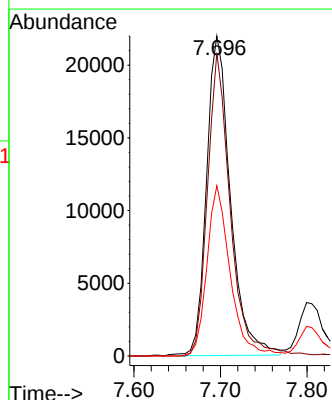
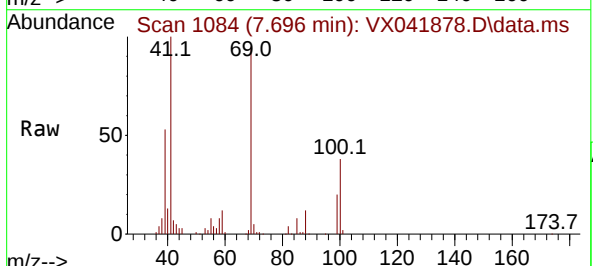
Delta R.T. 0.000 min

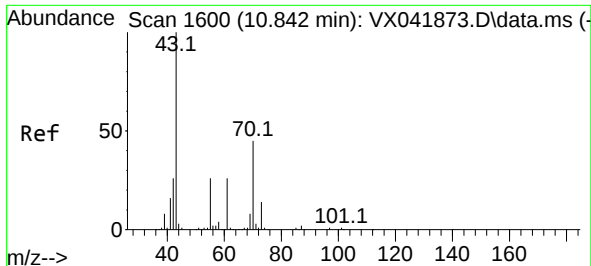
Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

Tgt Ion: 41 Resp: 42149

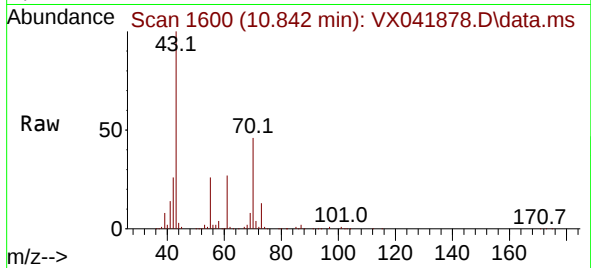
Ion	Ratio	Lower	Upper
41	100		
69	95.4	44.4	133.1
39	53.6	25.5	76.5





#47
n-amy1 Acetate
Concen: 19.379 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

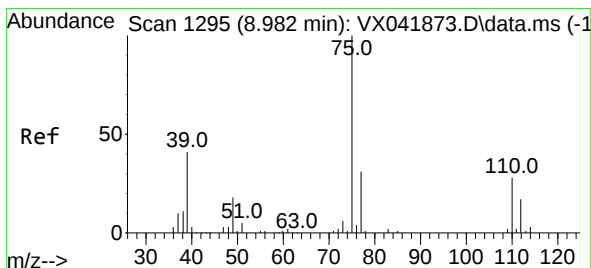
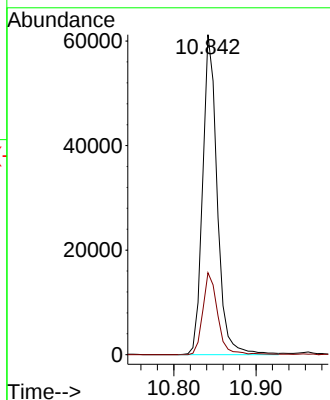
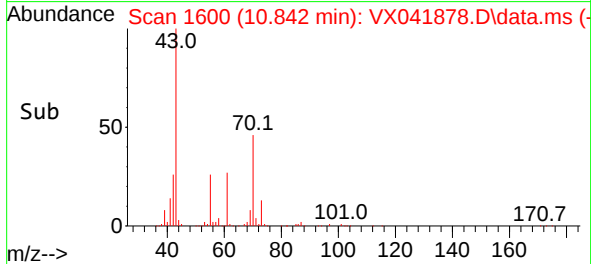
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424



Tgt Ion: 43 Resp: 75492
Ion Ratio Lower Upper
43 100
55 25.7 21.0 31.4

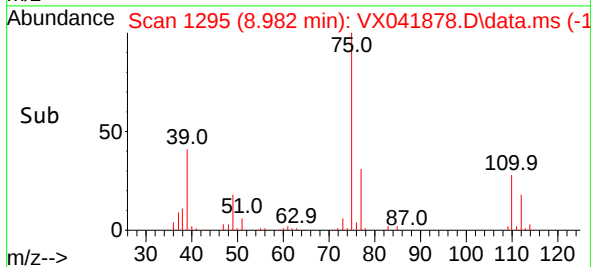
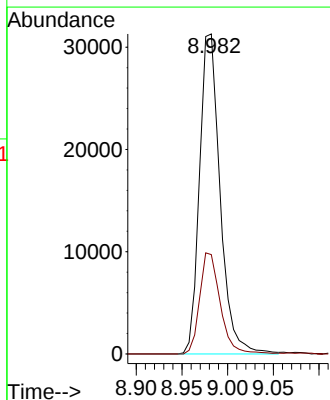
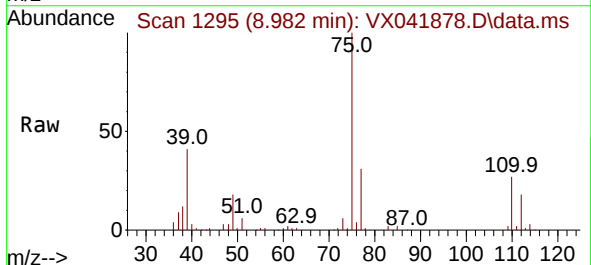
Manual Integrations
APPROVED

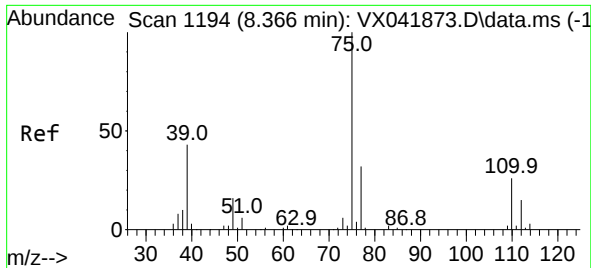
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#48
t-1,3-Dichloropropene
Concen: 19.583 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Tgt Ion: 75 Resp: 49050
Ion Ratio Lower Upper
75 100
77 31.1 25.1 37.7





#49
 cis-1,3-Dichloropropene
 Concen: 19.580 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041878.D
 Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

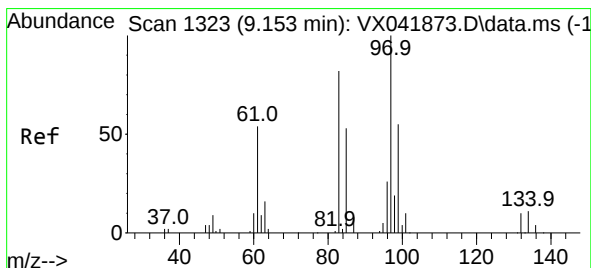
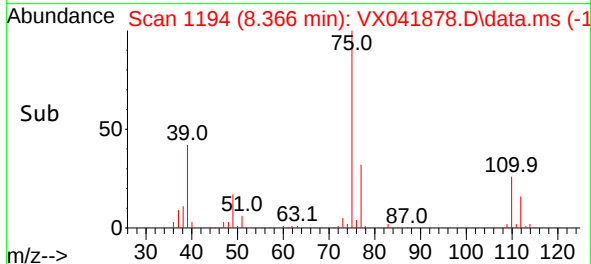
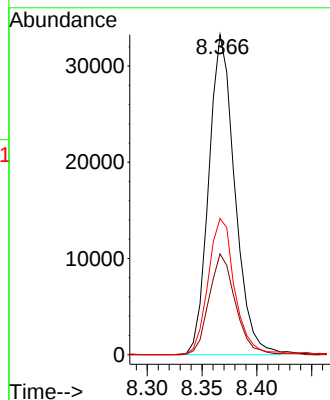
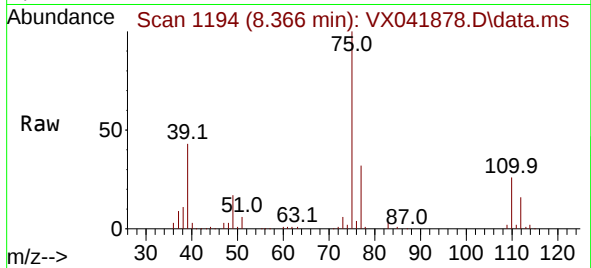
ICVVX061424

Tgt Ion: 75 Resp: 55010
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.8
 39 42.3 34.8 52.2

Manual Integrations

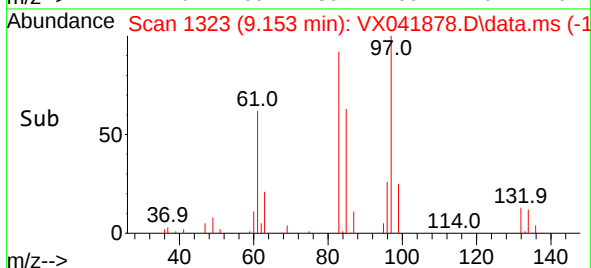
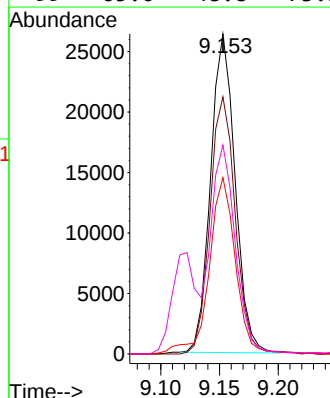
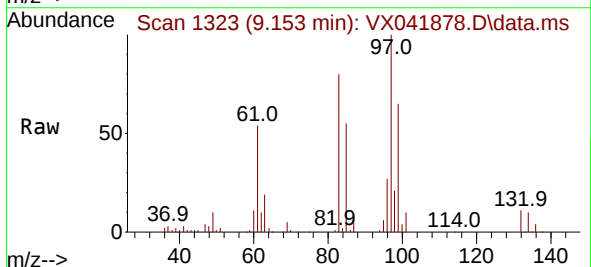
APPROVED

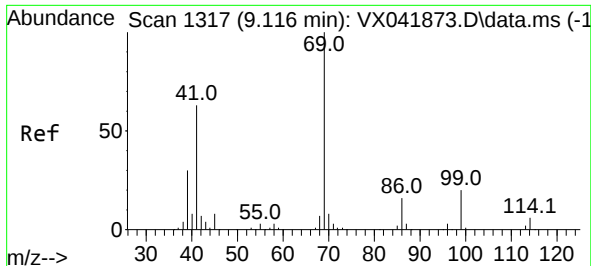
Reviewed By :John Carlone 06/17/2024
 Supervised By :Mahesh Dadoda 06/17/2024



#50
 1,1,2-Trichloroethane
 Concen: 19.350 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX041878.D
 Acq: 14 Jun 2024 15:16

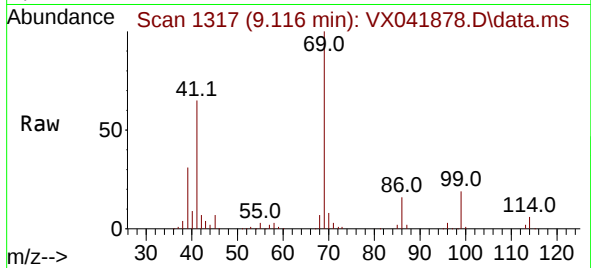
Tgt Ion: 97 Resp: 38205
 Ion Ratio Lower Upper
 97 100
 83 80.8 65.9 98.9
 85 54.9 42.9 64.3
 99 65.0 48.8 73.2





#51
Ethyl methacrylate
Concen: 19.599 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

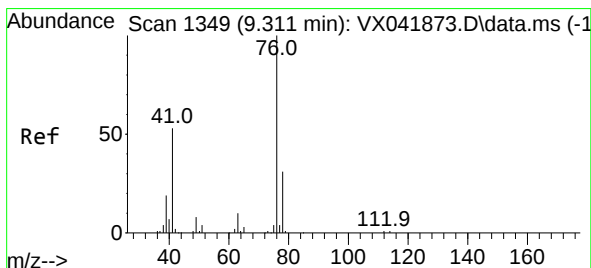
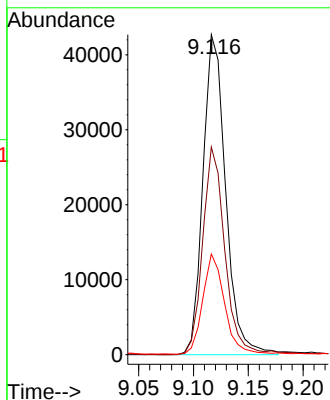
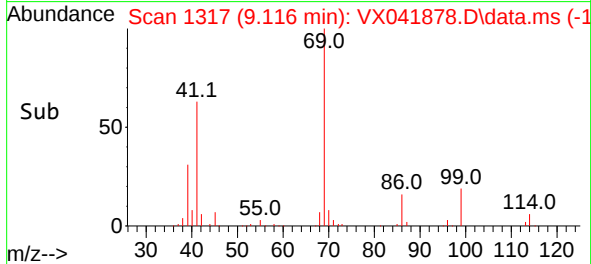
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424



Tgt Ion: 69 Resp: 6147
Ion Ratio Lower Upper
69 100
41 64.7 31.6 94.7
39 31.3 15.3 45.8

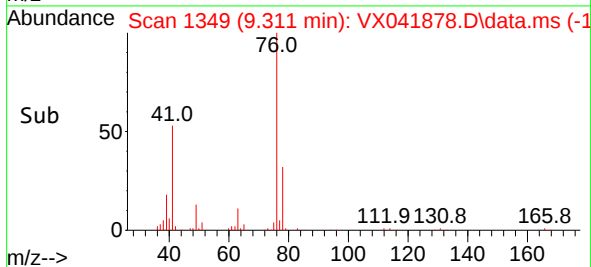
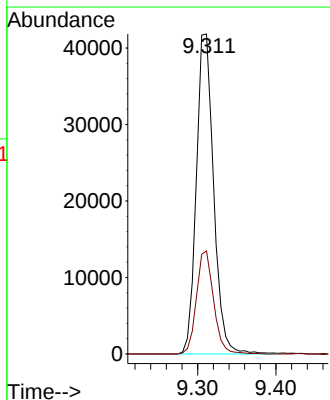
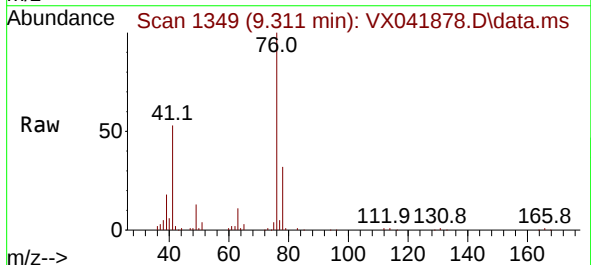
Manual Integrations
APPROVED

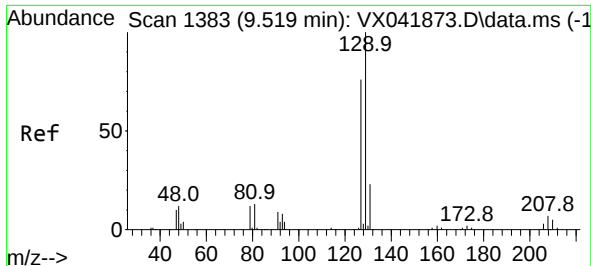
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#52
1,3-Dichloropropane
Concen: 19.961 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Tgt Ion: 76 Resp: 64431
Ion Ratio Lower Upper
76 100
78 31.8 0.0 66.0





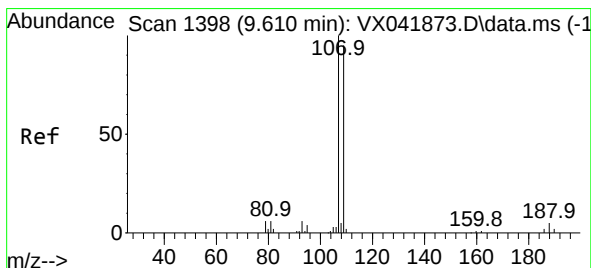
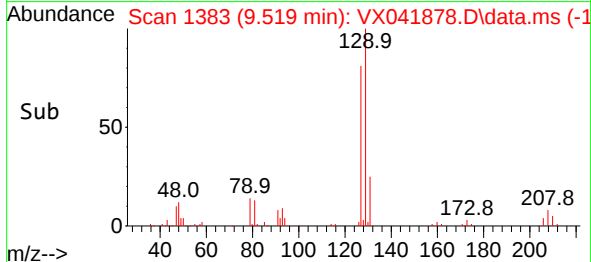
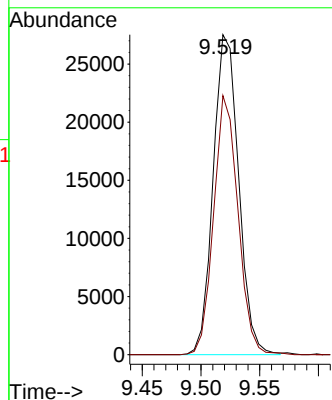
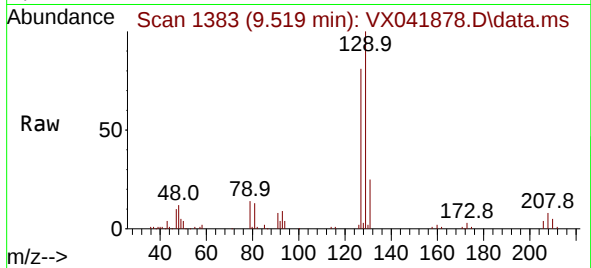
#53
Dibromochloromethane
Concen: 19.199 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424

Tgt Ion:129 Resp: 4148
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4

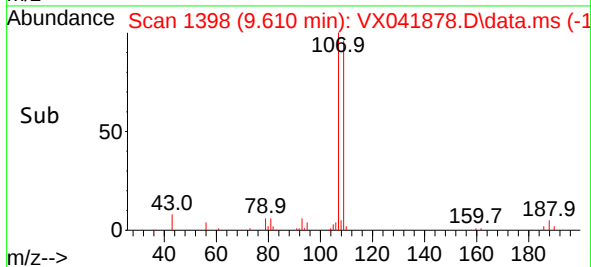
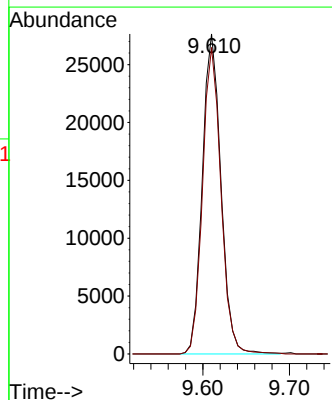
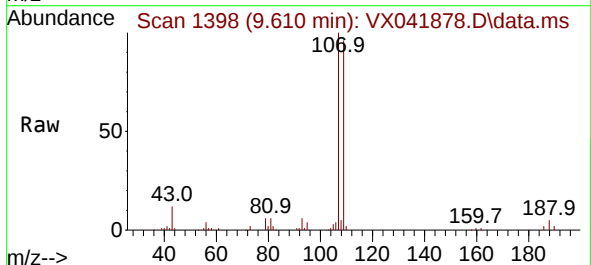
Manual Integrations
APPROVED

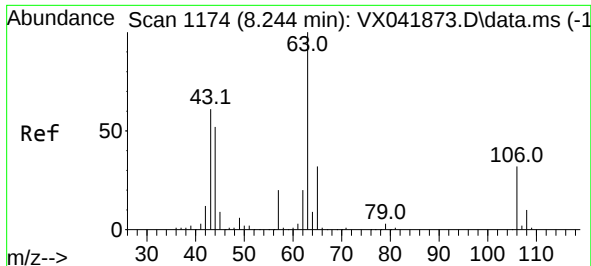
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#54
1,2-Dibromoethane
Concen: 19.830 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Tgt Ion:107 Resp: 41288
Ion Ratio Lower Upper
107 100
109 94.7 75.7 113.5





#55

2-Chloroethyl vinyl ether

Concen: 93.857 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061424

Tgt Ion: 63 Resp: 13702

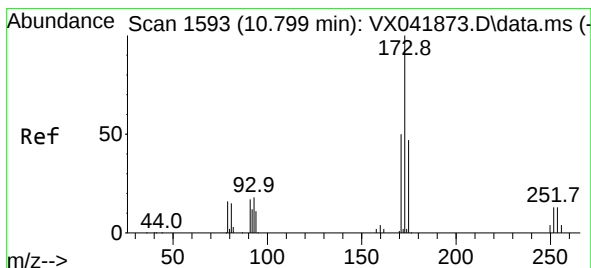
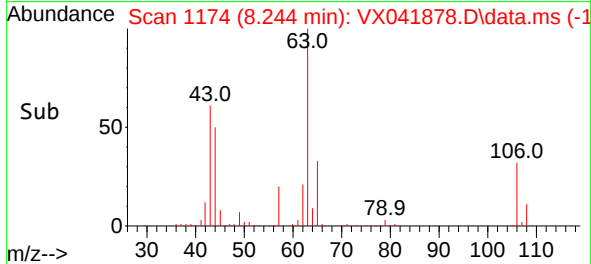
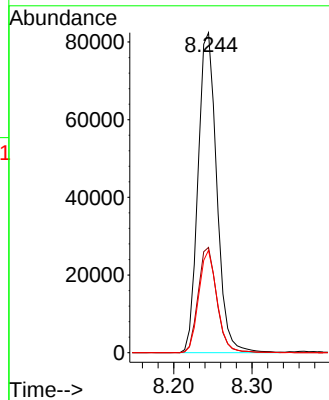
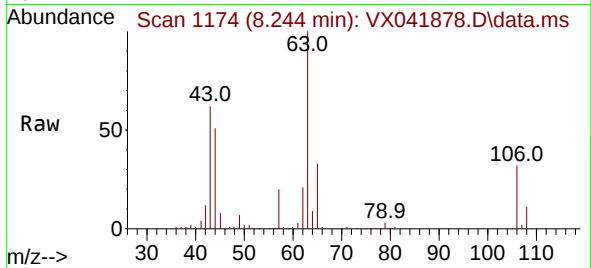
Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.7	38.5
106	31.2	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#56

Bromoform

Concen: 18.775 ug/l

RT: 10.799 min Scan# 1593

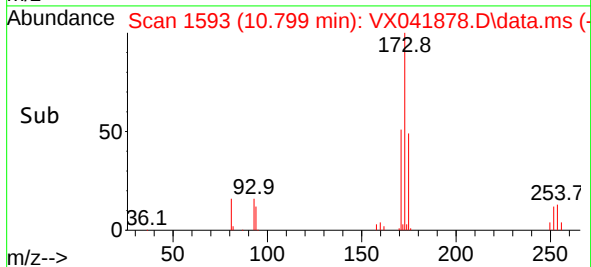
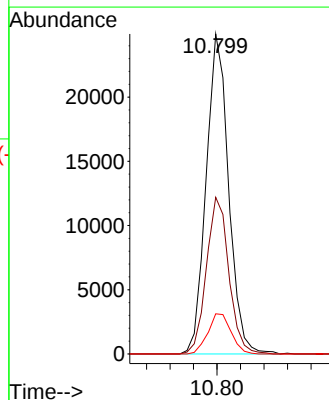
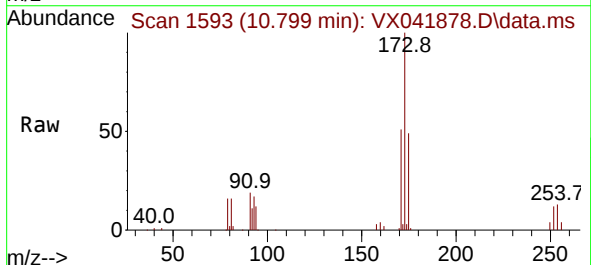
Delta R.T. 0.000 min

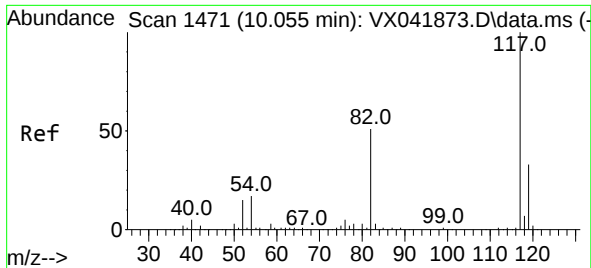
Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

Tgt Ion:173 Resp: 33079

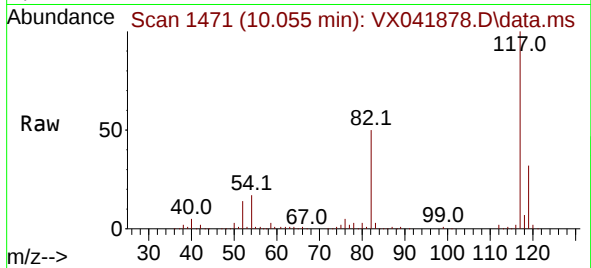
Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.3	58.9
254	13.0	9.6	14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

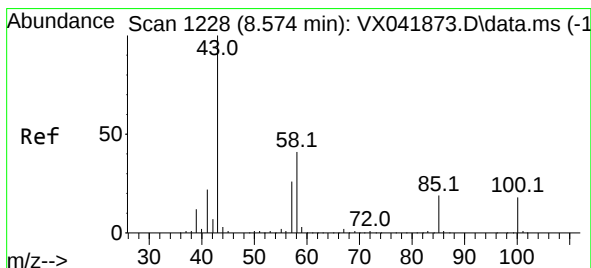
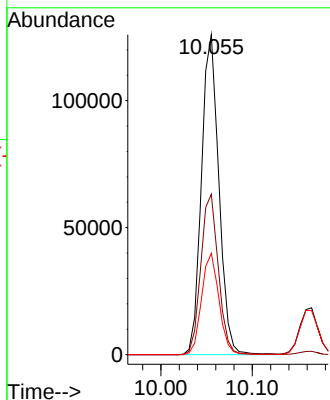
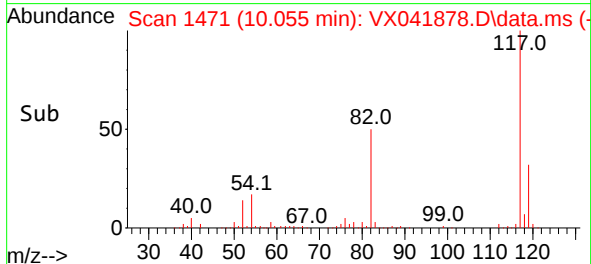
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424



Tgt Ion: 117 Resp: 166420
Ion Ratio Lower Upper
117 100
82 50.6 41.1 61.7
119 31.7 26.1 39.1

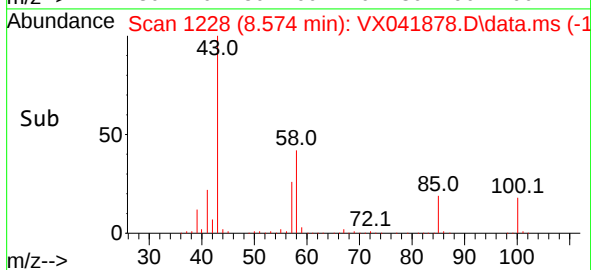
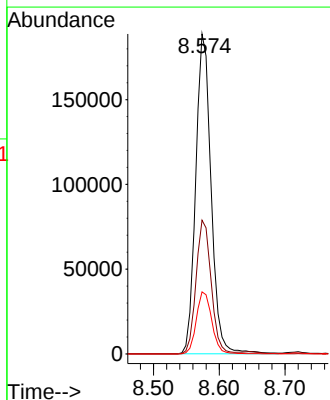
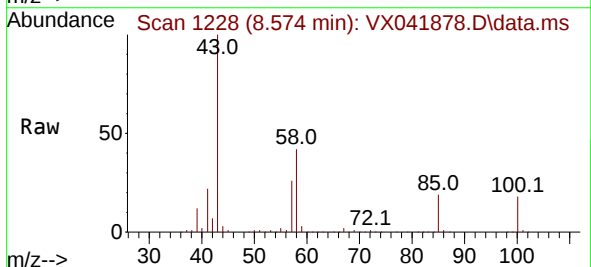
Manual Integrations
APPROVED

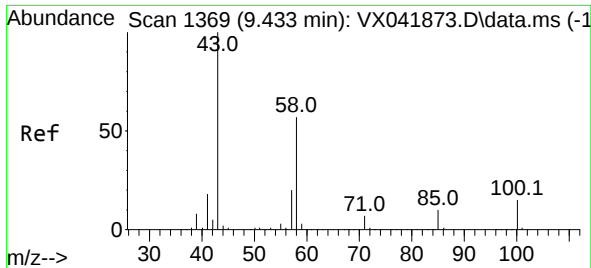
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#58
4-Methyl-2-Pentanone
Concen: 102.823 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

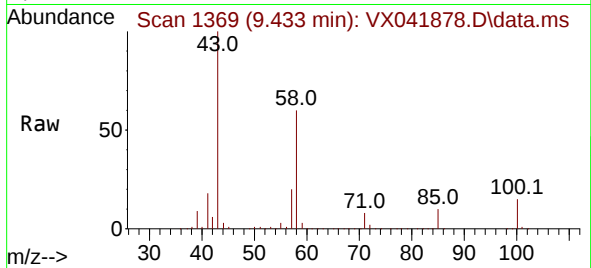
Tgt Ion: 43 Resp: 306640
Ion Ratio Lower Upper
43 100
58 41.2 33.2 49.8
85 19.5 15.5 23.3





#59
2-Hexanone
Concen: 105.059 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

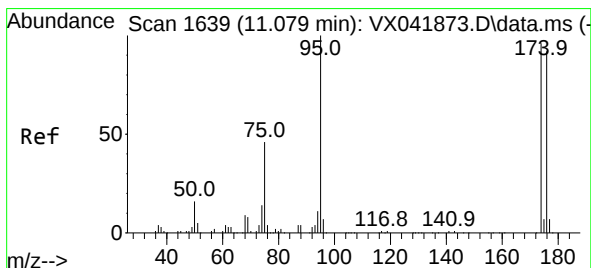
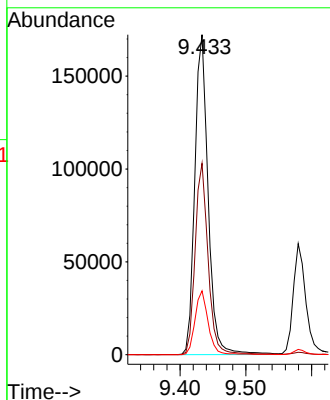
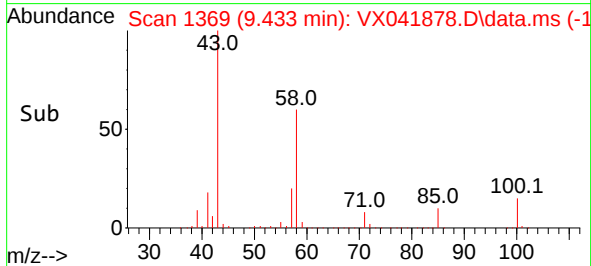
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424



Tgt Ion: 43 Resp: 24182
Ion Ratio Lower Upper
43 100
58 57.8 46.0 69.0
57 19.5 15.8 23.6

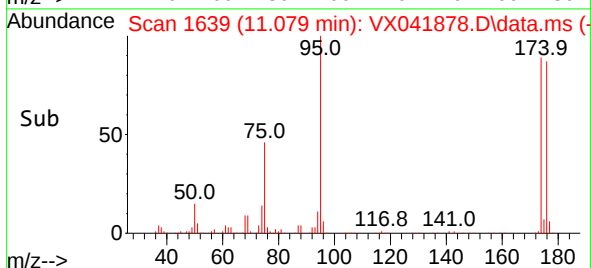
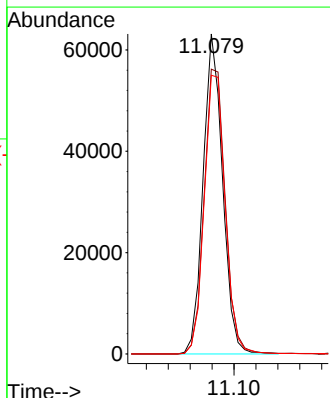
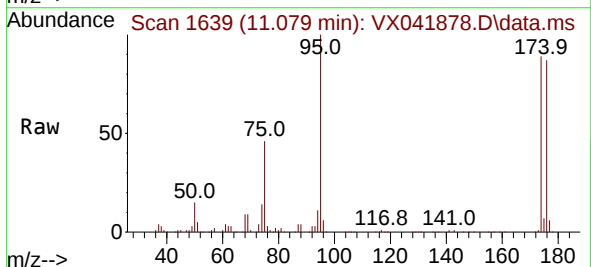
Manual Integrations
APPROVED

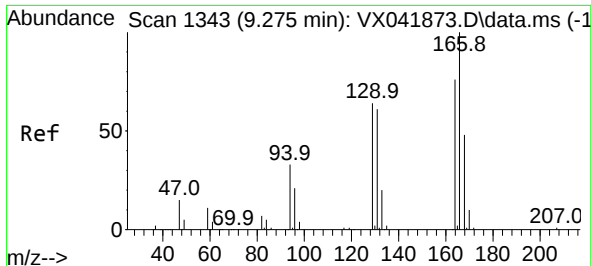
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#60
4-Bromofluorobenzene
Concen: 30.184 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

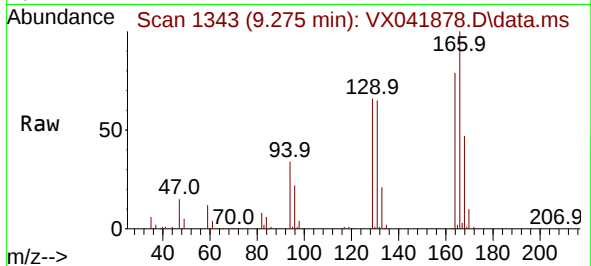
Tgt Ion: 95 Resp: 77758
Ion Ratio Lower Upper
95 100
174 96.8 78.9 118.3
176 93.9 77.1 115.7





#61
Tetrachloroethene
Concen: 20.230 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

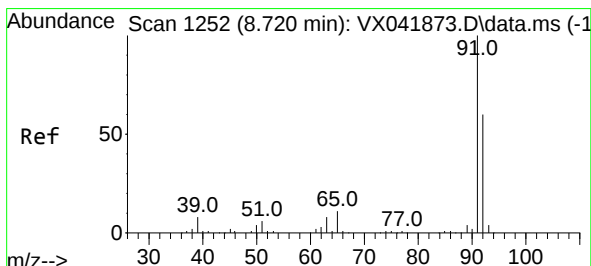
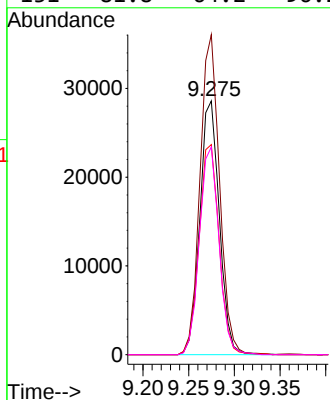
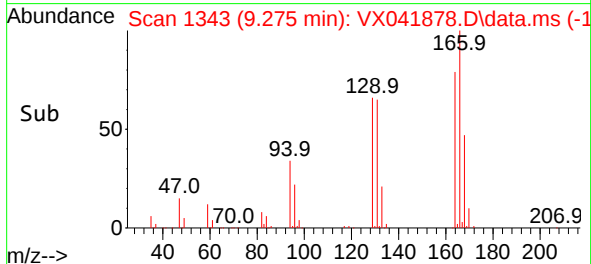
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424



Tgt Ion:164 Resp: 42368
Ion Ratio Lower Upper
164 100
166 126.1 105.0 157.6
129 82.8 67.1 100.7
131 81.8 64.2 96.2

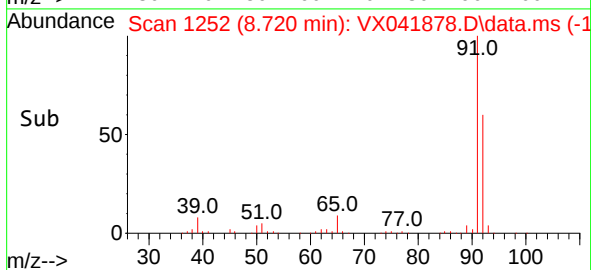
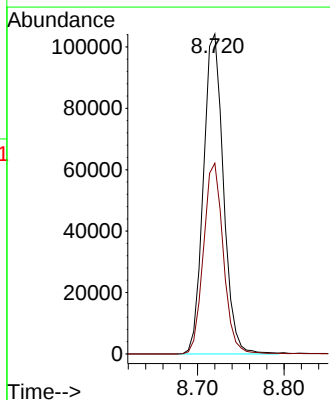
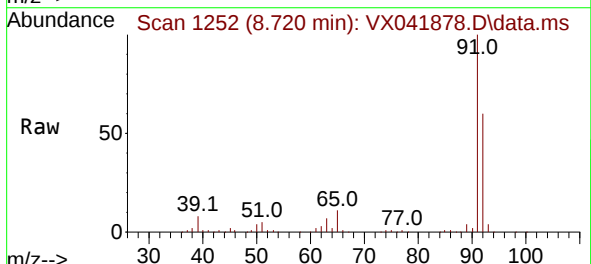
Manual Integrations
APPROVED

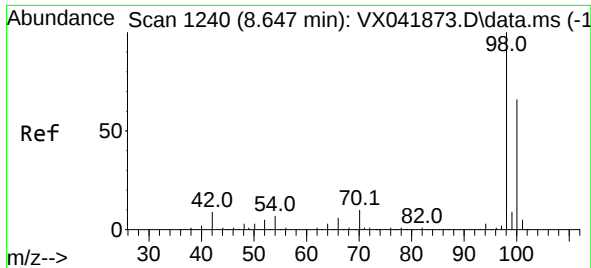
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#62
Toluene
Concen: 19.856 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

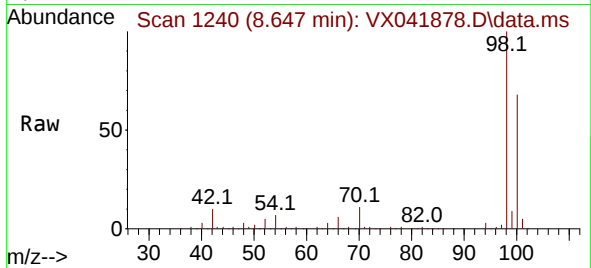
Tgt Ion: 91 Resp: 167222
Ion Ratio Lower Upper
91 100
92 59.1 47.4 71.2





#63
Toluene-d8
Concen: 30.336 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

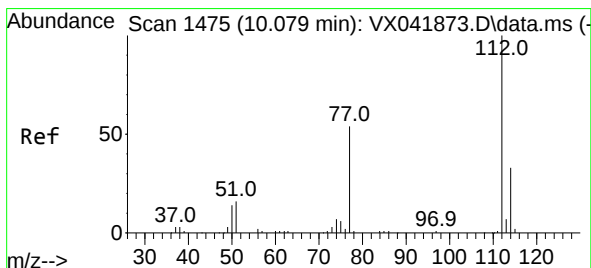
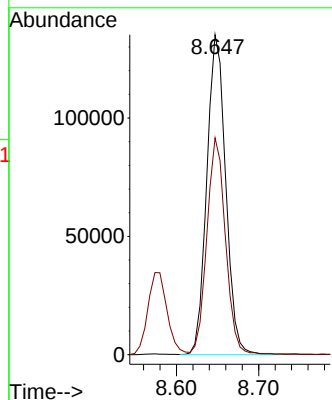
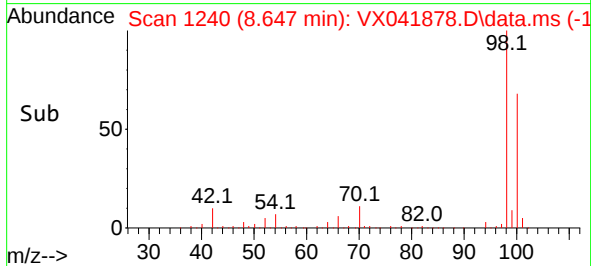
Instrument :
MSVOA_X
ClientSampleId :
ICVX061424



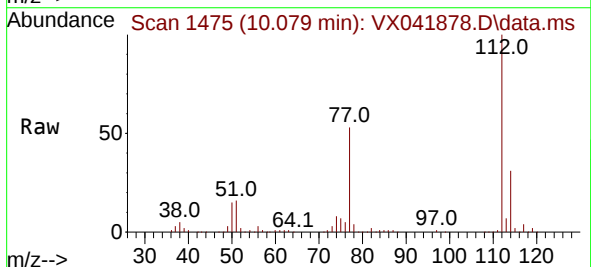
Tgt Ion: 98 Resp: 21598
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1

Manual Integrations
APPROVED

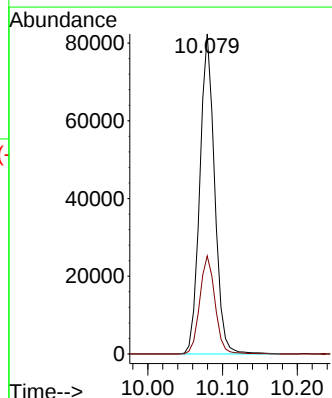
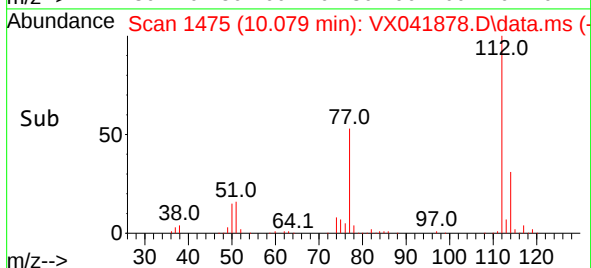
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

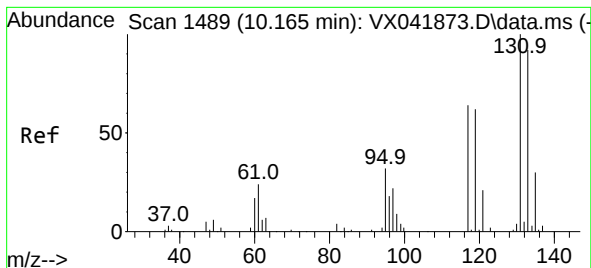


#64
Chlorobenzene
Concen: 19.747 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16



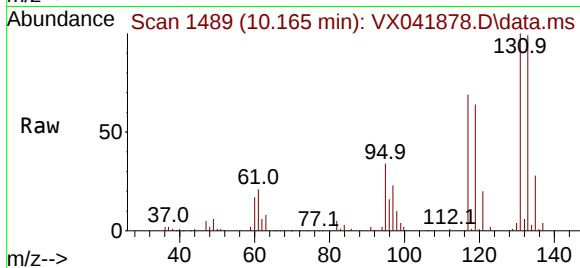
Tgt Ion:112 Resp: 113247
Ion Ratio Lower Upper
112 100
114 30.6 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.664 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

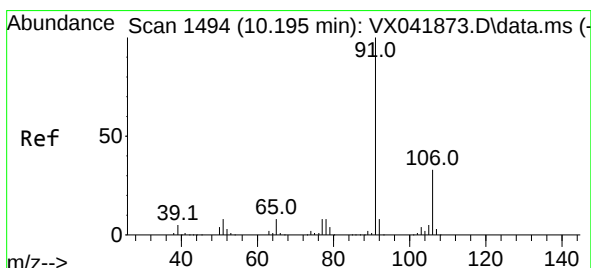
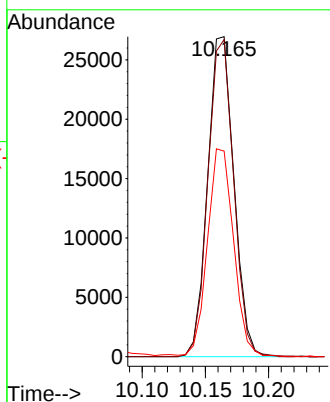
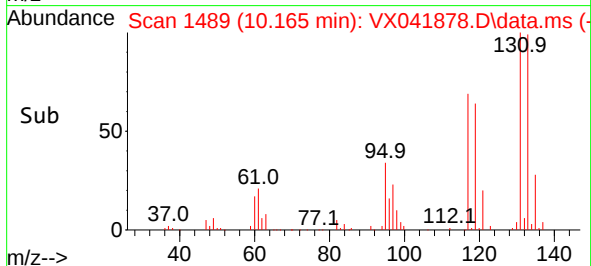
Instrument :
MSVOA_X
ClientSampleId :
ICVX061424



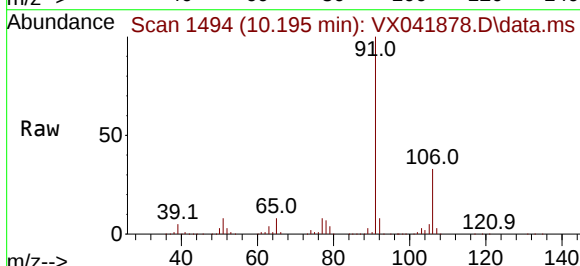
Tgt Ion:131 Resp: 3894
Ion Ratio Lower Upper
131 100
133 97.0 0.0 194.8
119 64.7 0.0 127.6

Manual Integrations
APPROVED

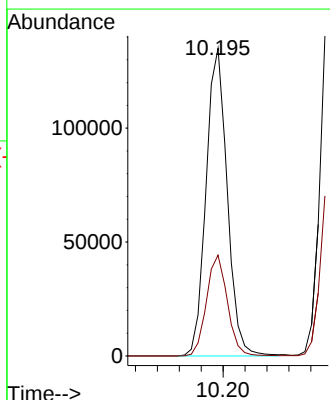
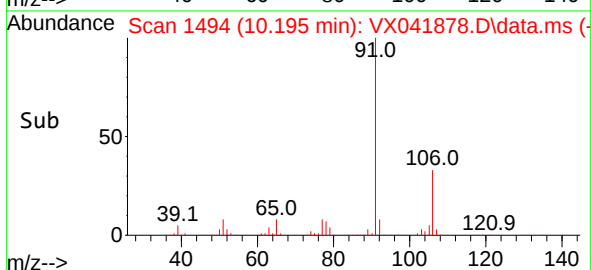
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

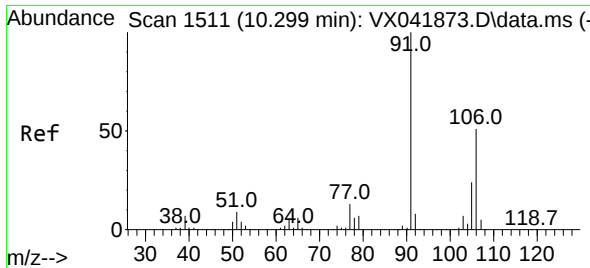


#66
Ethyl Benzene
Concen: 19.681 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16



Tgt Ion: 91 Resp: 181209
Ion Ratio Lower Upper
91 100
106 32.7 26.4 39.6





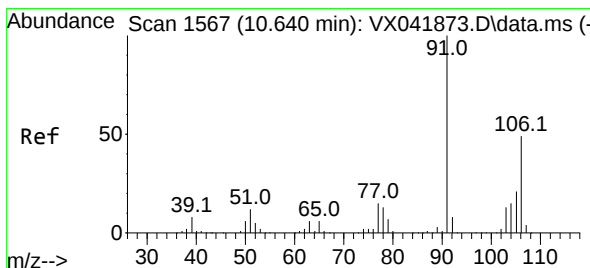
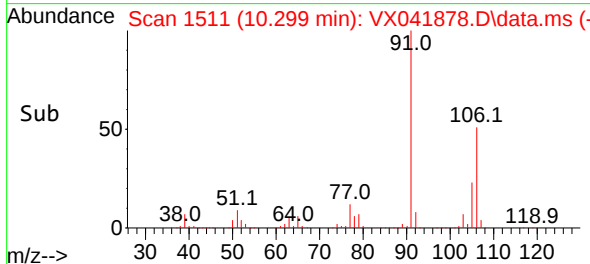
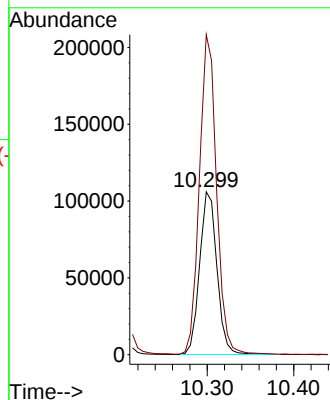
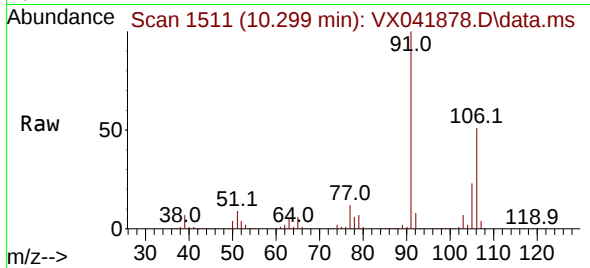
#67
m/p-Xylenes
Concen: 39.676 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424

Tgt Ion:106 Resp: 14694
Ion Ratio Lower Upper
106 100
91 195.6 157.0 235.6

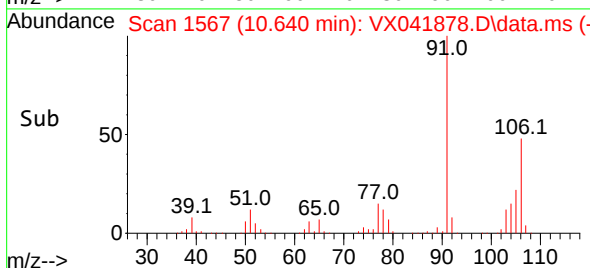
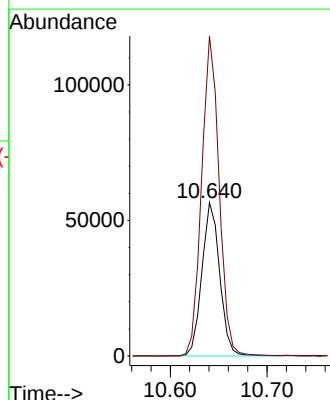
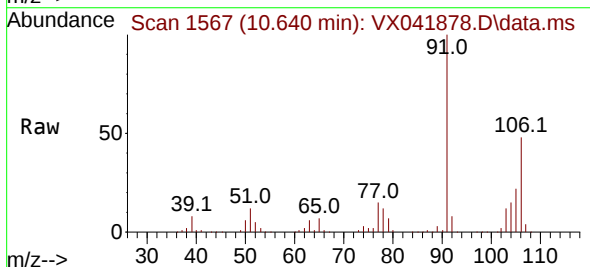
Manual Integrations
APPROVED

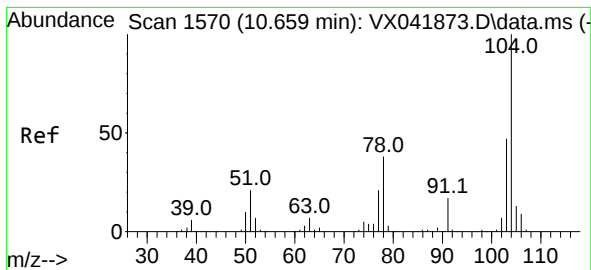
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#68
o-Xylene
Concen: 19.647 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Tgt Ion:106 Resp: 72545
Ion Ratio Lower Upper
106 100
91 205.3 103.2 309.6





#69

Styrene

Concen: 19.904 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061424

Tgt Ion:104 Resp: 122810

Ion Ratio Lower Upper

104 100

78 45.6 36.5 54.7

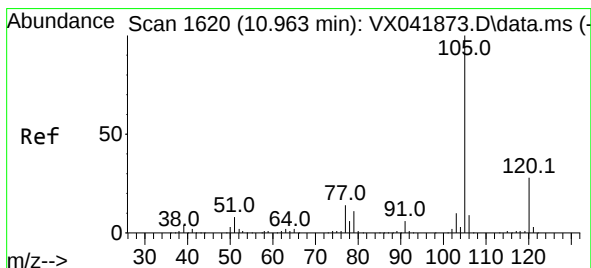
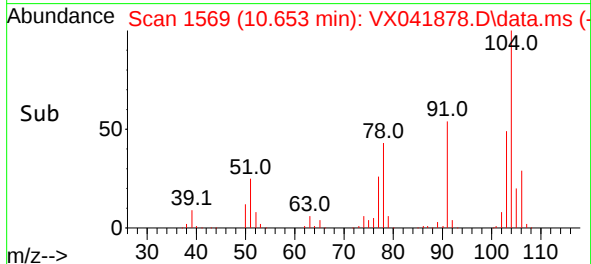
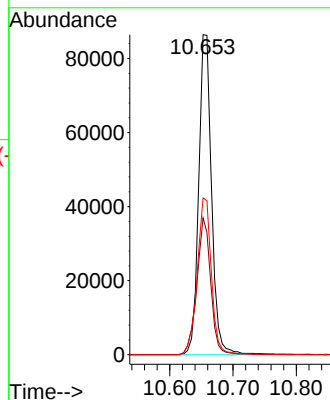
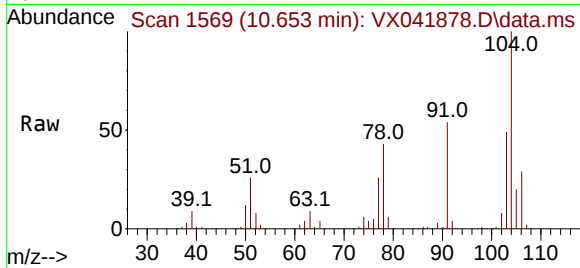
103 53.9 43.4 65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#70

Isopropylbenzene

Concen: 19.931 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041878.D

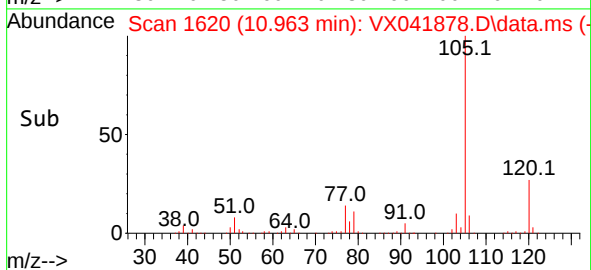
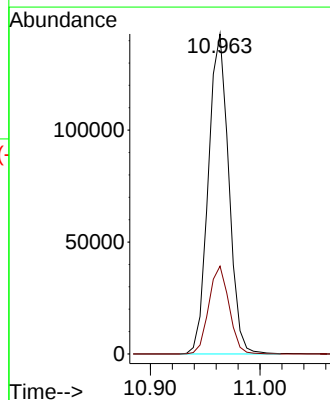
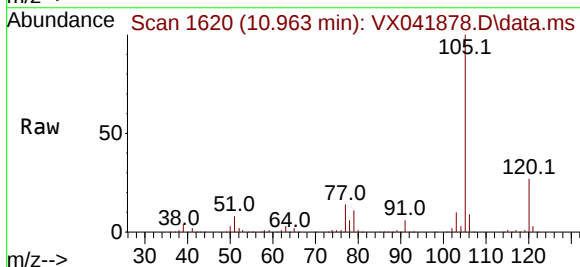
Acq: 14 Jun 2024 15:16

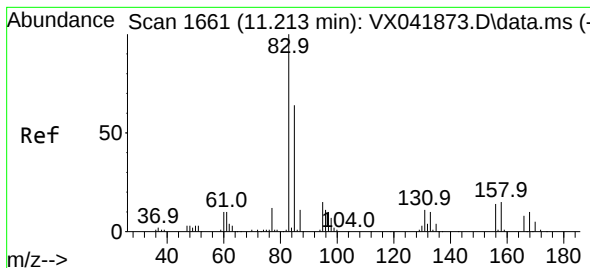
Tgt Ion:105 Resp: 185036

Ion Ratio Lower Upper

105 100

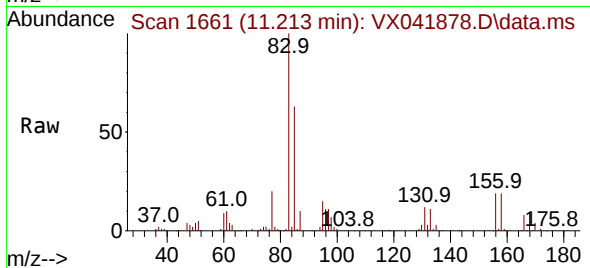
120 27.2 19.2 35.6





#71
1,1,2,2-Tetrachloroethane
Concen: 19.726 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

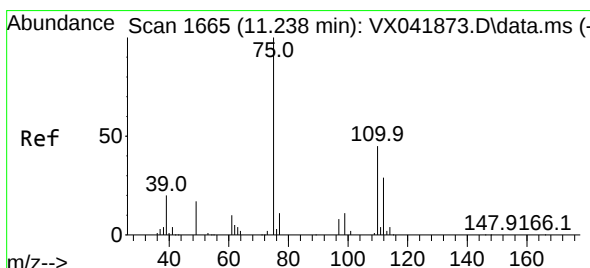
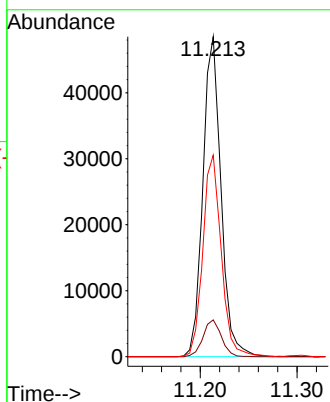
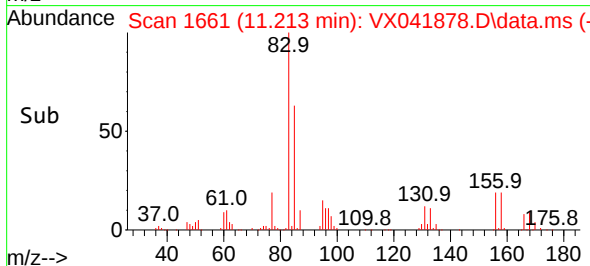
Instrument :
MSVOA_X
ClientSampleId :
ICVX061424



Tgt Ion: 83 Resp: 63380
Ion Ratio Lower Upper
83 100
131 11.6 5.5 16.7
85 63.9 32.6 97.7

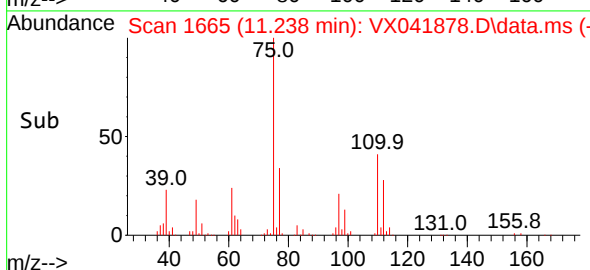
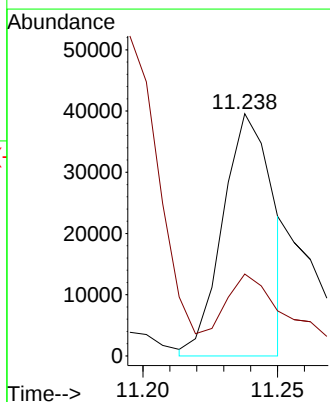
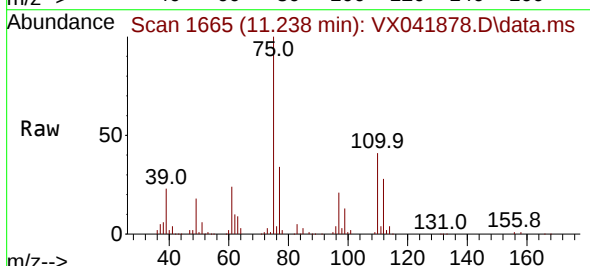
Manual Integrations
APPROVED

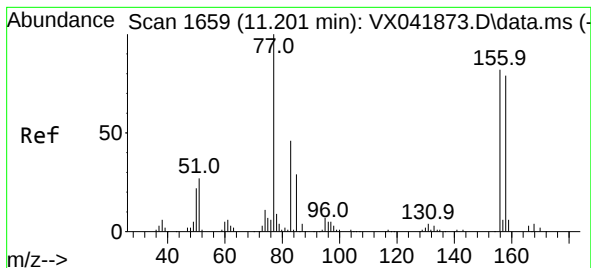
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#72
1,2,3-Trichloropropane
Concen: 19.618 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Tgt Ion: 75 Resp: 51055
Ion Ratio Lower Upper
75 100
77 45.0 0.0 79.6





#73

Bromobenzene

Concen: 19.523 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

ICVX061424

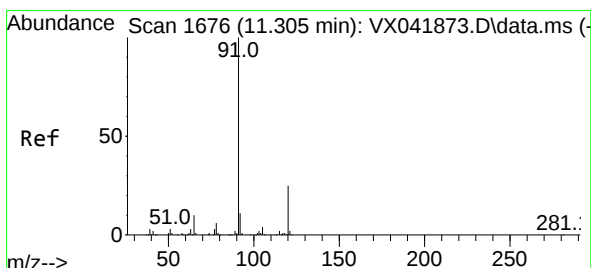
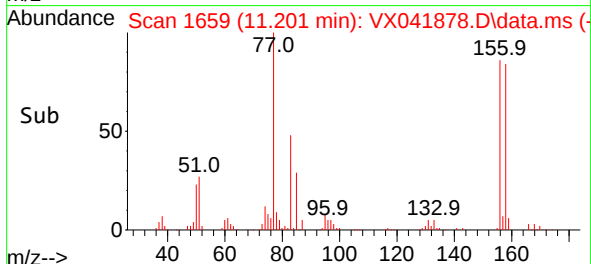
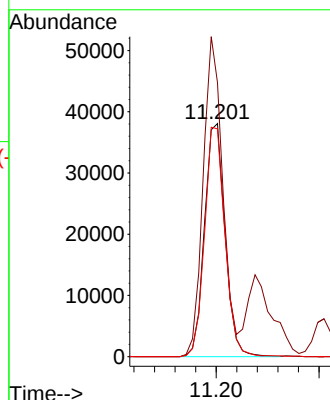
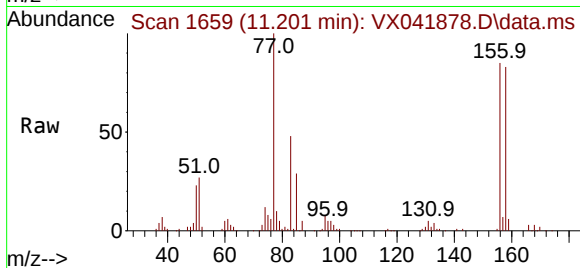
Tgt Ion:	156	Resp:	52869
Ion Ratio	Lower	Upper	
156	100		
77	130.2	0.0	266.2
158	97.6	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#74

n-propylbenzene

Concen: 19.973 ug/l

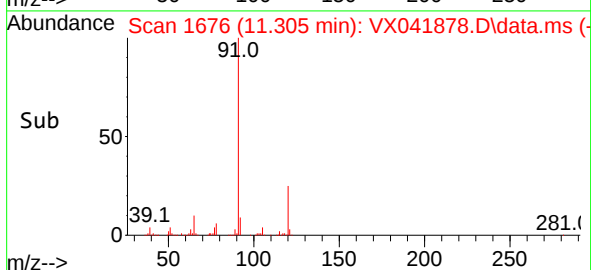
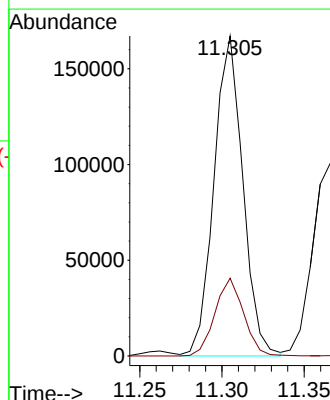
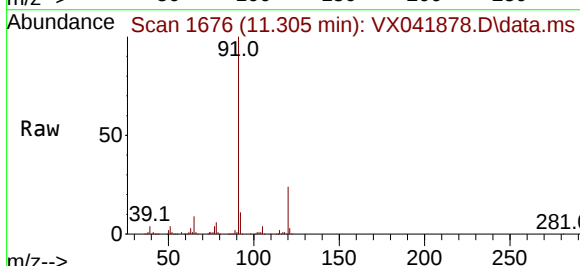
RT: 11.305 min Scan# 1676

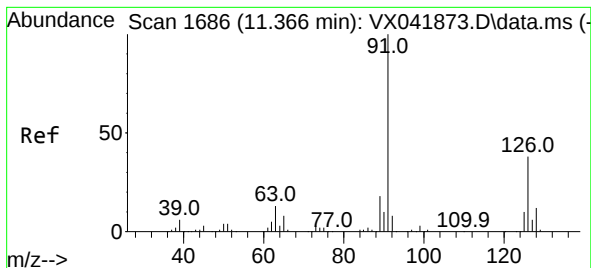
Delta R.T. 0.000 min

Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

Tgt Ion:	91	Resp:	203697
Ion Ratio	Lower	Upper	
91	100		
120	24.2	0.0	49.6





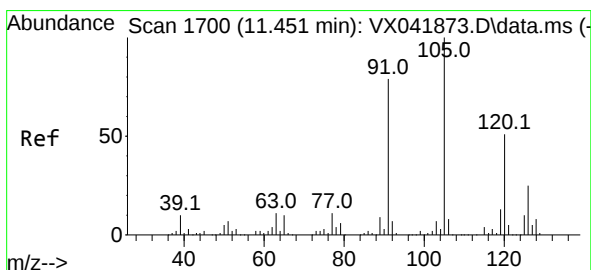
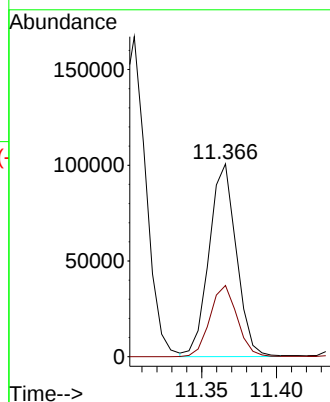
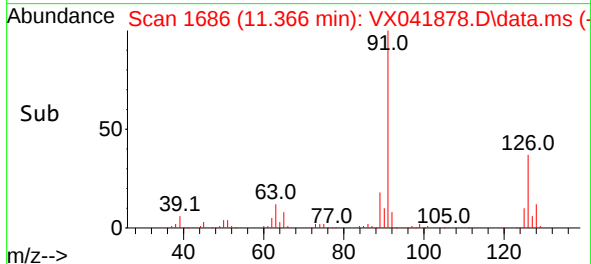
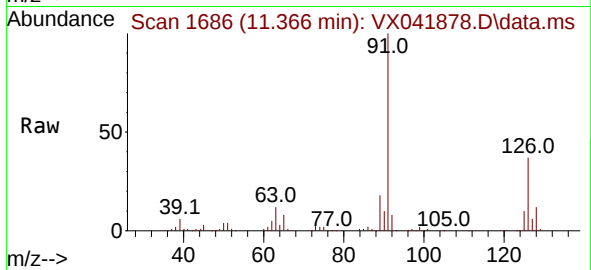
#75
2-Chlorotoluene
Concen: 19.761 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Instrument :
MSVOA_X
ClientSampleId :
ICVX061424

Tgt Ion: 91 Resp: 127979
Ion Ratio Lower Upper
91 100
126 36.7 0.0 72.6

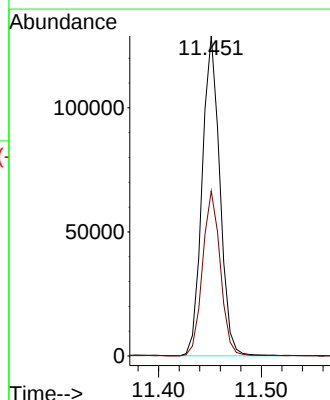
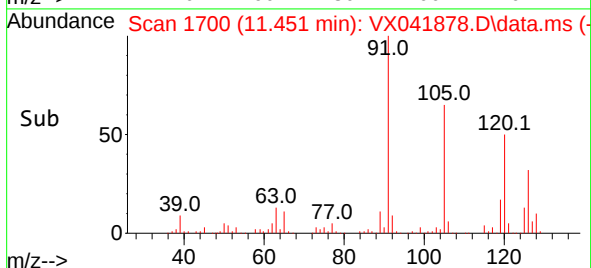
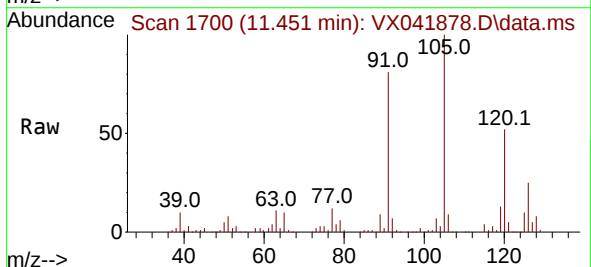
Manual Integrations
APPROVED

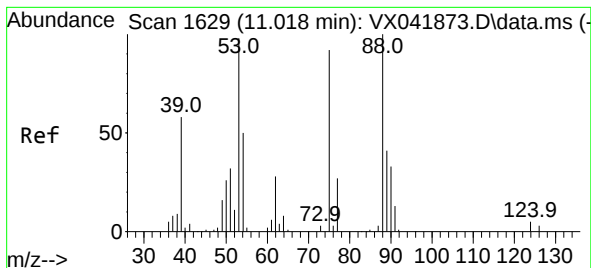
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.826 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

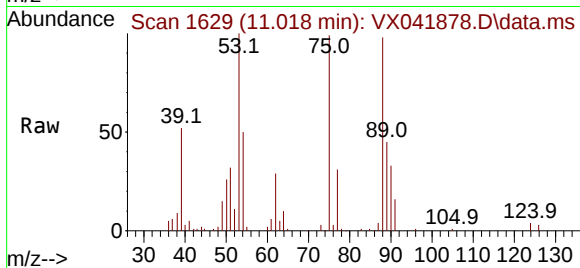
Tgt Ion:105 Resp: 154206
Ion Ratio Lower Upper
105 100
120 52.0 0.0 103.0





#77
t-1,4-Dichloro-2-butene
Concen: 18.759 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

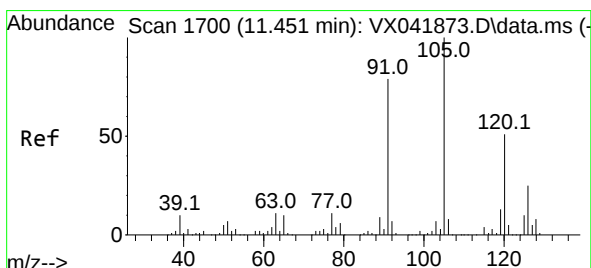
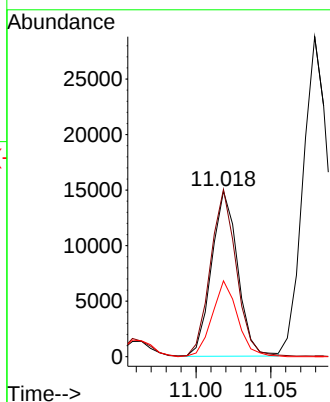
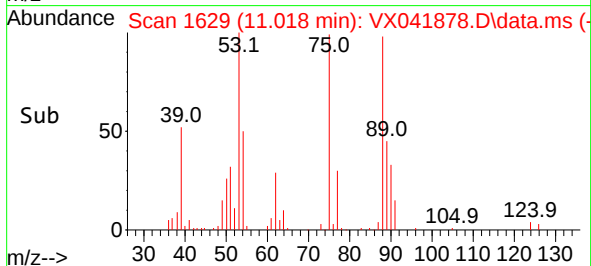
Instrument :
MSVOA_X
ClientSampleId :
ICVX061424



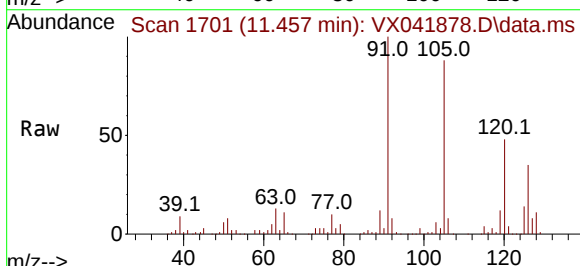
Tgt Ion: 75 Resp: 18060
Ion Ratio Lower Upper
75 100
53 101.2 53.4 160.2
89 46.1 22.5 67.5

Manual Integrations
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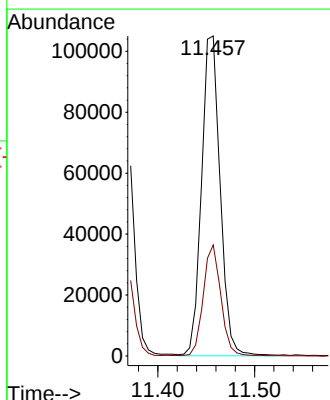
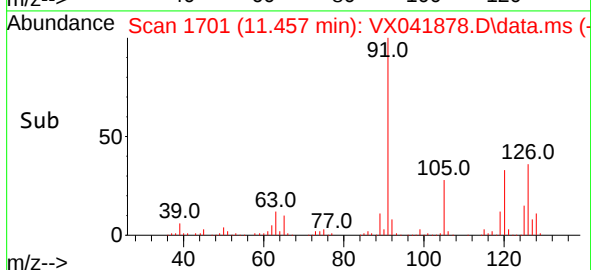
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

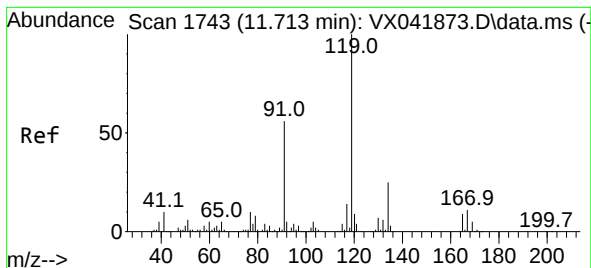


#78
4-Chlorotoluene
Concen: 19.596 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16



Tgt Ion: 91 Resp: 140975
Ion Ratio Lower Upper
91 100
126 32.6 0.0 64.8





#79

tert-butylbenzene

Concen: 19.685 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

ICVX061424

Tgt Ion:119 Resp: 162518

Ion Ratio Lower Upper

119 100

91 52.7 0.0 106.0

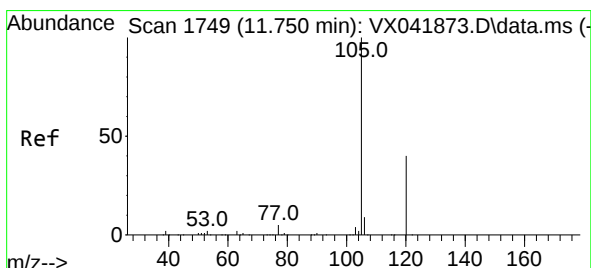
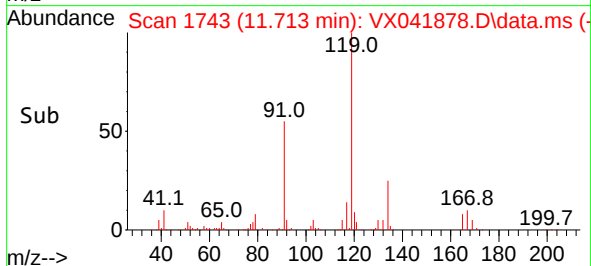
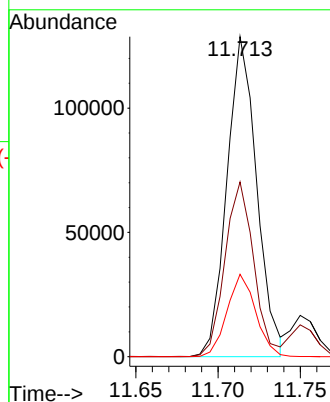
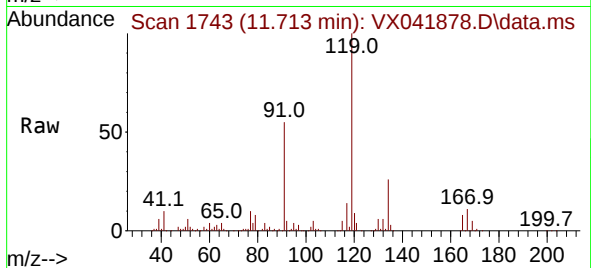
134 24.8 0.0 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#80

1,2,4-Trimethylbenzene

Concen: 19.872 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041878.D

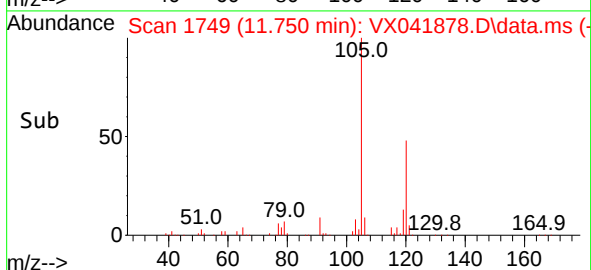
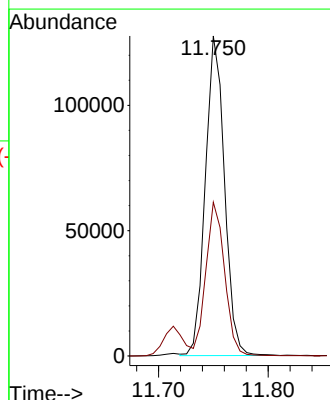
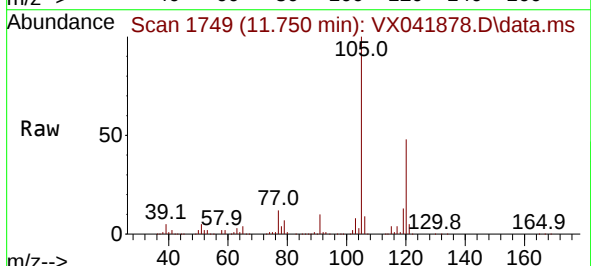
Acq: 14 Jun 2024 15:16

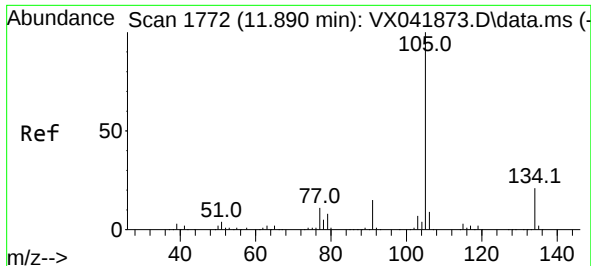
Tgt Ion:105 Resp: 154411

Ion Ratio Lower Upper

105 100

120 47.1 0.0 96.2





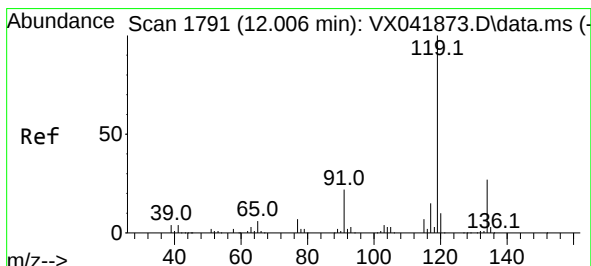
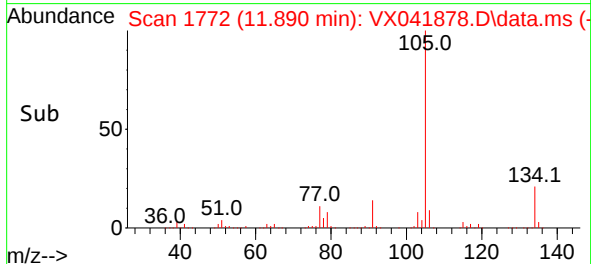
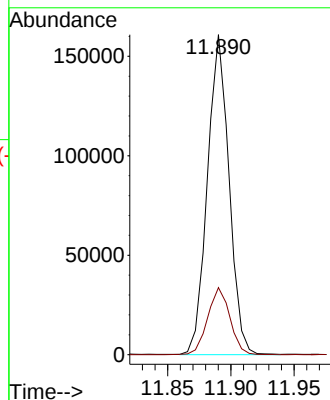
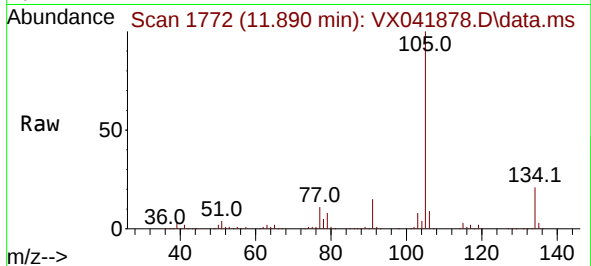
#81
 sec-Butylbenzene
 Concen: 19.880 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041878.D
 Acq: 14 Jun 2024 15:16

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061424

Tgt Ion:105 Resp: 19143
 Ion Ratio Lower Upper
 105 100
 134 21.5 0.0 43.2

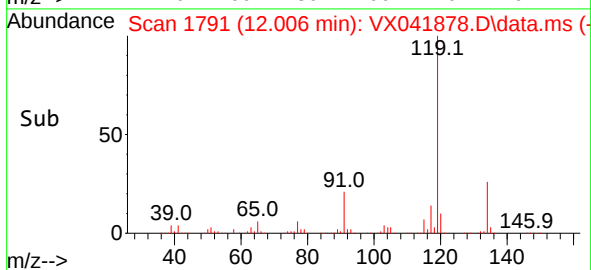
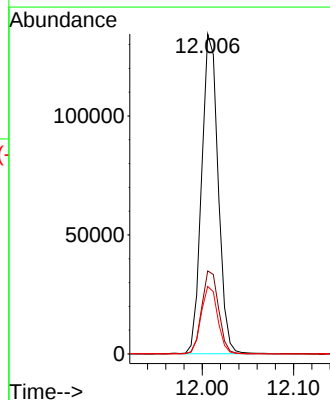
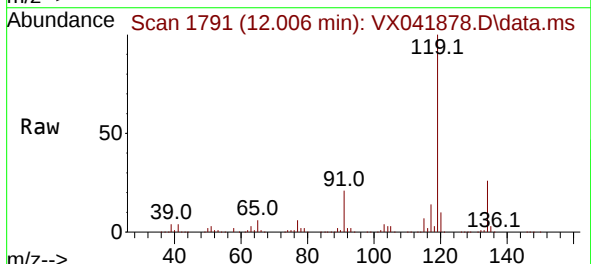
Manual Integrations
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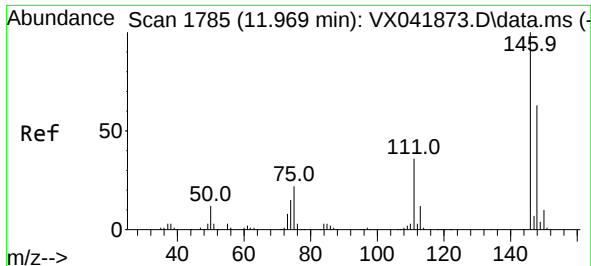
Reviewed By :John Carlone 06/17/2024
 Supervised By :Mahesh Dadoda 06/17/2024



#82
 p-Isopropyltoluene
 Concen: 19.920 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041878.D
 Acq: 14 Jun 2024 15:16

Tgt Ion:119 Resp: 168095
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 54.0
 91 21.3 0.0 42.2





#83

1,3-Dichlorobenzene

Concen: 19.602 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041878.D

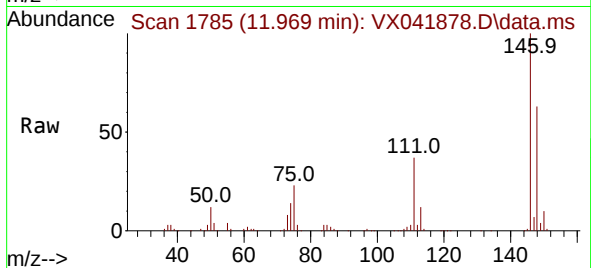
Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061424



Tgt Ion:146 Resp: 94649

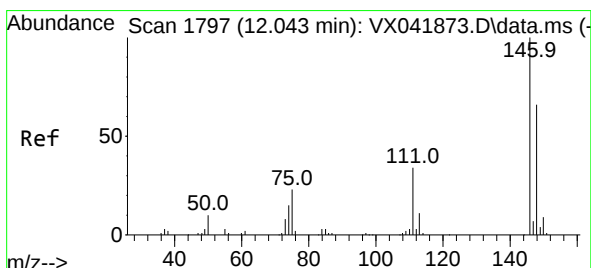
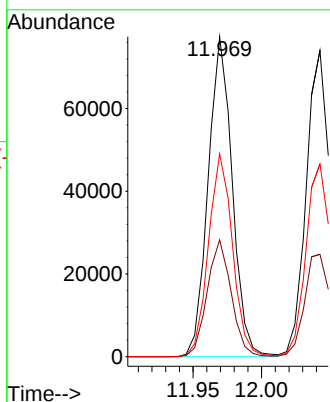
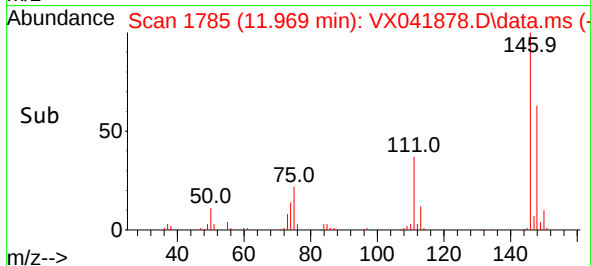
Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.0	54.0
148	63.4	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#84

1,4-Dichlorobenzene

Concen: 19.328 ug/l

RT: 12.043 min Scan# 1797

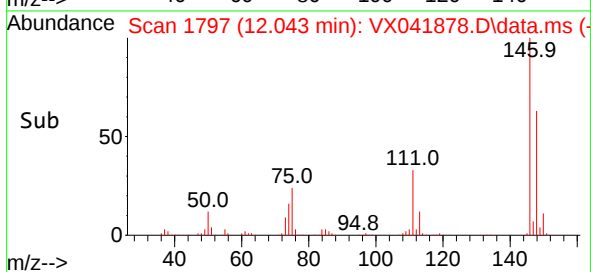
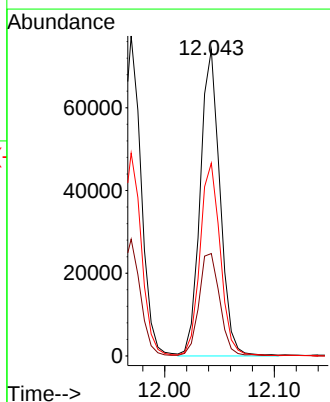
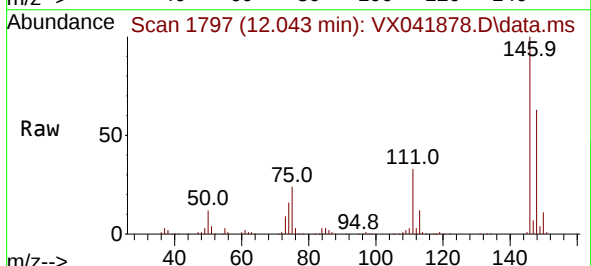
Delta R.T. 0.000 min

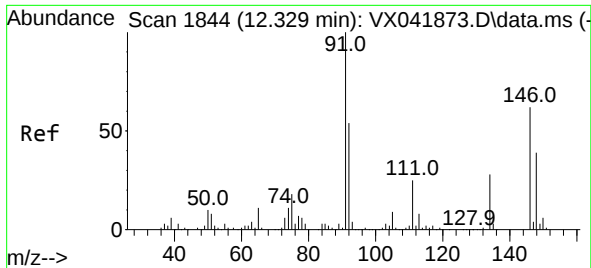
Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

Tgt Ion:146 Resp: 92893

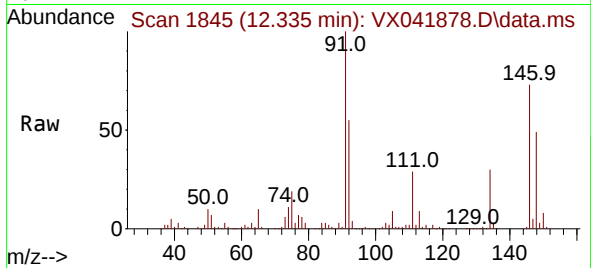
Ion	Ratio	Lower	Upper
146	100		
111	35.2	17.4	52.3
148	64.5	32.3	96.9





#85
n-Butylbenzene
Concen: 19.310 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

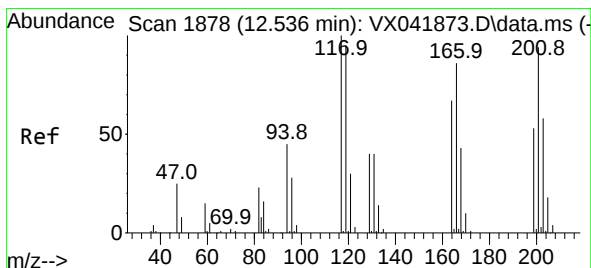
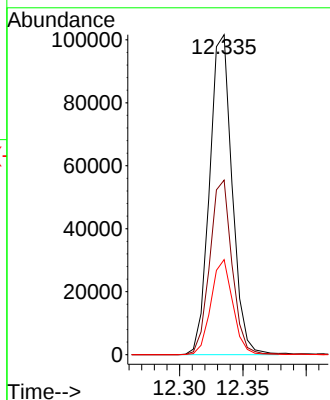
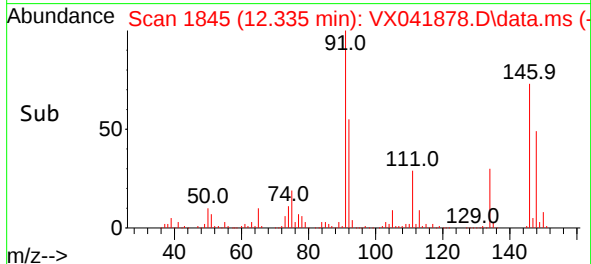
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424



Tgt Ion: 91 Resp: 126000
Ion Ratio Lower Upper
91 100
92 53.8 0.0 109.8
134 28.7 0.0 58.4

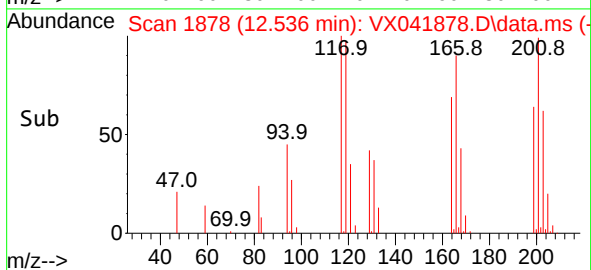
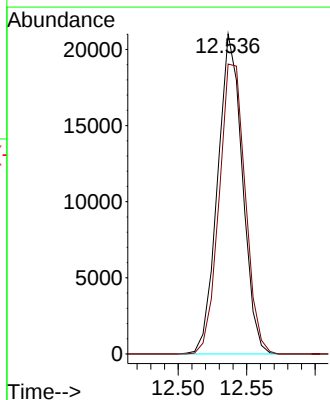
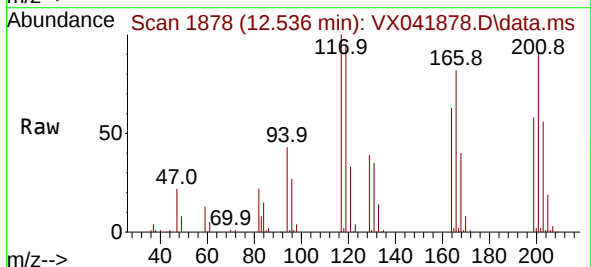
Manual Integrations
APPROVED

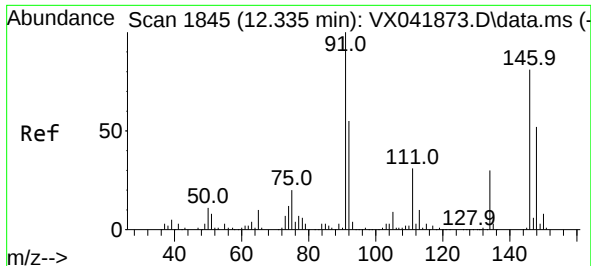
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#86
Hexachloroethane
Concen: 19.179 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

Tgt Ion:117 Resp: 26430
Ion Ratio Lower Upper
117 100
201 95.4 48.9 146.8





#87

1,2-Dichlorobenzene

Concen: 19.386 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041878.D

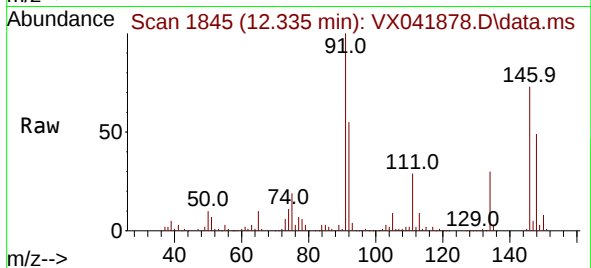
Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

ICVX061424



Tgt Ion:146 Resp: 9466

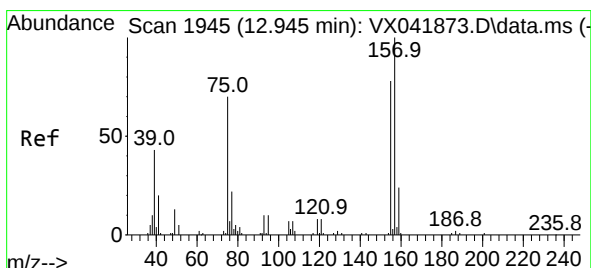
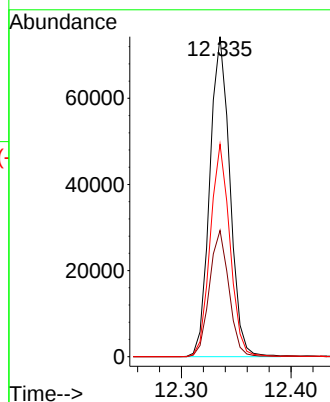
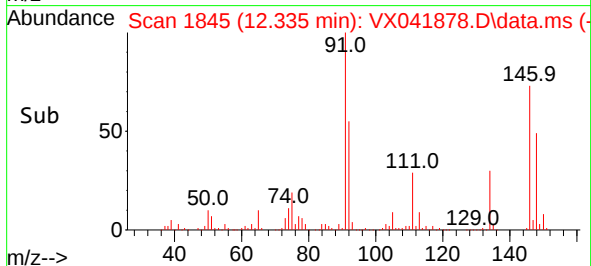
Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.3
148	64.8	32.4	97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.876 ug/l

RT: 12.945 min Scan# 1945

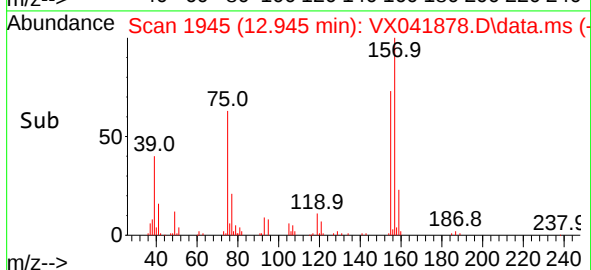
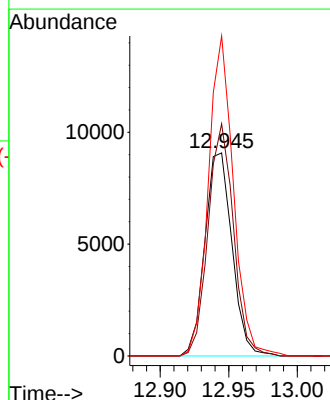
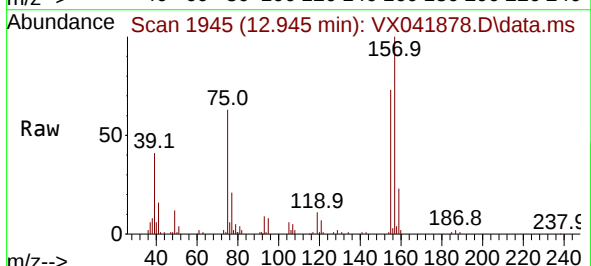
Delta R.T. 0.000 min

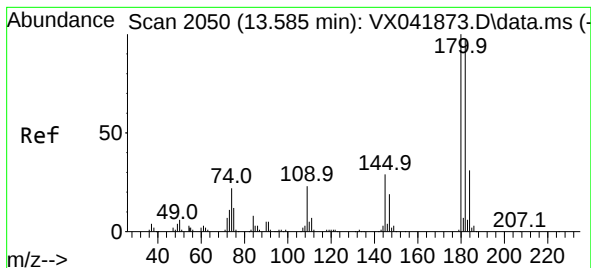
Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

Tgt Ion: 75 Resp: 12545

Ion	Ratio	Lower	Upper
75	100		
155	106.3	88.6	133.0
157	144.7	112.8	169.2





#89

1,2,4-Trichlorobenzene

Concen: 18.760 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061424

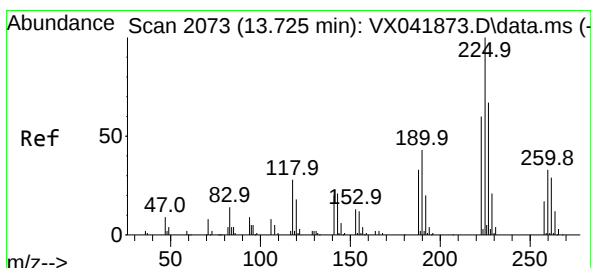
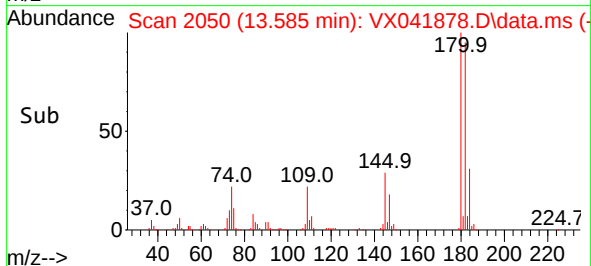
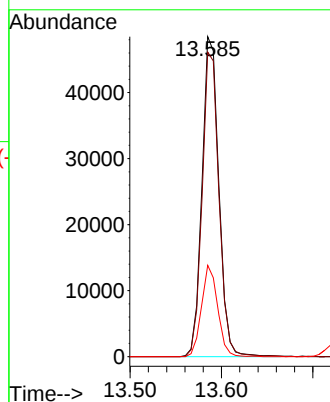
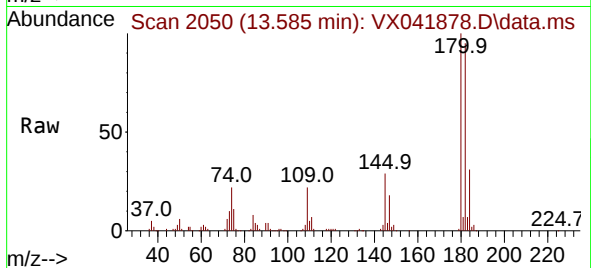
Tgt Ion:180	Resp: 6201
Ion Ratio	Lower Upper
180 100	
182 94.7	76.9 115.3
145 27.4	22.8 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#90

Hexachlorobutadiene

Concen: 19.330 ug/l

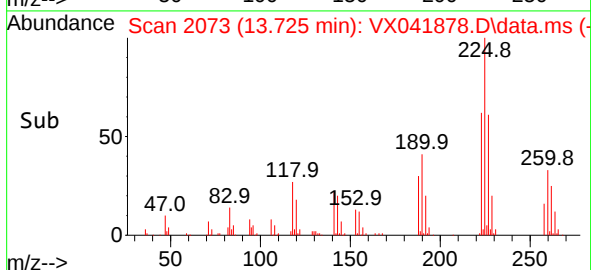
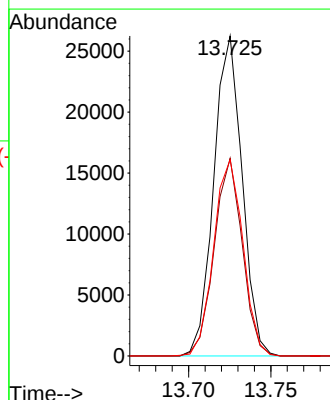
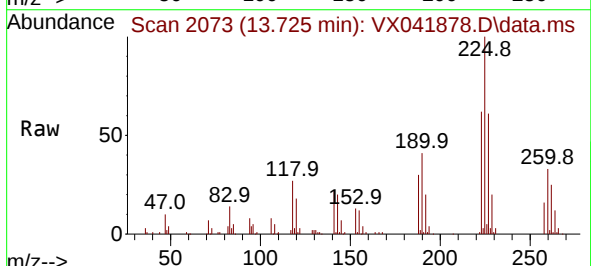
RT: 13.725 min Scan# 2073

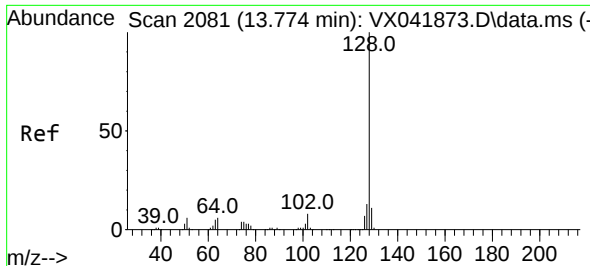
Delta R.T. 0.000 min

Lab File: VX041878.D

Acq: 14 Jun 2024 15:16

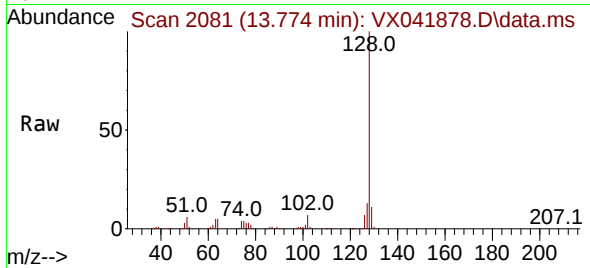
Tgt Ion:225	Resp: 31486
Ion Ratio	Lower Upper
225 100	
223 61.0	0.0 120.8
227 63.3	0.0 126.6





#91
Naphthalene
Concen: 19.162 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16

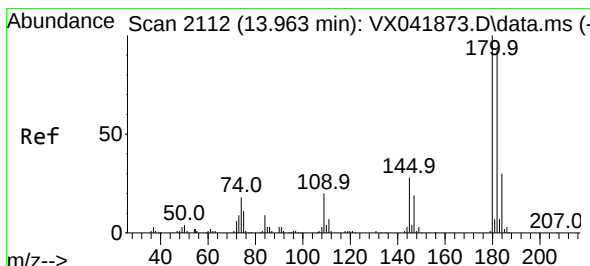
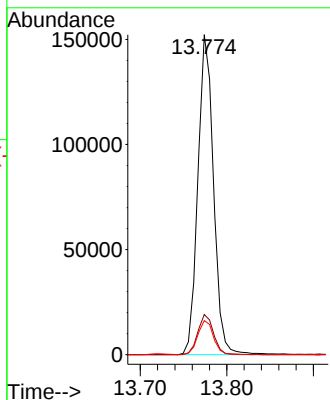
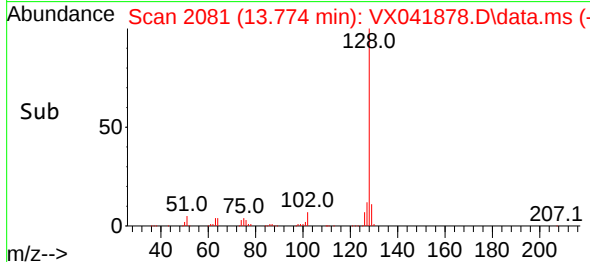
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061424



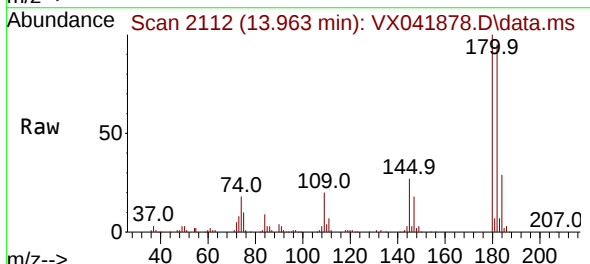
Tgt Ion:128 Resp: 19138
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.980 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041878.D
Acq: 14 Jun 2024 15:16



Tgt Ion:180 Resp: 64975
Ion Ratio Lower Upper
180 100
182 94.9 0.0 187.8
145 29.1 0.0 58.4

