

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035602.D
 Acq On : 11 May 2023 11:47
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/11/2023
 Supervised By : Mahesh Dadoda 05/12/2023

Quant Time: May 11 13:28:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:25:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	212415	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	374767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78205	21.104	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	42.200%#		
35) Dibromofluoromethane	5.385	113	53175	21.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	42.080%#		
50) Toluene-d8	8.647	98	199579	21.375	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	42.760%#		
62) 4-Bromofluorobenzene	11.079	95	79741	21.211	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	42.420%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	64671	23.361	ug/l	99
3) Chloromethane	1.295	50	71461	21.271	ug/l	99
4) Vinyl Chloride	1.374	62	64389	22.584	ug/l	98
5) Bromomethane	1.618	94	33711	21.832	ug/l	97
6) Chloroethane	1.691	64	38758	22.409	ug/l	97
7) Trichlorofluoromethane	1.886	101	96851	23.103	ug/l	97
8) Diethyl Ether	2.130	74	35765	22.158	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	57892	23.260	ug/l	96
10) Methyl Iodide	2.453	142	45791	20.571	ug/l	91
11) Tert butyl alcohol	3.002	59	74832m	114.759	ug/l	
12) 1,1-Dichloroethene	2.319	96	53241	22.507	ug/l	85
13) Acrolein	2.240	56	88776	115.637	ug/l	100
14) Allyl chloride	2.666	41	110165	21.738	ug/l	94
15) Acrylonitrile	3.069	53	159927	111.089	ug/l	98
16) Acetone	2.392	43	178390	112.006	ug/l	94
17) Carbon Disulfide	2.514	76	123376	21.611	ug/l	100
18) Methyl Acetate	2.703	43	131208	22.338	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	206184	21.904	ug/l	98
20) Methylene Chloride	2.788	84	61819	21.417	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	58000	22.376	ug/l	94
22) Diisopropyl ether	3.758	45	217696	21.940	ug/l	94
23) Vinyl Acetate	3.721	43	779604	111.043	ug/l	97
24) 1,1-Dichloroethane	3.611	63	116792	22.009	ug/l	100
25) 2-Butanone	4.562	43	245858	111.511	ug/l	98
26) 2,2-Dichloropropane	4.477	77	99077	22.047	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	68066	21.844	ug/l	94
28) Bromochloromethane	4.898	49	55373	23.199	ug/l	95
29) Tetrahydrofuran	5.007	42	153538	110.789	ug/l	99
30) Chloroform	5.093	83	119165	21.914	ug/l	96
31) Cyclohexane	5.471	56	106774	22.806	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	104047	21.991	ug/l	99
36) 1,1-Dichloropropene	5.690	75	89928	22.542	ug/l	97
37) Ethyl Acetate	4.715	43	92584	22.250	ug/l	99
38) Carbon Tetrachloride	5.678	117	84544	22.371	ug/l	97
39) Methylcyclohexane	7.379	83	107011	22.787	ug/l	93
40) Benzene	6.038	78	249148	22.324	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53345	21.592	ug/l	96
42) 1,2-Dichloroethane	6.086	62	104900	21.850	ug/l	97
43) Isopropyl Acetate	6.336	43	157606	21.721	ug/l	99
44) Trichloroethene	7.129	130	61426	21.706	ug/l	94
45) 1,2-Dichloropropane	7.428	63	65987	22.324	ug/l	97
46) Dibromomethane	7.580	93	44483	21.986	ug/l	94
47) Bromodichloromethane	7.824	83	85871	21.958	ug/l	97
48) Methyl methacrylate	7.690	41	78758	21.994	ug/l	96
49) 1,4-Dioxane	7.714	88	33377	438.232	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	475713	113.800	ug/l	98
52) Toluene	8.720	92	153909	21.847	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	93578	22.025	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	100367	22.048	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	60539	21.879	ug/l	97
56) Ethyl methacrylate	9.116	69	97094	21.668	ug/l	96
57) 1,3-Dichloropropane	9.305	76	109899	21.909	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	262085	114.974	ug/l	100
59) 2-Hexanone	9.427	43	362272	115.075	ug/l	97
60) Dibromochloromethane	9.519	129	56716	21.503	ug/l	99
61) 1,2-Dibromoethane	9.610	107	63878	21.911	ug/l	99
64) Tetrachloroethene	9.275	164	49521	22.189	ug/l	94
65) Chlorobenzene	10.080	112	160368	22.162	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	56088	21.921	ug/l	99
67) Ethyl Benzene	10.195	91	302988	22.263	ug/l	98
68) m/p-Xylenes	10.299	106	224560	44.640	ug/l	95
69) o-Xylene	10.640	106	109650	21.966	ug/l	92
70) Styrene	10.653	104	177846	22.106	ug/l	97
71) Bromoform	10.799	173	34400	20.434	ug/l	99
73) Isopropylbenzene	10.964	105	292929	22.664	ug/l	99
74) N-amyl acetate	10.842	43	132505	21.988	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	94160	22.458	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	91156m	24.810	ug/l	
77) Bromobenzene	11.195	156	64184	21.879	ug/l	92
78) n-propylbenzene	11.305	91	346174	22.785	ug/l	98
79) 2-Chlorotoluene	11.360	91	210265	22.105	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	249486	22.711	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24121	20.720	ug/l #	85
82) 4-Chlorotoluene	11.451	91	247586	22.601	ug/l	96
83) tert-Butylbenzene	11.713	119	238498	22.336	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	246557	22.353	ug/l	97
85) sec-Butylbenzene	11.890	105	303533	22.640	ug/l	99
86) p-Isopropyltoluene	12.006	119	250250	22.704	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	122447	21.972	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	122950	21.849	ug/l	98
89) n-Butylbenzene	12.329	91	223351	22.276	ug/l	98
90) Hexachloroethane	12.536	117	35389	21.183	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	120181	22.022	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20445	21.898	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	74015	22.525	ug/l	98
94) Hexachlorobutadiene	13.725	225	28999	22.234	ug/l	97
95) Naphthalene	13.774	128	257981	22.926	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71576	22.148	ug/l	98

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

Manual Integrations

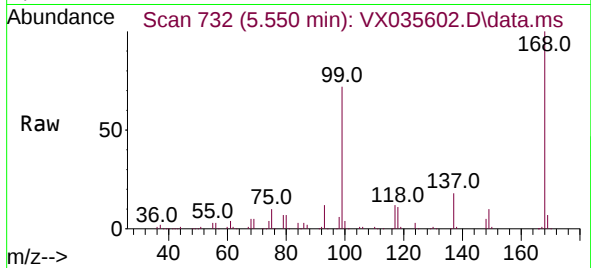
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035602.D
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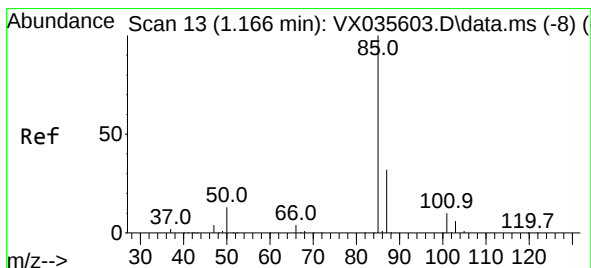
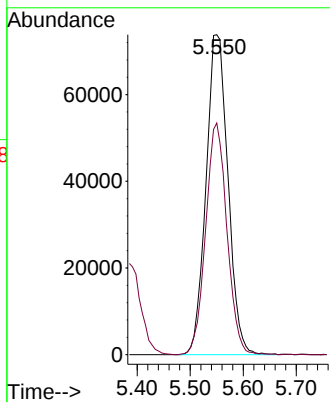
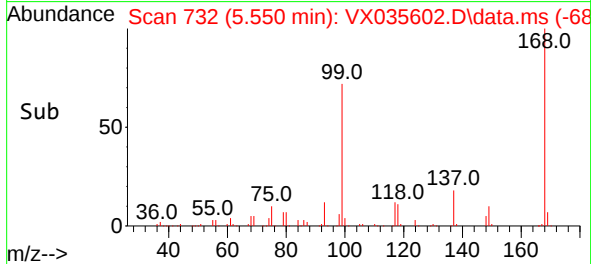
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



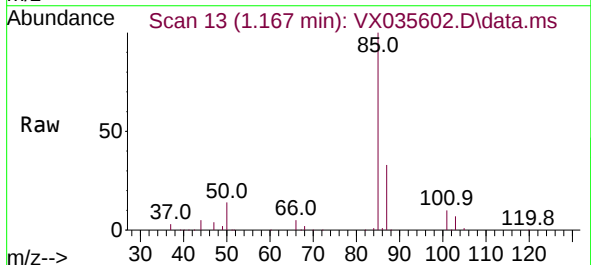
Tgt Ion:168 Resp: 212415
Ion Ratio Lower Upper
168 100
99 72.4 45.7 68.5

Manual Integrations
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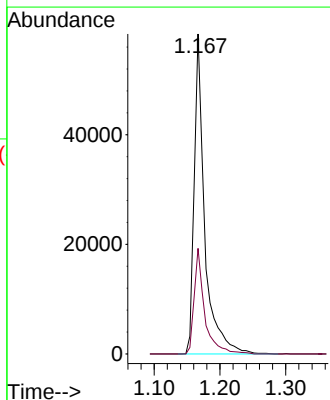
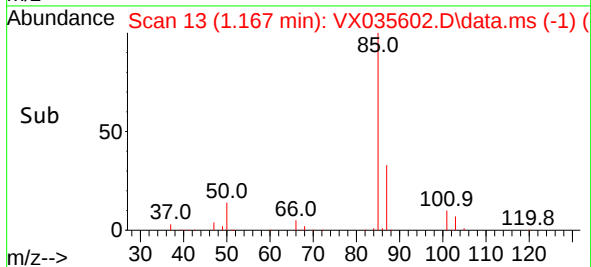
Reviewed By :John Carlone 05/11/2023
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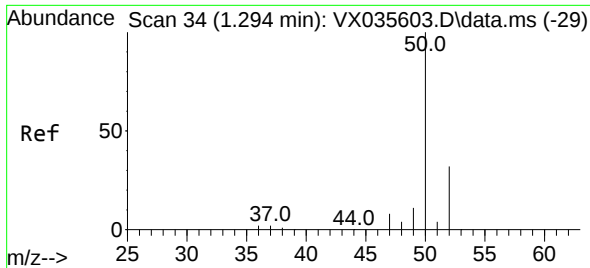


#2
Dichlorodifluoromethane
Concen: 23.361 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47



Tgt Ion: 85 Resp: 64671
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.1





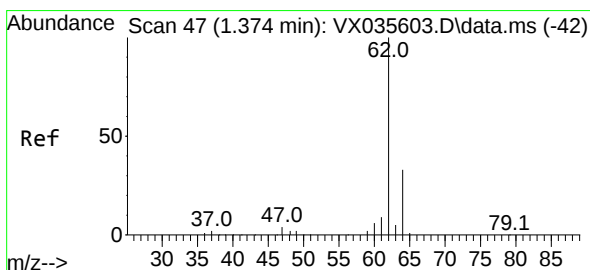
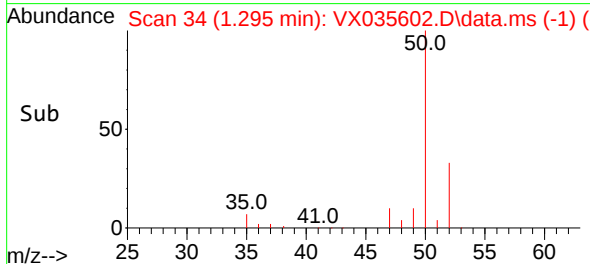
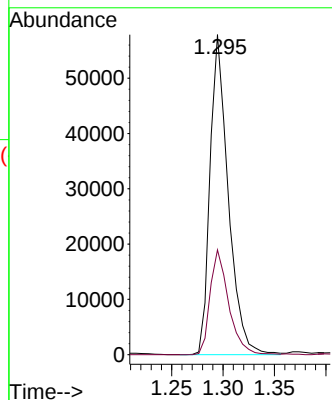
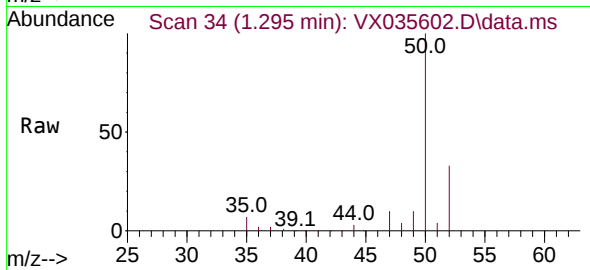
#3
Chloromethane
Concen: 21.271 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :
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Tgt Ion: 50 Resp: 7146
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9

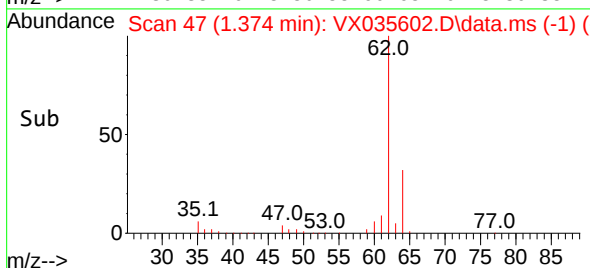
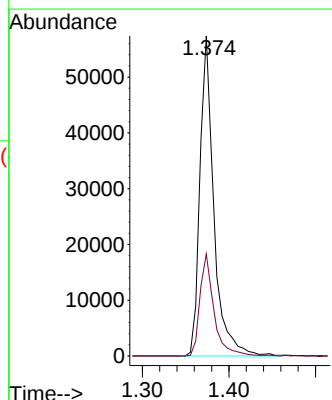
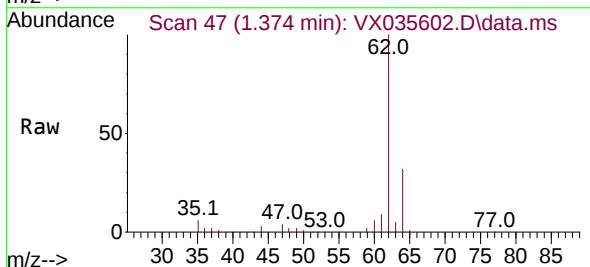
Manual Integrations
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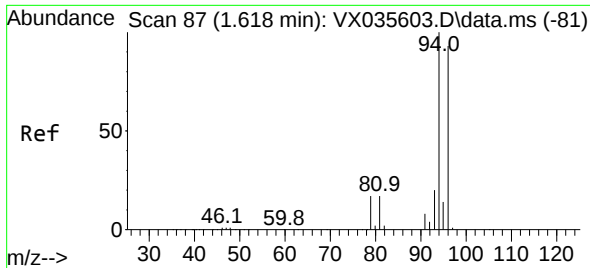
Reviewed By :John Carlone 05/11/2023
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#4
Vinyl Chloride
Concen: 22.584 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

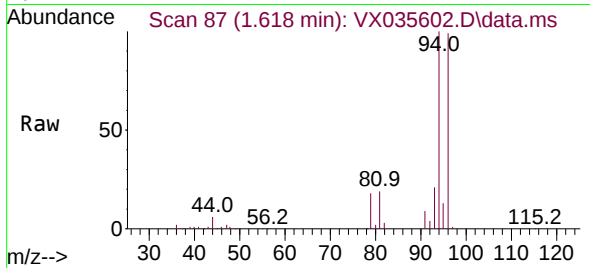
Tgt Ion: 62 Resp: 64389
Ion Ratio Lower Upper
62 100
64 31.9 26.4 39.6





#5
Bromomethane
Concen: 21.832 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

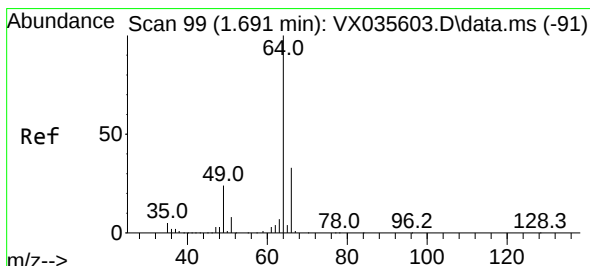
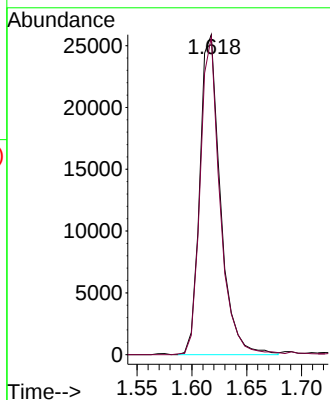
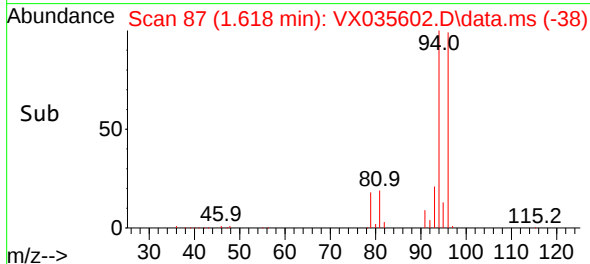
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 94 Resp: 3371
Ion Ratio Lower Upper
94 100
96 99.1 77.0 115.6

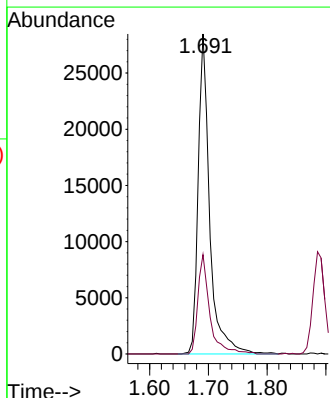
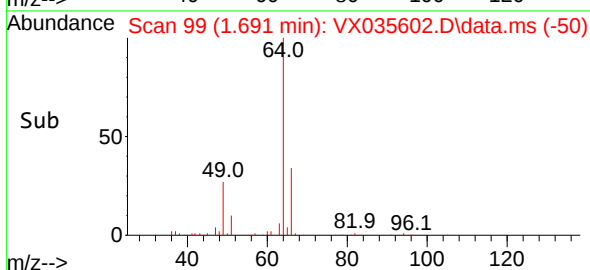
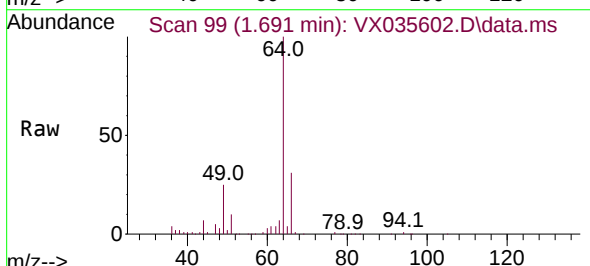
Manual Integrations
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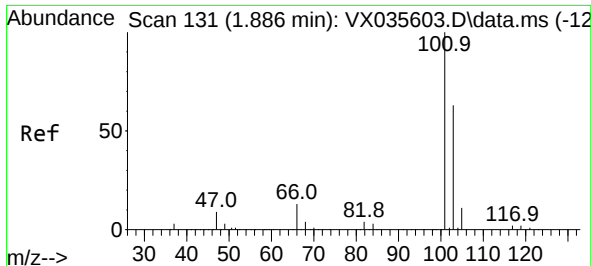
Reviewed By :John Carlone 05/11/2023
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#6
Chloroethane
Concen: 22.409 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035602.D
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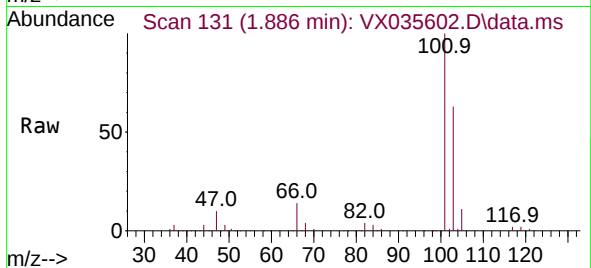
Tgt Ion: 64 Resp: 38758
Ion Ratio Lower Upper
64 100
66 31.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 23.103 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX035602.D
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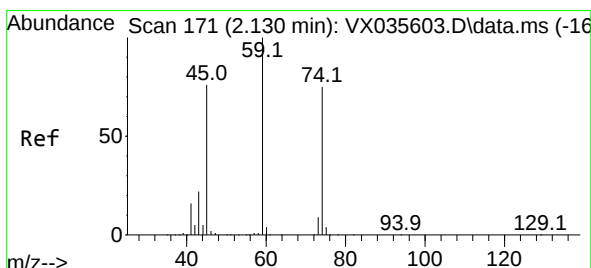
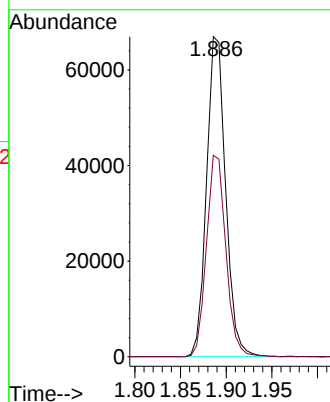
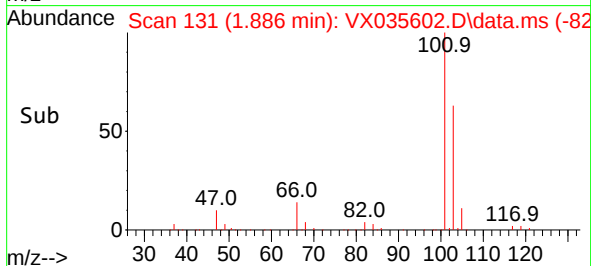
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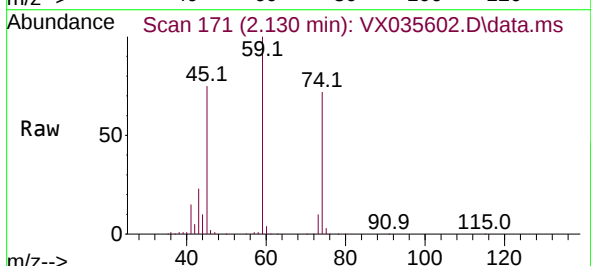
Tgt Ion:101 Resp: 9685
Ion Ratio Lower Upper
101 100
103 63.0 52.0 78.0

Manual Integrations
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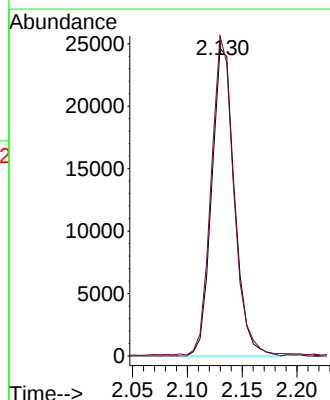
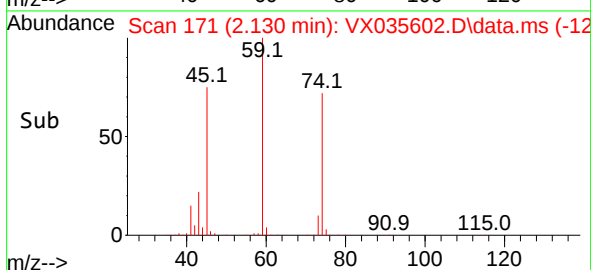
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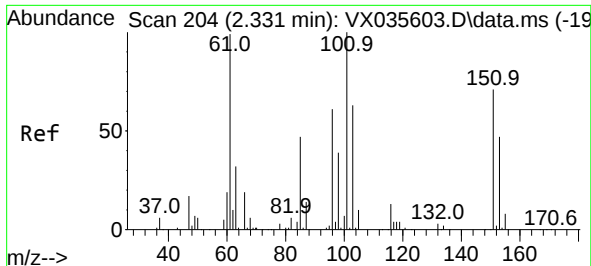


#8
Diethyl Ether
Concen: 22.158 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 35765
Ion Ratio Lower Upper
74 100
45 105.0 49.8 149.3





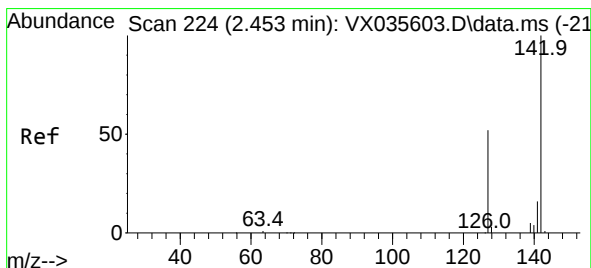
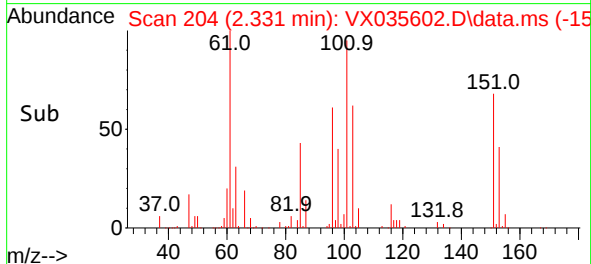
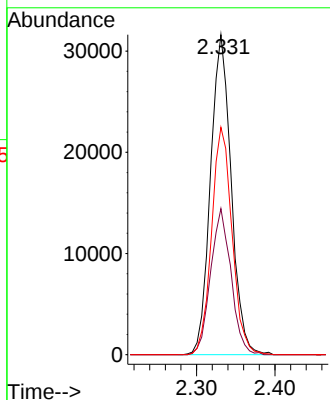
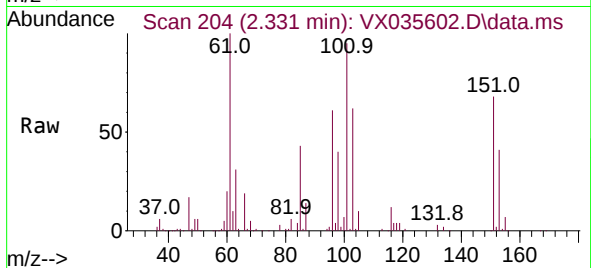
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.260 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 5789
Ion Ratio Lower Upper
101 100
85 45.0 35.4 53.2
151 70.5 60.2 90.4

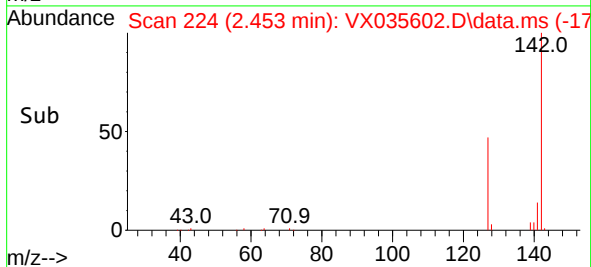
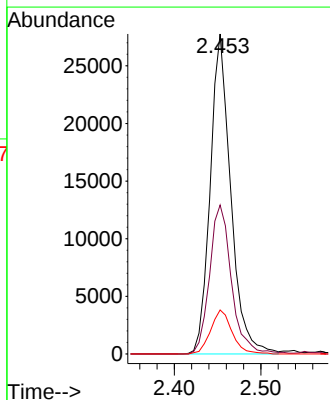
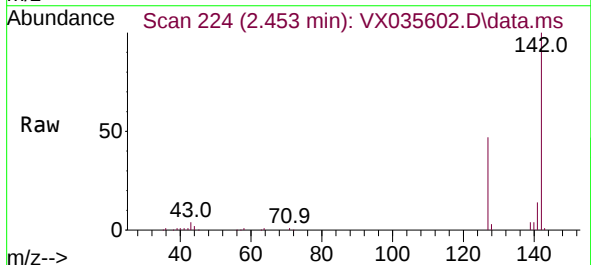
Manual Integrations
APPROVED

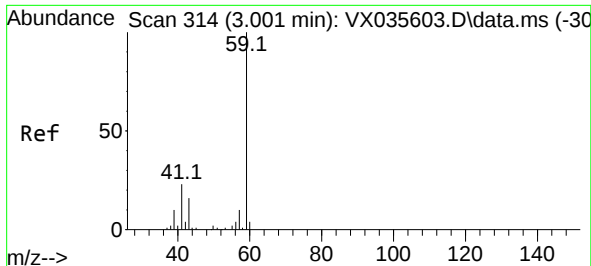
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#10
Methyl Iodide
Concen: 20.571 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

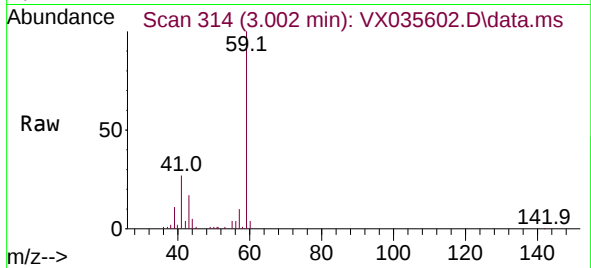
Tgt Ion:142 Resp: 45791
Ion Ratio Lower Upper
142 100
127 49.7 34.0 51.0
141 14.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 114.759 ug/l m
RT: 3.002 min Scan# 314
Delta R.T. 0.001 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

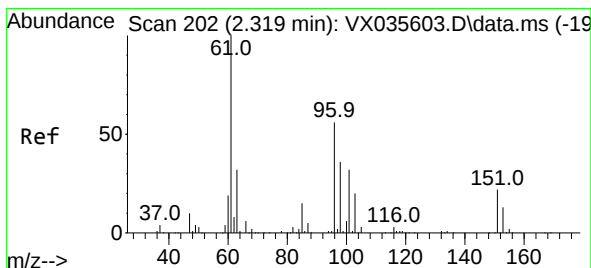
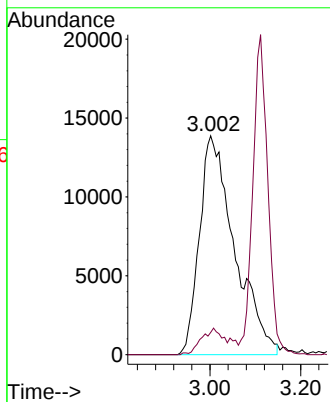
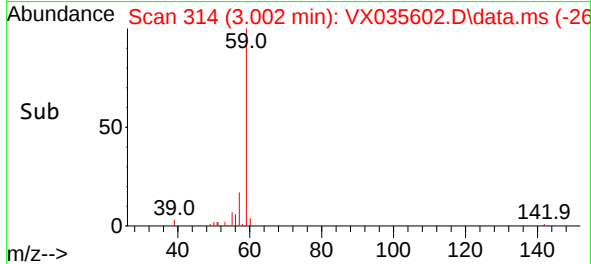
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 59 Resp: 7483
Ion Ratio Lower Upper
59 100
57 7.3 8.1 12.1

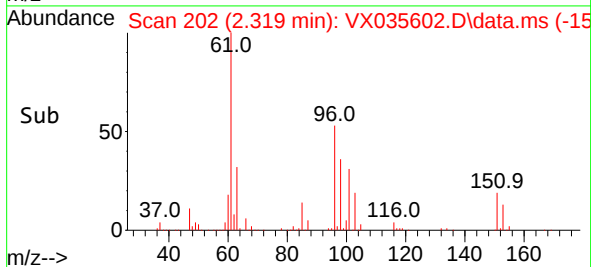
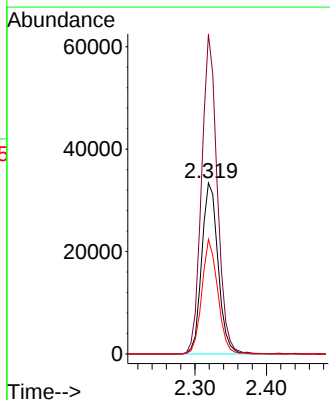
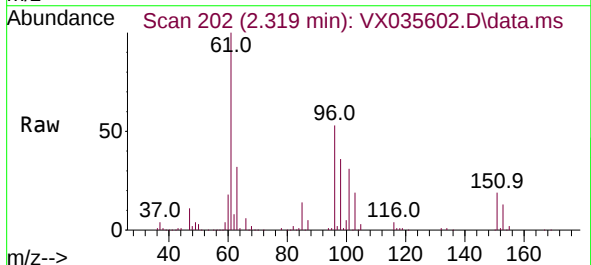
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#12
1,1-Dichloroethene
Concen: 22.507 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Tgt Ion: 96 Resp: 53241
Ion Ratio Lower Upper
96 100
61 187.1 128.8 193.2
98 67.1 51.4 77.0





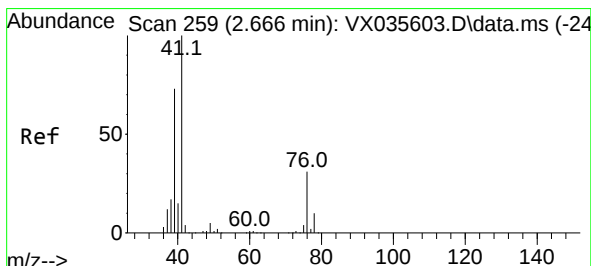
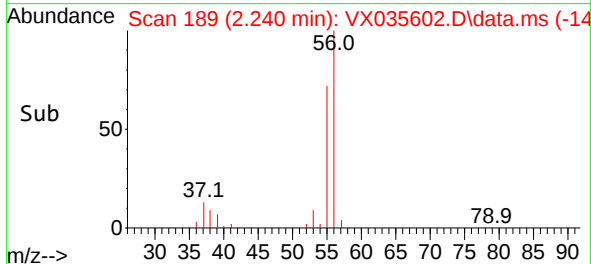
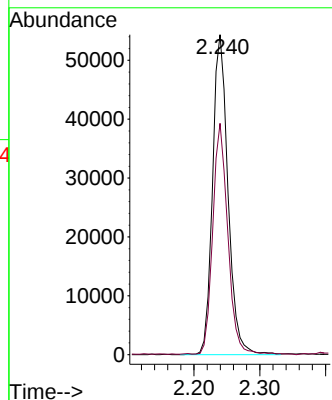
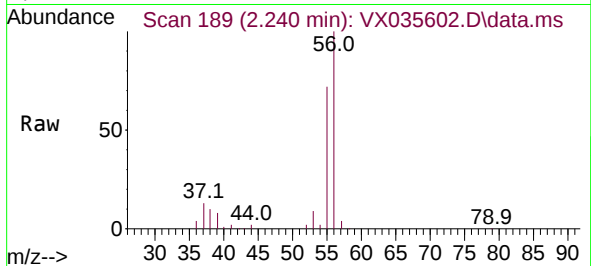
#13
Acrolein
Concen: 115.637 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 88776
Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0

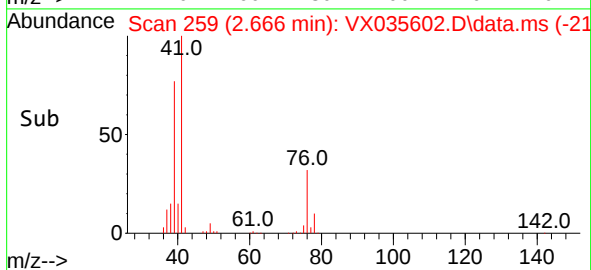
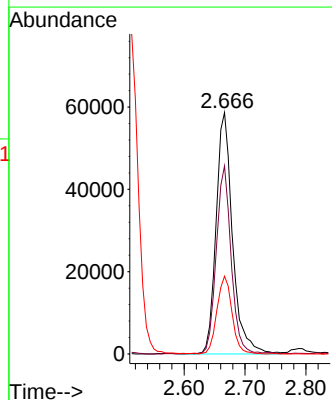
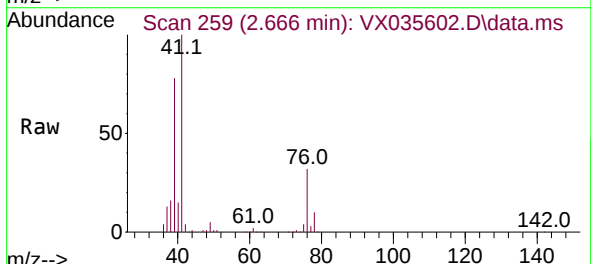
Manual Integrations
APPROVED

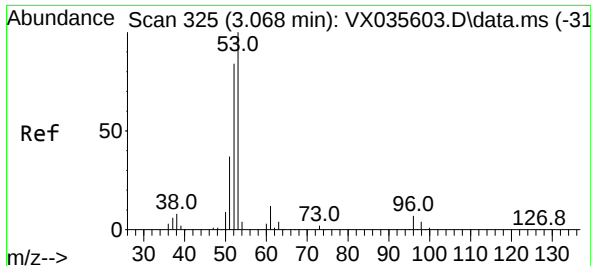
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#14
Allyl chloride
Concen: 21.738 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Tgt Ion: 41 Resp: 110165
Ion Ratio Lower Upper
41 100
39 70.8 52.4 78.6
76 29.5 26.0 39.0





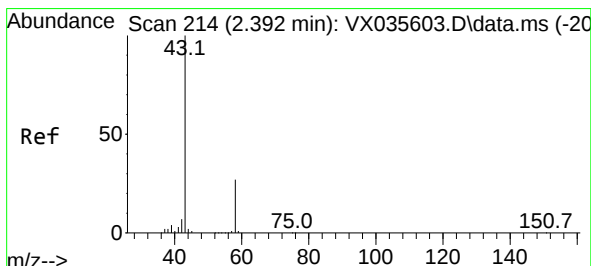
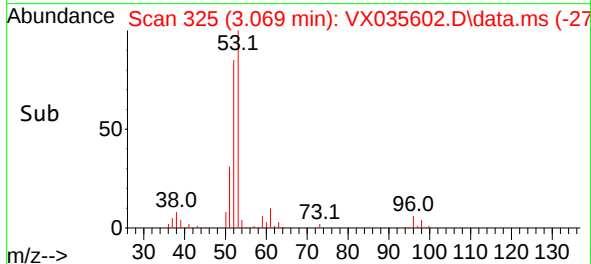
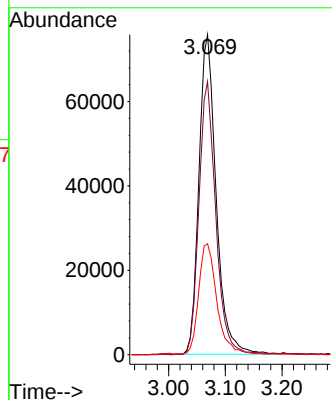
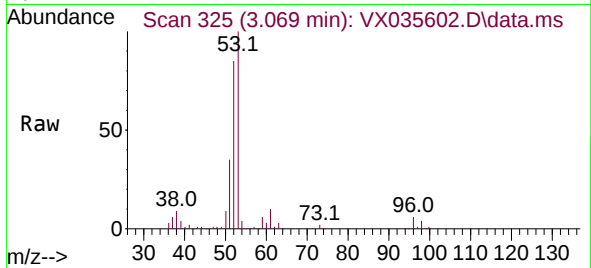
#15
Acrylonitrile
Concen: 111.089 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 15992
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 36.5 28.3 42.5

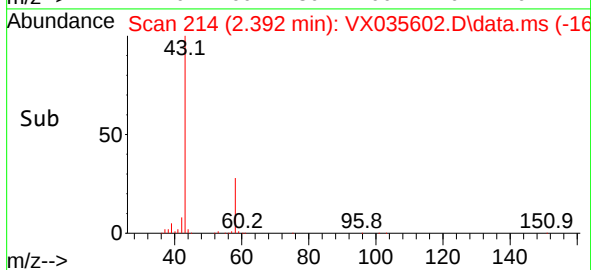
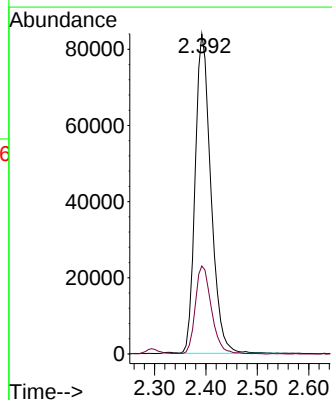
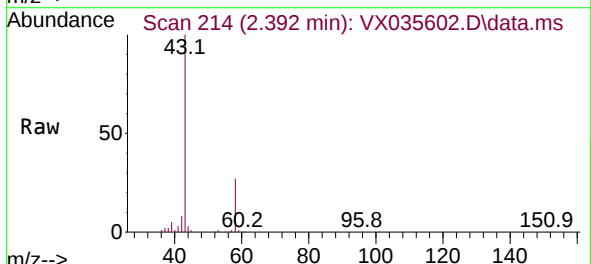
Manual Integrations
APPROVED

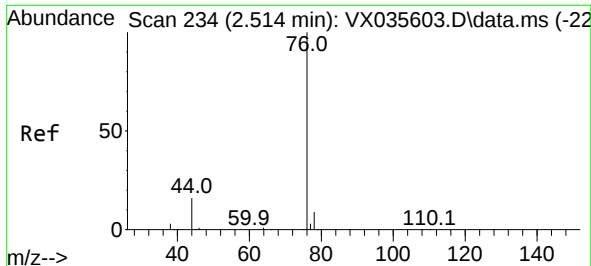
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#16
Acetone
Concen: 112.006 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Tgt Ion: 43 Resp: 178390
Ion Ratio Lower Upper
43 100
58 27.4 24.7 37.1





#17

Carbon Disulfide

Concen: 21.611 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 123370

Ion Ratio Lower Upper

76 100

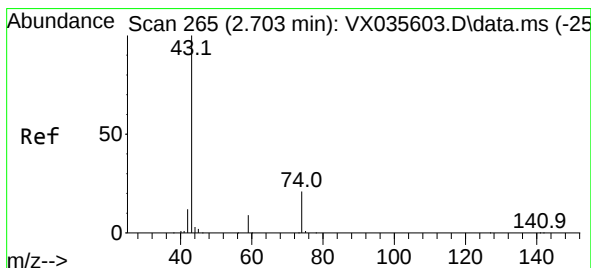
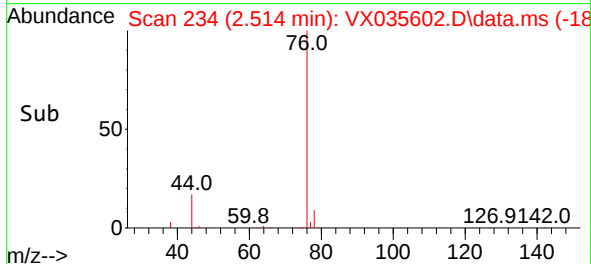
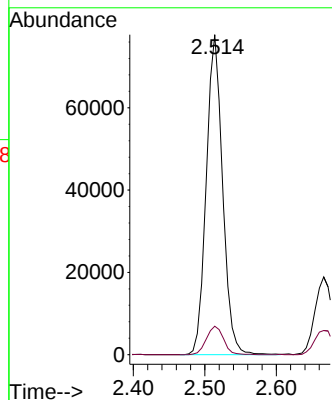
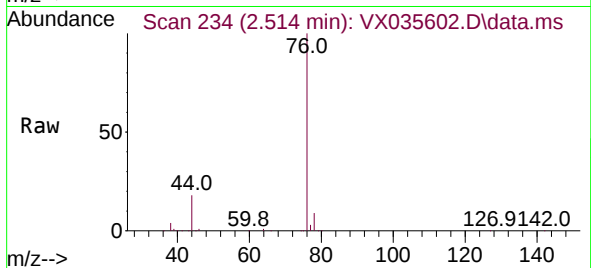
78 8.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#18

Methyl Acetate

Concen: 22.338 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX035602.D

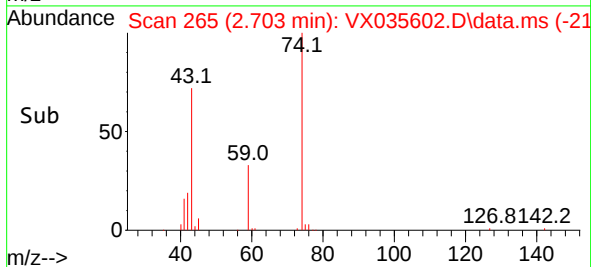
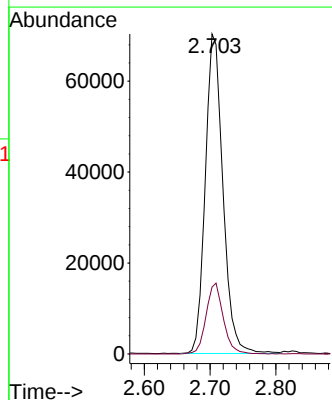
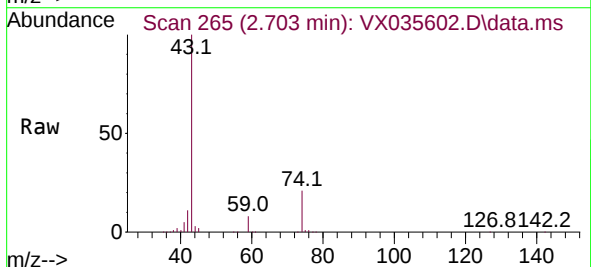
Acq: 11 May 2023 11:47

Tgt Ion: 43 Resp: 131208

Ion Ratio Lower Upper

43 100

74 21.6 18.3 27.5





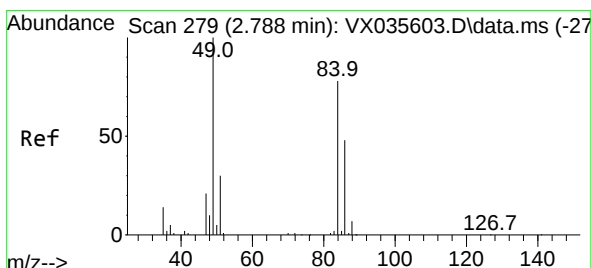
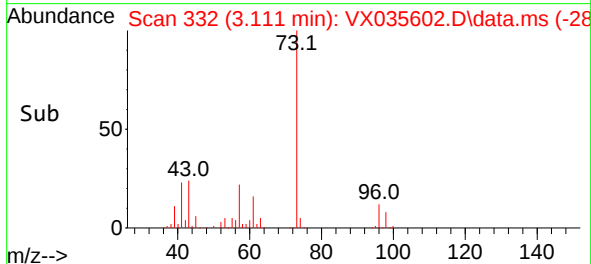
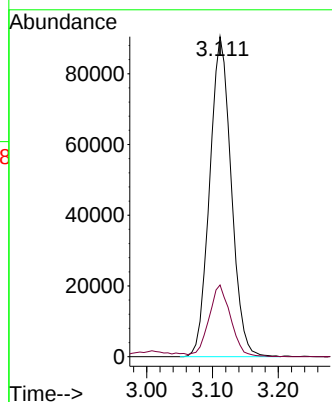
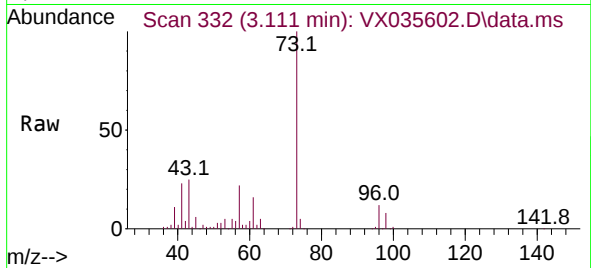
#19
Methyl tert-butyl Ether
Concen: 21.904 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 206184
Ion Ratio Lower Upper
73 100
57 22.4 18.5 27.7

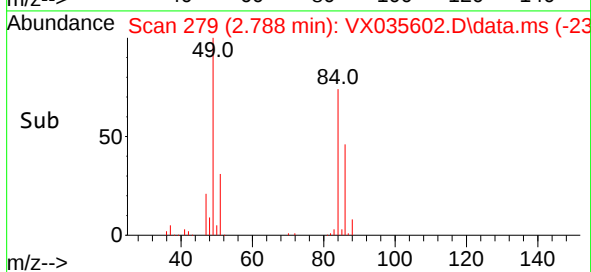
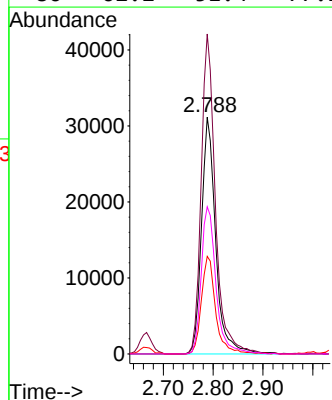
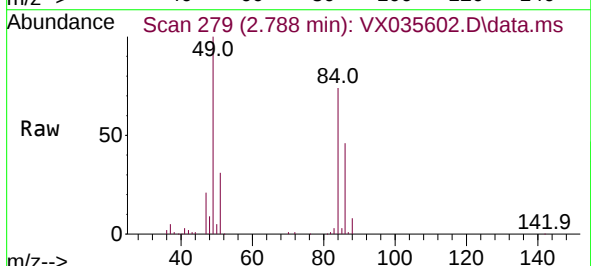
Manual Integrations
APPROVED

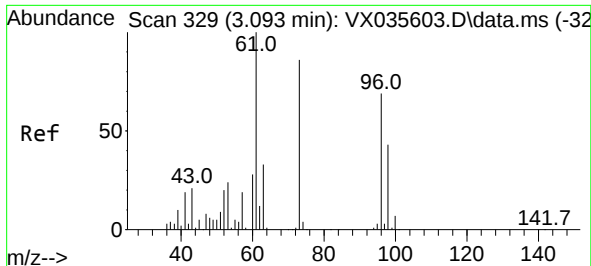
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#20
Methylene Chloride
Concen: 21.417 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

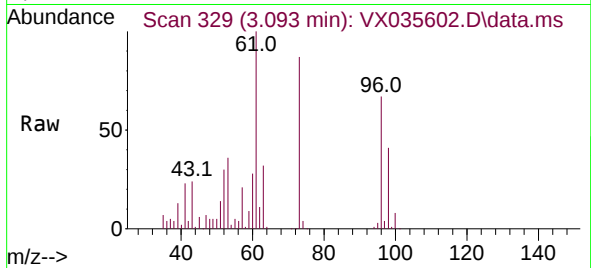
Tgt Ion: 84 Resp: 61819
Ion Ratio Lower Upper
84 100
49 135.1 103.8 155.8
51 41.2 31.8 47.8
86 62.2 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 22.376 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

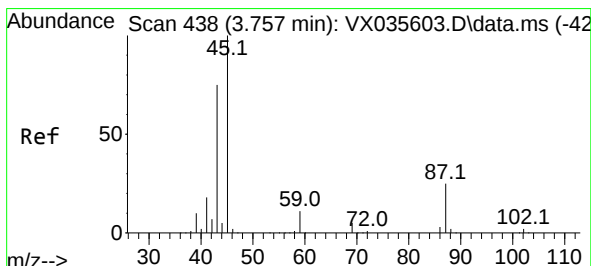
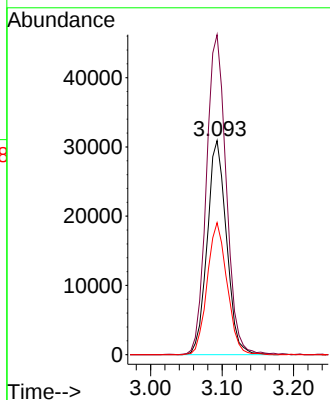
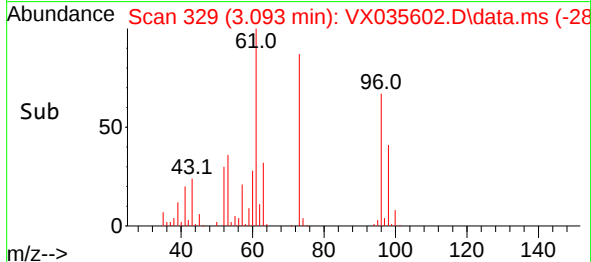
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 58000
Ion Ratio Lower Upper
96 100
61 149.5 113.0 169.6
98 61.6 52.1 78.1

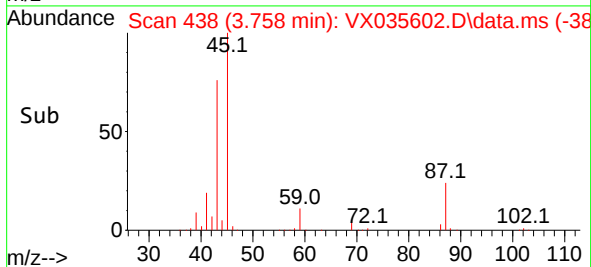
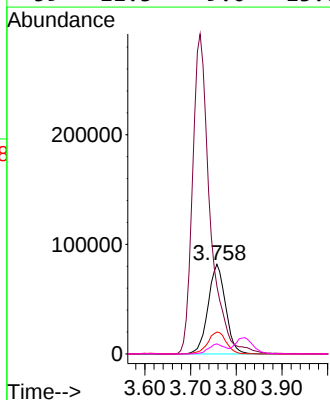
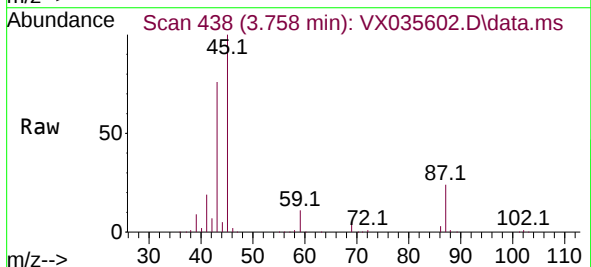
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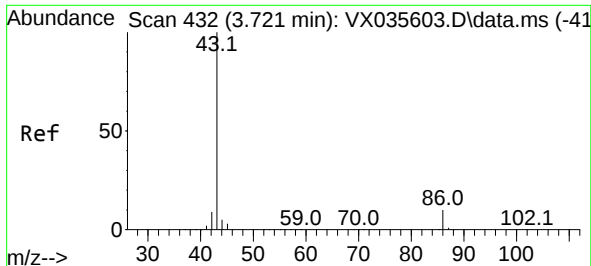
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#22
Diisopropyl ether
Concen: 21.940 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.001 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Tgt Ion: 45 Resp: 217696
Ion Ratio Lower Upper
45 100
43 74.9 65.4 98.2
87 24.5 20.6 31.0
59 11.3 9.0 13.6





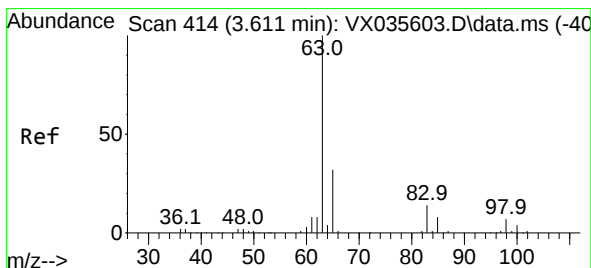
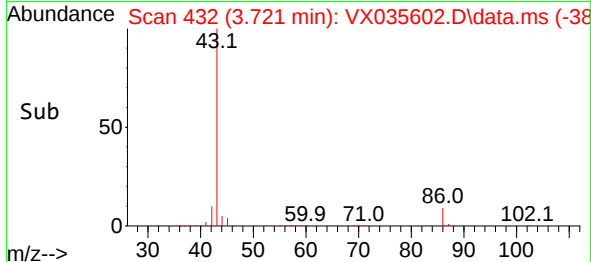
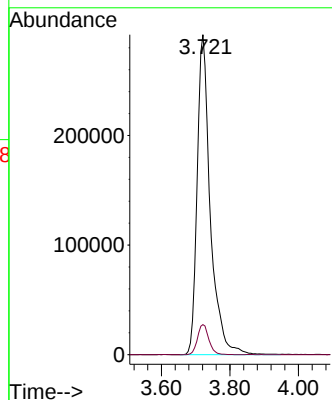
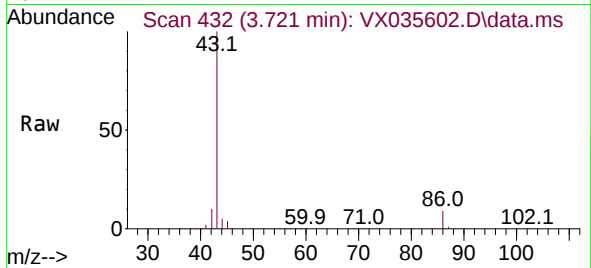
#23
 Vinyl Acetate
 Concen: 111.043 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035602.D
 Acq: 11 May 2023 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 779604
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.5 12.7

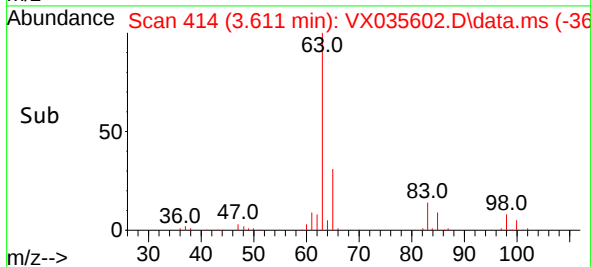
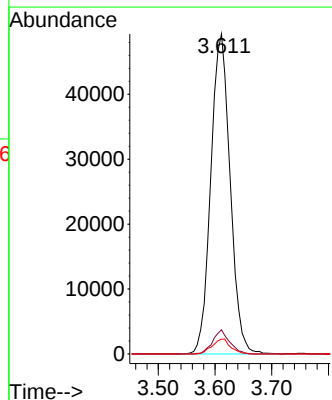
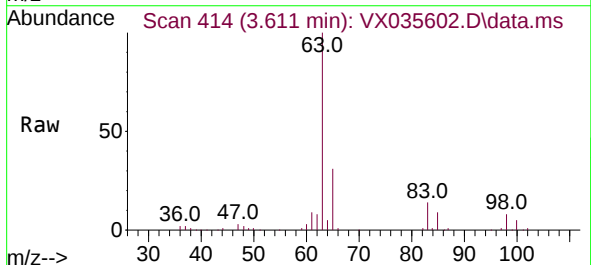
Manual Integrations
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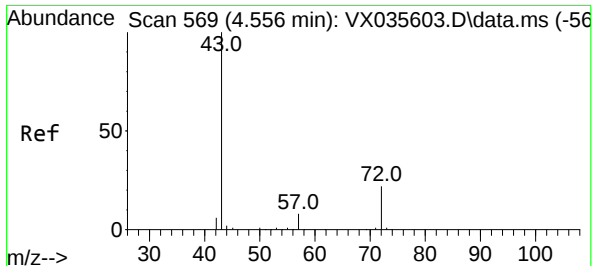
Reviewed By :John Carlone 05/11/2023
 Supervised By :Mahesh Dadoda 05/12/2023



#24
 1,1-Dichloroethane
 Concen: 22.009 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035602.D
 Acq: 11 May 2023 11:47

Tgt Ion: 63 Resp: 116792
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.2
 100 4.6 2.4 7.1





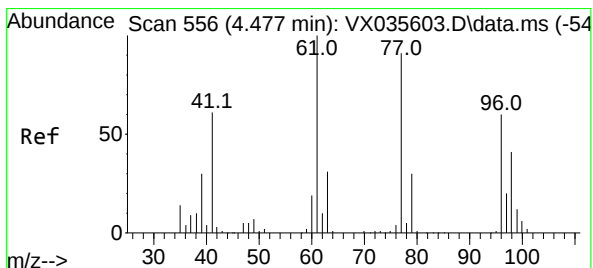
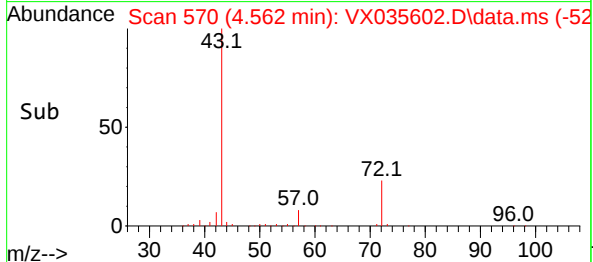
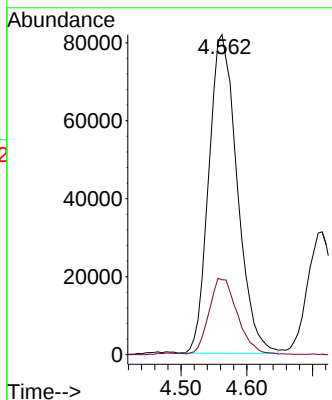
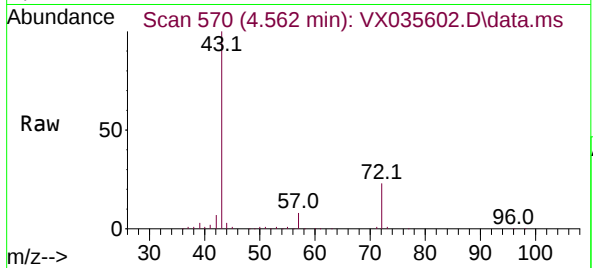
#25
2-Butanone
Concen: 111.511 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 245858
Ion Ratio Lower Upper
43 100
72 23.3 19.3 28.9

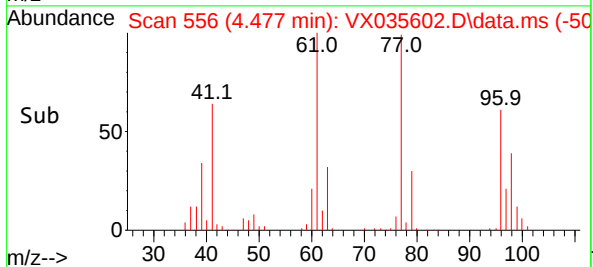
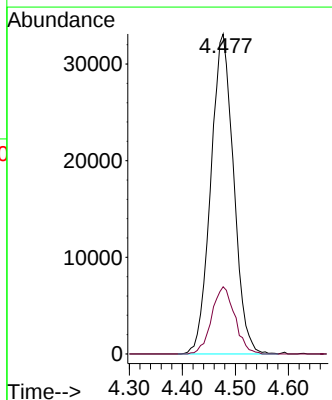
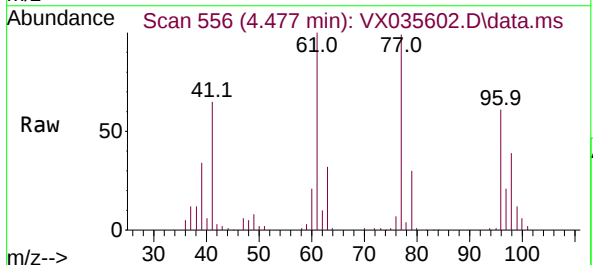
Manual Integrations
APPROVED

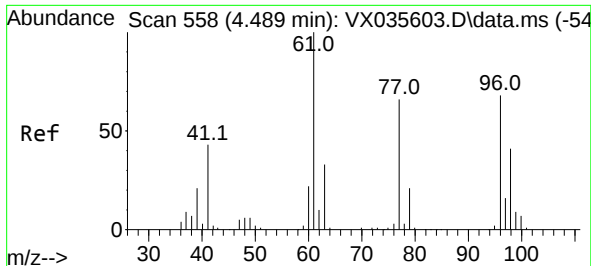
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#26
2,2-Dichloropropane
Concen: 22.047 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Tgt Ion: 77 Resp: 99077
Ion Ratio Lower Upper
77 100
97 21.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.844 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 6806

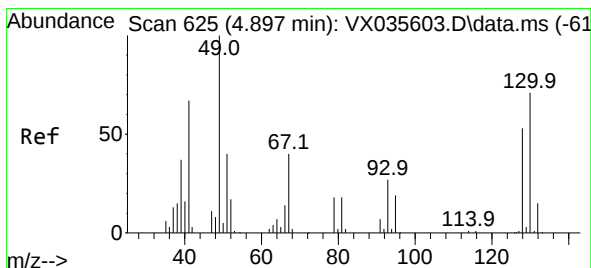
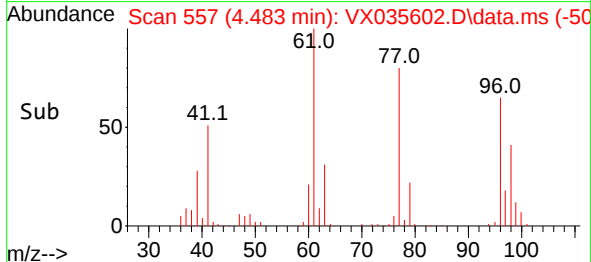
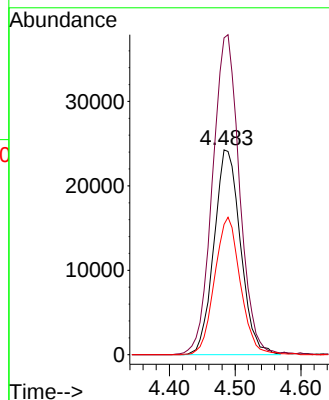
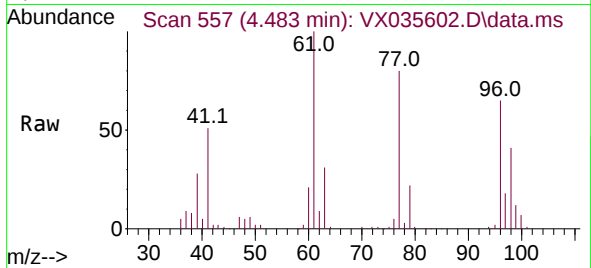
Ion	Ratio	Lower	Upper
96	100		
61	159.6	0.0	300.4
98	65.4	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#28

Bromochloromethane

Concen: 23.199 ug/l

RT: 4.898 min Scan# 625

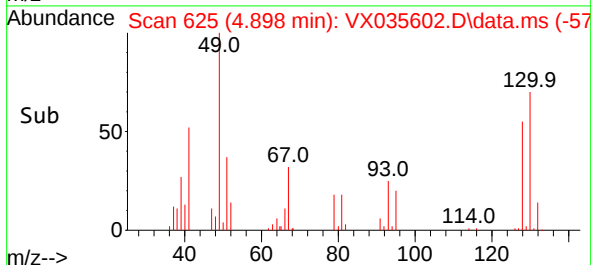
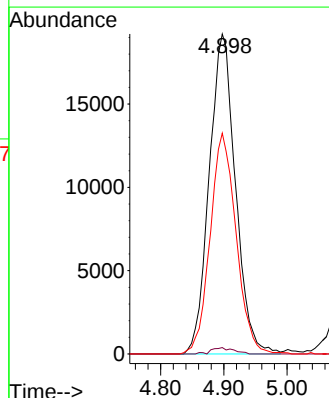
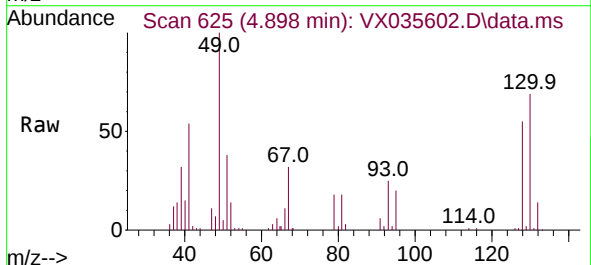
Delta R.T. 0.001 min

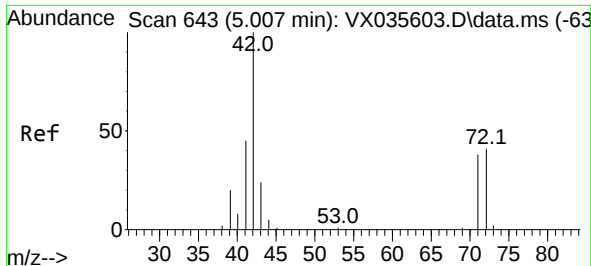
Lab File: VX035602.D

Acq: 11 May 2023 11:47

Tgt Ion: 49 Resp: 55373

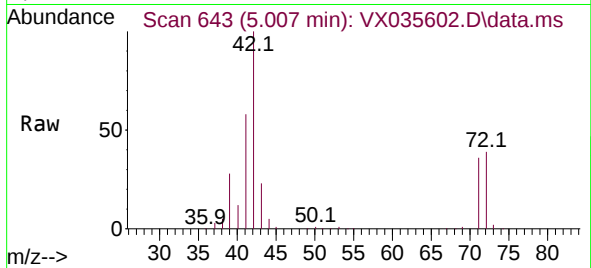
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	68.4	58.2	87.2





#29
Tetrahydrofuran
Concen: 110.789 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

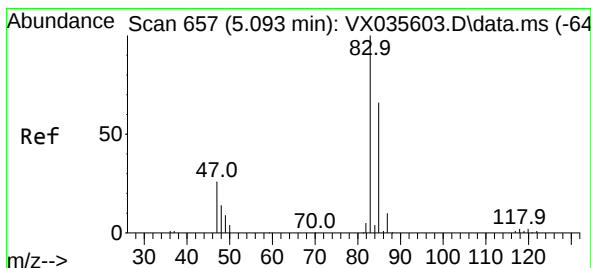
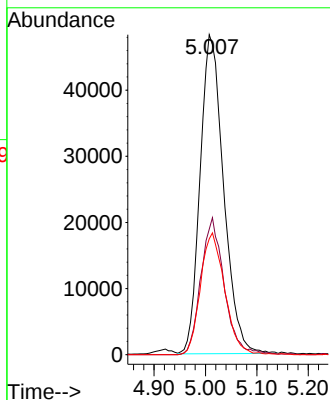
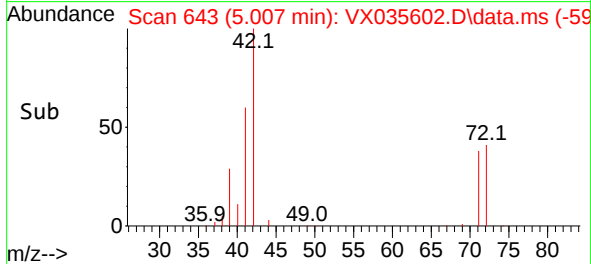
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 42 Resp: 153538
Ion Ratio Lower Upper
42 100
72 42.4 34.5 51.7
71 39.3 32.1 48.1

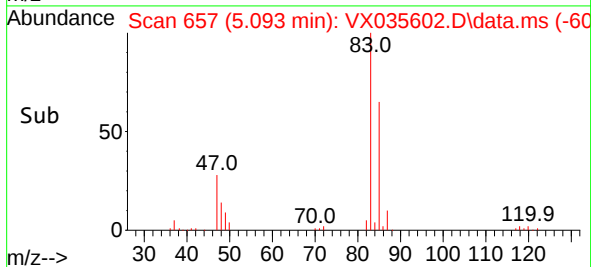
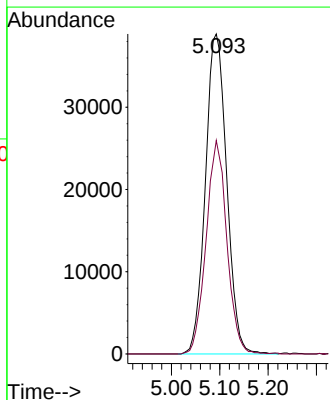
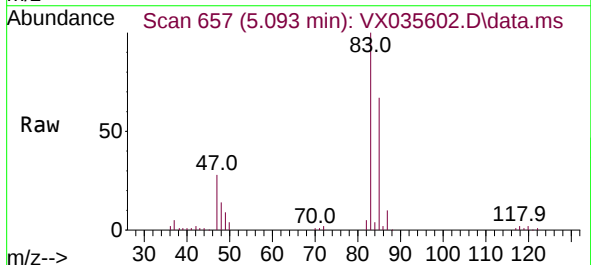
Manual Integrations
APPROVED

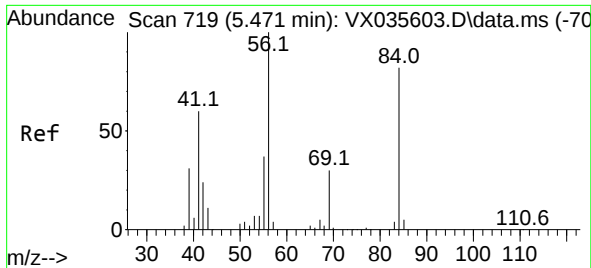
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#30
Chloroform
Concen: 21.914 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

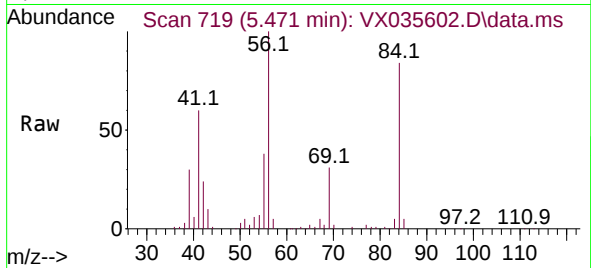
Tgt Ion: 83 Resp: 119165
Ion Ratio Lower Upper
83 100
85 66.7 50.6 76.0





#31
Cyclohexane
Concen: 22.806 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

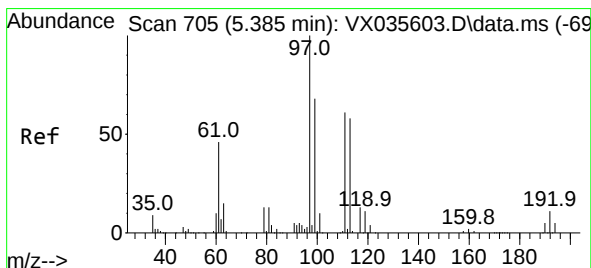
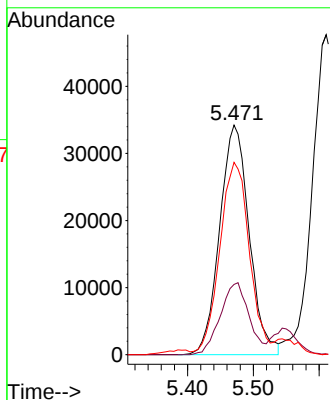
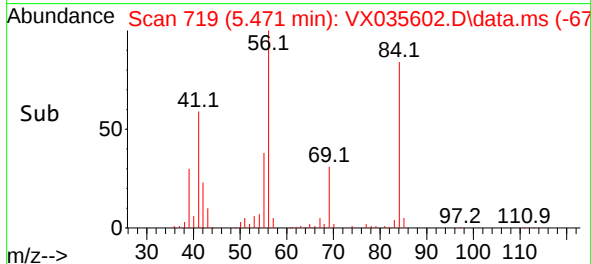
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 106774
Ion Ratio Lower Upper
56 100
69 30.6 23.7 35.5
84 81.7 68.5 102.7

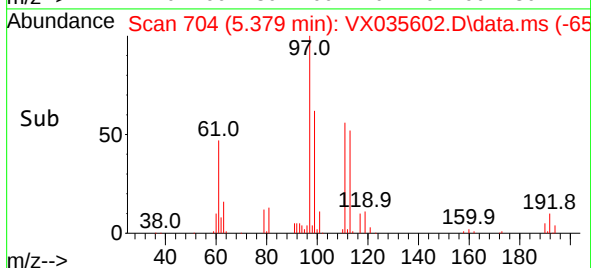
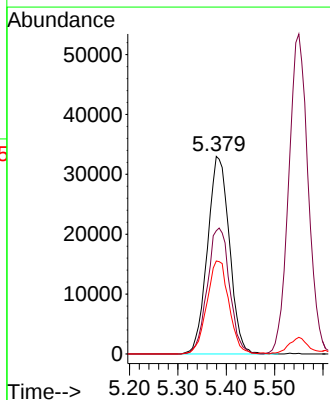
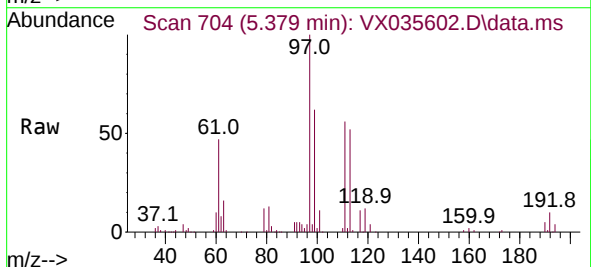
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#32
1,1,1-Trichloroethane
Concen: 21.991 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Tgt Ion: 97 Resp: 104047
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 47.2 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 21.104 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 7820

Ion Ratio Lower Upper

65 100

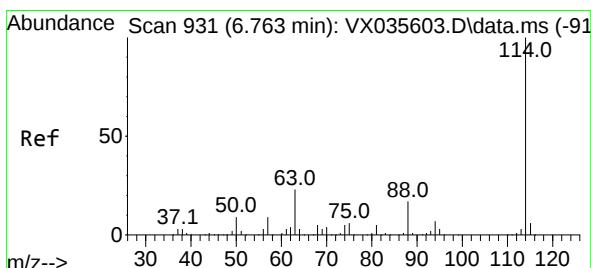
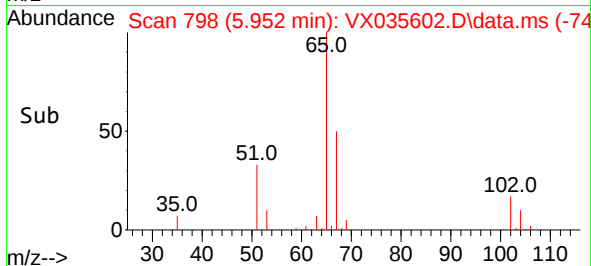
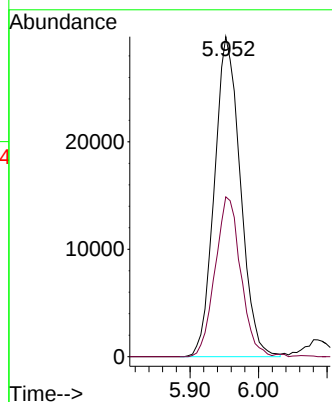
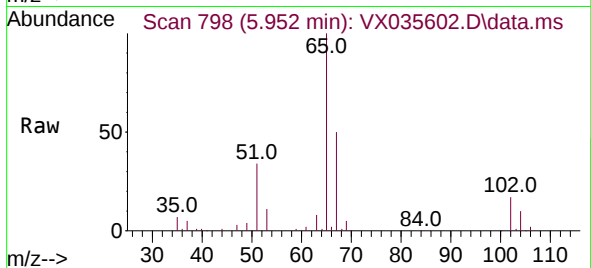
67 49.3 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

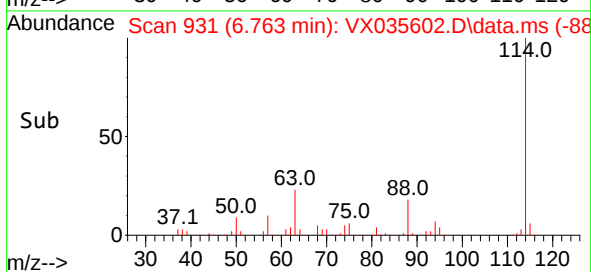
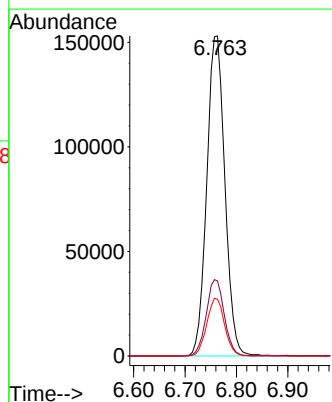
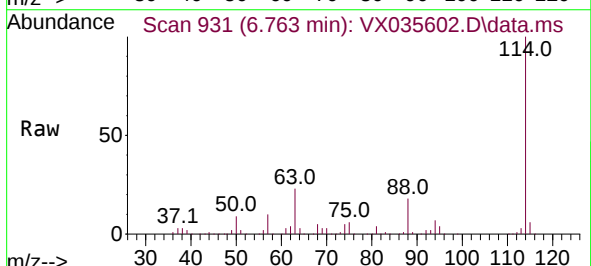
Tgt Ion:114 Resp: 374767

Ion Ratio Lower Upper

114 100

63 23.5 0.0 42.2

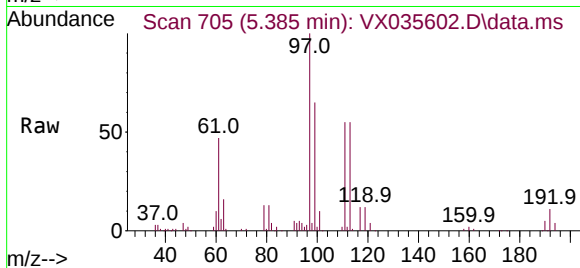
88 17.7 0.0 33.2





#35
Dibromofluoromethane
Concen: 21.039 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

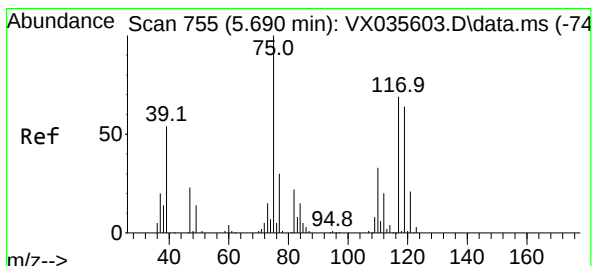
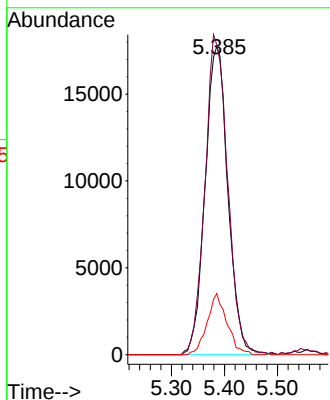
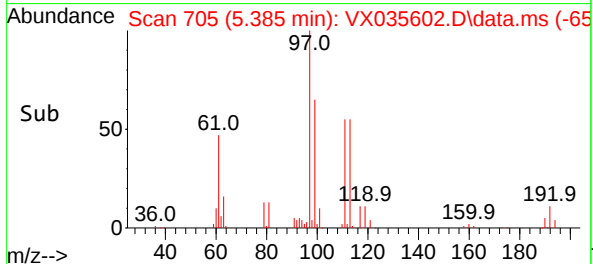
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 113 Resp: 5317
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 17.2 15.4 23.2

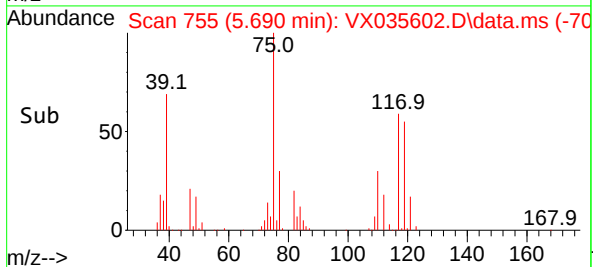
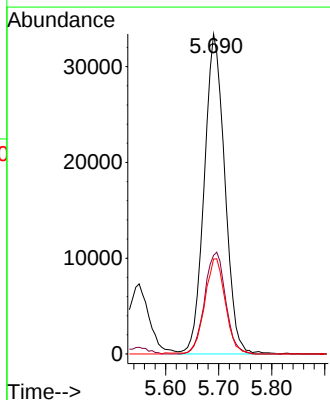
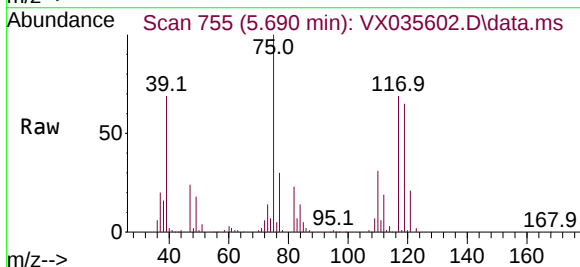
Manual Integrations
APPROVED

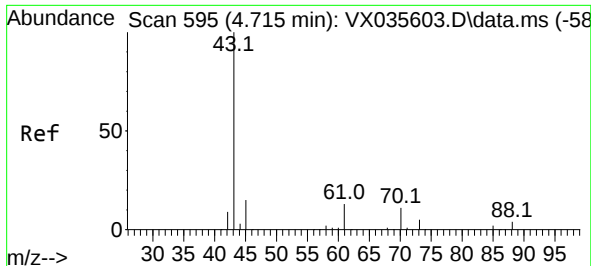
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#36
1,1-Dichloropropene
Concen: 22.542 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Tgt Ion: 75 Resp: 89928
Ion Ratio Lower Upper
75 100
110 32.3 17.5 52.5
77 29.7 24.3 36.5





#37

Ethyl Acetate

Concen: 22.250 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

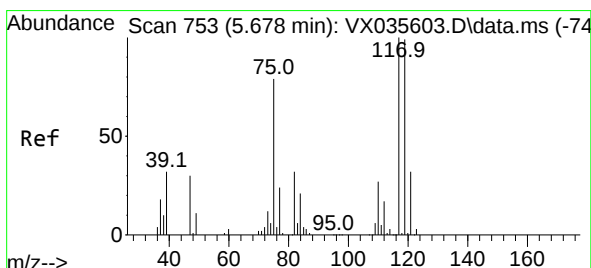
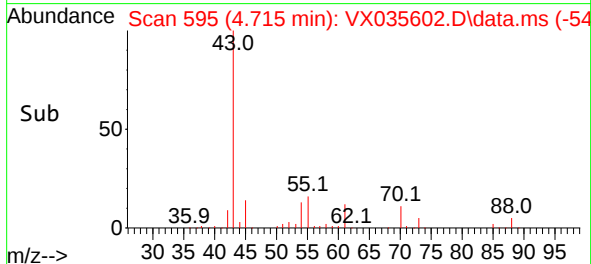
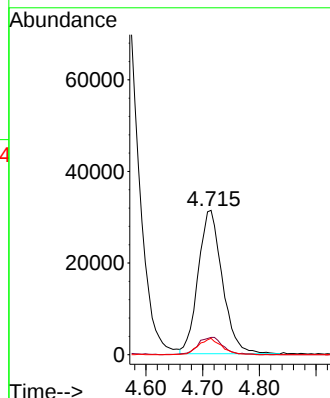
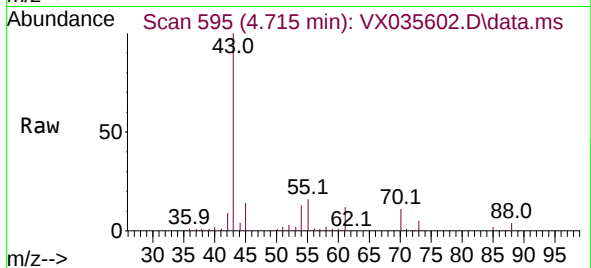
Tgt Ion: 43	Resp: 92584
Ion Ratio	Lower Upper
43 100	
61 12.7	10.2 15.4
70 10.9	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#38

Carbon Tetrachloride

Concen: 22.371 ug/l

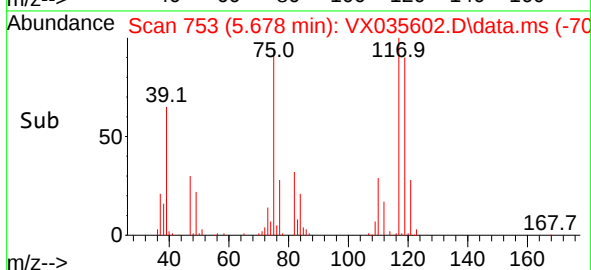
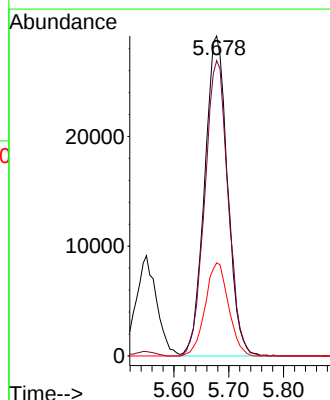
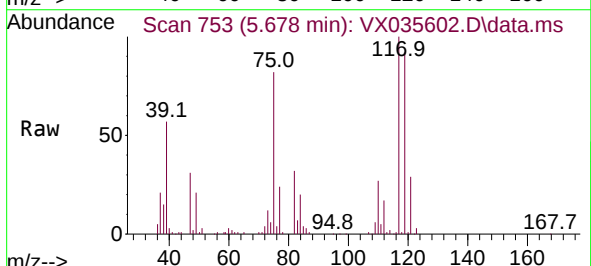
RT: 5.678 min Scan# 753

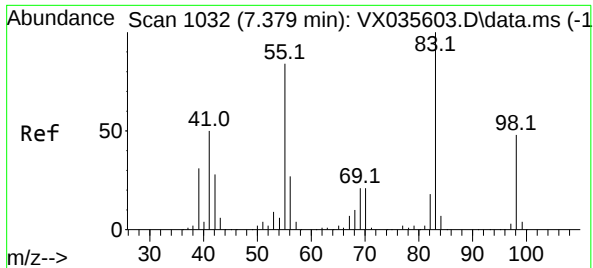
Delta R.T. -0.000 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Tgt Ion:117	Resp: 84544
Ion Ratio	Lower Upper
117 100	
119 92.3	76.6 114.8
121 29.1	23.8 35.6





#39

Methylcyclohexane

Concen: 22.787 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 10701

Ion Ratio Lower Upper

83 100

55 84.9 60.5 90.7

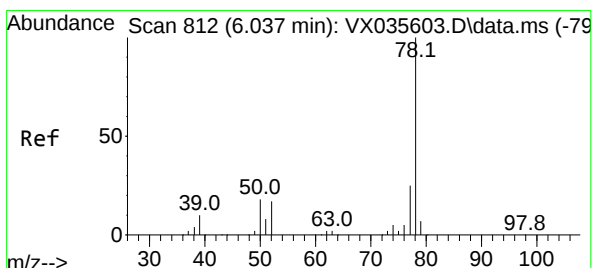
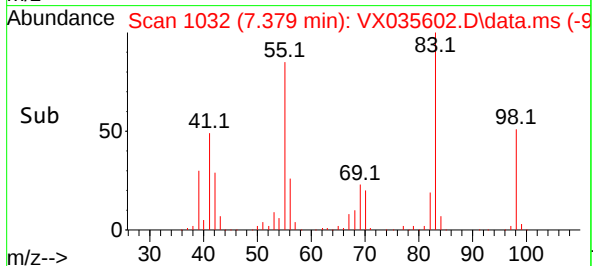
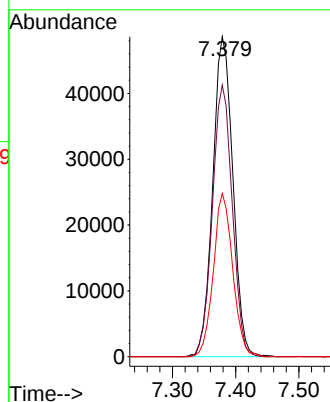
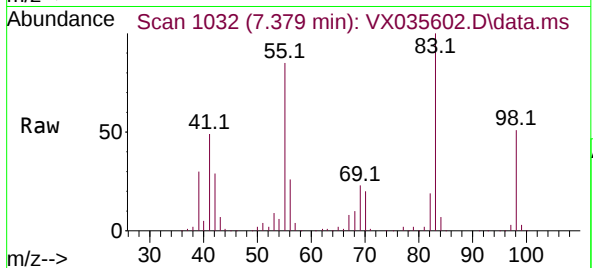
98 51.1 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#40

Benzene

Concen: 22.324 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX035602.D

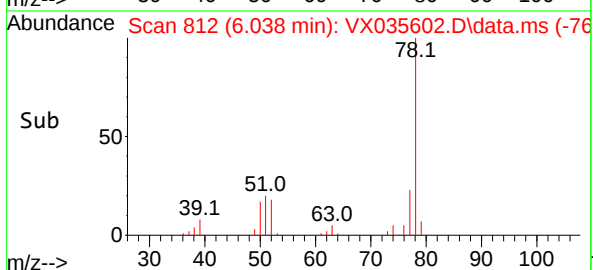
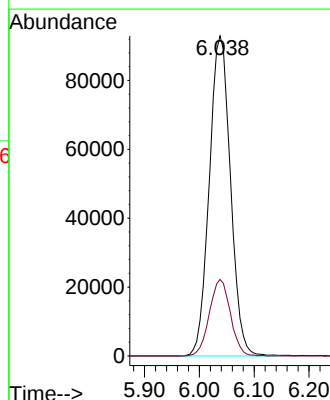
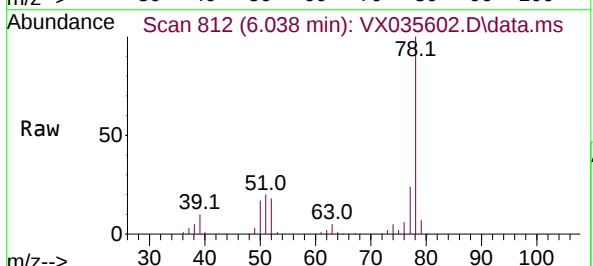
Acq: 11 May 2023 11:47

Tgt Ion: 78 Resp: 249148

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.4





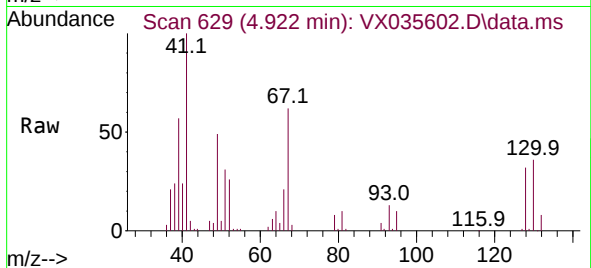
#41
Methacrylonitrile
Concen: 21.592 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



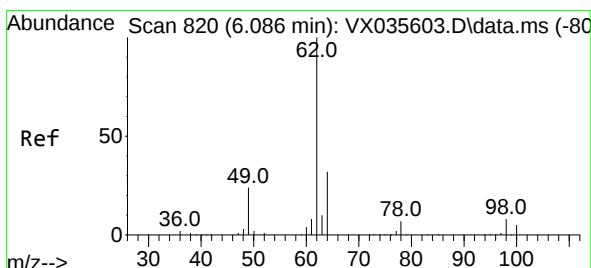
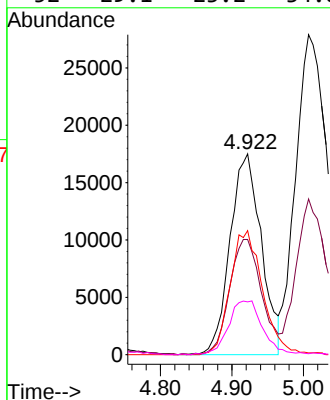
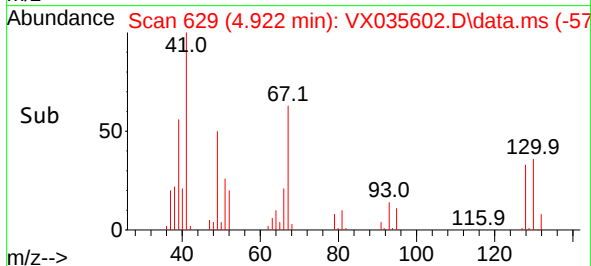
Tgt Ion: 41 Resp: 5334
Ion Ratio Lower Upper
41 100
39 58.7 45.0 67.6
67 64.1 55.6 83.4
52 29.1 23.2 34.8

Manual Integrations

APPROVED

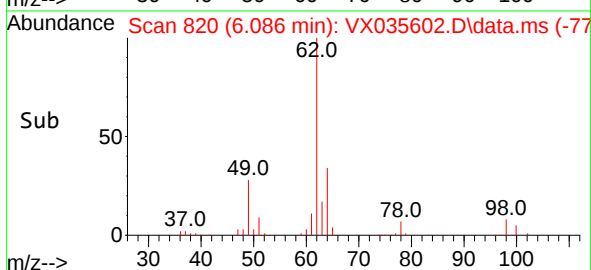
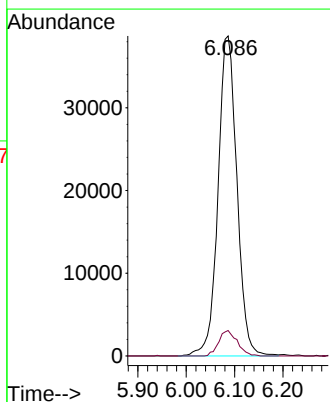
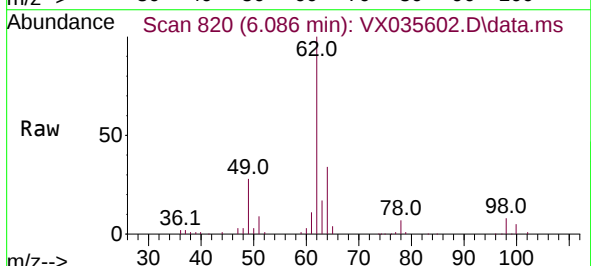
Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#42
1,2-Dichloroethane
Concen: 21.850 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

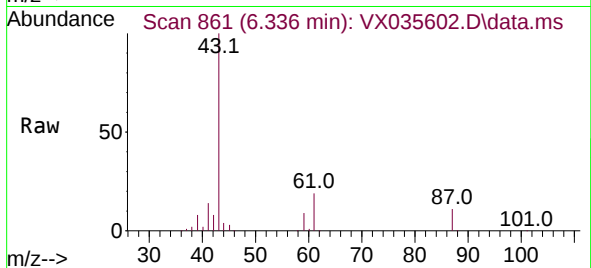
Tgt Ion: 62 Resp: 104900
Ion Ratio Lower Upper
62 100
98 7.8 0.0 18.0





#43
Isopropyl Acetate
Concen: 21.721 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

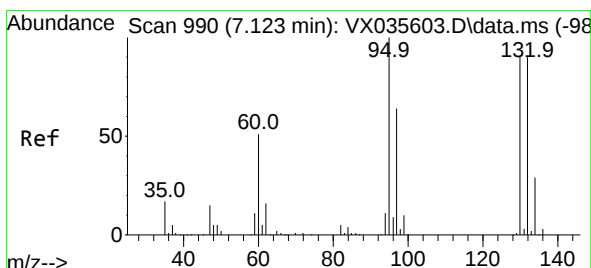
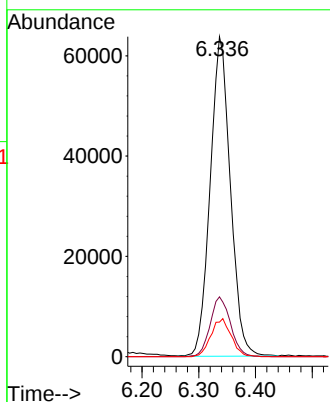
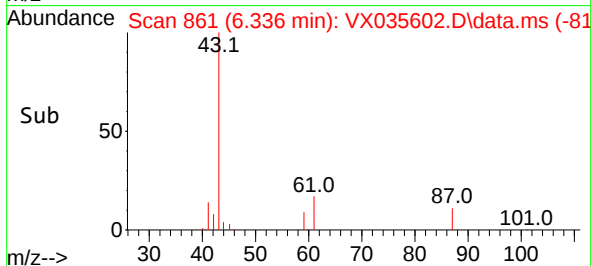
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



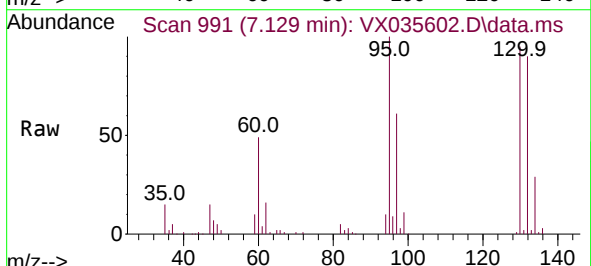
Tgt Ion: 43 Resp: 157600
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 11.9 9.8 14.8

Manual Integrations
APPROVED

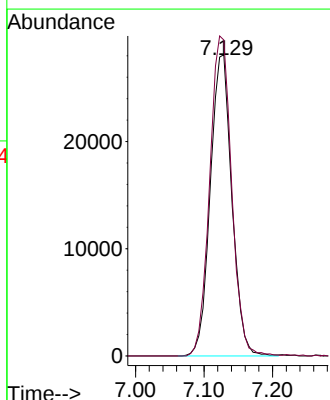
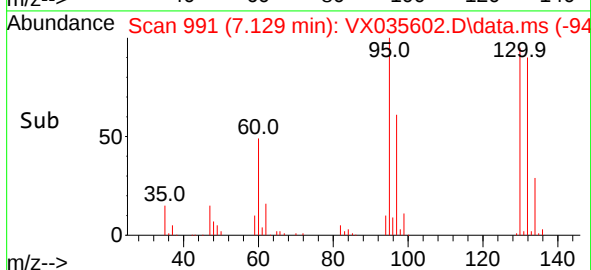
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023

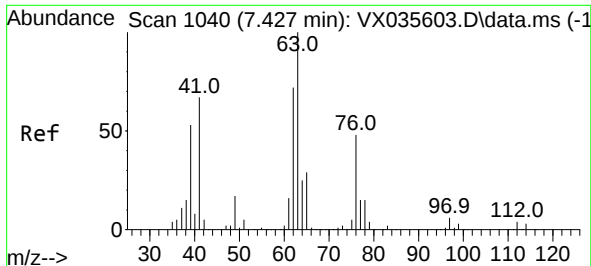


#44
Trichloroethene
Concen: 21.706 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47



Tgt Ion:130 Resp: 61426
Ion Ratio Lower Upper
130 100
95 104.9 0.0 198.4





#45

1,2-Dichloropropane

Concen: 22.324 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 6598

Ion Ratio Lower Upper

63 100

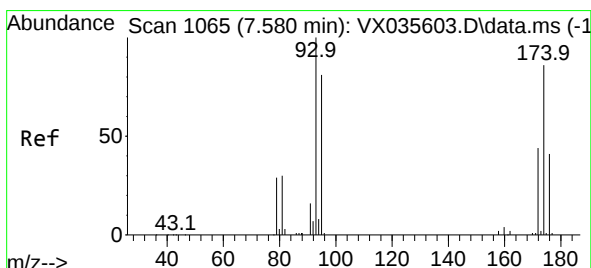
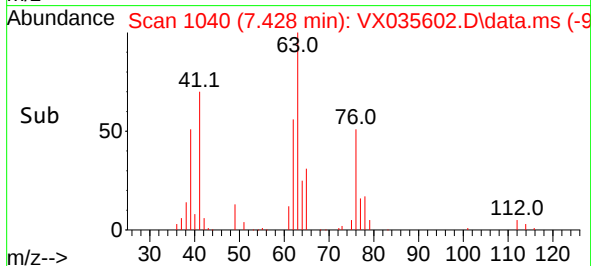
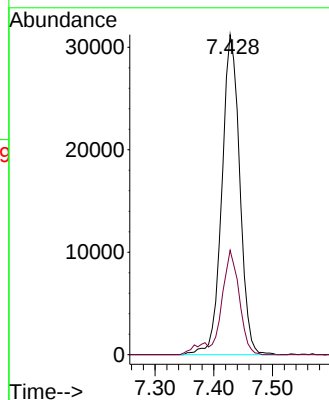
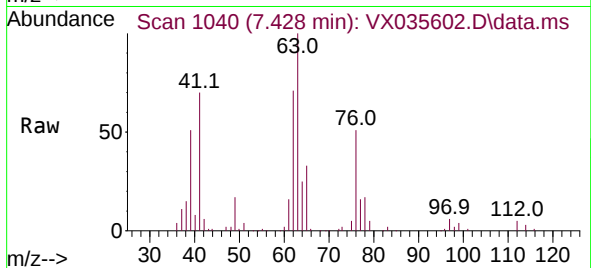
65 32.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#46

Dibromomethane

Concen: 21.986 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

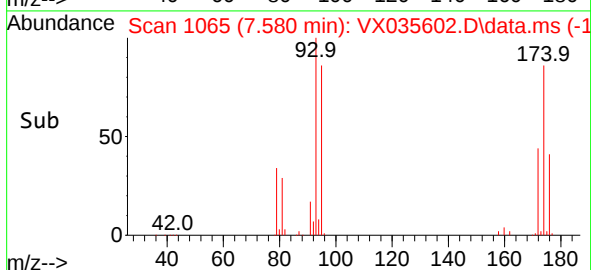
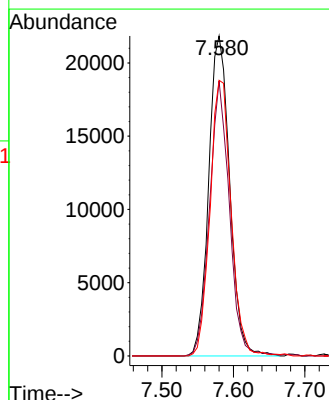
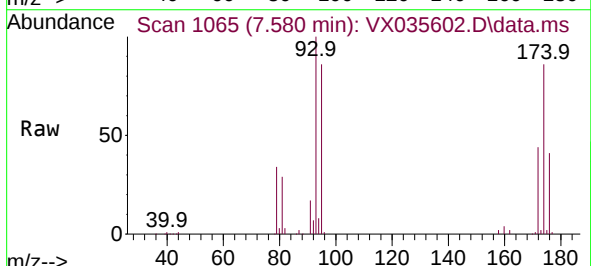
Tgt Ion: 93 Resp: 44483

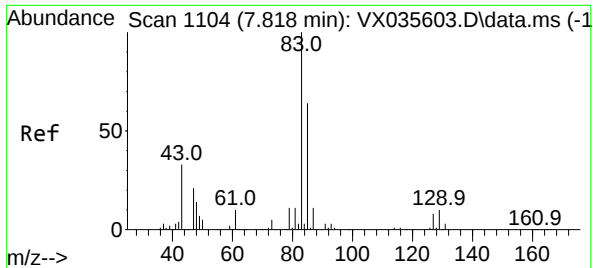
Ion Ratio Lower Upper

93 100

95 81.0 66.9 100.3

174 86.3 75.4 113.0





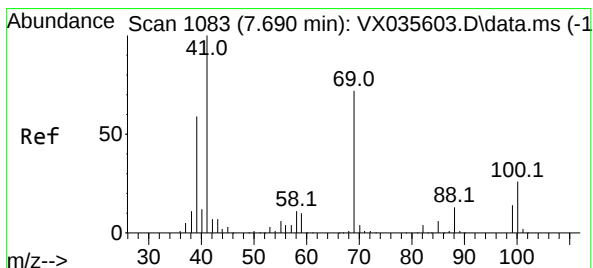
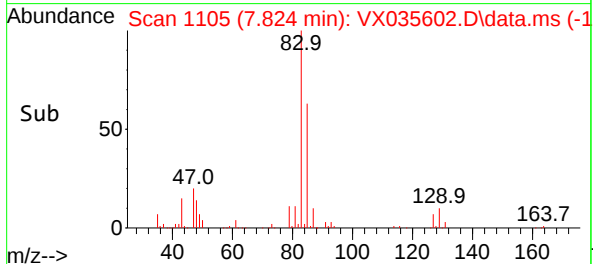
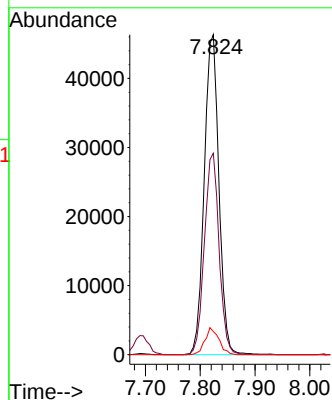
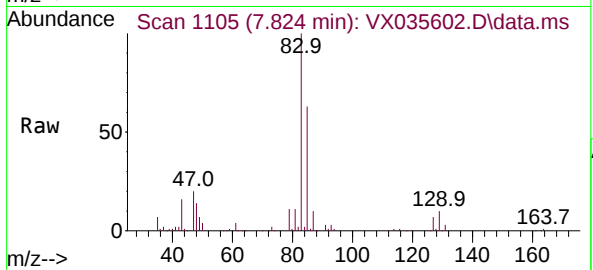
#47
Bromodichloromethane
Concen: 21.958 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 8587
Ion Ratio Lower Upper
83 100
85 62.9 52.2 78.4
127 7.2 6.6 9.8

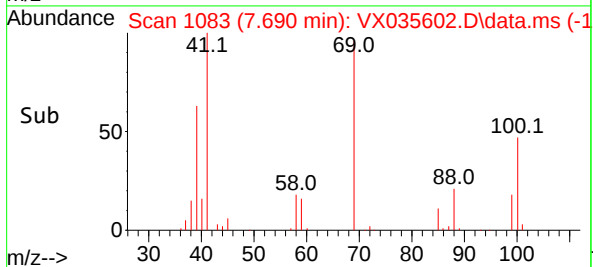
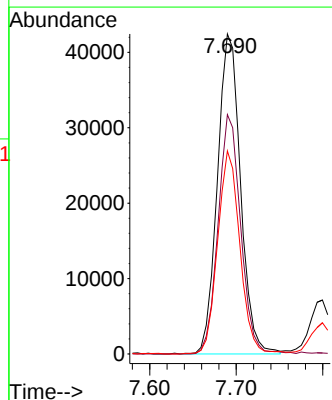
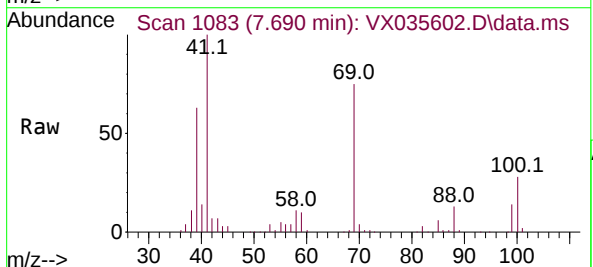
Manual Integrations
APPROVED

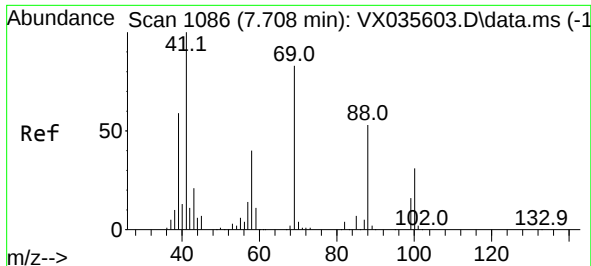
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#48
Methyl methacrylate
Concen: 21.994 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Tgt Ion: 41 Resp: 78758
Ion Ratio Lower Upper
41 100
69 72.9 62.2 93.4
39 61.1 47.7 71.5





#49

1,4-Dioxane

Concen: 438.232 ug/l

RT: 7.714 min Scan# 1086

Delta R.T. 0.006 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

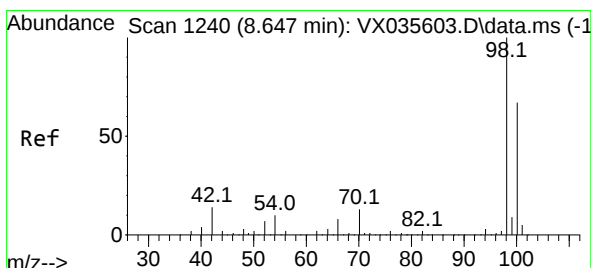
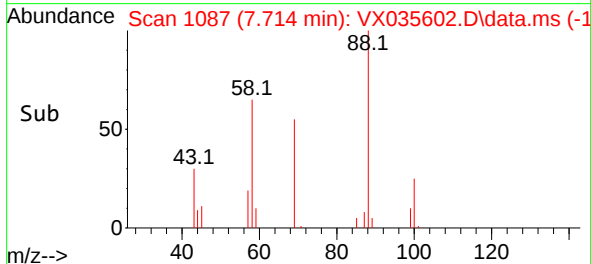
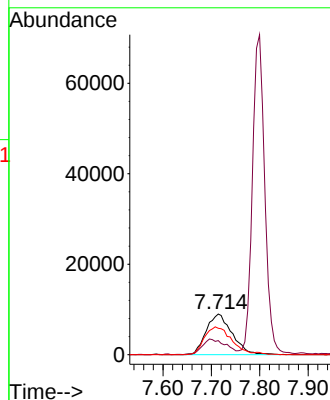
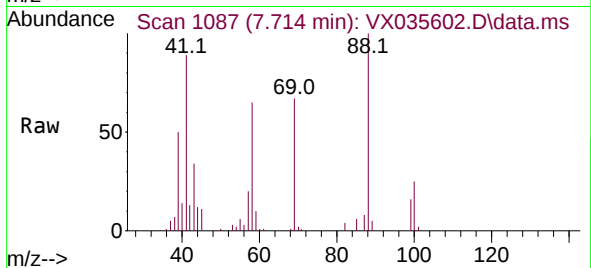
Tgt Ion: 88	Resp: 3337
Ion Ratio	Lower Upper
88	100
43	33.8 27.7 41.5
58	71.0 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#50

Toluene-d8

Concen: 21.375 ug/l

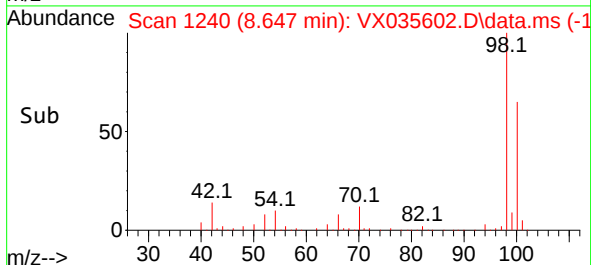
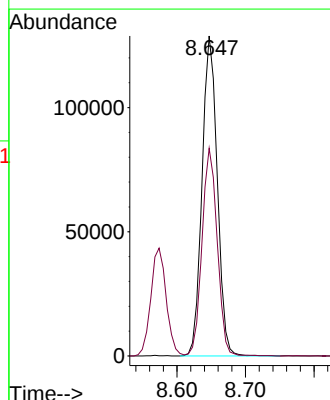
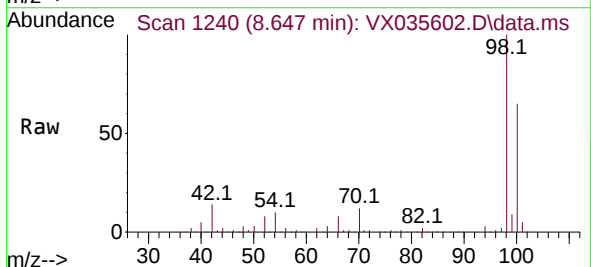
RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Tgt Ion: 98	Resp: 199579
Ion Ratio	Lower Upper
98	100
100	64.9 52.5 78.7





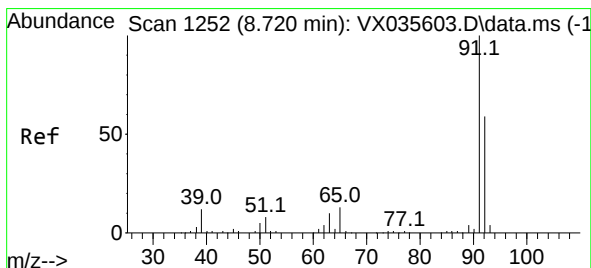
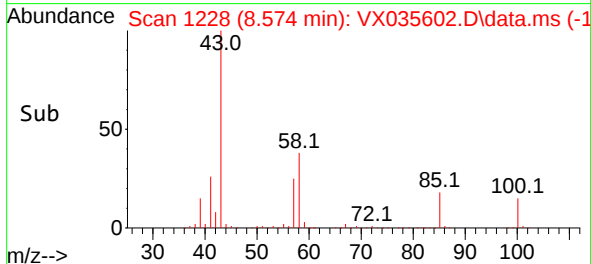
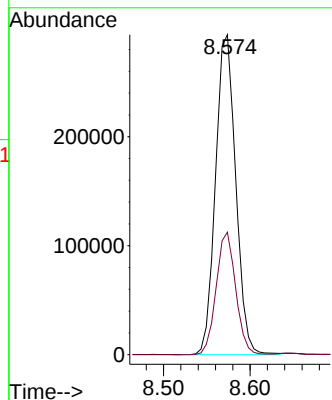
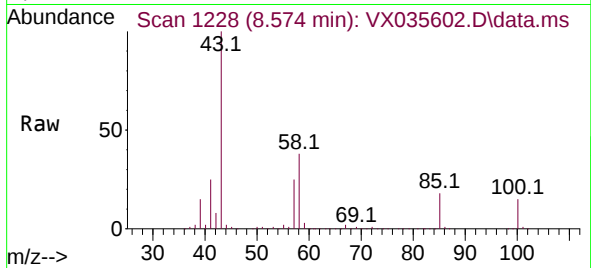
#51
4-Methyl-2-Pentanone
Concen: 113.800 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 47571
Ion Ratio Lower Upper
43 100
58 37.0 30.6 46.0

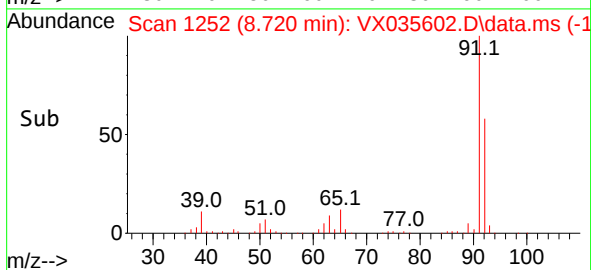
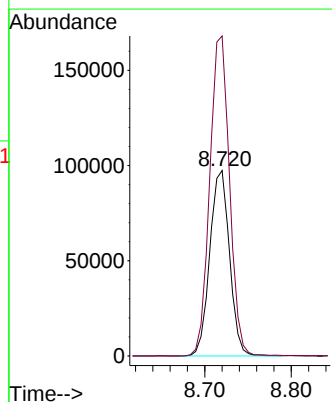
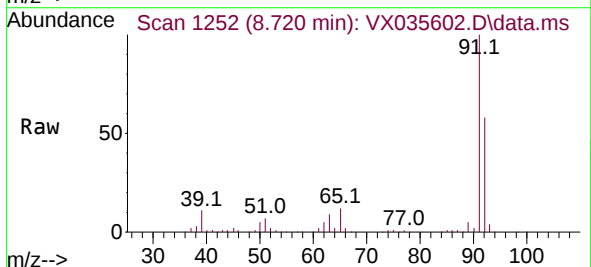
Manual Integrations
APPROVED

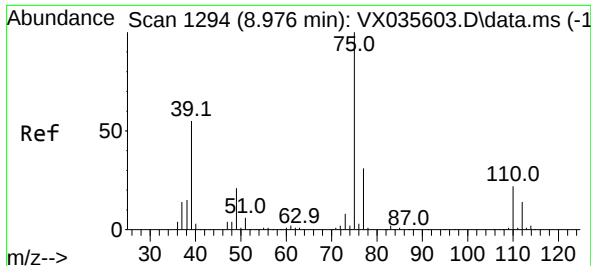
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#52
Toluene
Concen: 21.847 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Tgt Ion: 92 Resp: 153909
Ion Ratio Lower Upper
92 100
91 173.4 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 22.025 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 93578

Ion Ratio Lower Upper

75 100

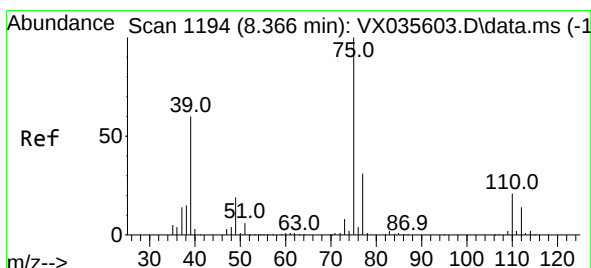
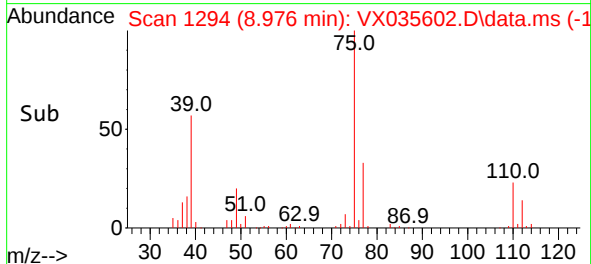
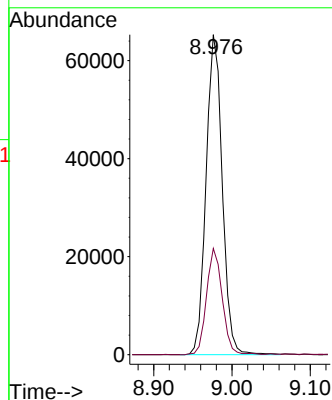
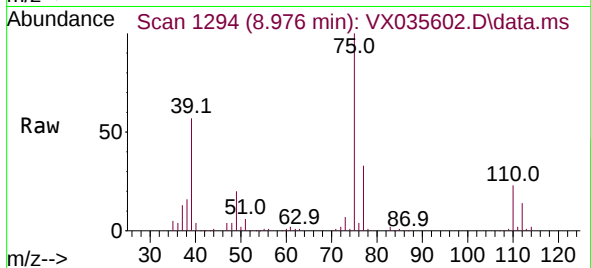
77 33.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#54

cis-1,3-Dichloropropene

Concen: 22.048 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

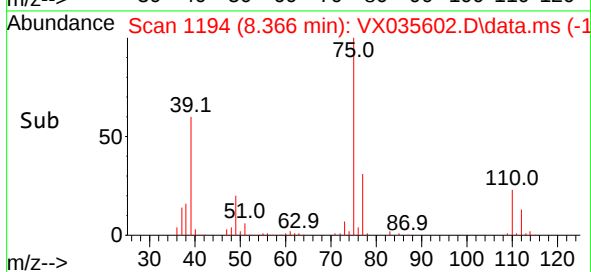
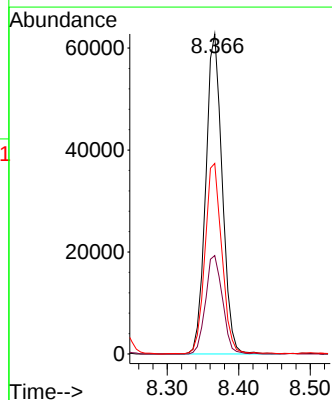
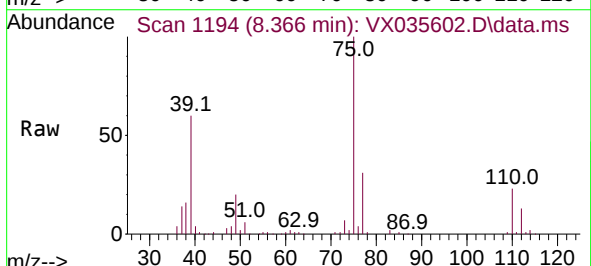
Tgt Ion: 75 Resp: 100367

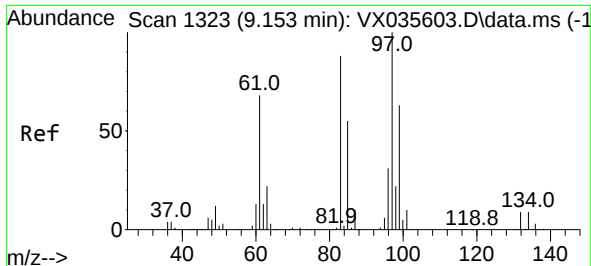
Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.4

39 59.5 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 21.879 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

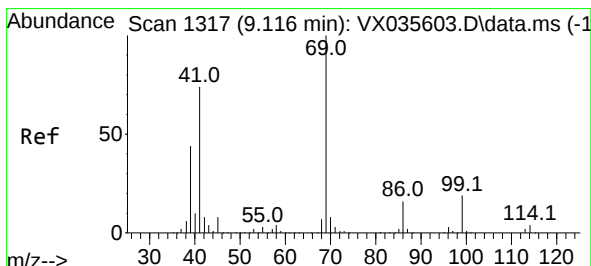
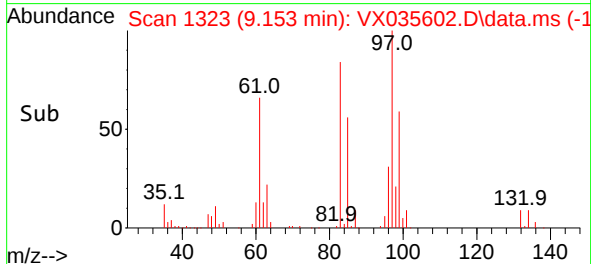
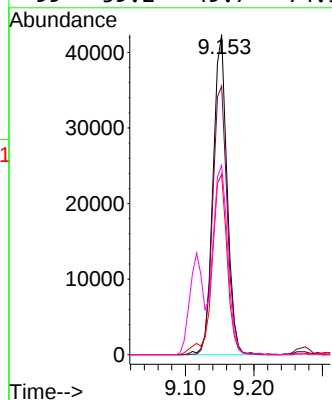
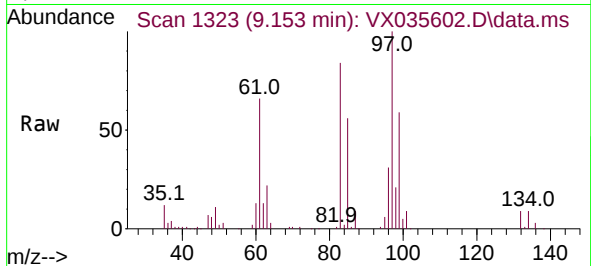
VSTDICC020

Tgt Ion: 97 Resp: 60539
Ion Ratio Lower Upper
97 100
83 83.9 69.7 104.5
85 56.3 43.7 65.5
99 59.2 49.7 74.5

Manual Integrations

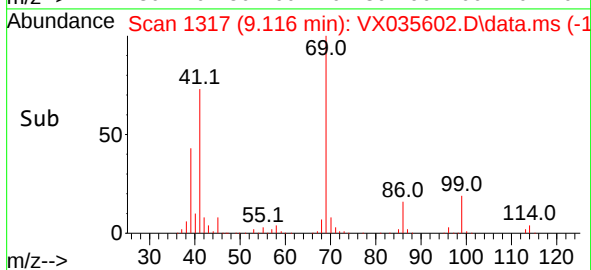
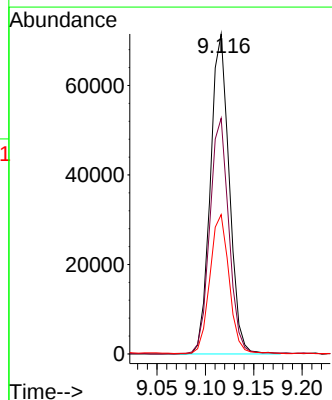
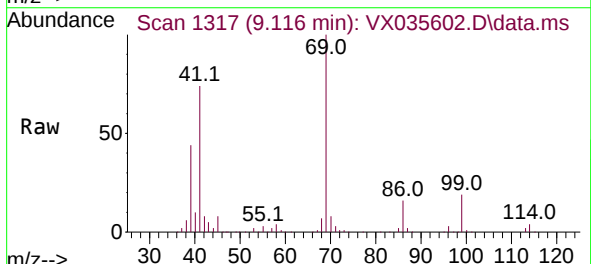
APPROVED

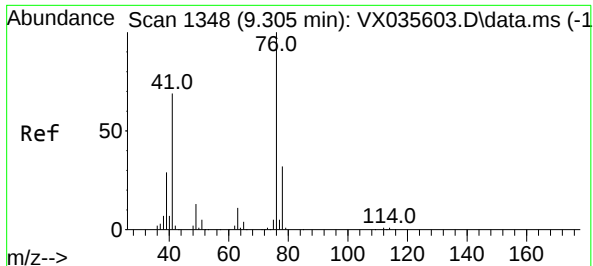
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#56
Ethyl methacrylate
Concen: 21.668 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Tgt Ion: 69 Resp: 97094
Ion Ratio Lower Upper
69 100
41 74.9 57.4 86.0
39 44.4 33.7 50.5





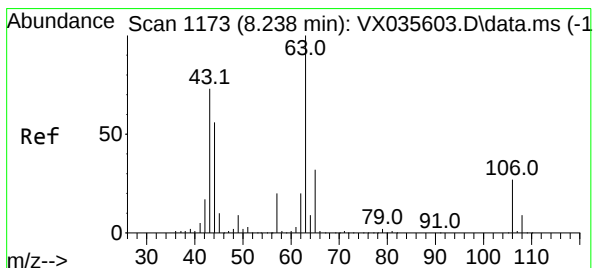
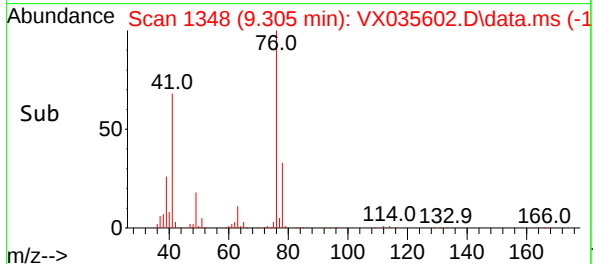
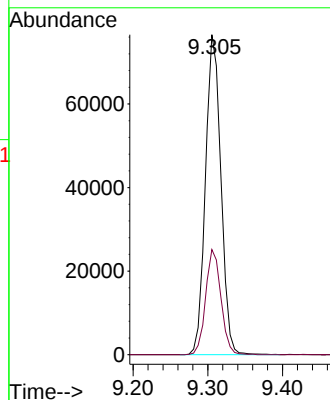
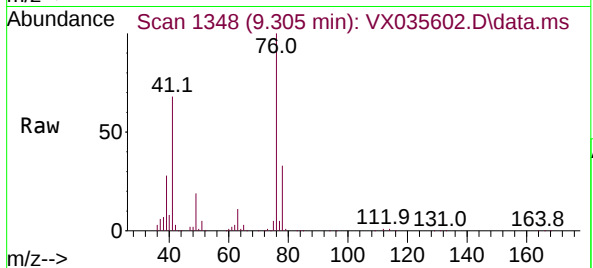
#57
1,3-Dichloropropane
Concen: 21.909 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 109899
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.8

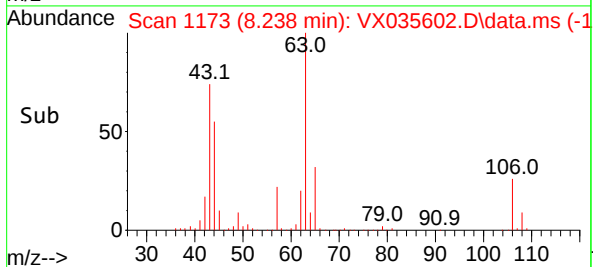
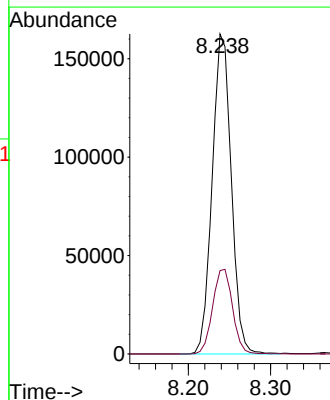
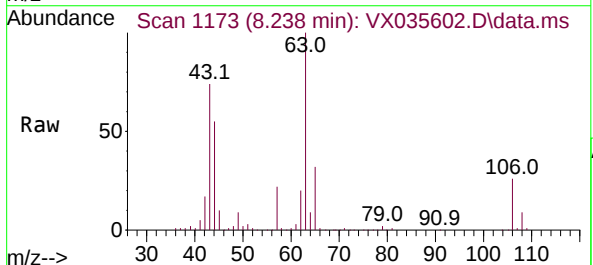
Manual Integrations
APPROVED

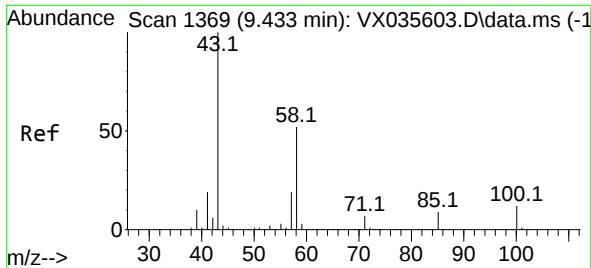
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#58
2-Chloroethyl Vinyl ether
Concen: 114.974 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Tgt Ion: 63 Resp: 262085
Ion Ratio Lower Upper
63 100
106 27.5 22.2 33.2





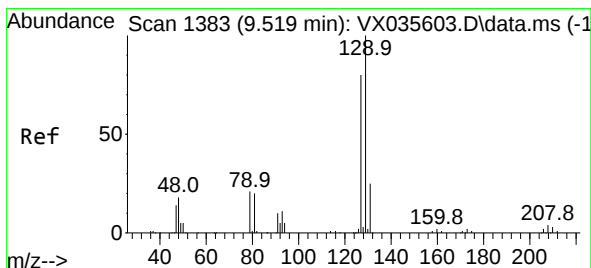
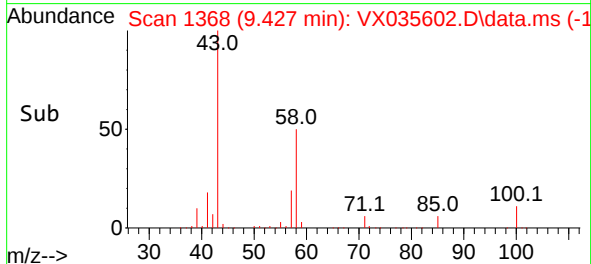
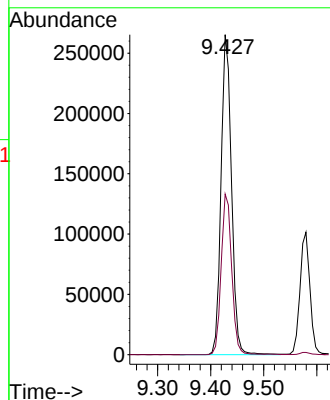
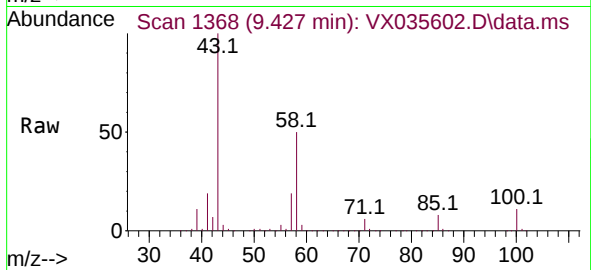
#59
2-Hexanone
Concen: 115.075 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 362272
Ion Ratio Lower Upper
43 100
58 50.6 26.3 78.9

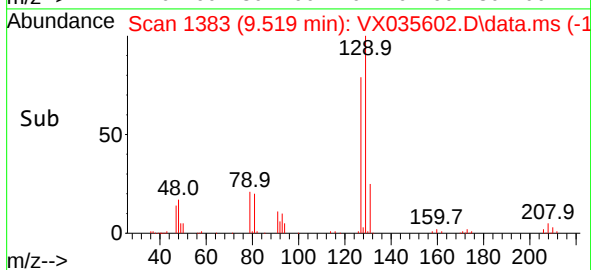
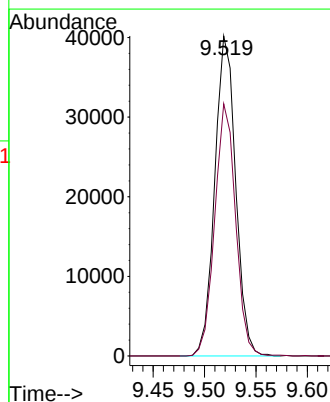
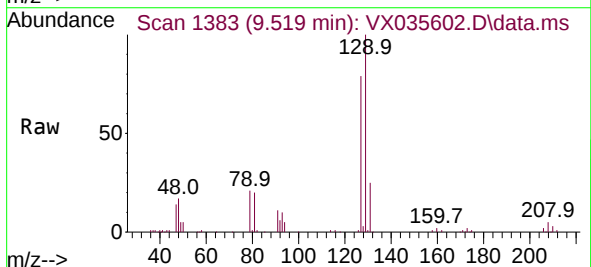
Manual Integrations
APPROVED

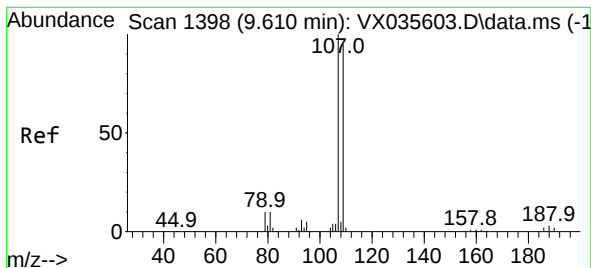
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#60
Dibromochloromethane
Concen: 21.503 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Tgt Ion:129 Resp: 56716
Ion Ratio Lower Upper
129 100
127 78.8 39.0 117.0





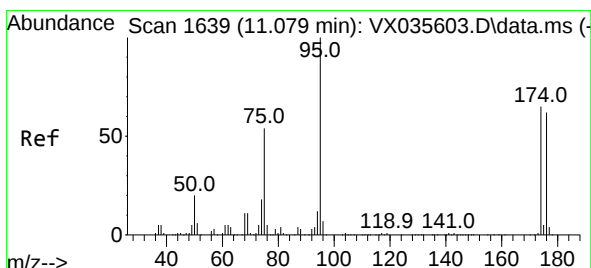
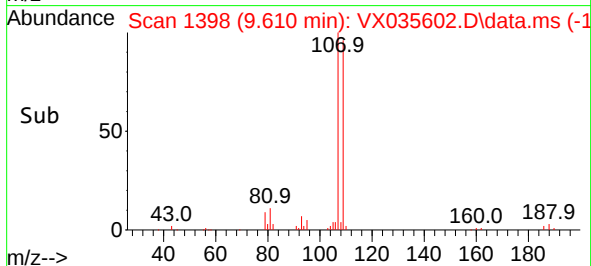
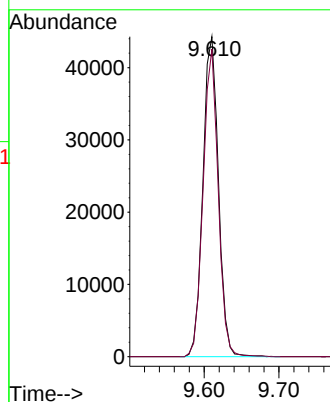
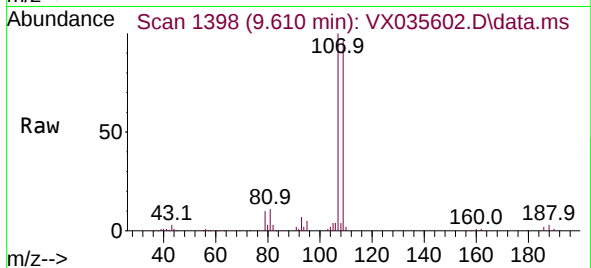
#61
1,2-Dibromoethane
Concen: 21.911 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 63878
Ion Ratio Lower Upper
107 100
109 93.5 75.3 112.9

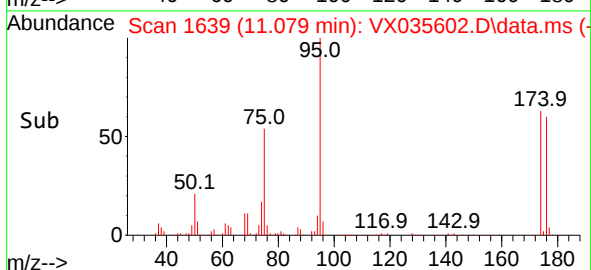
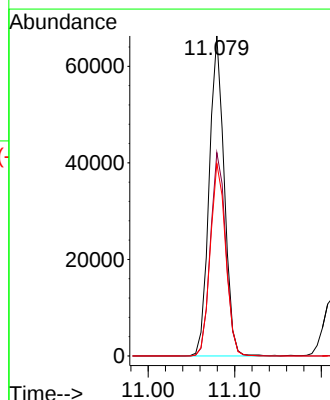
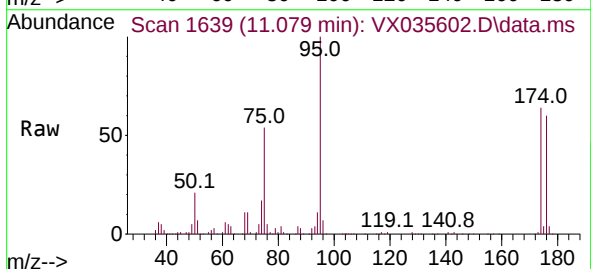
Manual Integrations
APPROVED

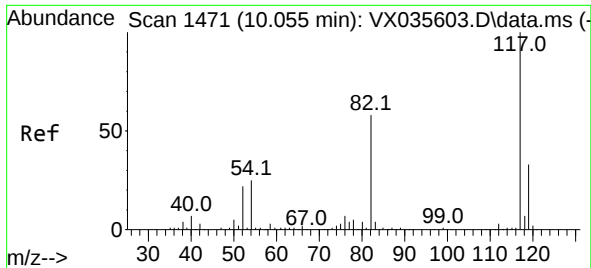
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#62
4-Bromofluorobenzene
Concen: 21.211 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

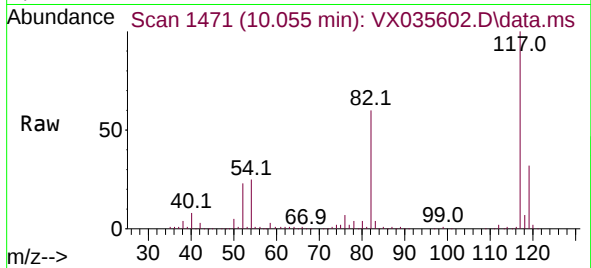
Tgt Ion: 95 Resp: 79741
Ion Ratio Lower Upper
95 100
174 64.6 0.0 147.4
176 61.7 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

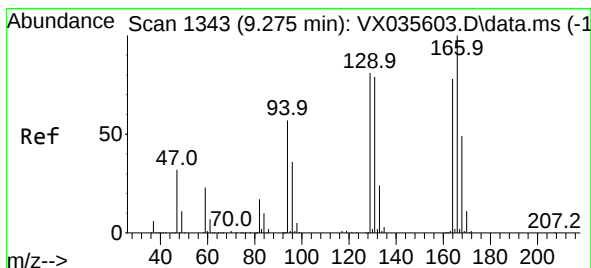
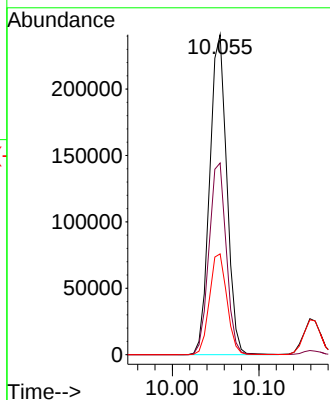
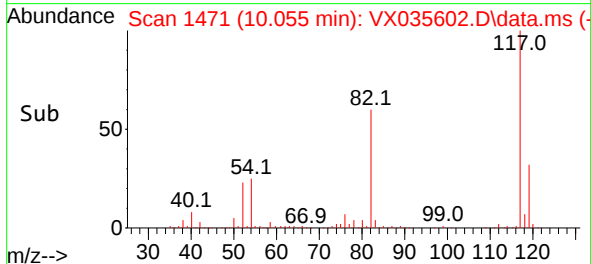
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 33149
Ion Ratio Lower Upper
117 100
82 59.9 45.0 67.4
119 31.5 26.0 39.0

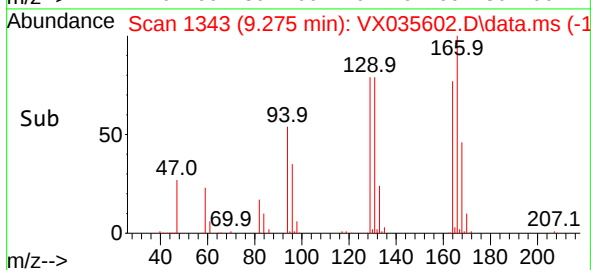
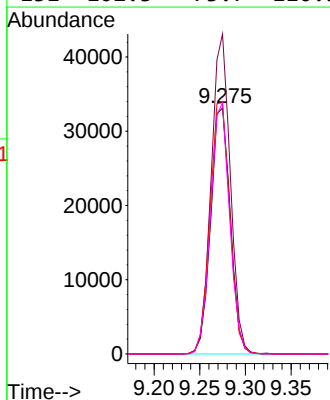
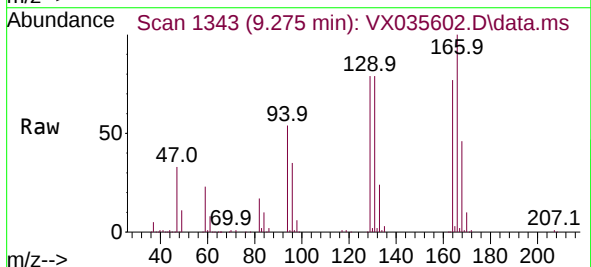
Manual Integrations
APPROVED

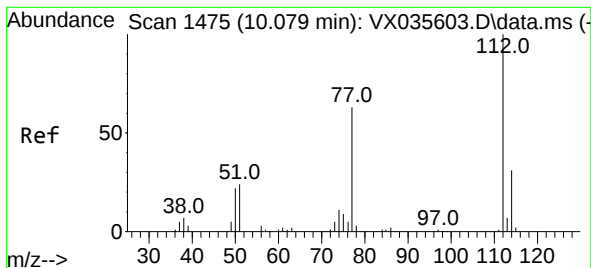
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#64
Tetrachloroethene
Concen: 22.189 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Tgt Ion:164 Resp: 49521
Ion Ratio Lower Upper
164 100
166 130.1 102.7 154.1
129 102.2 75.6 113.4
131 102.3 73.7 110.5





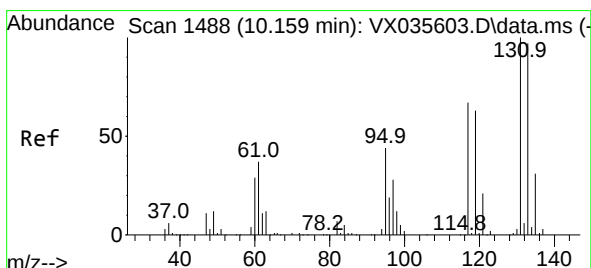
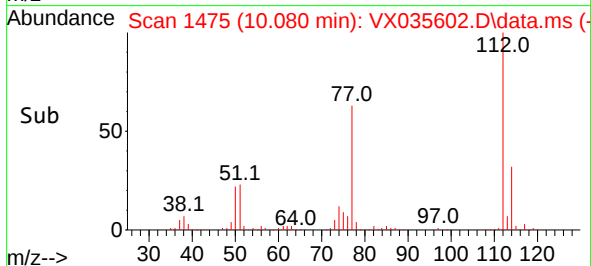
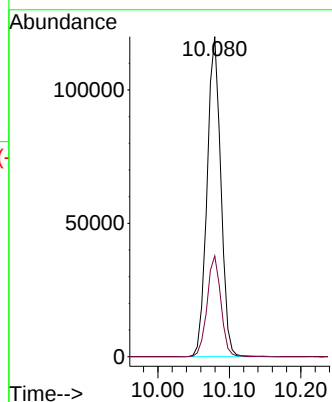
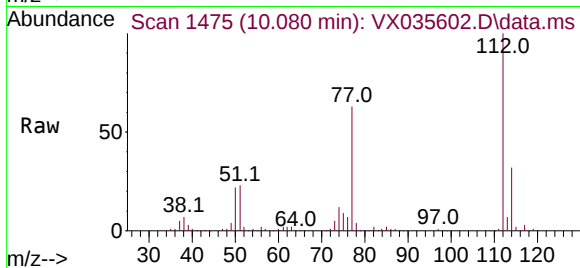
#65
Chlorobenzene
Concen: 22.162 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 160368
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2

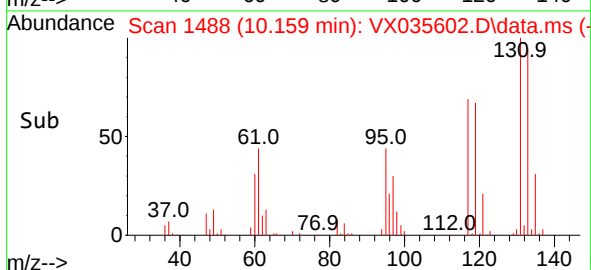
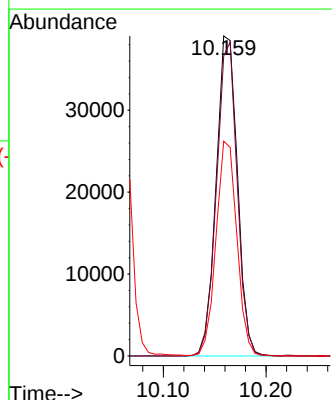
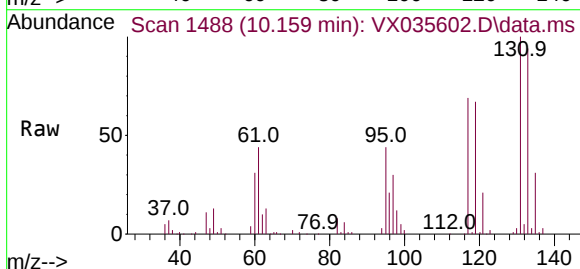
Manual Integrations
APPROVED

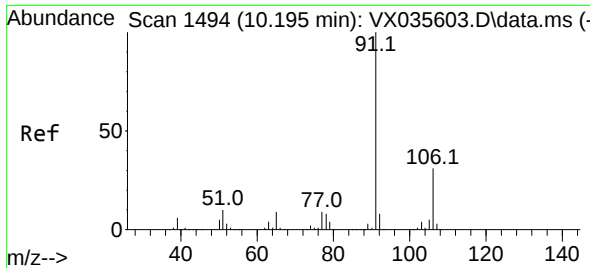
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.921 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

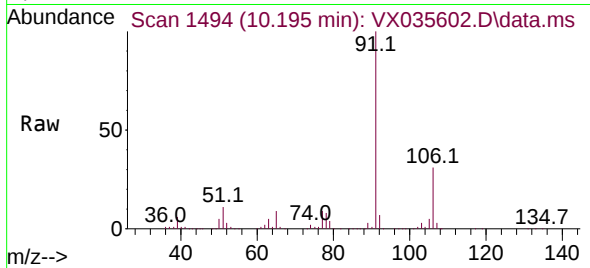
Tgt Ion:131 Resp: 56088
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 65.7 32.6 98.0





#67
Ethyl Benzene
Concen: 22.263 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

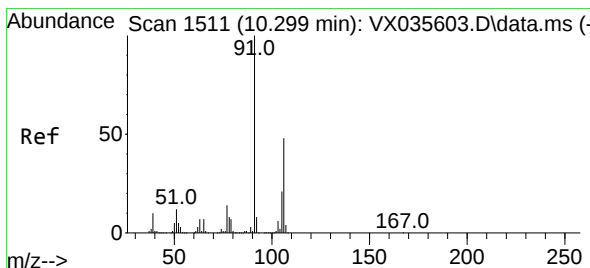
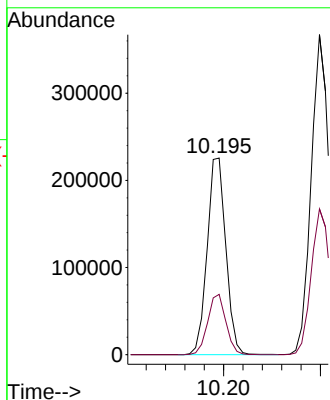
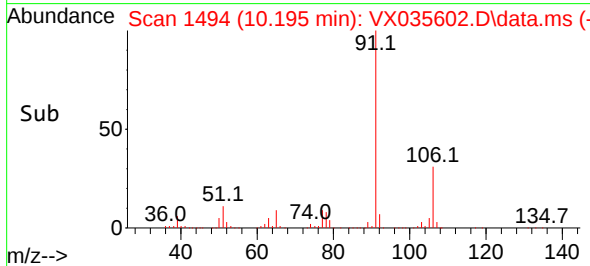
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



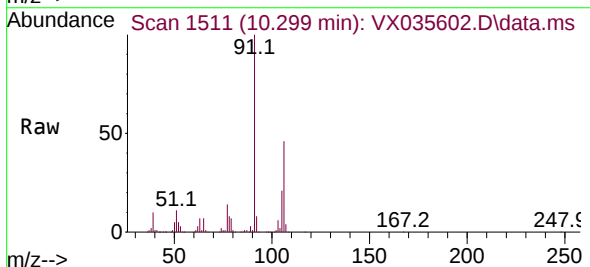
Tgt Ion: 91 Resp: 302988
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

Manual Integrations
APPROVED

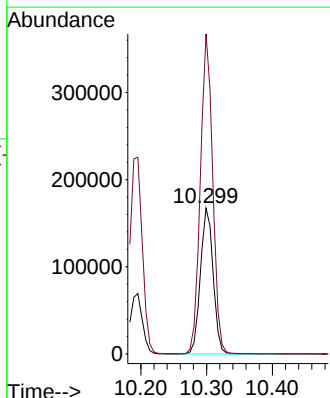
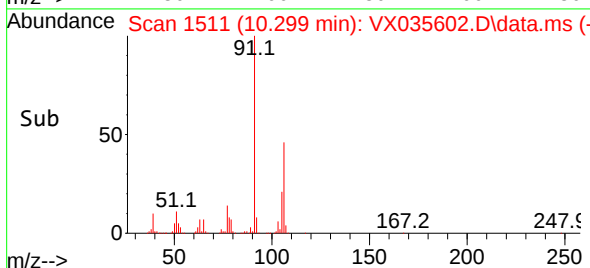
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023

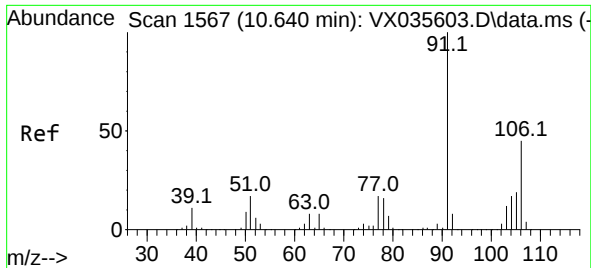


#68
m/p-Xylenes
Concen: 44.640 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47



Tgt Ion:106 Resp: 224560
Ion Ratio Lower Upper
106 100
91 213.3 164.0 246.0





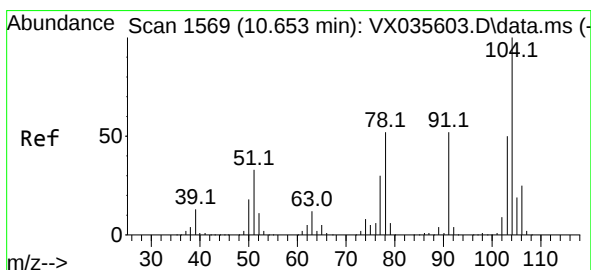
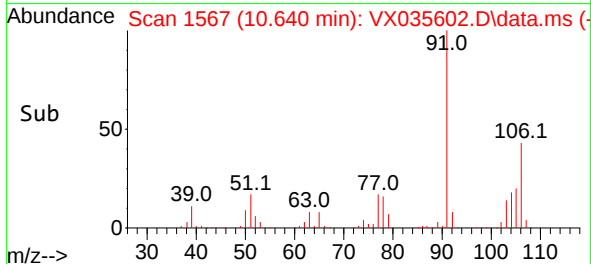
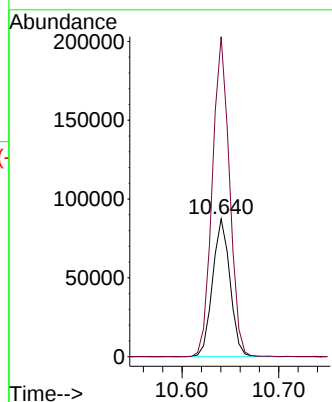
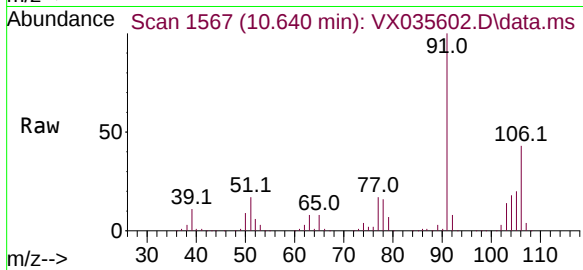
#69
o-Xylene
Concen: 21.966 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 109650
Ion Ratio Lower Upper
106 100
91 229.3 108.5 325.3

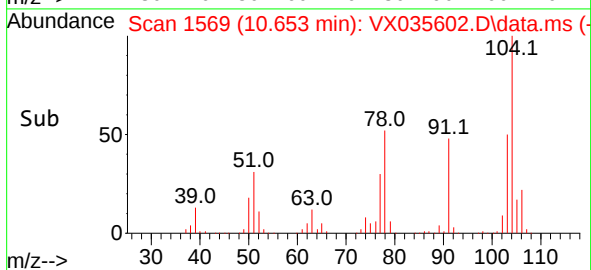
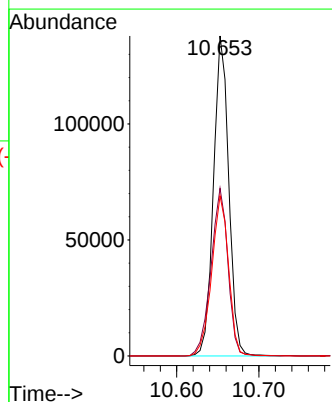
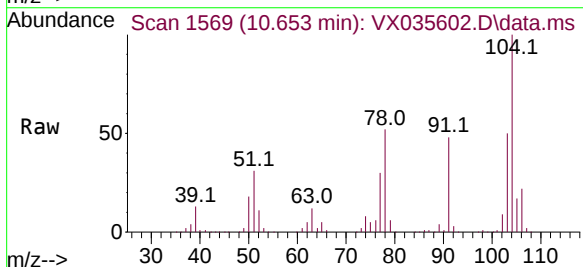
Manual Integrations
APPROVED

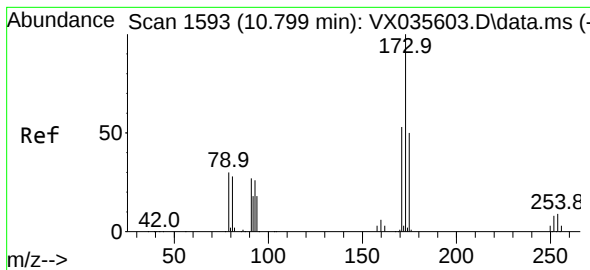
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#70
Styrene
Concen: 22.106 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

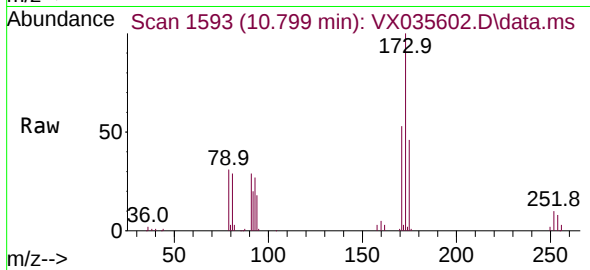
Tgt Ion:104 Resp: 177846
Ion Ratio Lower Upper
104 100
78 58.2 43.4 65.2
103 55.4 44.2 66.2





#71
Bromoform
Concen: 20.434 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

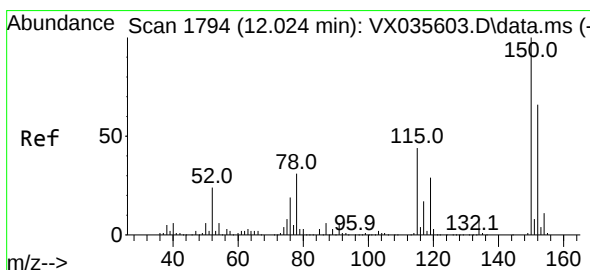
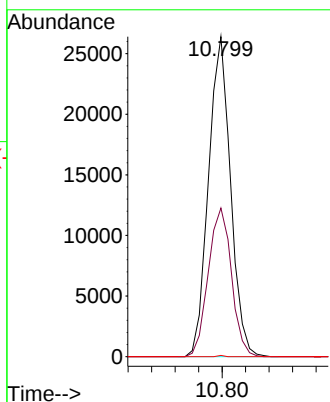
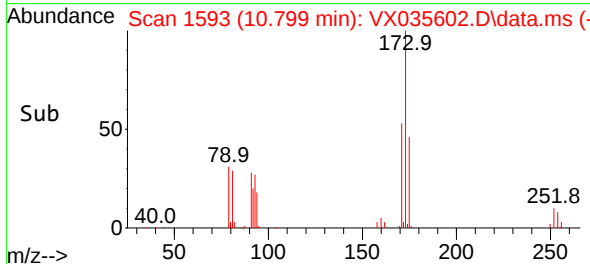
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:173 Resp: 34400
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.1 0.1 0.1

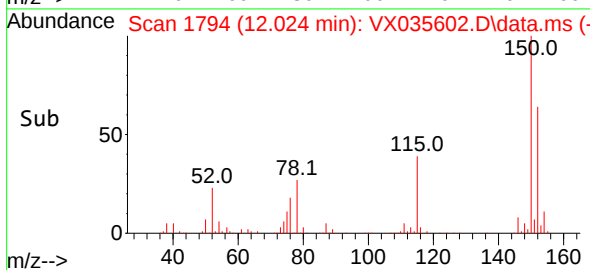
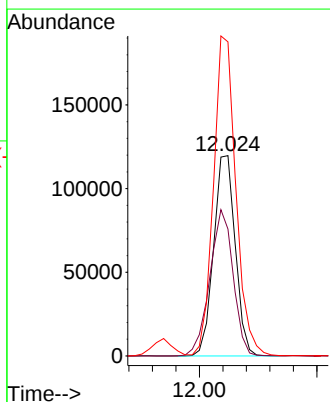
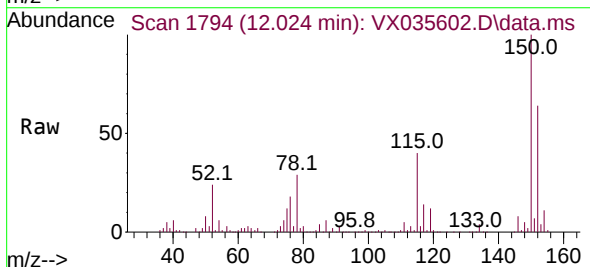
Manual Integrations
APPROVED

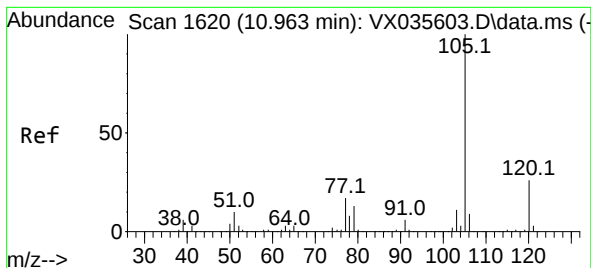
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Tgt Ion:152 Resp: 153382
Ion Ratio Lower Upper
152 100
115 78.7 45.0 135.0
150 165.2 0.0 352.4





#73

Isopropylbenzene

Concen: 22.664 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 292929

Ion Ratio Lower Upper

105 100

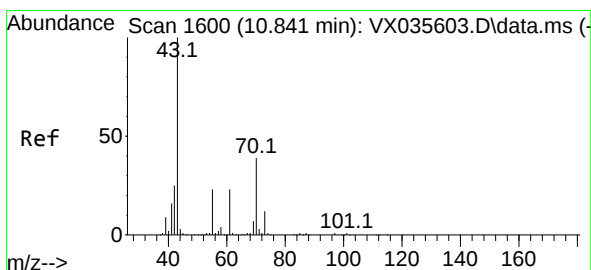
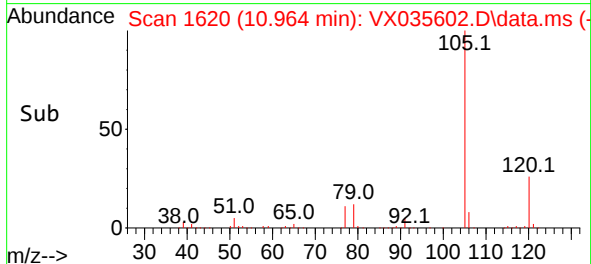
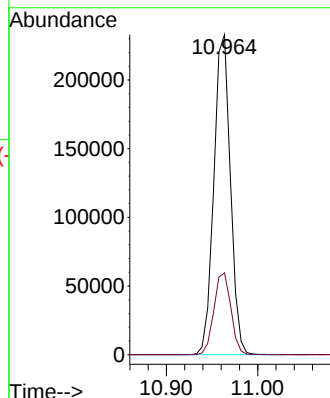
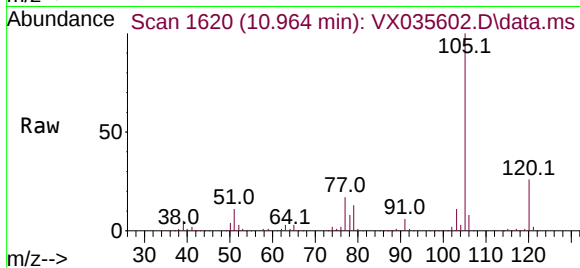
120 26.2 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#74

N-ethyl acetate

Concen: 21.988 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Tgt Ion: 43 Resp: 132505

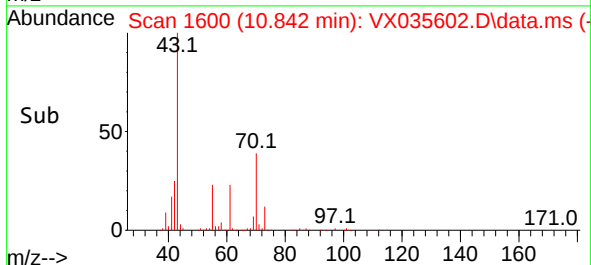
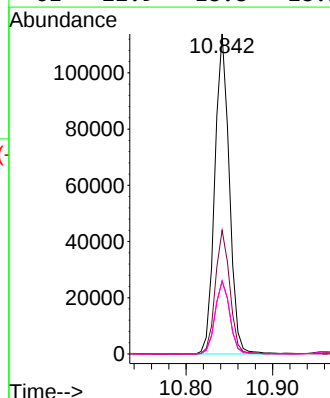
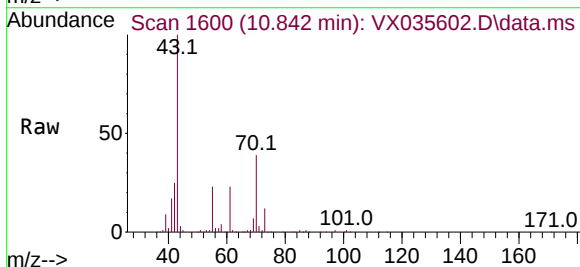
Ion Ratio Lower Upper

43 100

70 38.6 32.1 48.1

55 23.2 18.3 27.5

61 22.9 18.8 28.2





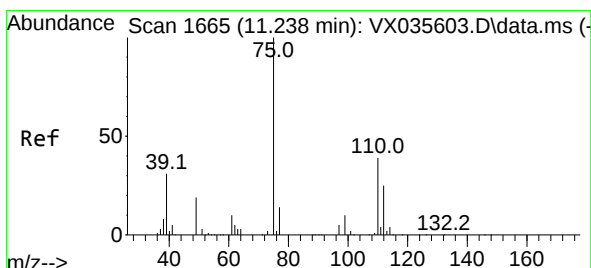
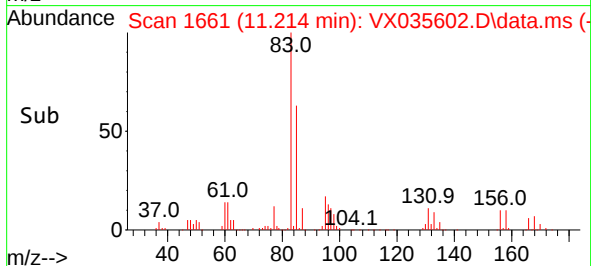
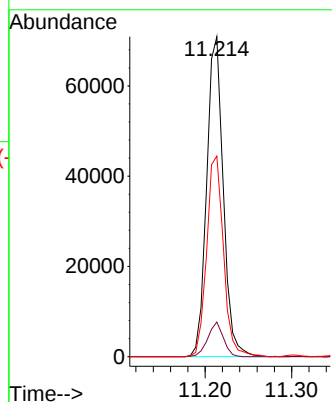
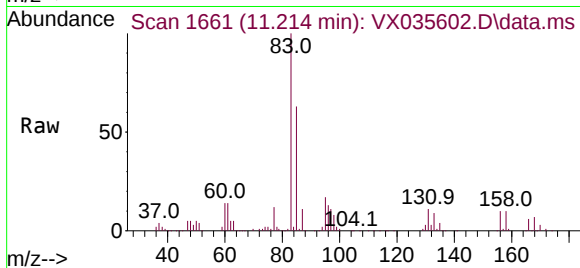
#75
1,1,2,2-Tetrachloroethane
Concen: 22.458 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 94160
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.3
85 63.7 32.0 96.0

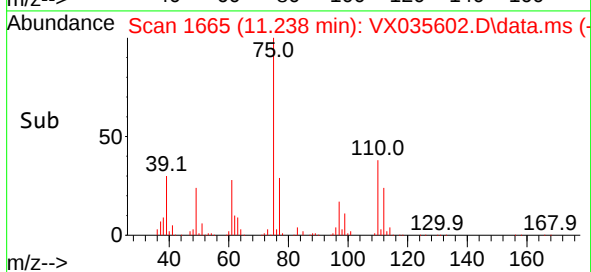
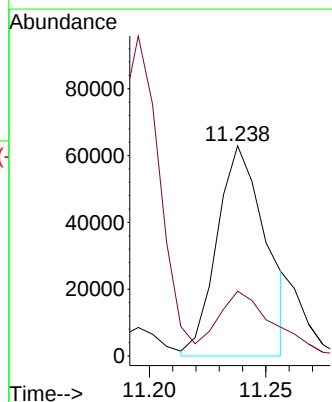
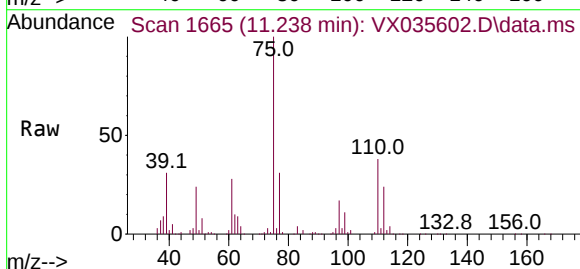
Manual Integrations
APPROVED

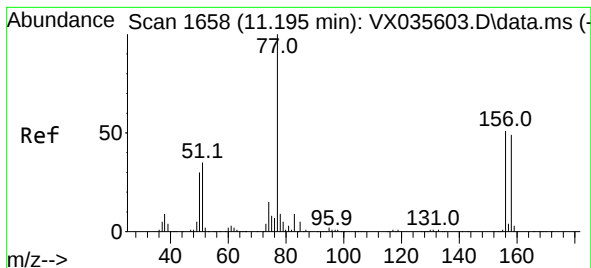
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#76
1,2,3-Trichloropropane
Concen: 24.810 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Tgt Ion: 75 Resp: 91156
Ion Ratio Lower Upper
75 100
77 35.5 21.6 64.8





#77

Bromobenzene

Concen: 21.879 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

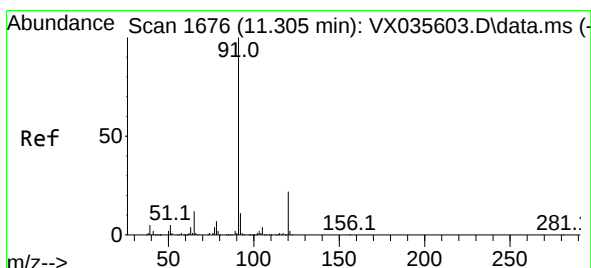
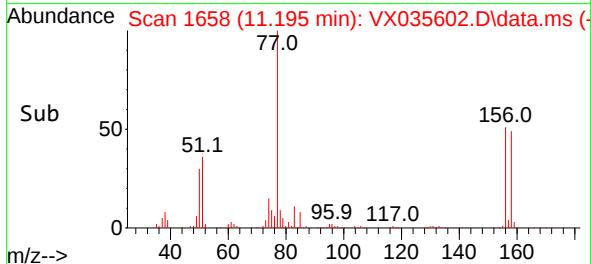
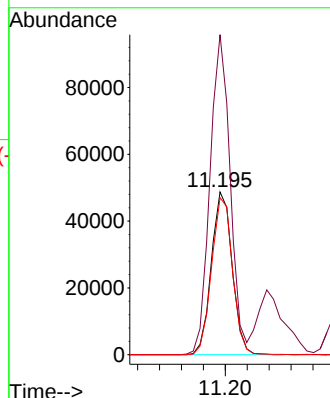
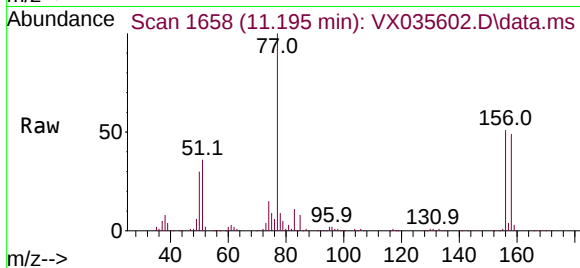
Tgt Ion:	156	Resp:	64184
Ion Ratio	Lower	Upper	
156	100		
77	190.6	86.7	259.9
158	96.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#78

n-propylbenzene

Concen: 22.785 ug/l

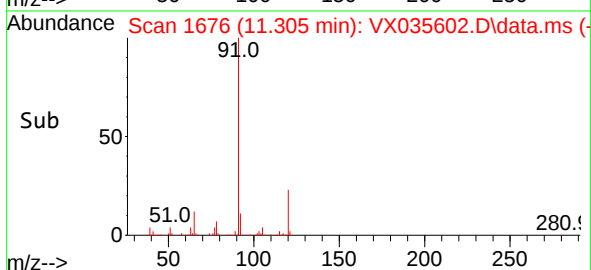
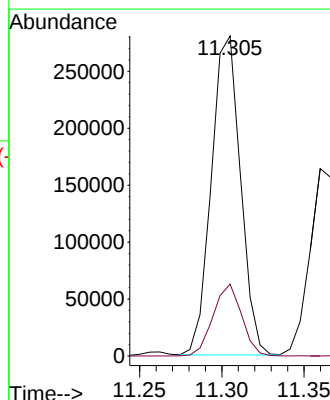
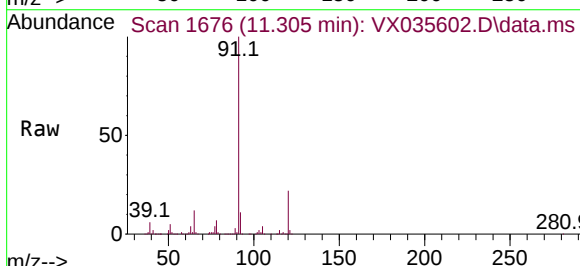
RT: 11.305 min Scan# 1676

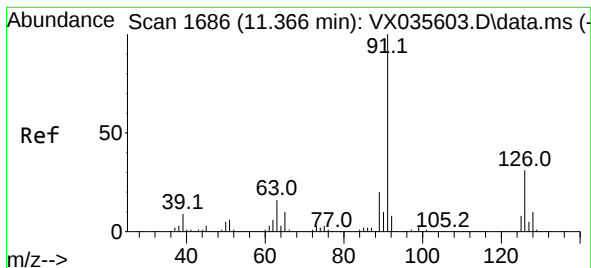
Delta R.T. -0.000 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Tgt Ion:	91	Resp:	346174
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.5	34.5





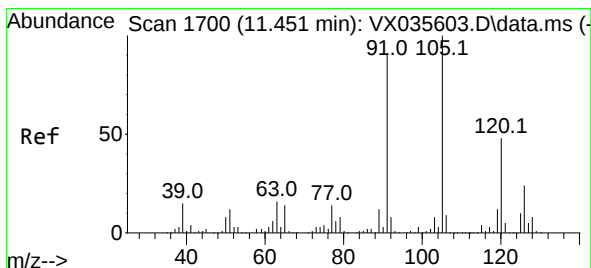
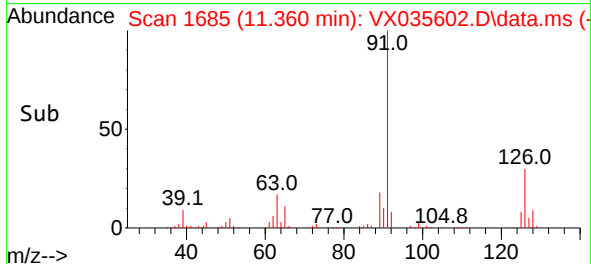
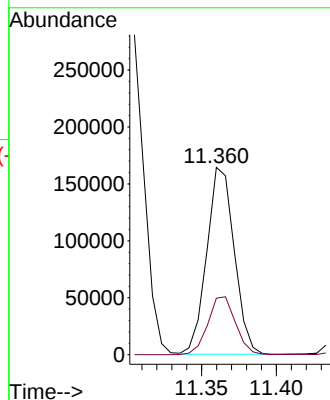
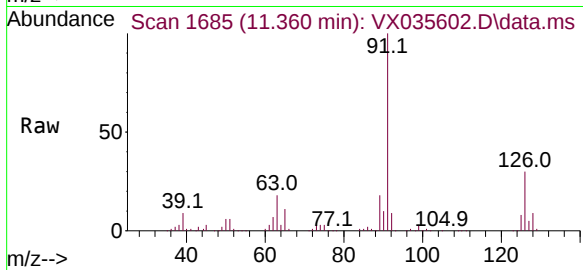
#79
2-Chlorotoluene
Concen: 22.105 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 21026
Ion Ratio Lower Upper
91 100
126 31.2 16.3 48.9

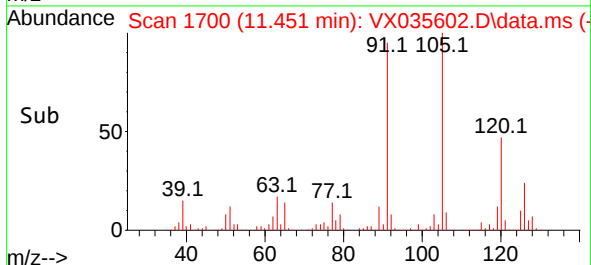
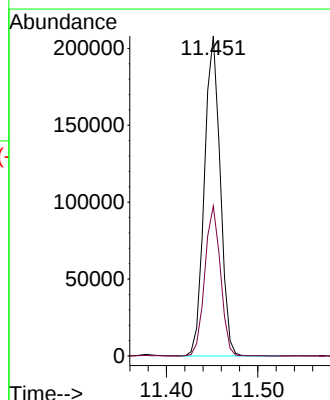
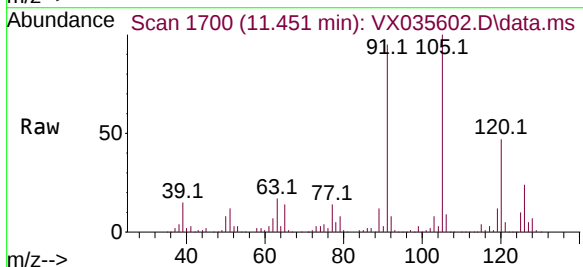
Manual Integrations
APPROVED

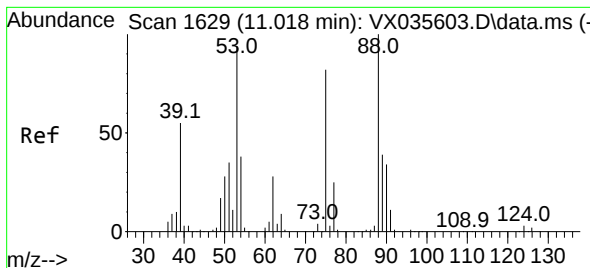
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 22.711 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Tgt Ion:105 Resp: 249486
Ion Ratio Lower Upper
105 100
120 46.4 23.7 71.1





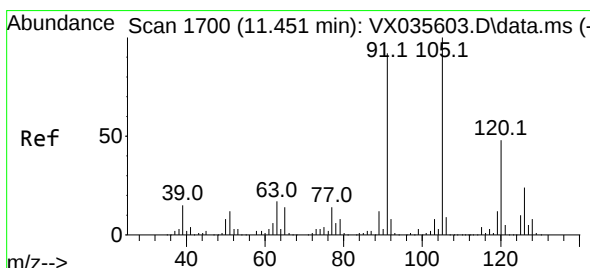
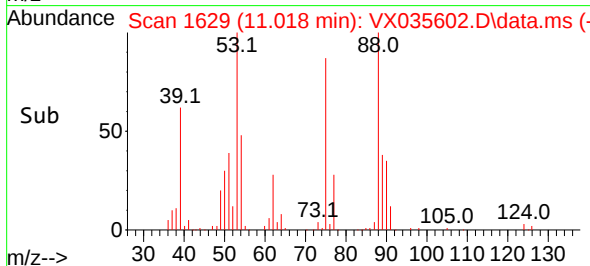
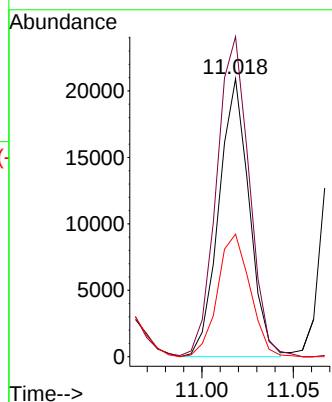
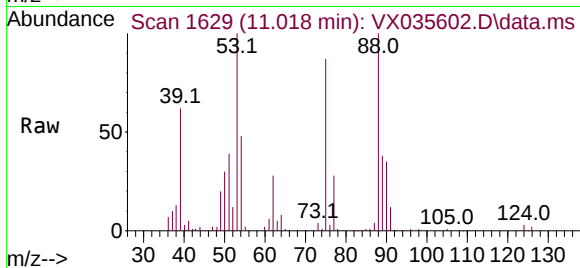
#81
trans-1,4-Dichloro-2-butene
Concen: 20.720 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 2412
Ion Ratio Lower Upper
75 100
53 124.0 82.6 124.0
89 47.4 36.9 55.3

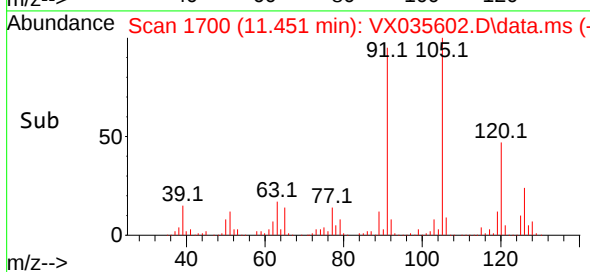
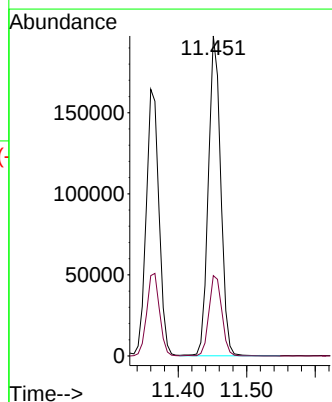
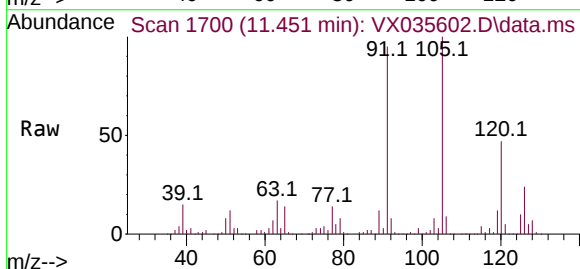
Manual Integrations
APPROVED

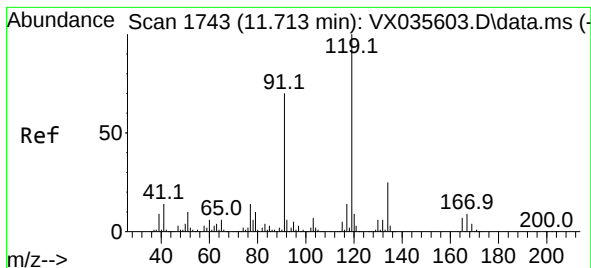
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#82
4-Chlorotoluene
Concen: 22.601 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

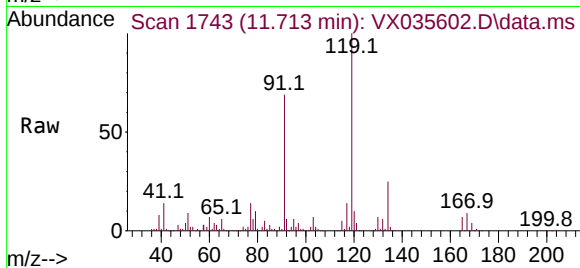
Tgt Ion: 91 Resp: 247586
Ion Ratio Lower Upper
91 100
126 26.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 22.336 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

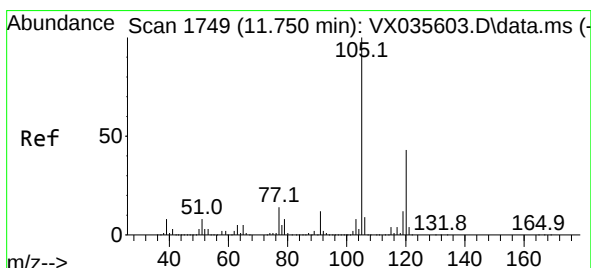
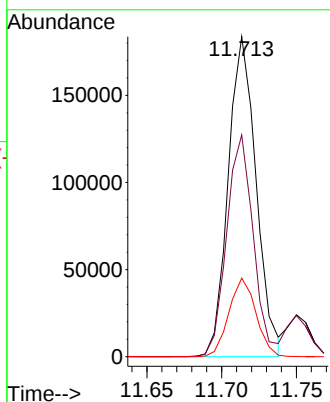
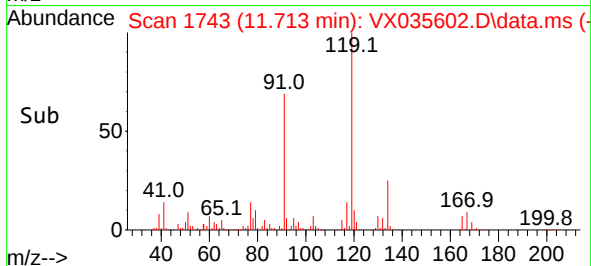
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



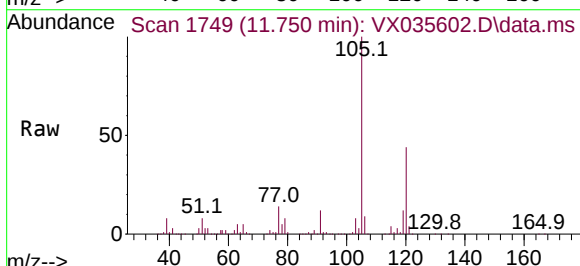
Tgt Ion:119 Resp: 238498
Ion Ratio Lower Upper
119 100
91 66.3 30.6 92.0
134 23.8 11.8 35.4

Manual Integrations
APPROVED

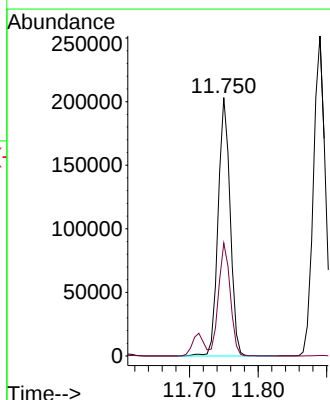
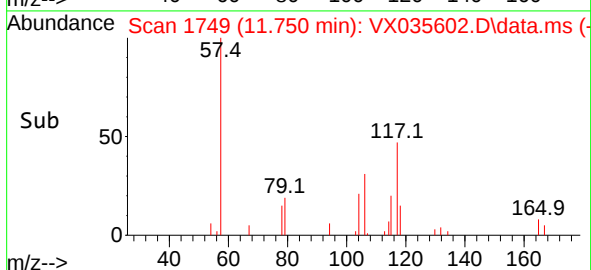
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023

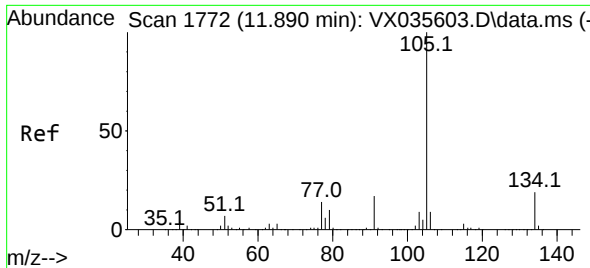


#84
1,2,4-Trimethylbenzene
Concen: 22.353 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47



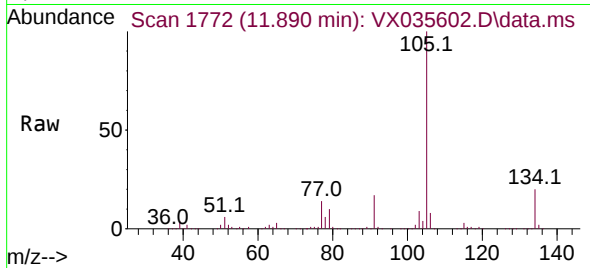
Tgt Ion:105 Resp: 246557
Ion Ratio Lower Upper
105 100
120 42.9 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 22.640 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035602.D
 Acq: 11 May 2023 11:47

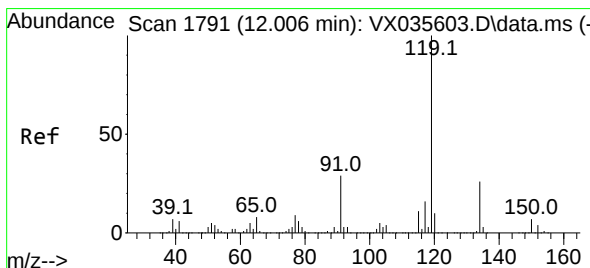
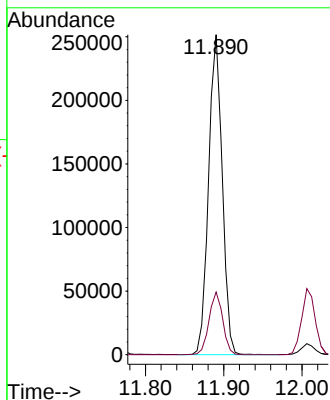
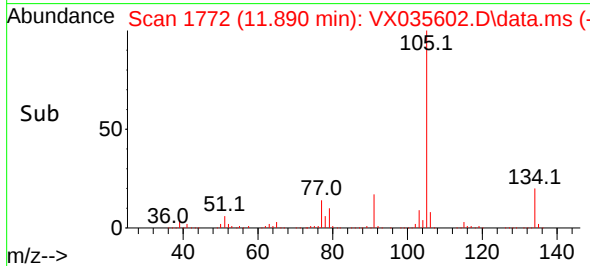
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



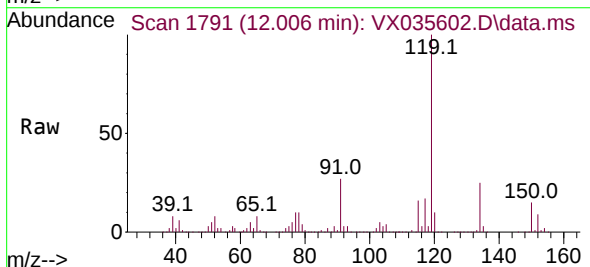
Tgt Ion:105 Resp: 30353
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.2 30.4

Manual Integrations
 APPROVED

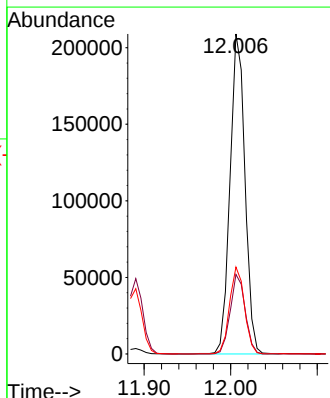
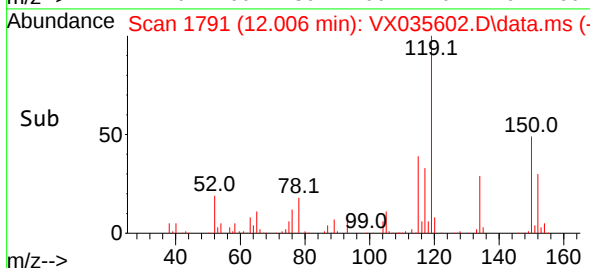
Reviewed By :John Carlone 05/11/2023
 Supervised By :Mahesh Dadoda 05/12/2023

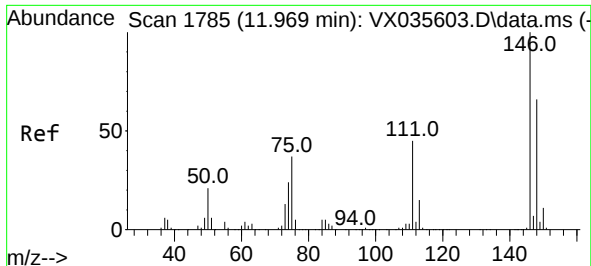


#86
 p-Isopropyltoluene
 Concen: 22.704 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035602.D
 Acq: 11 May 2023 11:47



Tgt Ion:119 Resp: 250250
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.2 39.5
 91 27.2 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 21.972 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 12244

Ion Ratio Lower Upper

146 100

111 44.7 20.9 62.8

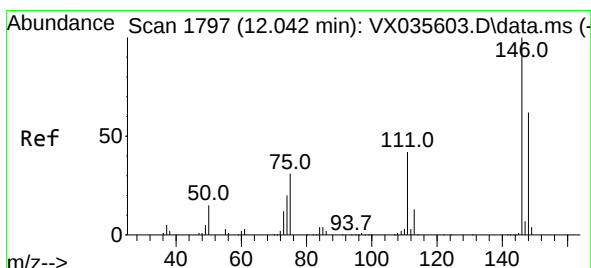
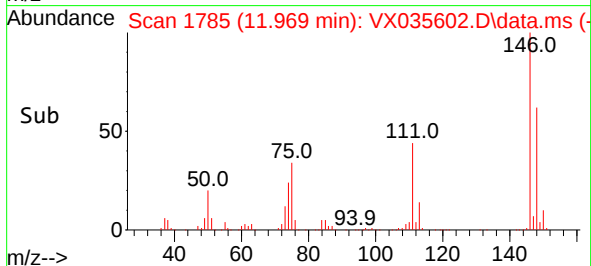
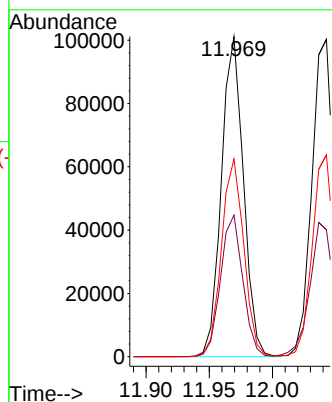
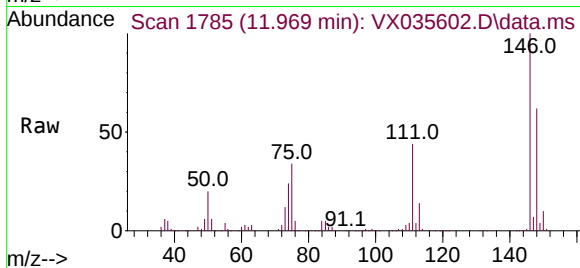
148 62.6 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#88

1,4-Dichlorobenzene

Concen: 21.849 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

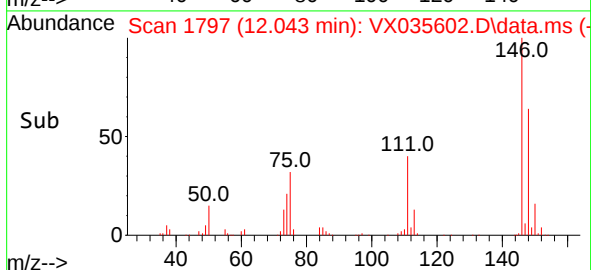
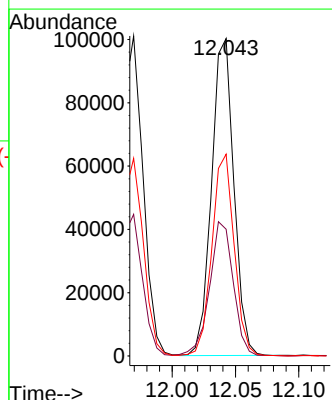
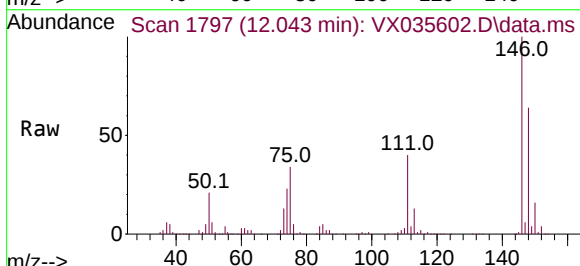
Tgt Ion:146 Resp: 122950

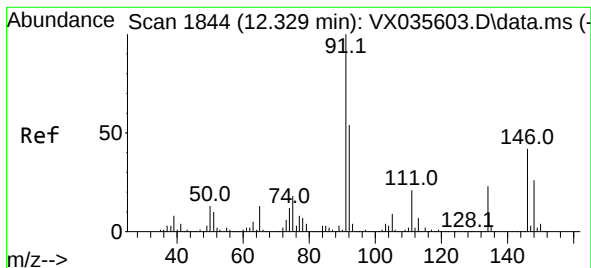
Ion Ratio Lower Upper

146 100

111 45.0 20.6 61.9

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 22.276 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 22335

Ion Ratio Lower Upper

91 100

92 54.1 27.7 83.0

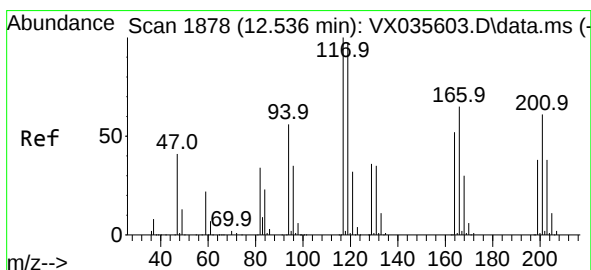
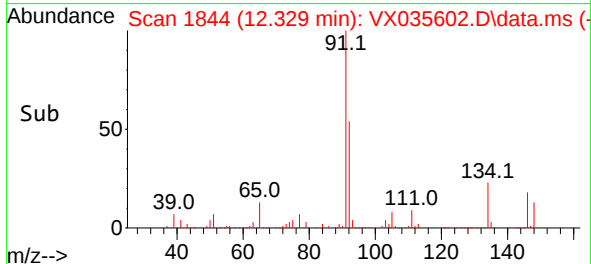
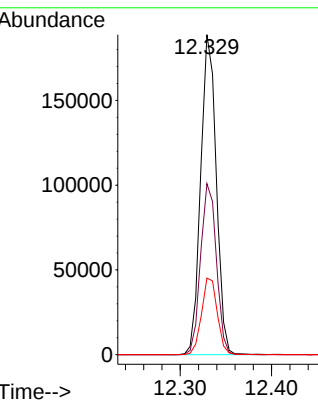
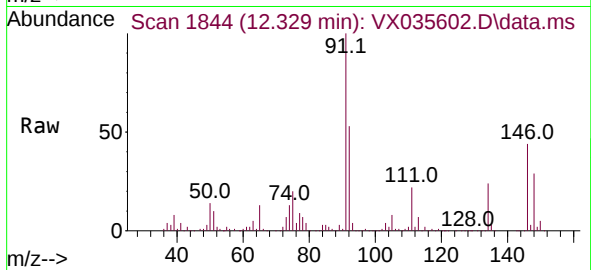
134 24.2 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#90

Hexachloroethane

Concen: 21.183 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035602.D

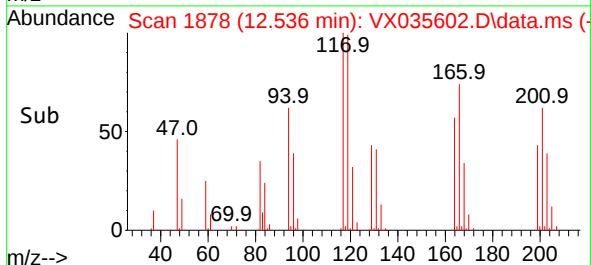
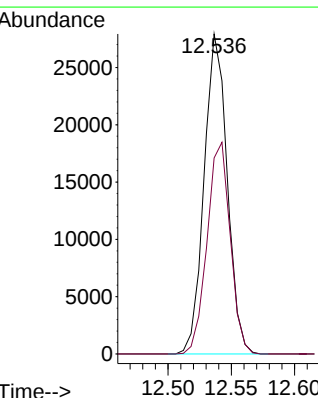
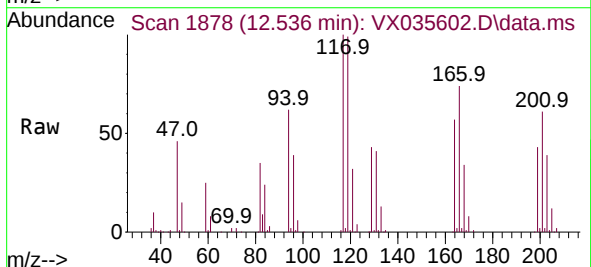
Acq: 11 May 2023 11:47

Tgt Ion:117 Resp: 35389

Ion Ratio Lower Upper

117 100

201 66.4 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 22.022 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 12018

Ion Ratio Lower Upper

146 100

111 46.7 22.0 66.0

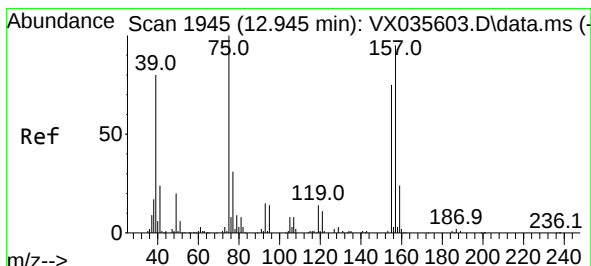
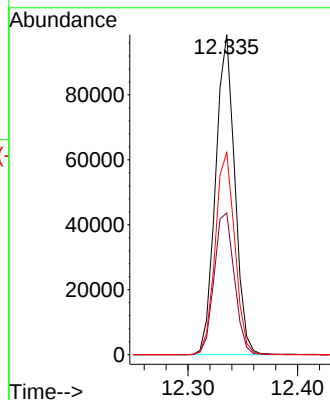
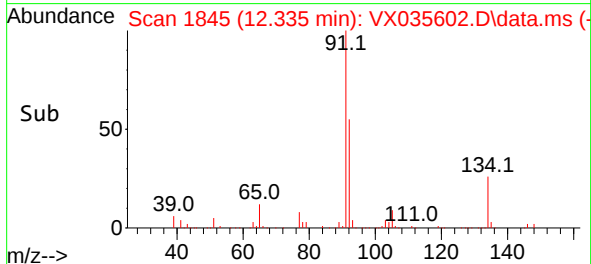
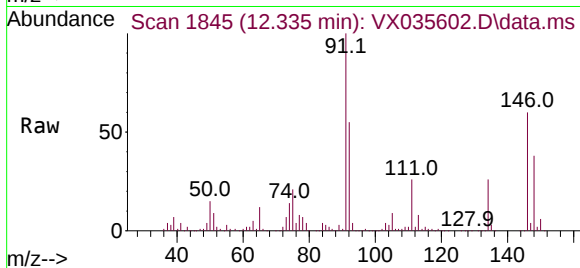
148 64.4 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.898 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

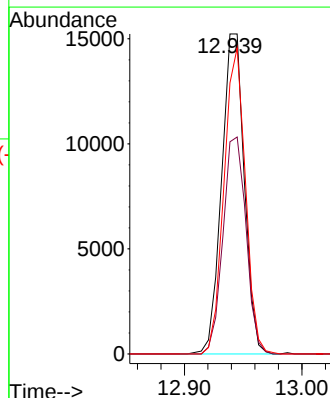
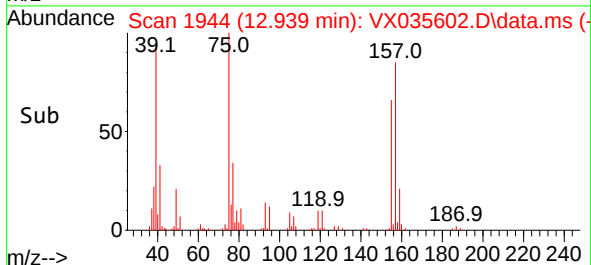
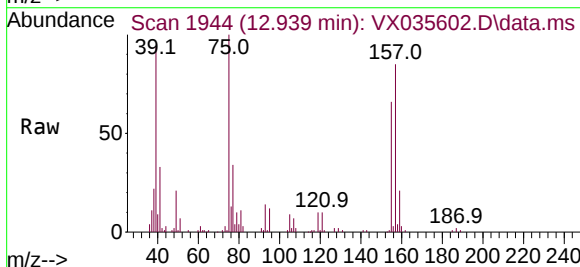
Tgt Ion: 75 Resp: 20445

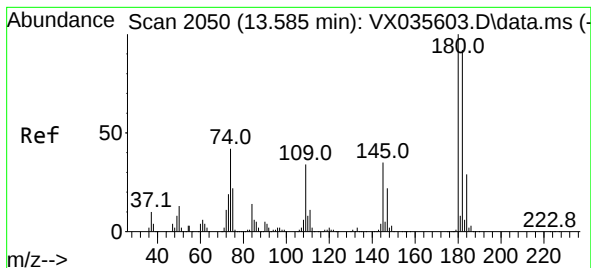
Ion Ratio Lower Upper

75 100

155 68.7 38.4 115.1

157 90.0 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 22.525 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

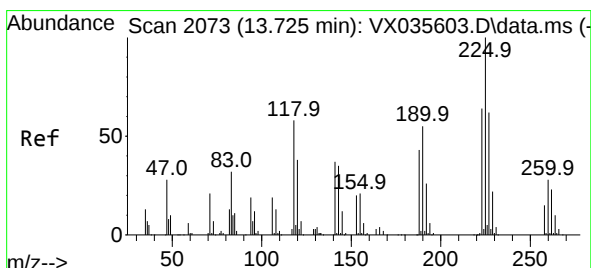
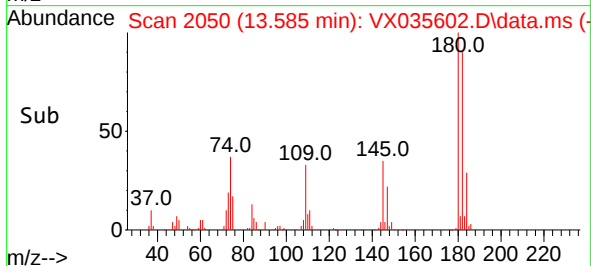
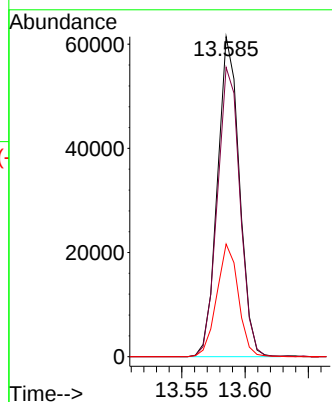
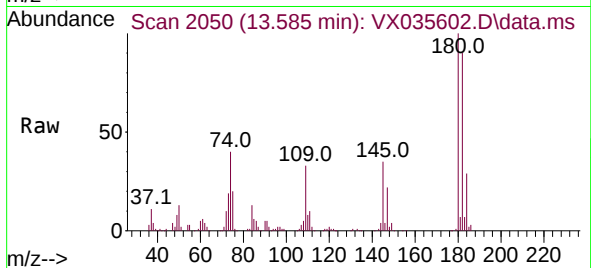
Tgt Ion:180	Resp:	7401
Ion Ratio	Lower	Upper
180	100	
182	93.2	47.0 141.0
145	34.7	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#94

Hexachlorobutadiene

Concen: 22.234 ug/l

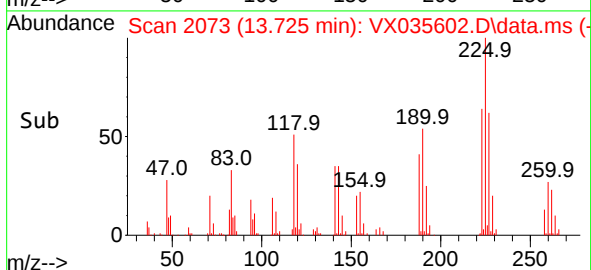
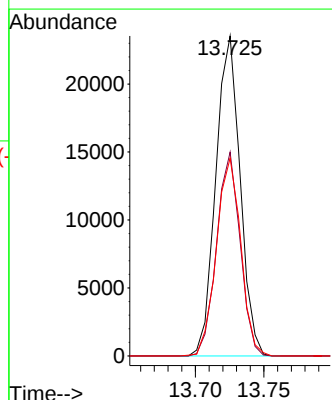
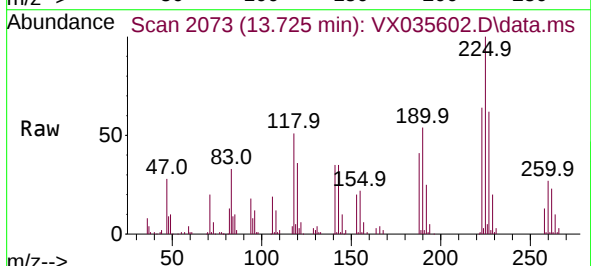
RT: 13.725 min Scan# 2073

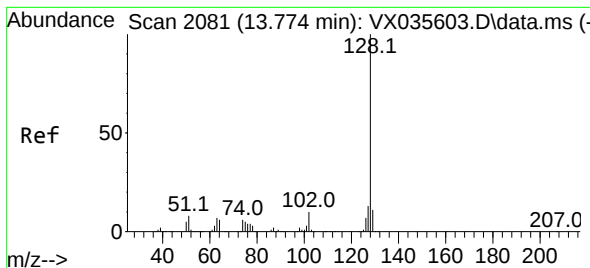
Delta R.T. 0.000 min

Lab File: VX035602.D

Acq: 11 May 2023 11:47

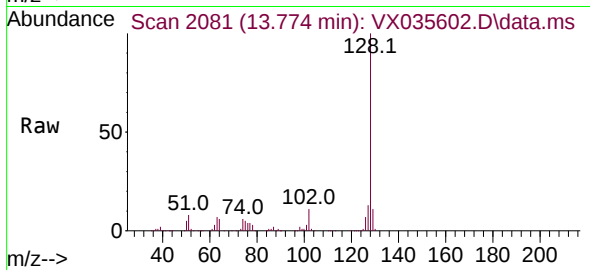
Tgt Ion:225	Resp:	28999
Ion Ratio	Lower	Upper
225	100	
223	61.4	32.1 96.5
227	61.9	31.8 95.4





#95
Naphthalene
Concen: 22.926 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

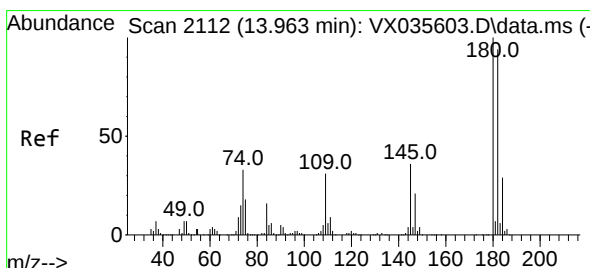
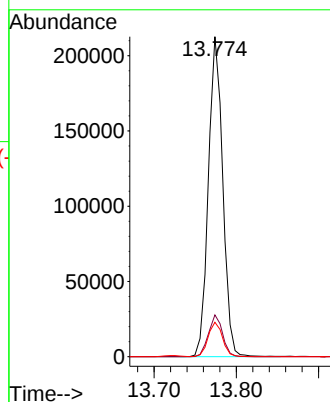
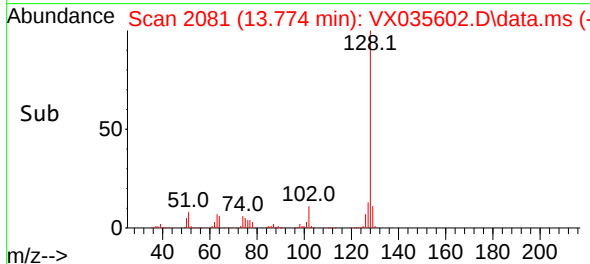
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 25798
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 22.148 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035602.D
Acq: 11 May 2023 11:47

Tgt Ion:180 Resp: 71576
Ion Ratio Lower Upper
180 100
182 94.5 48.0 144.2
145 37.2 17.7 53.1

