

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036618.D
 Acq On : 21 Jul 2023 18:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 21 23:07:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	184078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	317130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125763	46.173	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.340%		
35) Dibromofluoromethane	5.385	113	102004	46.796	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.600%		
50) Toluene-d8	8.647	98	372458	48.184	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.360%		
62) 4-Bromofluorobenzene	11.079	95	145877	50.020	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	109237	44.921	ug/l	99
3) Chloromethane	1.295	50	97229	43.960	ug/l	100
4) Vinyl Chloride	1.374	62	105787	46.978	ug/l	98
5) Bromomethane	1.618	94	63077	46.919	ug/l	100
6) Chloroethane	1.685	64	56252	51.381	ug/l	100
7) Trichlorofluoromethane	1.886	101	166614	47.912	ug/l	100
8) Diethyl Ether	2.136	74	62355	46.347	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	101786	48.719	ug/l	98
10) Methyl Iodide	2.453	142	108647	50.067	ug/l	91
11) Tert butyl alcohol	2.989	59	162478	251.974	ug/l	97
12) 1,1-Dichloroethene	2.319	96	97977	47.533	ug/l	91
13) Acrolein	2.239	56	86014	233.735	ug/l	99
14) Allyl chloride	2.666	41	189994	46.810	ug/l	94
15) Acrylonitrile	3.069	53	323803	249.701	ug/l	99
16) Acetone	2.392	43	261587	231.445	ug/l	93
17) Carbon Disulfide	2.514	76	260378	45.770	ug/l	99
18) Methyl Acetate	2.709	43	237528	49.957	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	378370	48.849	ug/l	100
20) Methylene Chloride	2.788	84	114510	45.556	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	107519	46.673	ug/l	92
22) Diisopropyl ether	3.757	45	372547	48.342	ug/l	99
23) Vinyl Acetate	3.721	43	1453327	245.847	ug/l	96
24) 1,1-Dichloroethane	3.611	63	208604	48.279	ug/l	98
25) 2-Butanone	4.562	43	452274	246.640	ug/l	96
26) 2,2-Dichloropropane	4.477	77	185506	45.564	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	129236	47.232	ug/l	95
28) Bromochloromethane	4.904	49	101097	48.379	ug/l	92
29) Tetrahydrofuran	5.013	42	295920	250.303	ug/l	95
30) Chloroform	5.099	83	215336	48.713	ug/l	98
31) Cyclohexane	5.471	56	177768	47.138	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	192177	47.446	ug/l	98
36) 1,1-Dichloropropene	5.696	75	154847	47.661	ug/l	99
37) Ethyl Acetate	4.715	43	184688	50.224	ug/l	97
38) Carbon Tetrachloride	5.678	117	168103	48.668	ug/l	99
39) Methylcyclohexane	7.379	83	192110	47.553	ug/l	97
40) Benzene	6.038	78	457437	48.393	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	100304	50.999	ug/l	96
42) 1,2-Dichloroethane	6.086	62	170467	49.324	ug/l	96
43) Isopropyl Acetate	6.342	43	312299	49.336	ug/l	96
44) Trichloroethene	7.129	130	119180	48.235	ug/l	100
45) 1,2-Dichloropropane	7.434	63	122186	48.414	ug/l	99
46) Dibromomethane	7.580	93	86363	48.895	ug/l	97
47) Bromodichloromethane	7.824	83	178093	49.121	ug/l	99
48) Methyl methacrylate	7.690	41	146651	49.817	ug/l	93
49) 1,4-Dioxane	7.702	88	58935	991.007	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	893556	255.084	ug/l	96
52) Toluene	8.720	92	289460	48.871	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	202405	49.393	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	211236	48.851	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	121084	48.633	ug/l	96
56) Ethyl methacrylate	9.116	69	205441	50.674	ug/l	95
57) 1,3-Dichloropropane	9.311	76	207914	50.138	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	490016	245.300	ug/l	99
59) 2-Hexanone	9.433	43	668366	257.085	ug/l	95
60) Dibromochloromethane	9.519	129	136387	49.840	ug/l	99
61) 1,2-Dibromoethane	9.610	107	129545	50.204	ug/l	100
64) Tetrachloroethene	9.275	164	103706	47.993	ug/l	98
65) Chlorobenzene	10.080	112	308961	48.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	120874	48.972	ug/l	98
67) Ethyl Benzene	10.195	91	564286	48.370	ug/l	100
68) m/p-Xylenes	10.299	106	422852	97.148	ug/l	98
69) o-Xylene	10.640	106	210745	48.506	ug/l	99
70) Styrene	10.653	104	351921	49.094	ug/l	98
71) Bromoform	10.799	173	100234	50.167	ug/l #	100
73) Isopropylbenzene	10.964	105	550306	47.811	ug/l	98
74) N-amyl acetate	10.842	43	258638	48.187	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	185430	47.699	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	158479m	48.445	ug/l	
77) Bromobenzene	11.195	156	126155	48.128	ug/l	98
78) n-propylbenzene	11.305	91	642798	48.289	ug/l	100
79) 2-Chlorotoluene	11.366	91	385443	47.785	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	463748	48.162	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	70080	48.556	ug/l	85
82) 4-Chlorotoluene	11.451	91	440866	47.969	ug/l	100
83) tert-Butylbenzene	11.713	119	465810	49.243	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	465459	48.335	ug/l	97
85) sec-Butylbenzene	11.890	105	578927	49.074	ug/l	99
86) p-Isopropyltoluene	12.006	119	475891	49.026	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	236600	48.735	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	236084	49.001	ug/l	99
89) n-Butylbenzene	12.329	91	427640	49.213	ug/l	100
90) Hexachloroethane	12.536	117	95879	48.722	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	225795	48.196	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43191	47.811	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	141996	49.196	ug/l	96
94) Hexachlorobutadiene	13.725	225	56403	47.234	ug/l	100
95) Naphthalene	13.774	128	497664	49.478	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	138393	48.647	ug/l	98

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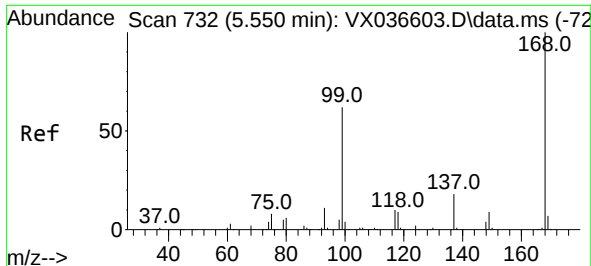
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

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Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

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



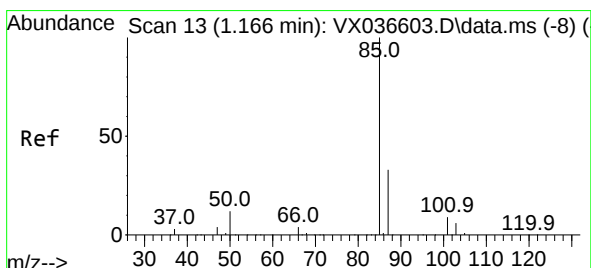
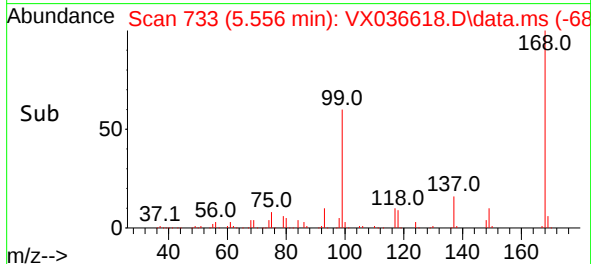
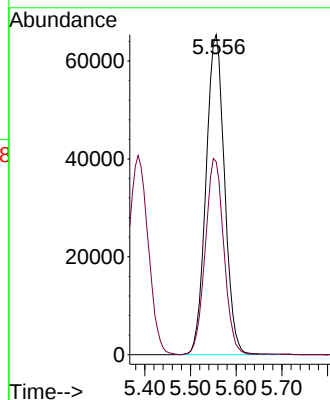
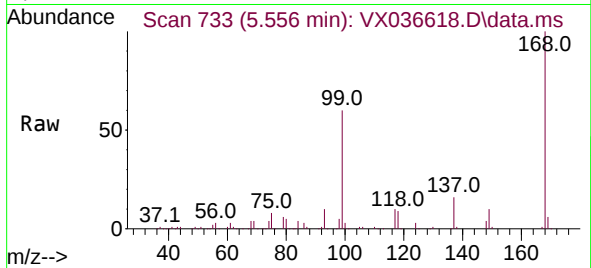
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036618.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 184078
Ion Ratio Lower Upper
168 100
99 60.3 56.6 85.0

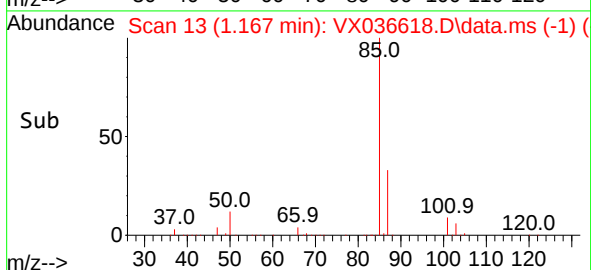
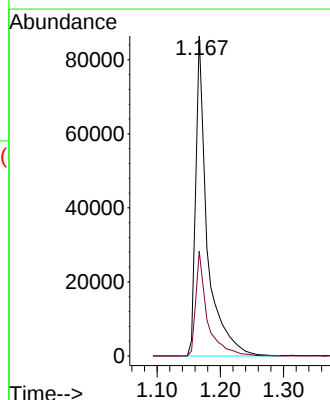
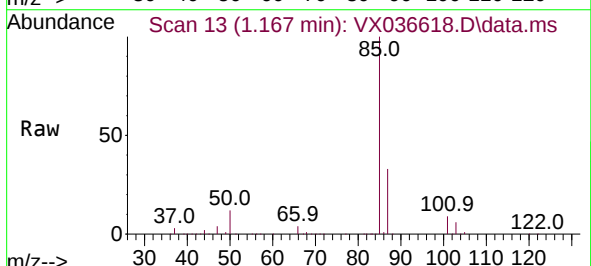
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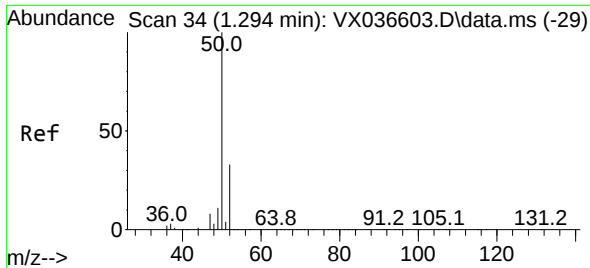
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#2
Dichlorodifluoromethane
Concen: 44.921 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

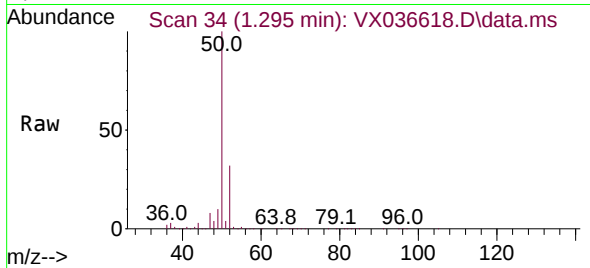
Tgt Ion: 85 Resp: 109237
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





#3
Chloromethane
Concen: 43.960 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

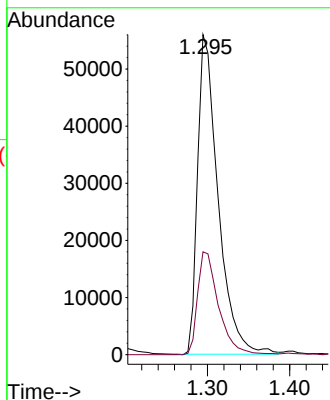
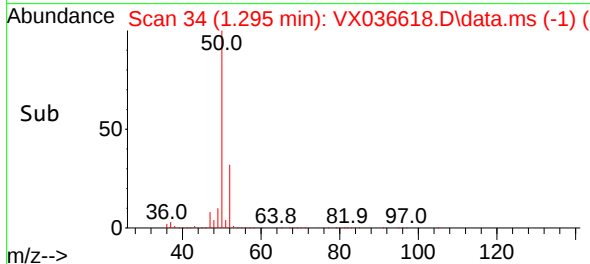
Instrument :
MSVOA_X
ClientSampleId :
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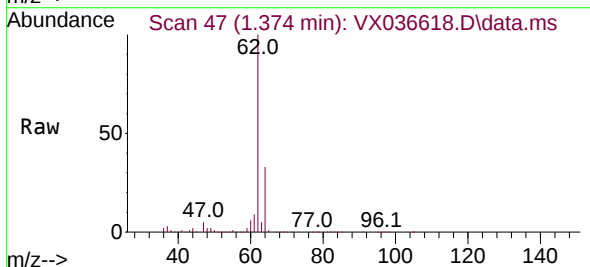
Tgt Ion: 50 Resp: 97229
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

Manual Integrations
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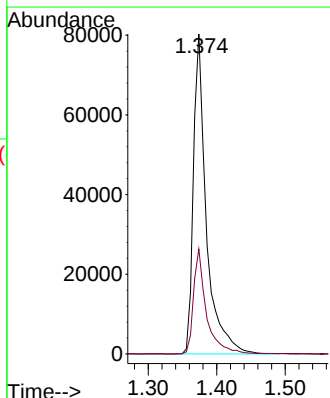
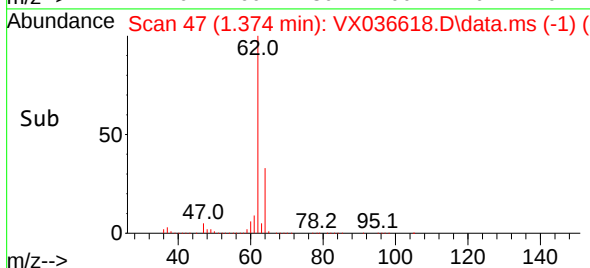
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#4
Vinyl Chloride
Concen: 46.978 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036618.D
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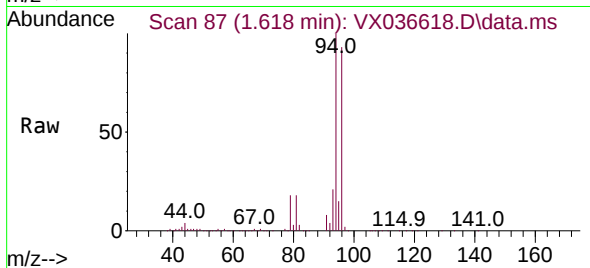
Tgt Ion: 62 Resp: 105787
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0





#5
Bromomethane
Concen: 46.919 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

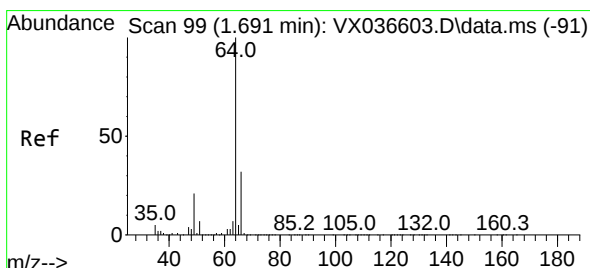
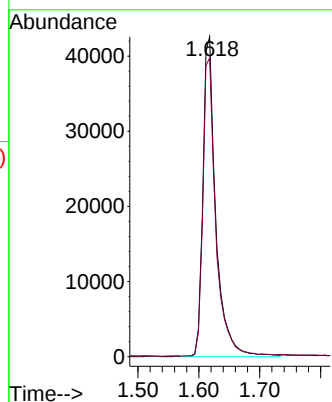
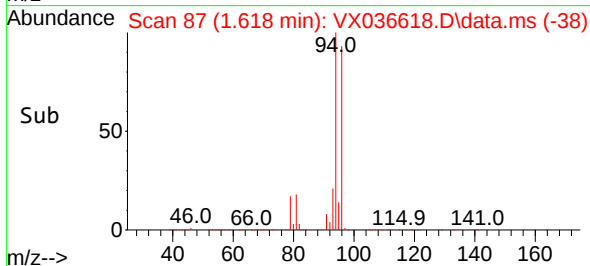
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 63072
Ion Ratio Lower Upper
94 100
96 93.1 74.6 111.8

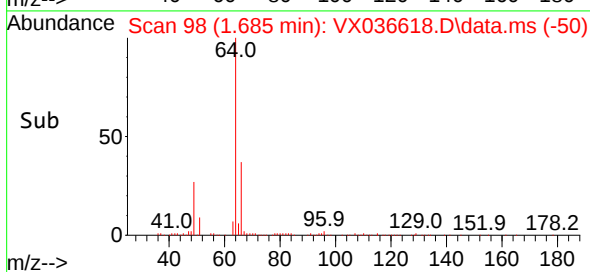
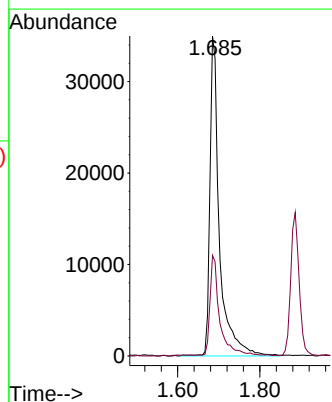
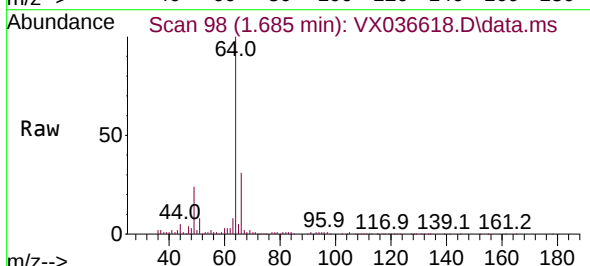
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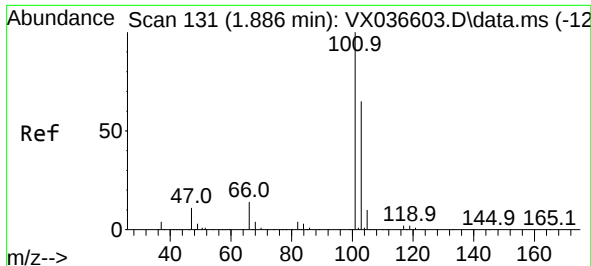
Reviewed By :John Carlone 07/24/2023
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#6
Chloroethane
Concen: 51.381 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

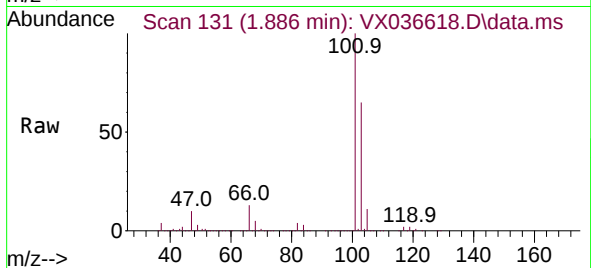
Tgt Ion: 64 Resp: 56252
Ion Ratio Lower Upper
64 100
66 31.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 47.912 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX036618.D
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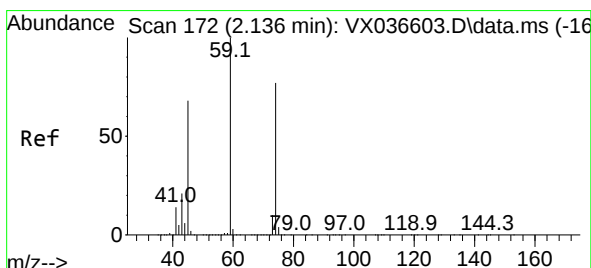
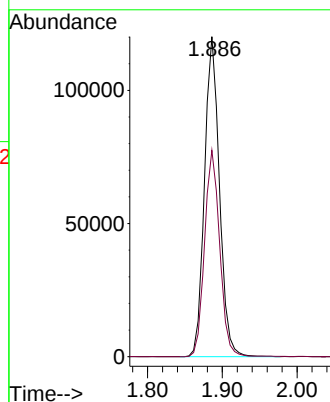
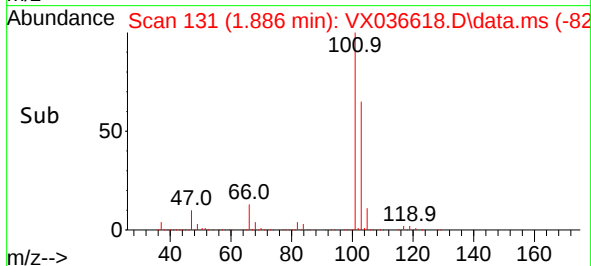
Instrument :
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Tgt Ion:101 Resp: 166614
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

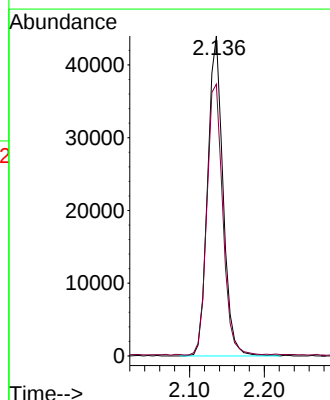
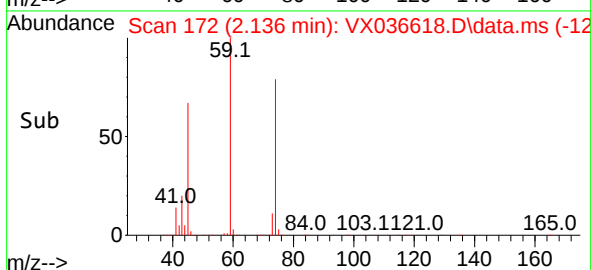
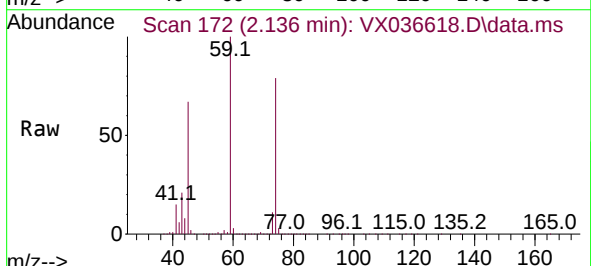
Manual Integrations
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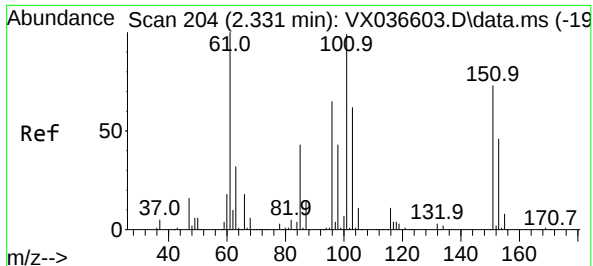
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#8
Diethyl Ether
Concen: 46.347 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX036618.D
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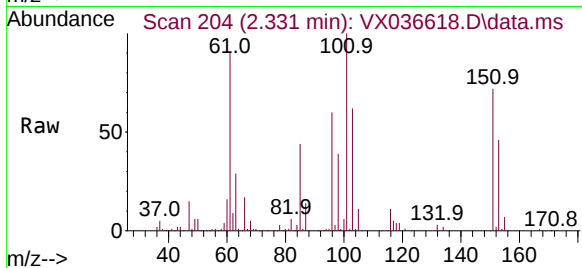
Tgt Ion: 74 Resp: 62355
Ion Ratio Lower Upper
74 100
45 88.1 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.719 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036618.D
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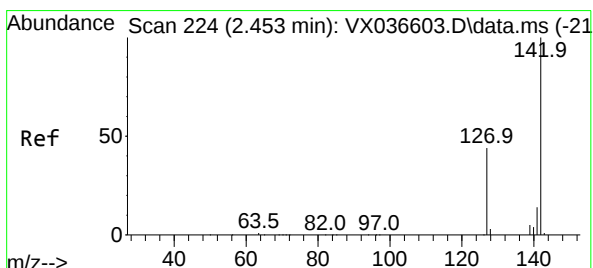
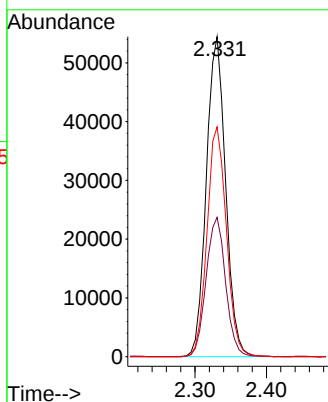
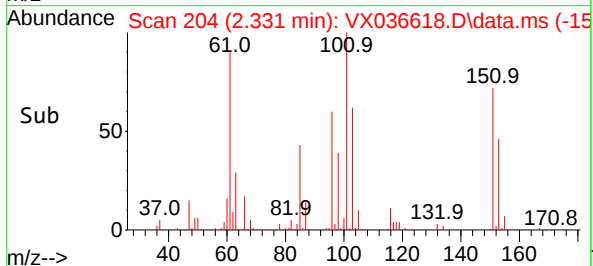
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Tgt Ion:101 Resp: 101780
Ion Ratio Lower Upper
101 100
85 44.2 37.0 55.6
151 72.3 58.6 87.8

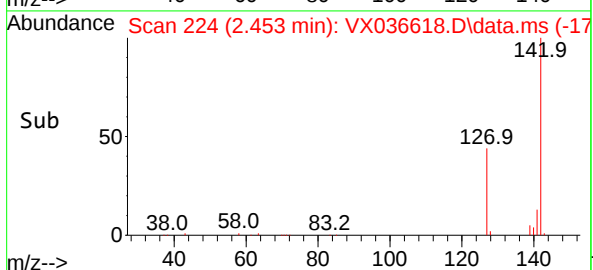
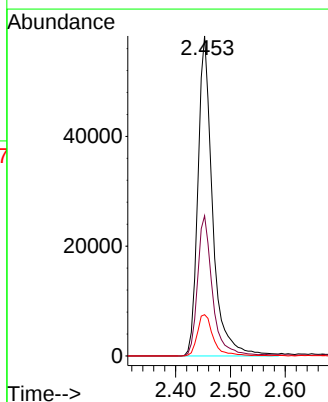
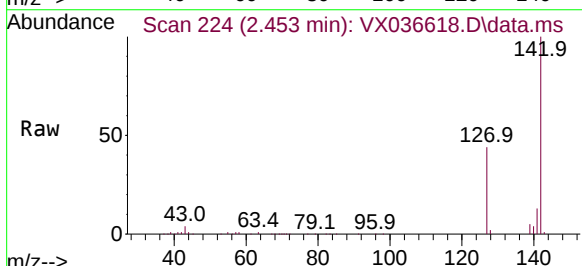
Manual Integrations
APPROVED

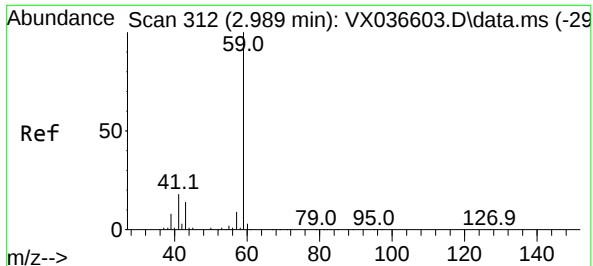
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#10
Methyl Iodide
Concen: 50.067 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

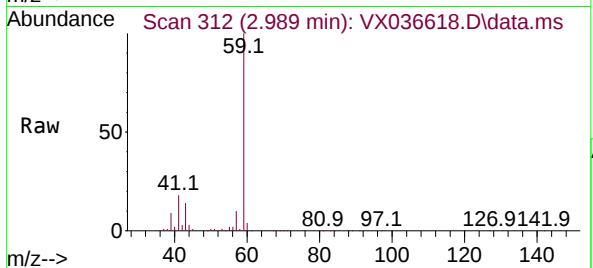
Tgt Ion:142 Resp: 108647
Ion Ratio Lower Upper
142 100
127 44.3 41.6 62.4
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 251.974 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

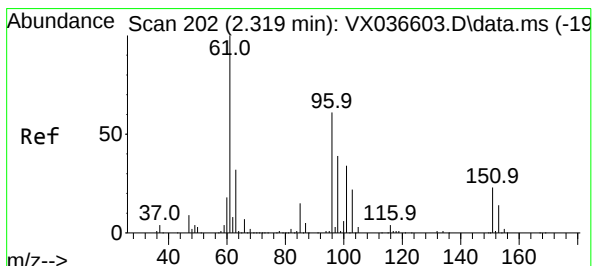
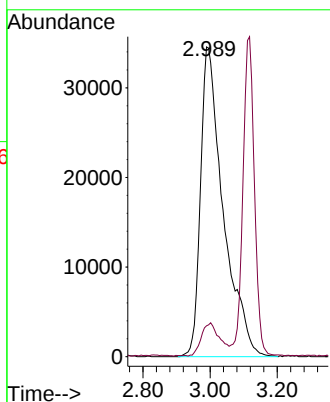
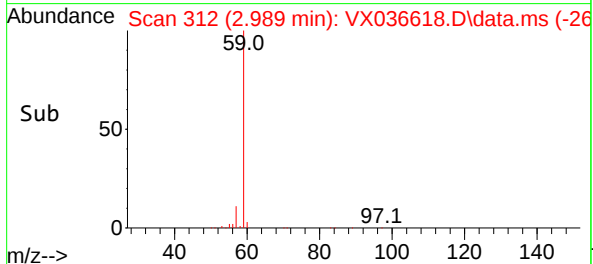
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



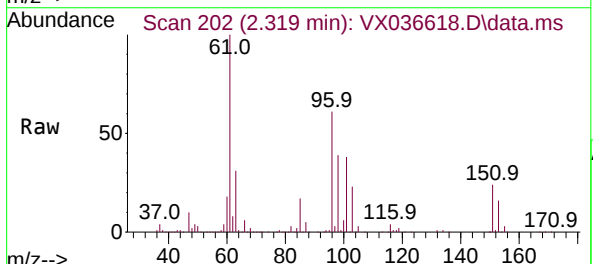
Tgt Ion: 59 Resp: 162478
Ion Ratio Lower Upper
59 100
57 8.7 6.0 9.0

Manual Integrations
APPROVED

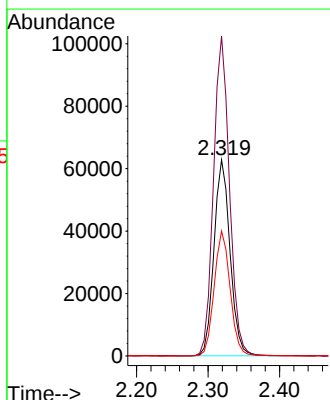
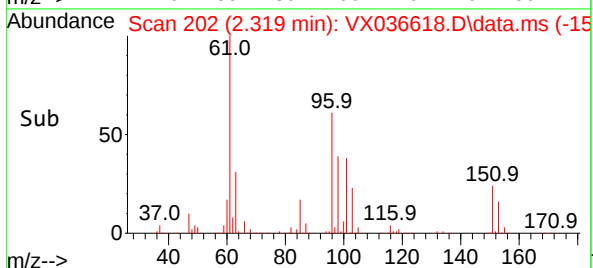
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#12
1,1-Dichloroethene
Concen: 47.533 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52



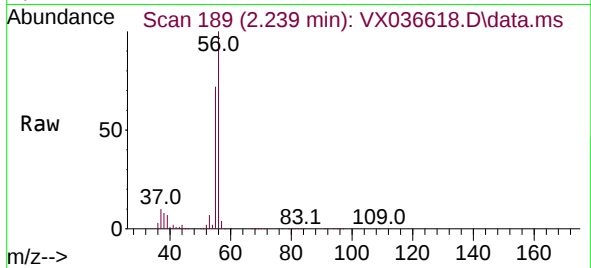
Tgt Ion: 96 Resp: 97977
Ion Ratio Lower Upper
96 100
61 163.3 144.6 216.8
98 63.7 50.4 75.6





#13
Acrolein
Concen: 233.735 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

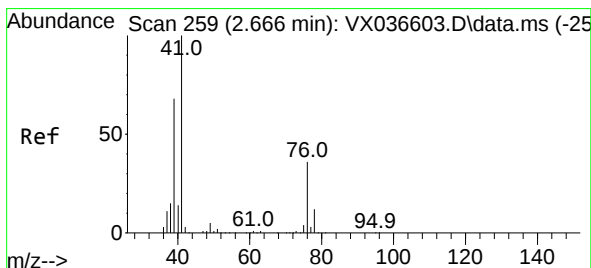
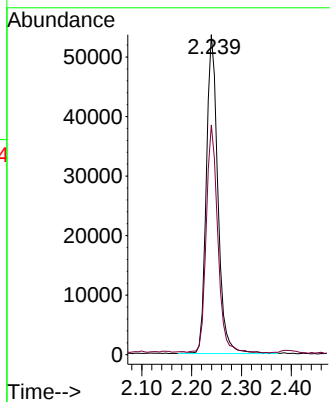
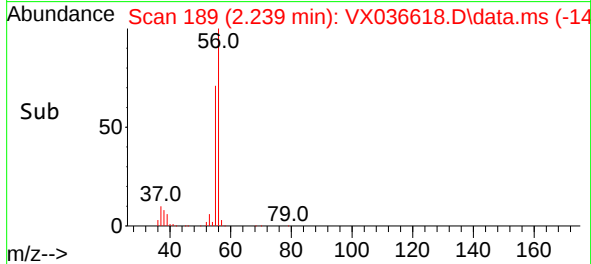
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 86014
Ion Ratio Lower Upper
56 100
55 72.0 57.1 85.7

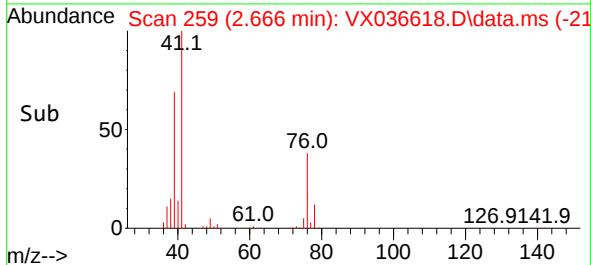
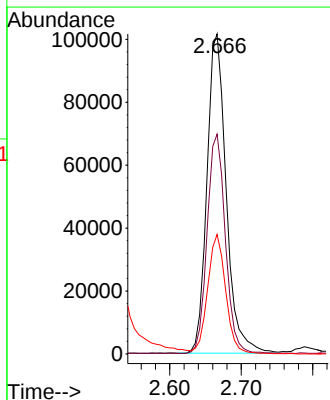
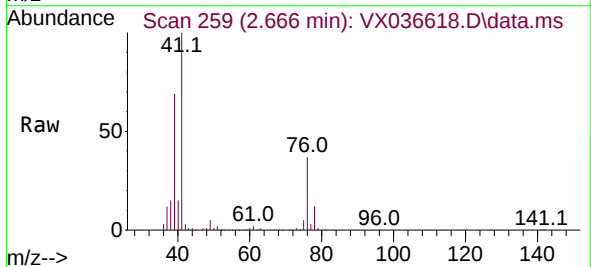
Manual Integrations
APPROVED

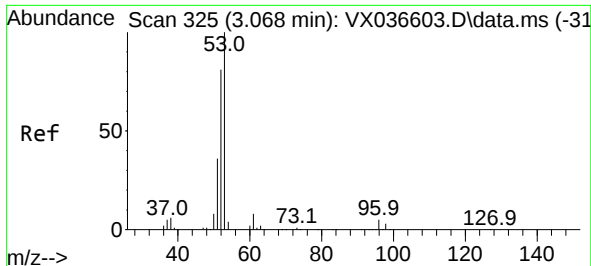
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#14
Allyl chloride
Concen: 46.810 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

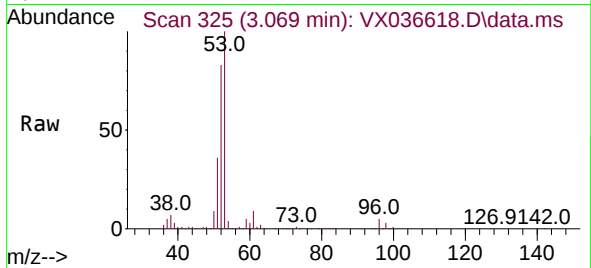
Tgt Ion: 41 Resp: 189994
Ion Ratio Lower Upper
41 100
39 65.2 55.8 83.6
76 34.9 24.3 36.5





#15
Acrylonitrile
Concen: 249.701 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

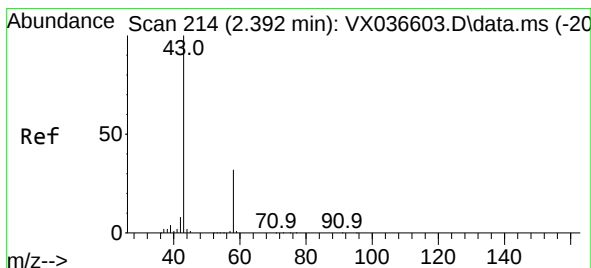
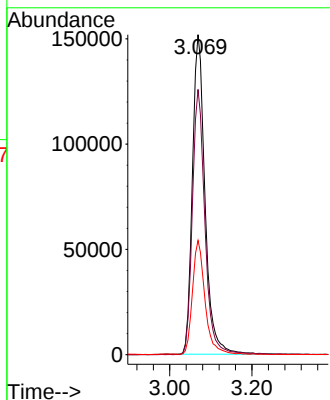
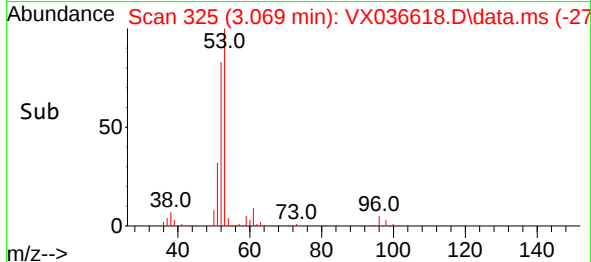
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



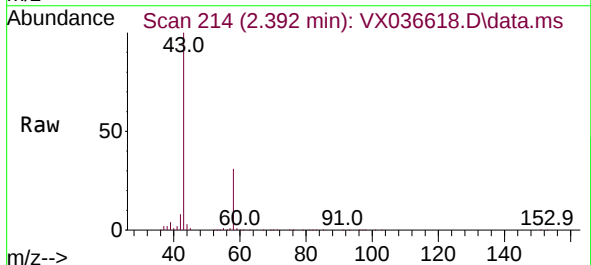
Tgt Ion: 53 Resp: 32380
Ion Ratio Lower Upper
53 100
52 82.9 66.0 99.0
51 35.2 29.8 44.6

Manual Integrations
APPROVED

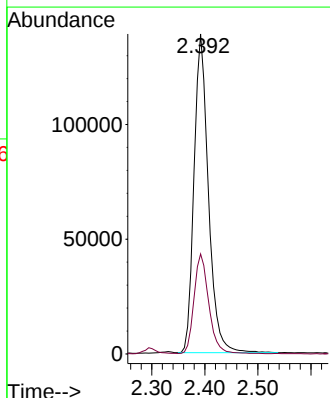
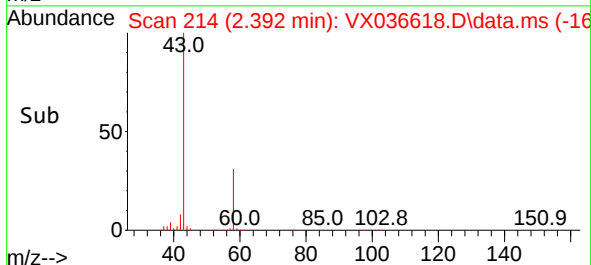
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

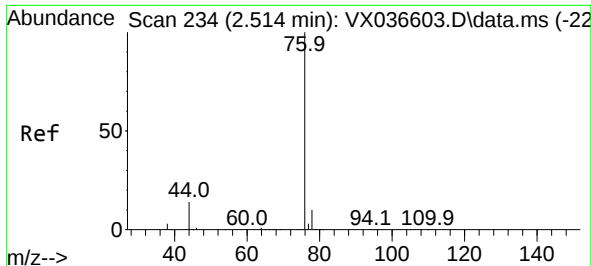


#16
Acetone
Concen: 231.445 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52



Tgt Ion: 43 Resp: 261587
Ion Ratio Lower Upper
43 100
58 31.2 21.9 32.9





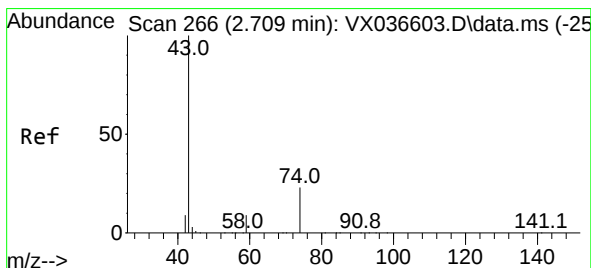
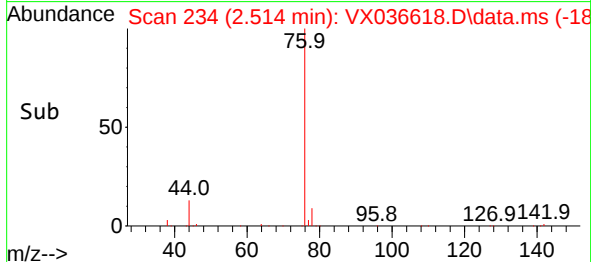
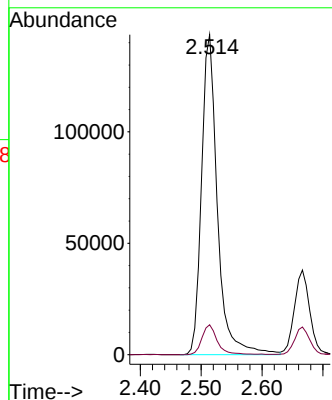
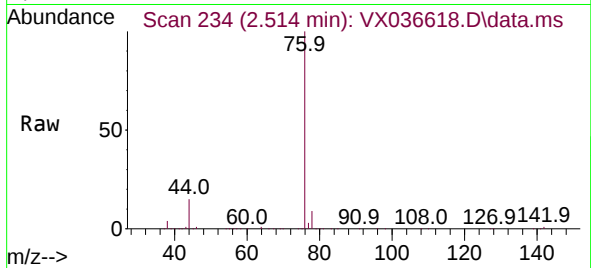
#17
Carbon Disulfide
Concen: 45.770 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 260378
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

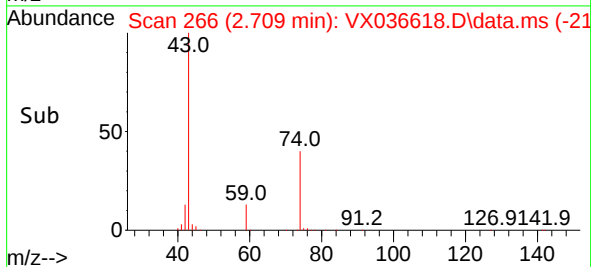
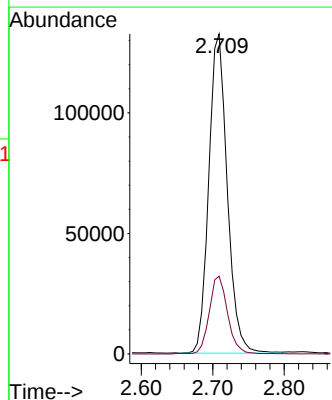
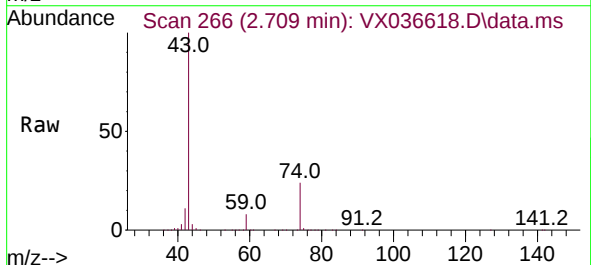
Manual Integrations
APPROVED

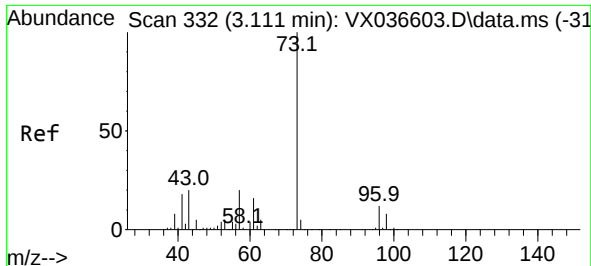
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#18
Methyl Acetate
Concen: 49.957 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

Tgt Ion: 43 Resp: 237528
Ion Ratio Lower Upper
43 100
74 24.3 17.8 26.8





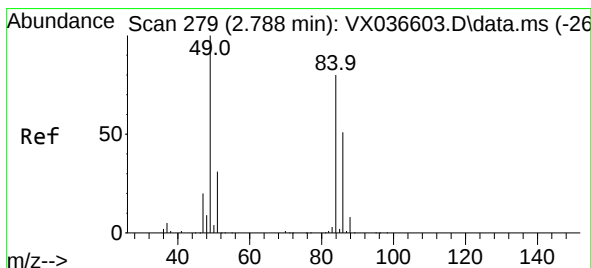
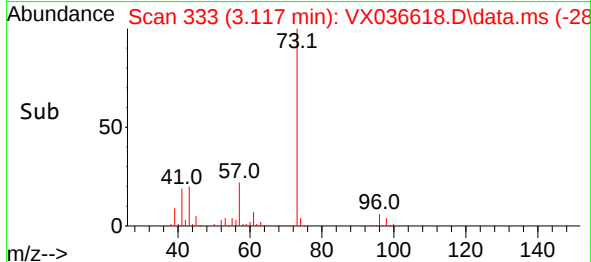
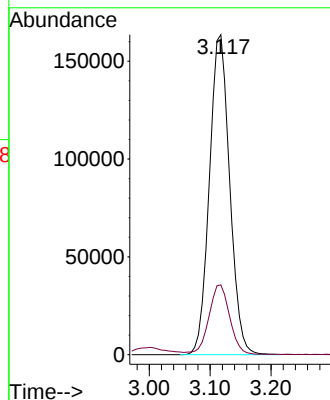
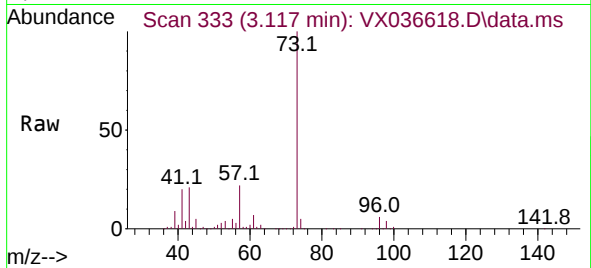
#19
Methyl tert-butyl Ether
Concen: 48.849 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 378370
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

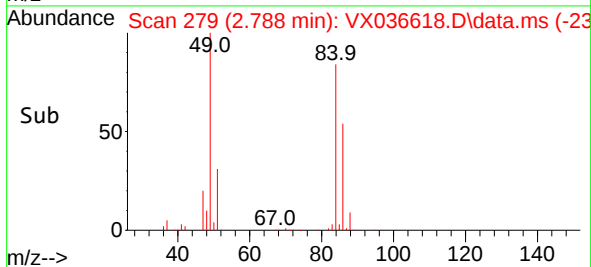
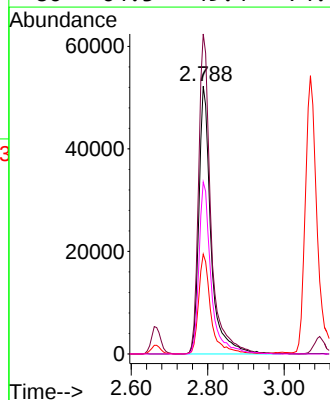
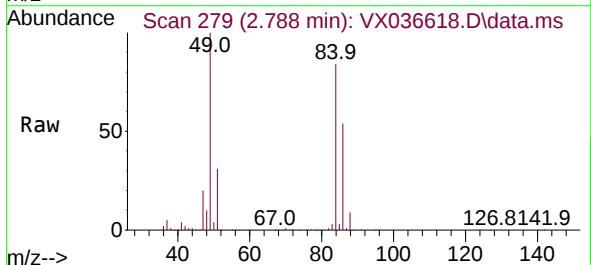
Manual Integrations
APPROVED

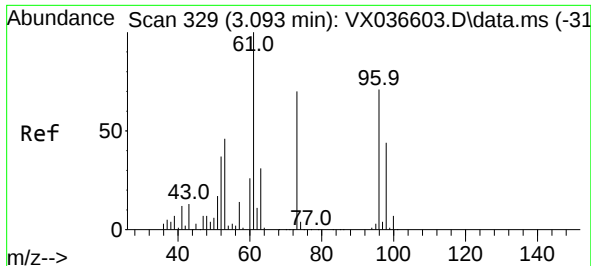
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#20
Methylene Chloride
Concen: 45.556 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

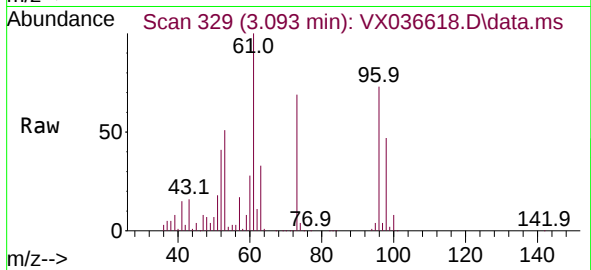
Tgt Ion: 84 Resp: 114510
Ion Ratio Lower Upper
84 100
49 119.5 103.6 155.4
51 37.2 33.8 50.6
86 64.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 46.673 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

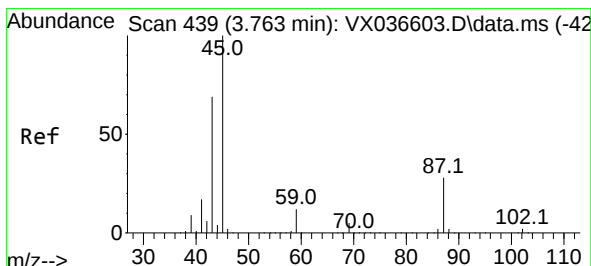
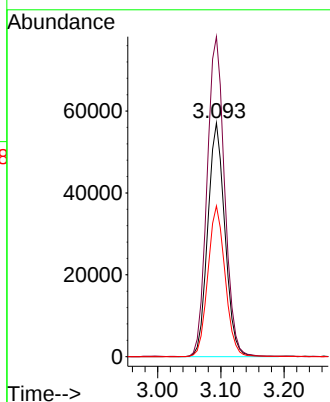
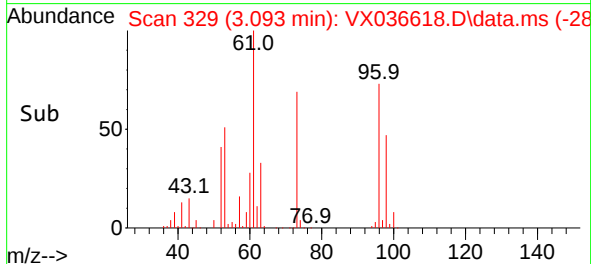
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



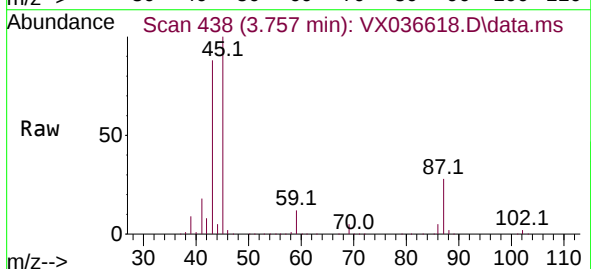
Tgt Ion: 96 Resp: 107519
Ion Ratio Lower Upper
96 100
61 136.8 119.2 178.8
98 64.5 48.7 73.1

Manual Integrations
APPROVED

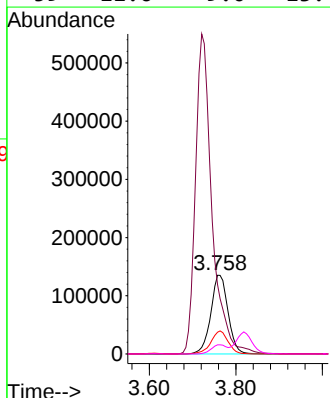
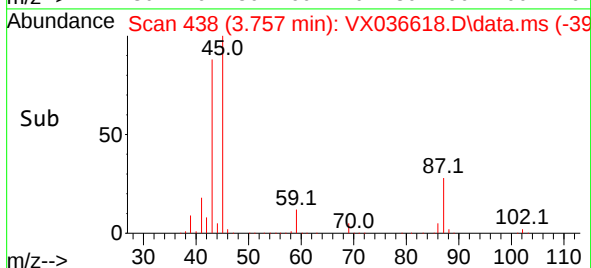
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

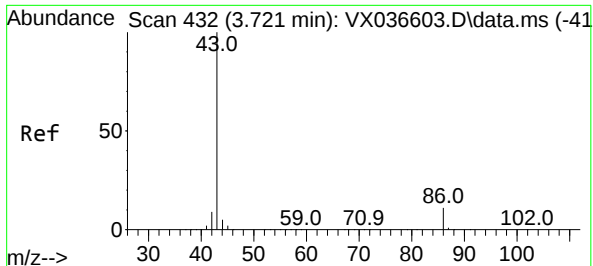


#22
Diisopropyl ether
Concen: 48.342 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52



Tgt Ion: 45 Resp: 372547
Ion Ratio Lower Upper
45 100
43 87.7 69.7 104.5
87 27.7 20.8 31.2
59 11.6 9.0 13.4





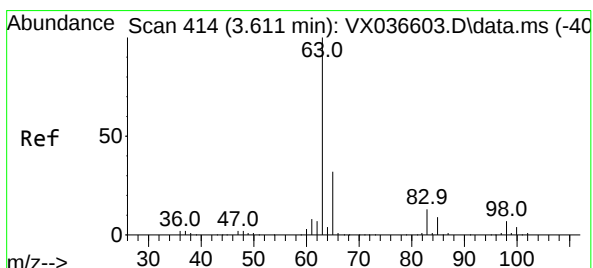
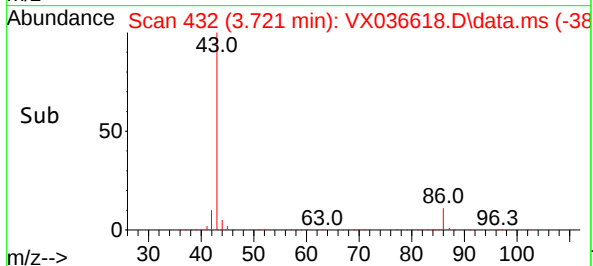
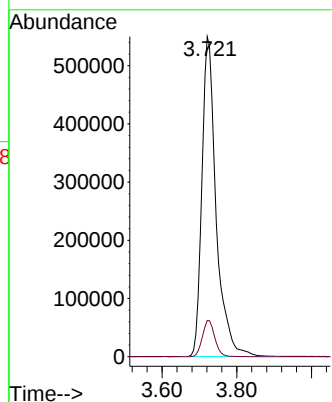
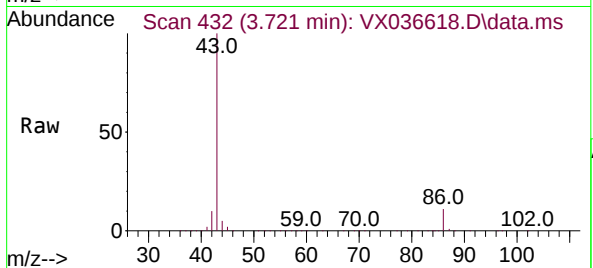
#23
 Vinyl Acetate
 Concen: 245.847 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036618.D
 Acq: 21 Jul 2023 18:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 145332
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8

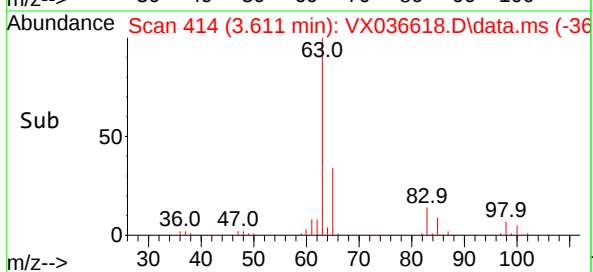
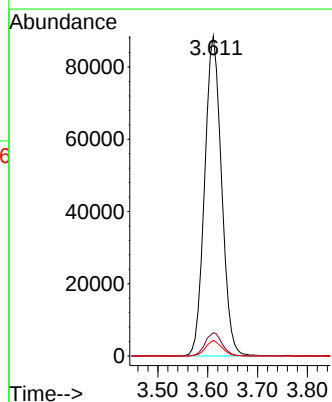
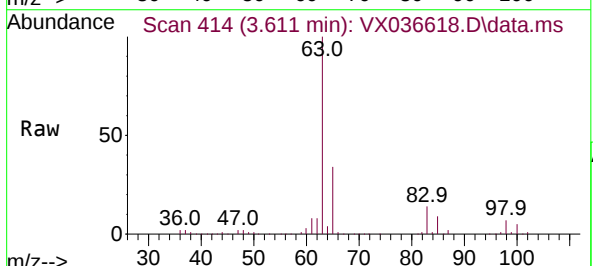
Manual Integrations
 APPROVED

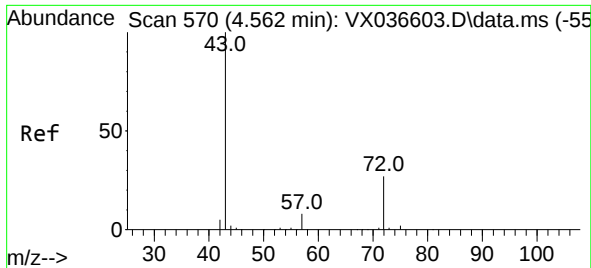
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#24
 1,1-Dichloroethane
 Concen: 48.279 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036618.D
 Acq: 21 Jul 2023 18:52

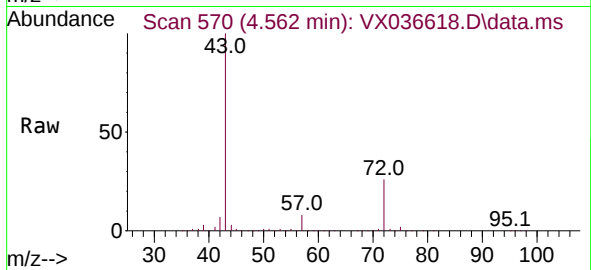
Tgt Ion: 63 Resp: 208604
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 4.8 2.1 6.5





#25
2-Butanone
Concen: 246.640 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

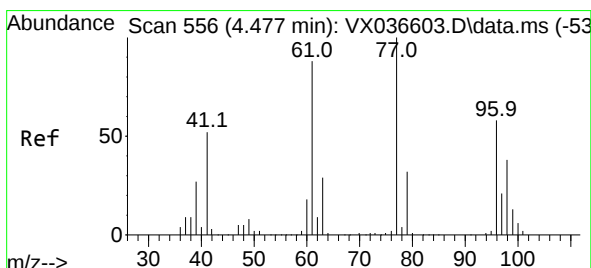
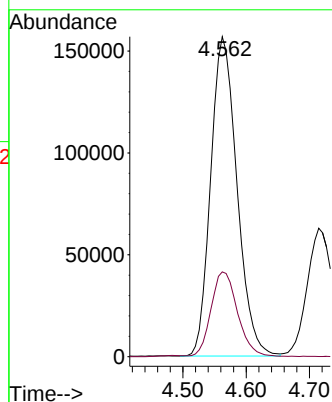
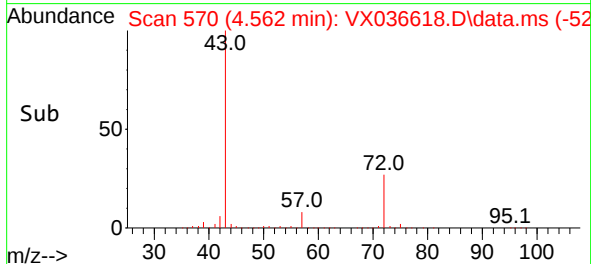
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 452274
Ion Ratio Lower Upper
43 100
72 26.4 19.4 29.2

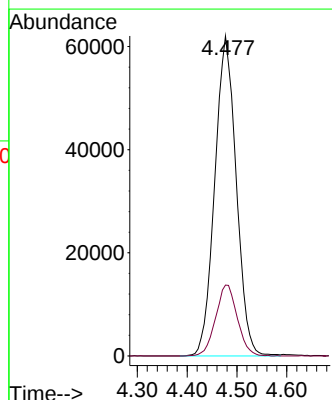
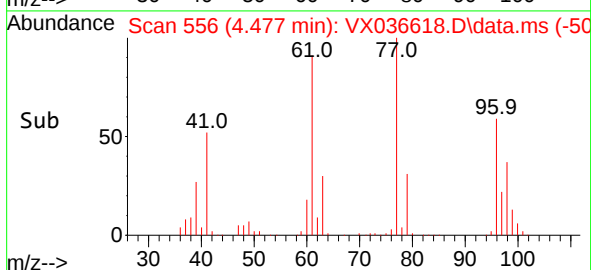
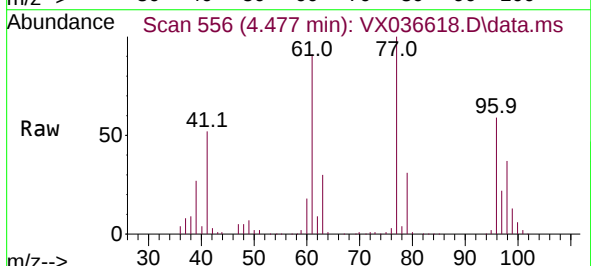
Manual Integrations
APPROVED

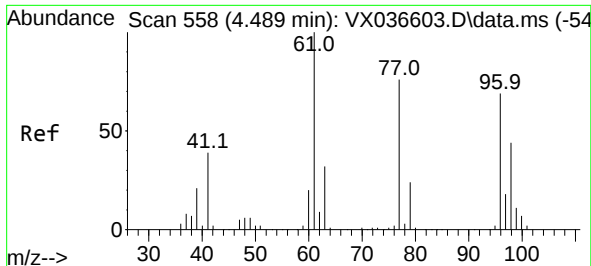
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#26
2,2-Dichloropropane
Concen: 45.564 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

Tgt Ion: 77 Resp: 185506
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.232 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 129230

Ion Ratio Lower Upper

96 100

61 147.9 0.0 312.2

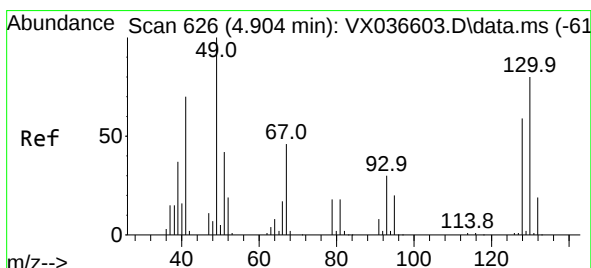
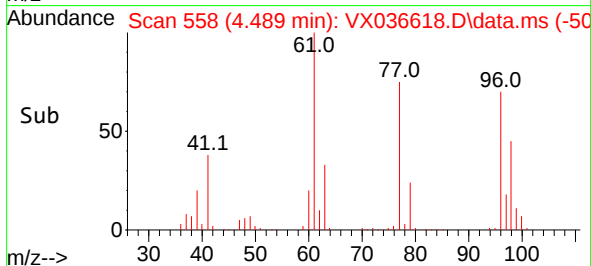
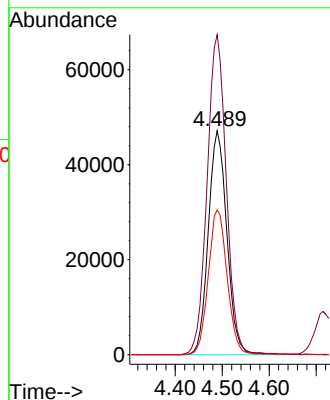
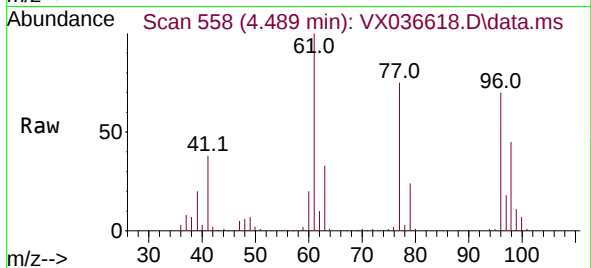
98 65.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#28

Bromochloromethane

Concen: 48.379 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

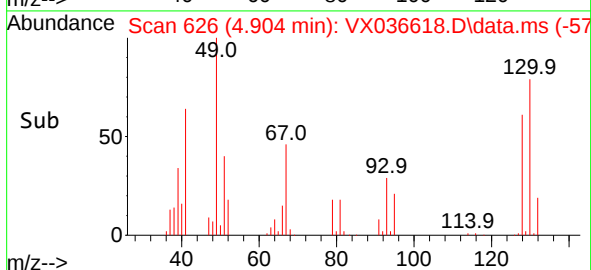
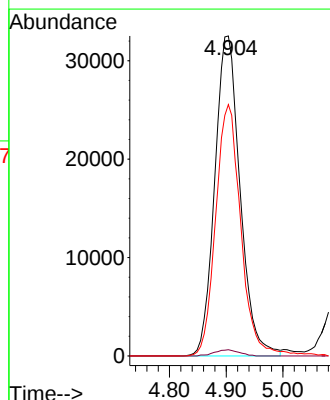
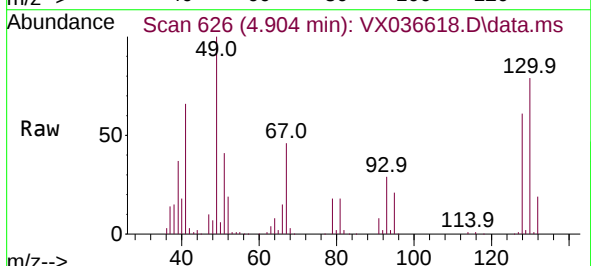
Tgt Ion: 49 Resp: 101097

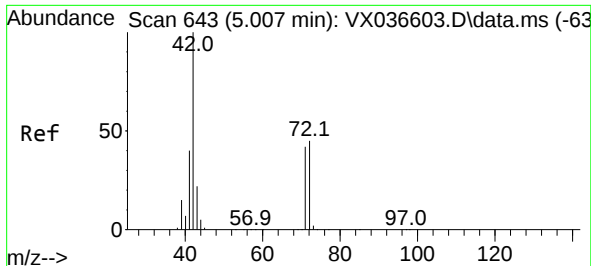
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 78.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 250.303 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

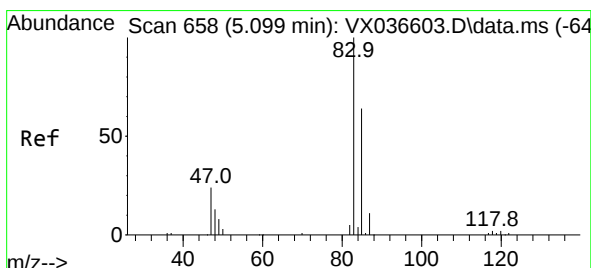
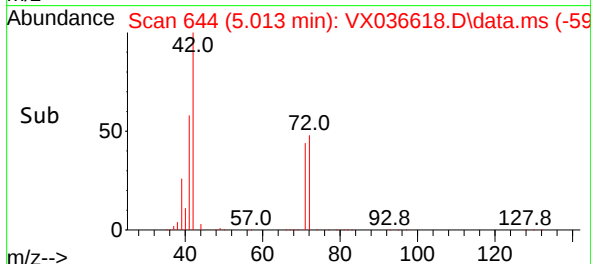
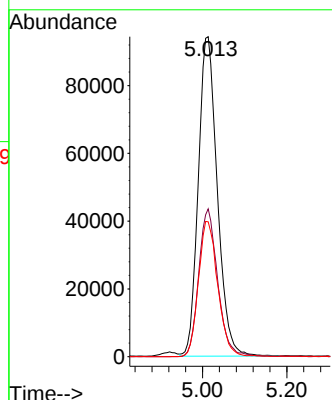
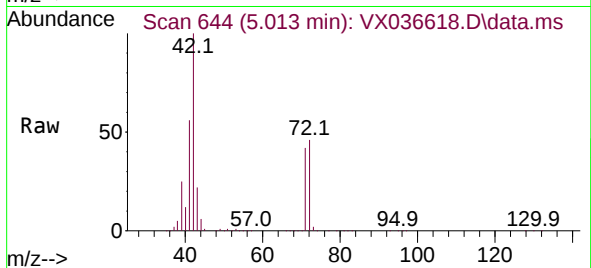
Tgt Ion: 42 Resp: 295920
 Ion Ratio Lower Upper
 42 100
 72 46.3 34.2 51.4
 71 43.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#30

Chloroform

Concen: 48.713 ug/l

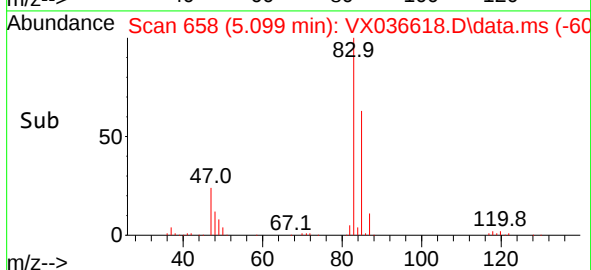
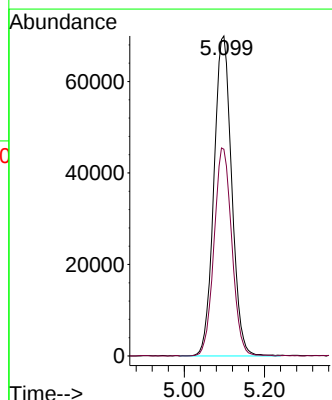
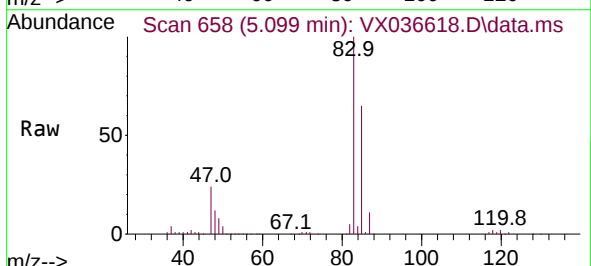
RT: 5.099 min Scan# 658

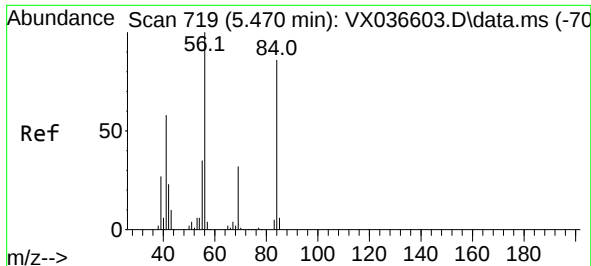
Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

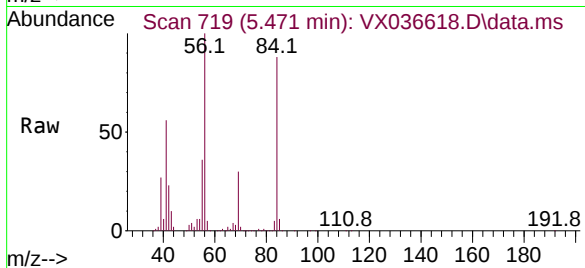
Tgt Ion: 83 Resp: 215336
 Ion Ratio Lower Upper
 83 100
 85 64.6 50.3 75.5





#31
Cyclohexane
Concen: 47.138 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

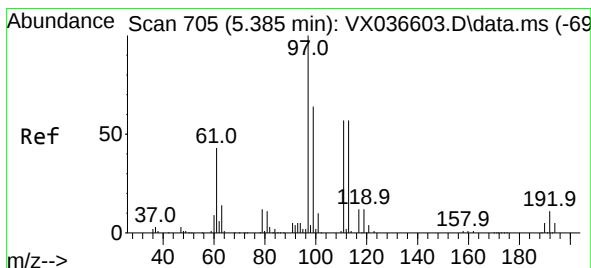
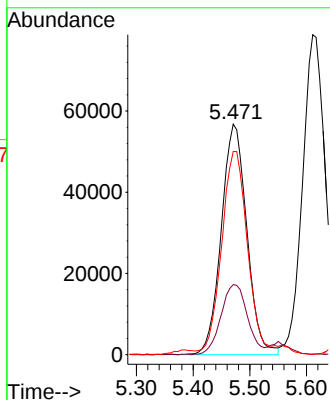
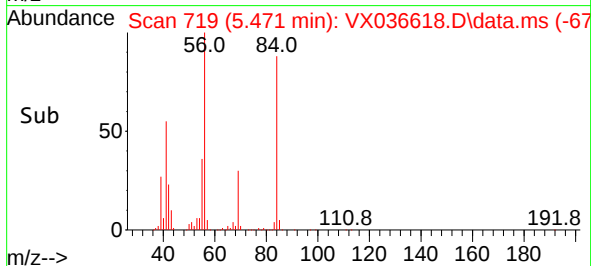
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



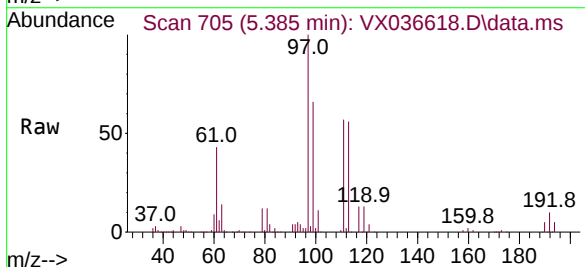
Tgt Ion: 56 Resp: 177768
Ion Ratio Lower Upper
56 100
69 30.4 23.4 35.2
84 86.8 65.9 98.9

Manual Integrations
APPROVED

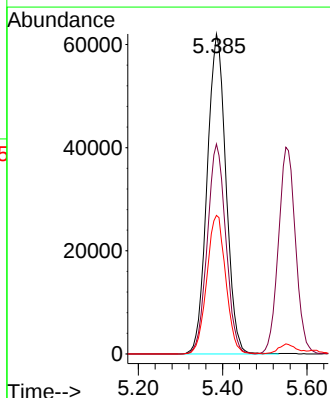
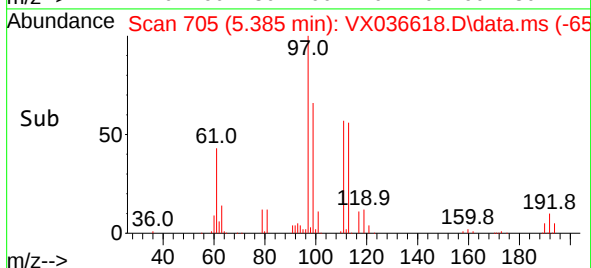
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

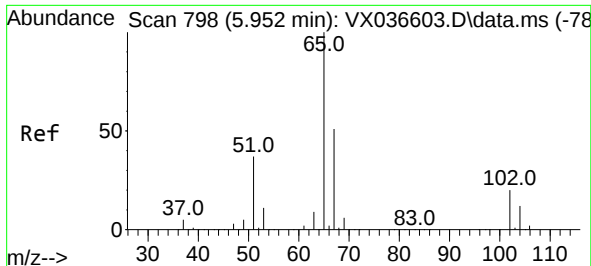


#32
1,1,1-Trichloroethane
Concen: 47.446 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52



Tgt Ion: 97 Resp: 192177
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 43.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.173 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 12576

Ion Ratio Lower Upper

65 100

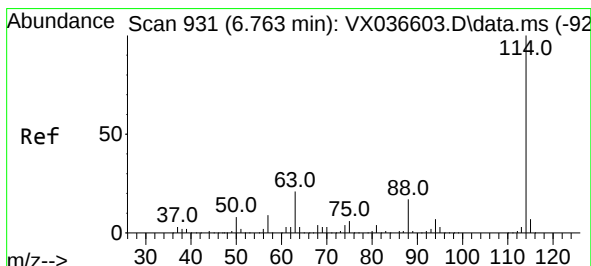
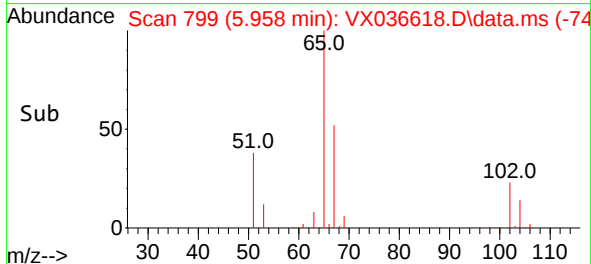
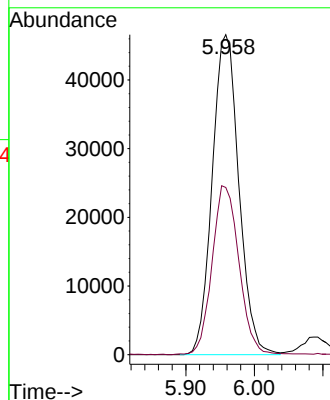
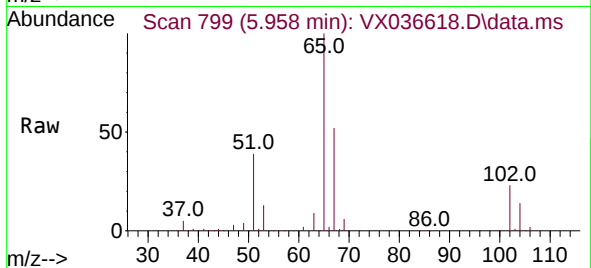
67 53.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

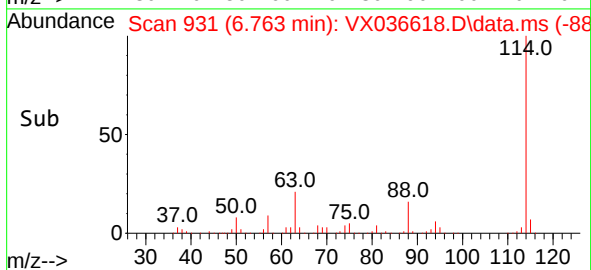
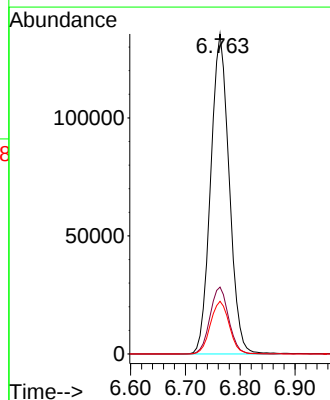
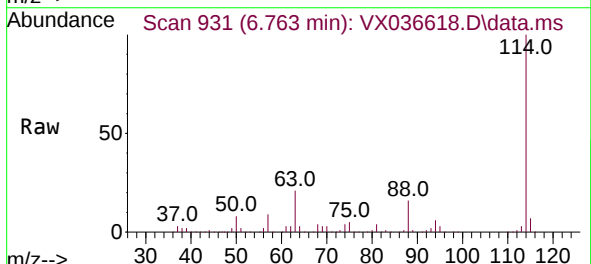
Tgt Ion:114 Resp: 317130

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

88 16.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.796 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

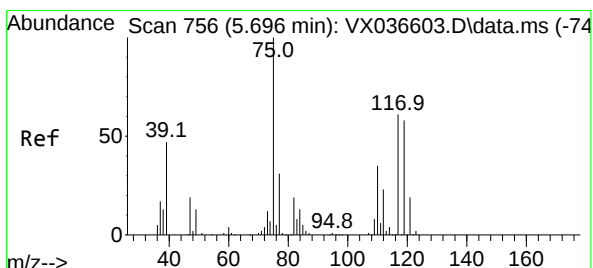
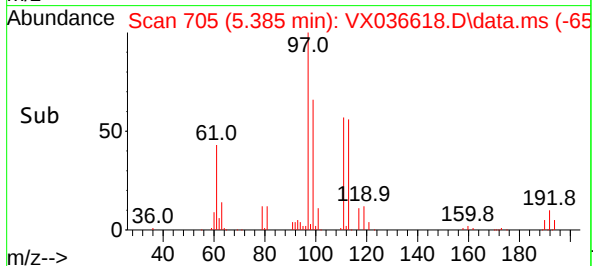
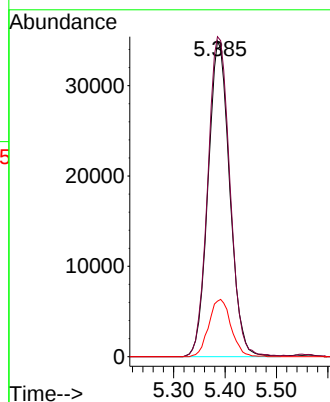
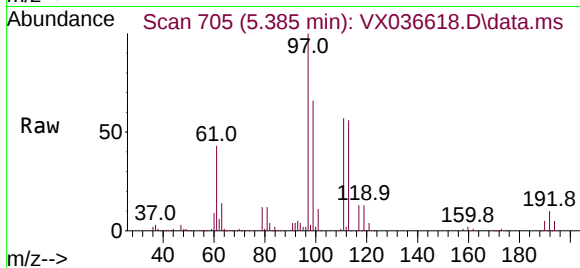
Tgt Ion:113 Resp: 102004
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.9 124.3
 192 18.6 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#36

1,1-Dichloropropene

Concen: 47.661 ug/l

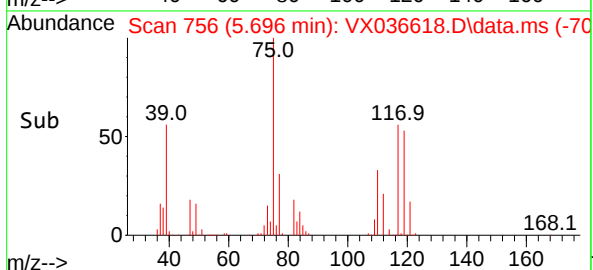
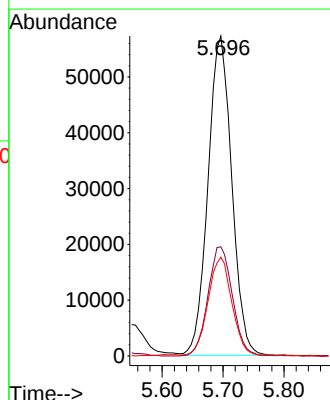
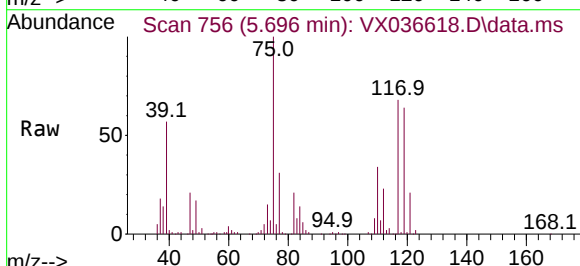
RT: 5.696 min Scan# 756

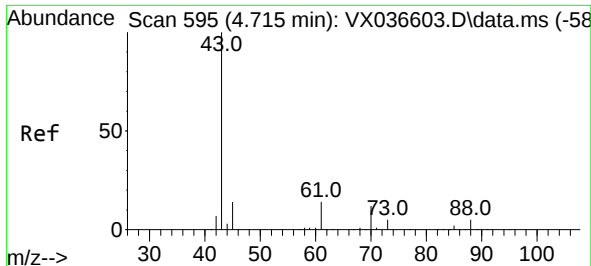
Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

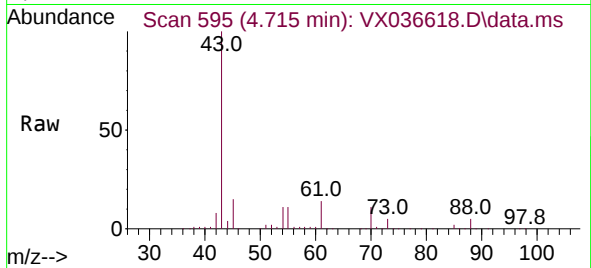
Tgt Ion: 75 Resp: 154847
 Ion Ratio Lower Upper
 75 100
 110 35.2 17.0 50.9
 77 31.0 24.7 37.1





#37
Ethyl Acetate
Concen: 50.224 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

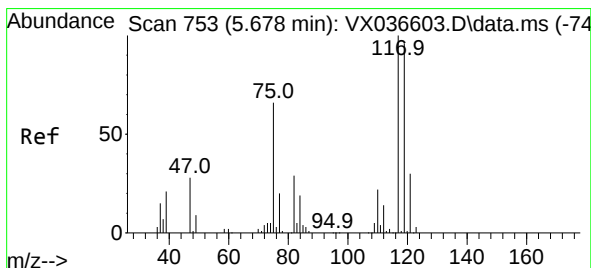
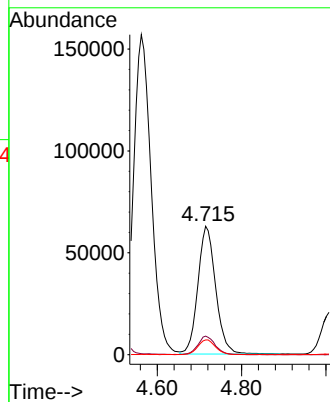
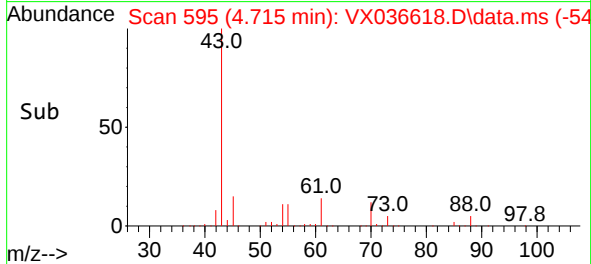
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 184688
Ion Ratio Lower Upper
43 100
61 14.2 10.6 16.0
70 11.6 8.3 12.5

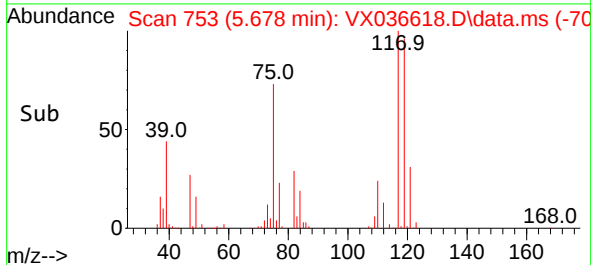
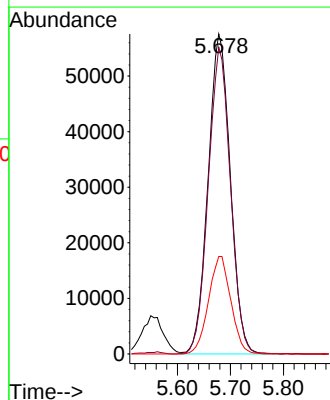
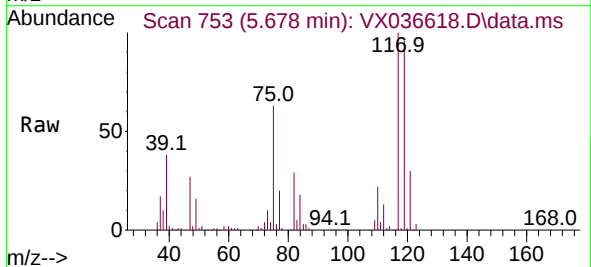
Manual Integrations
APPROVED

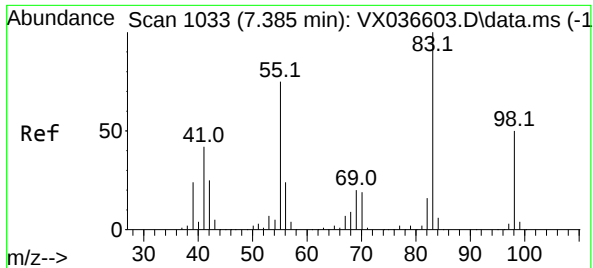
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#38
Carbon Tetrachloride
Concen: 48.668 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

Tgt Ion:117 Resp: 168103
Ion Ratio Lower Upper
117 100
119 95.8 78.2 117.2
121 30.4 24.4 36.6





#39

Methylcyclohexane

Concen: 47.553 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 192110

Ion Ratio Lower Upper

83 100

55 77.7 64.6 97.0

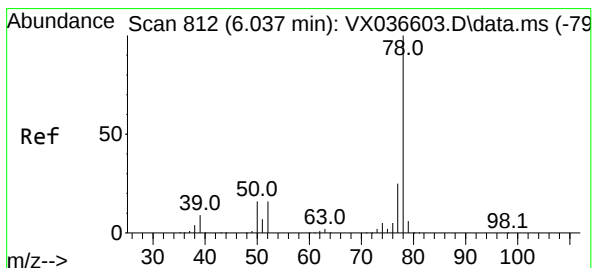
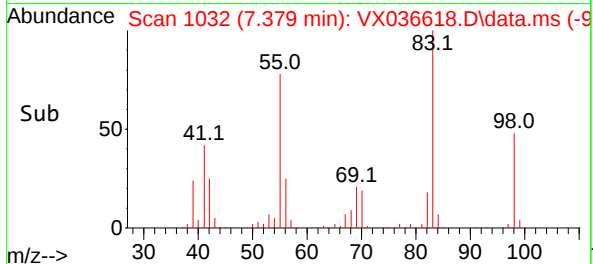
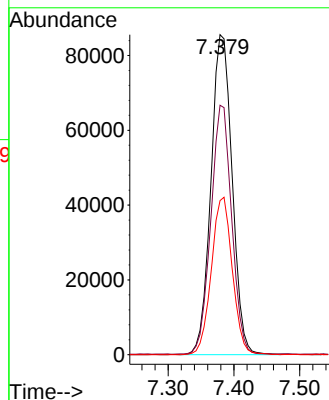
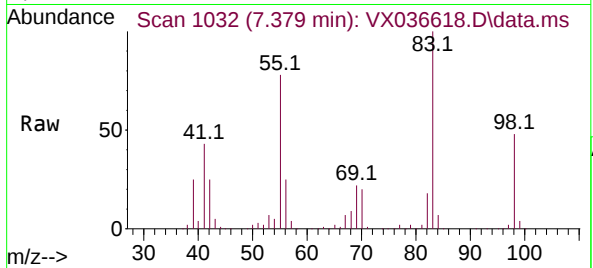
98 48.2 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#40

Benzene

Concen: 48.393 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX036618.D

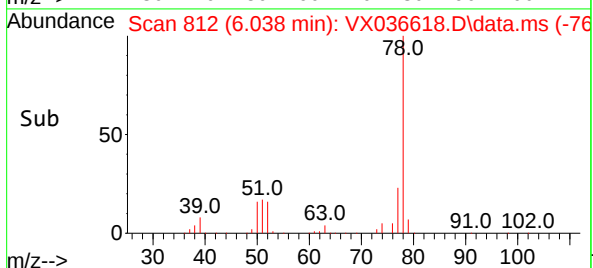
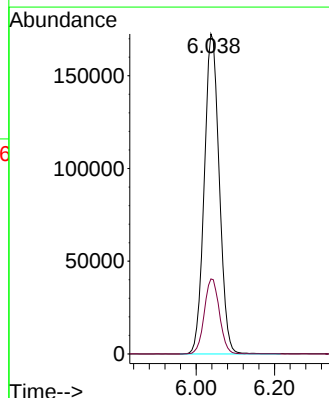
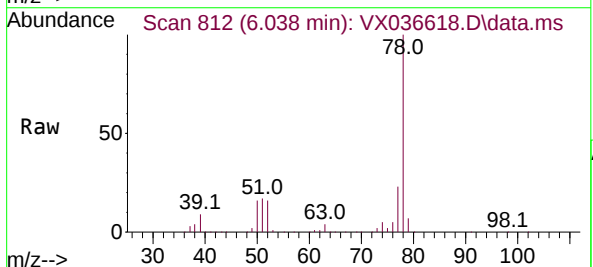
Acq: 21 Jul 2023 18:52

Tgt Ion: 78 Resp: 457437

Ion Ratio Lower Upper

78 100

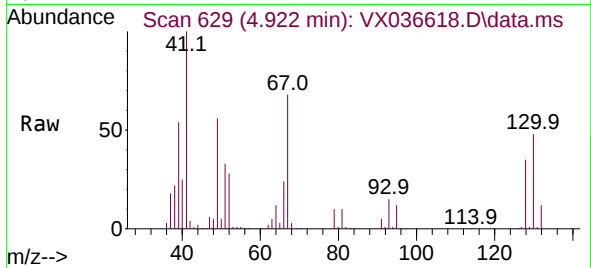
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 50.999 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

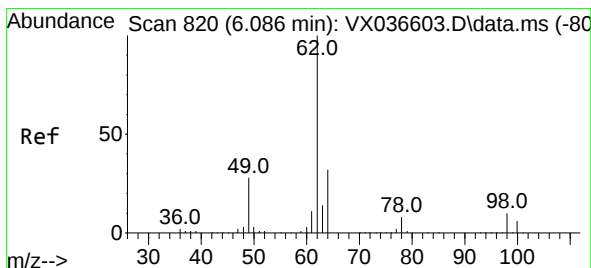
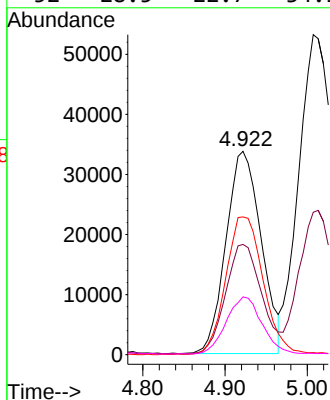
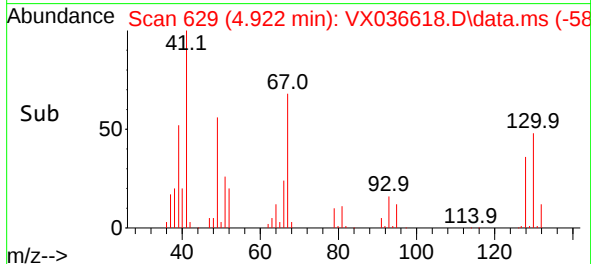
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 100304
Ion Ratio Lower Upper
41 100
39 56.2 45.2 67.8
67 73.1 52.6 78.8
52 28.5 22.7 34.1

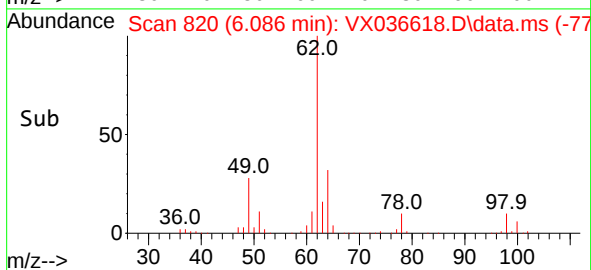
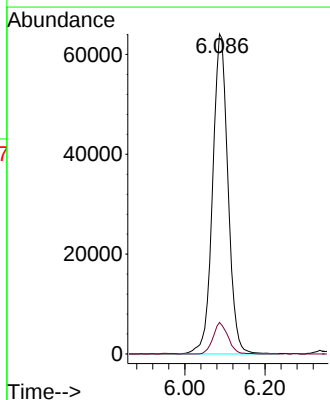
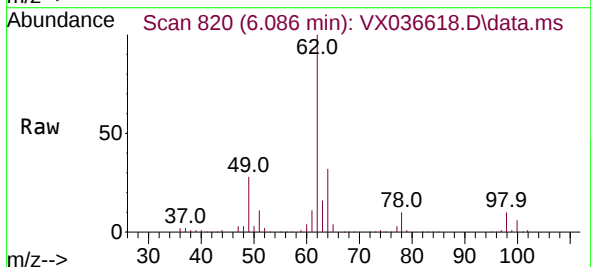
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#42
1,2-Dichloroethane
Concen: 49.324 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

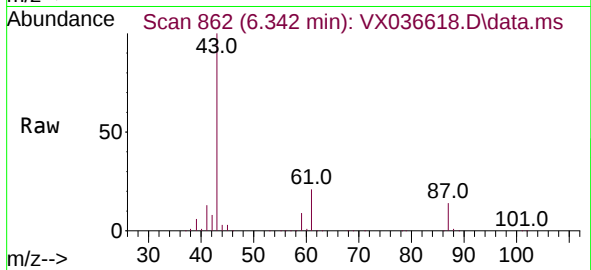
Tgt Ion: 62 Resp: 170467
Ion Ratio Lower Upper
62 100
98 9.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 49.336 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

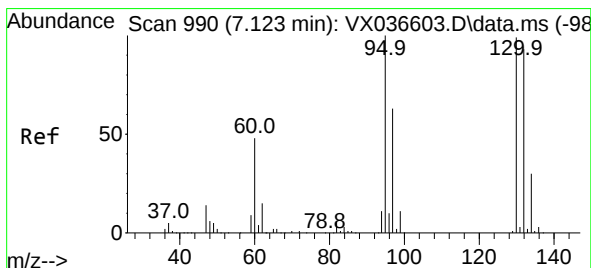
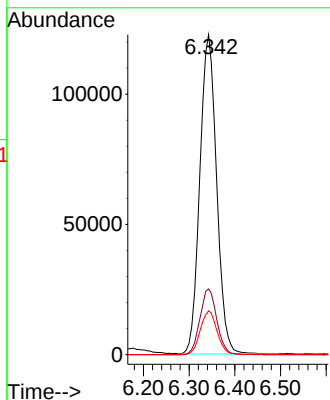
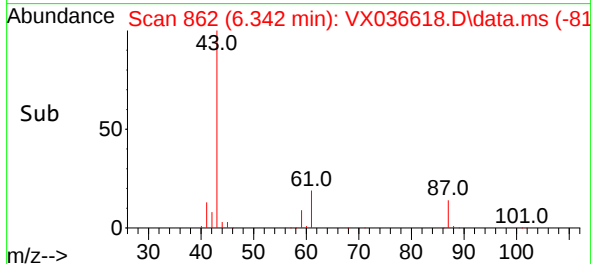
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 312295
Ion Ratio Lower Upper
43 100
61 20.6 15.2 22.8
87 13.6 9.8 14.6

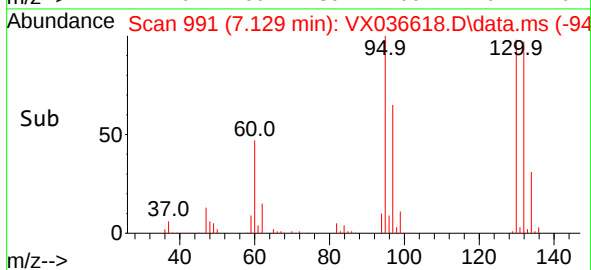
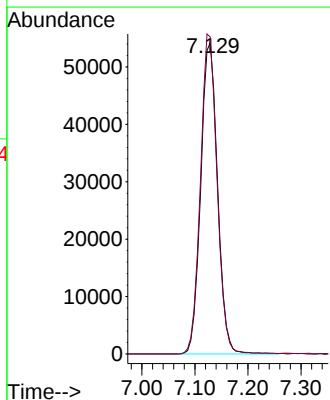
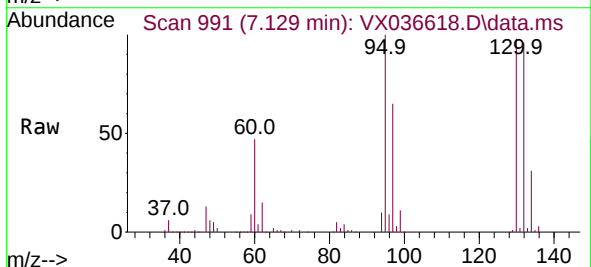
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#44
Trichloroethene
Concen: 48.235 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

Tgt Ion:130 Resp: 119180
Ion Ratio Lower Upper
130 100
95 101.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.414 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 122180

Ion Ratio Lower Upper

63 100

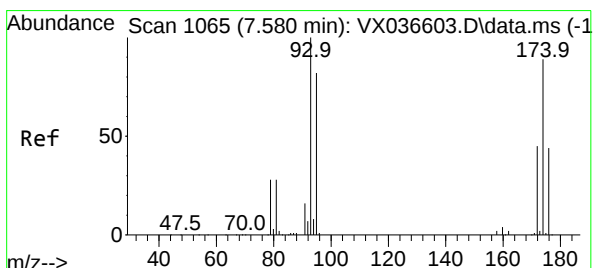
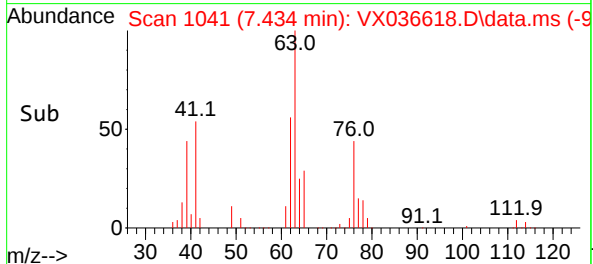
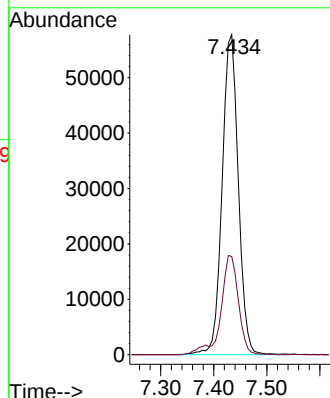
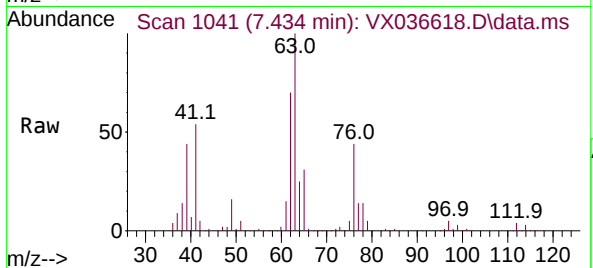
65 30.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#46

Dibromomethane

Concen: 48.895 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

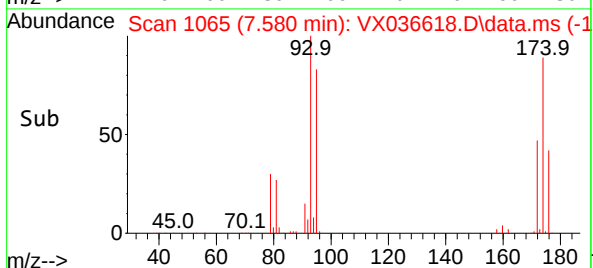
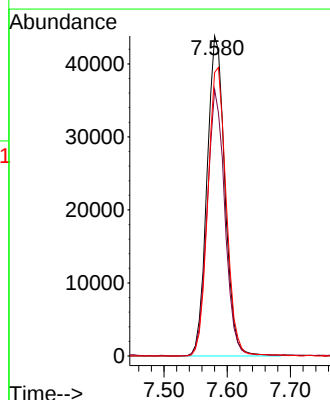
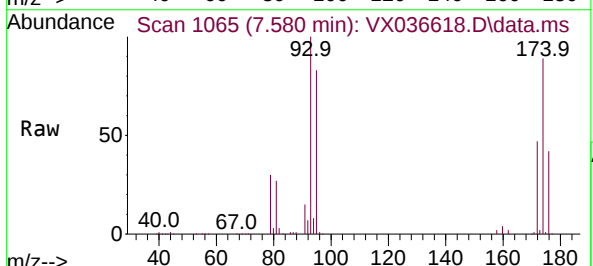
Tgt Ion: 93 Resp: 86363

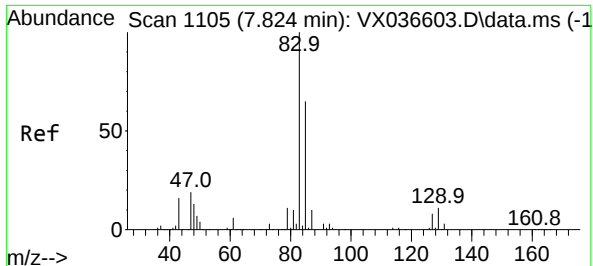
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

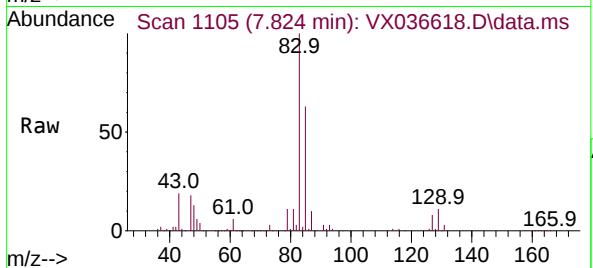
174 92.2 69.4 104.0





#47
Bromodichloromethane
Concen: 49.121 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

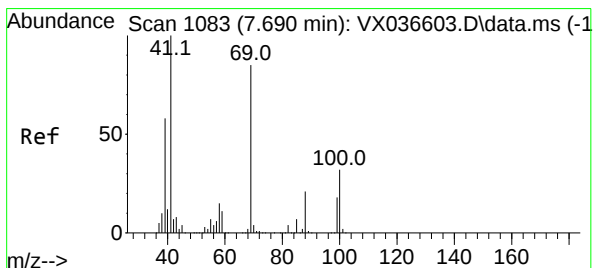
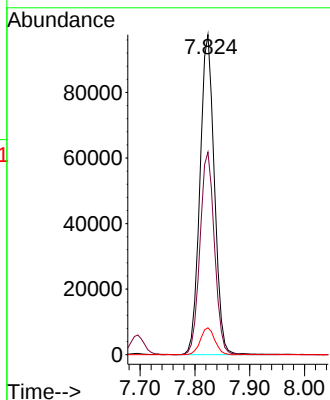
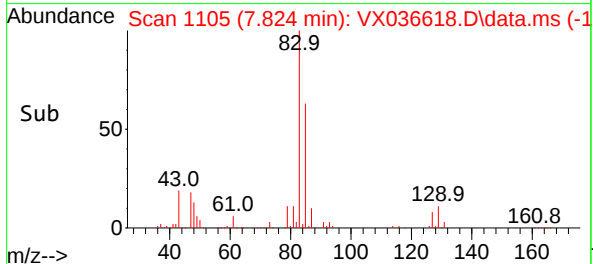
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



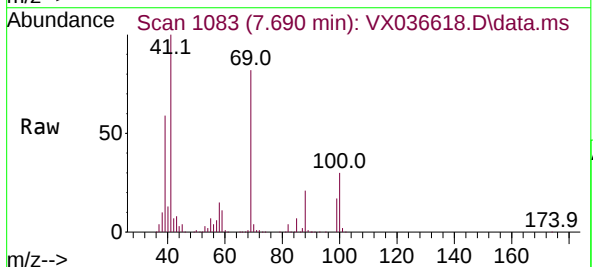
Tgt Ion: 83 Resp: 17809
Ion Ratio Lower Upper
83 100
85 63.2 49.8 74.6
127 8.4 7.1 10.7

Manual Integrations
APPROVED

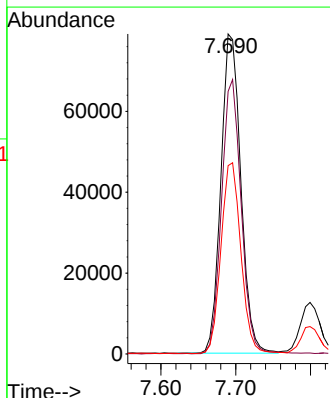
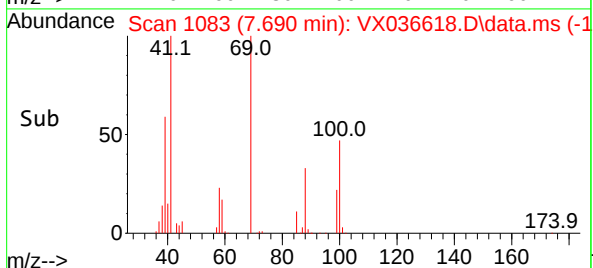
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

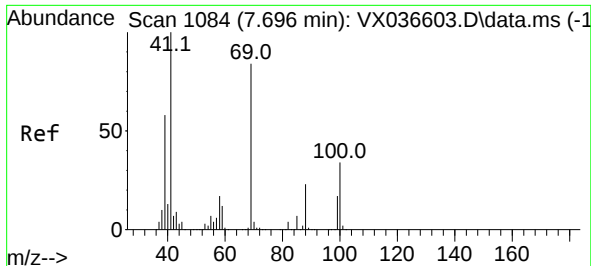


#48
Methyl methacrylate
Concen: 49.817 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52



Tgt Ion: 41 Resp: 146651
Ion Ratio Lower Upper
41 100
69 84.8 59.2 88.8
39 59.6 47.7 71.5





#49

1,4-Dioxane

Concen: 991.007 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

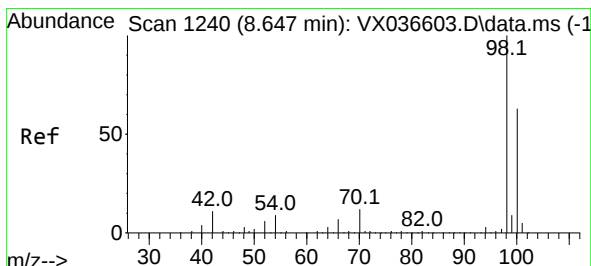
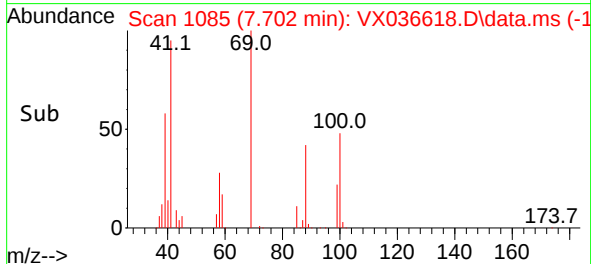
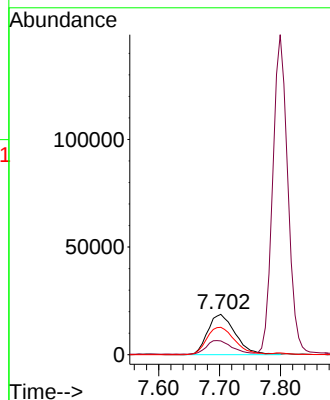
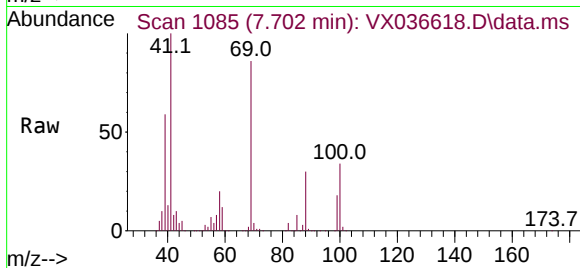
Tgt Ion: 88 Resp: 58935
 Ion Ratio Lower Upper
 88 100
 43 31.2 0.0 0.0
 58 68.9 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#50

Toluene-d8

Concen: 48.184 ug/l

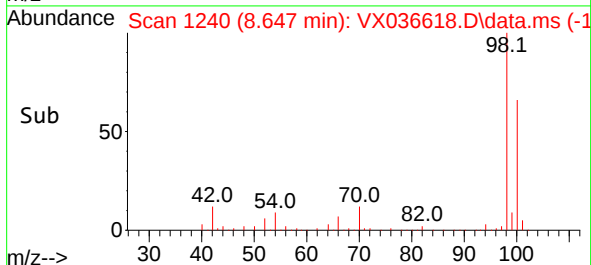
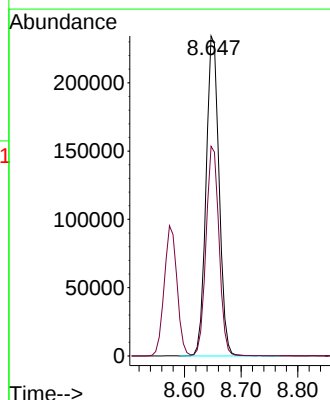
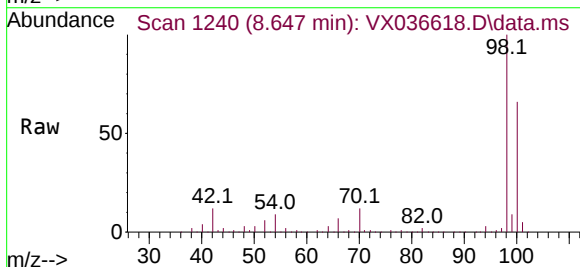
RT: 8.647 min Scan# 1240

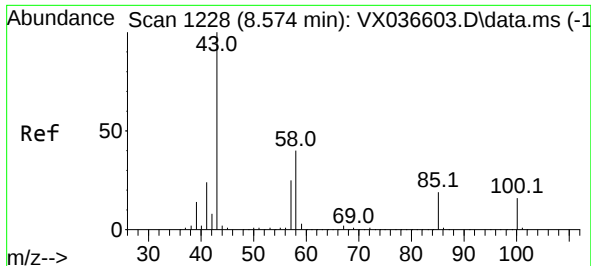
Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

Tgt Ion: 98 Resp: 372458
 Ion Ratio Lower Upper
 98 100
 100 65.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 255.084 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 893550

Ion Ratio Lower Upper

43 100

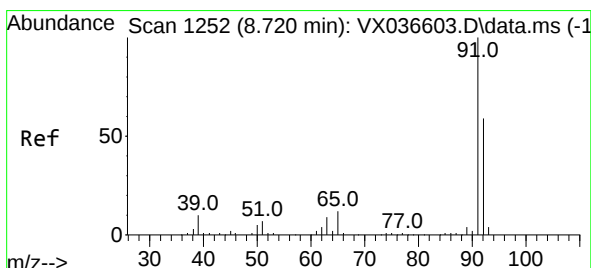
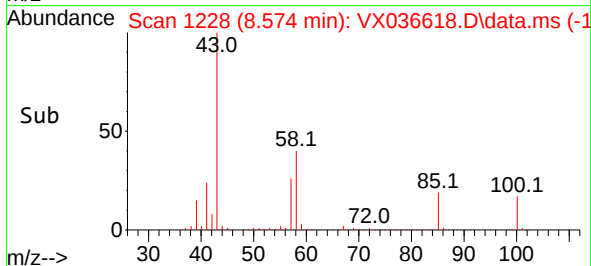
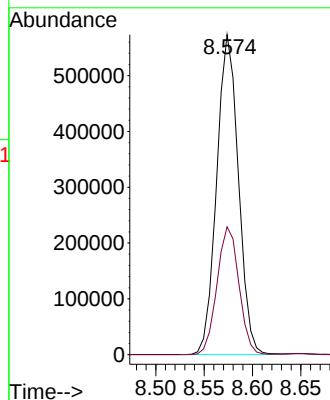
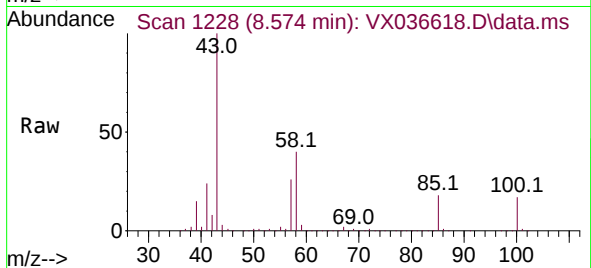
58 40.3 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#52

Toluene

Concen: 48.871 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX036618.D

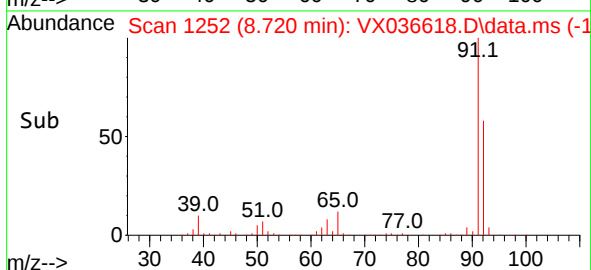
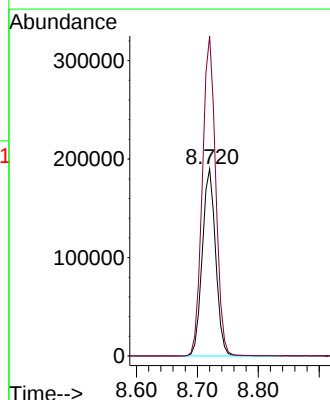
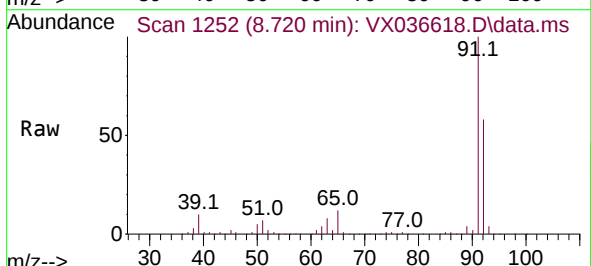
Acq: 21 Jul 2023 18:52

Tgt Ion: 92 Resp: 289460

Ion Ratio Lower Upper

92 100

91 171.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 49.393 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 20240

Ion Ratio Lower Upper

75 100

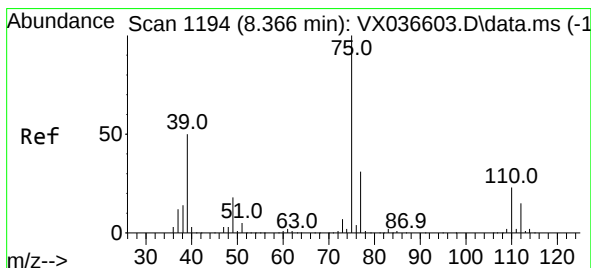
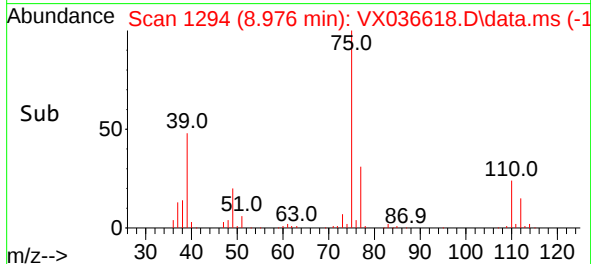
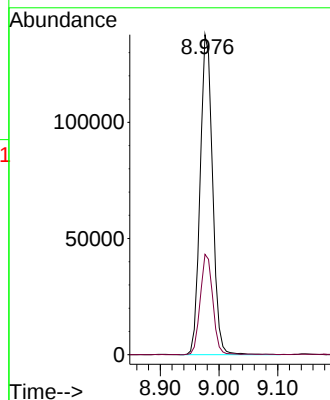
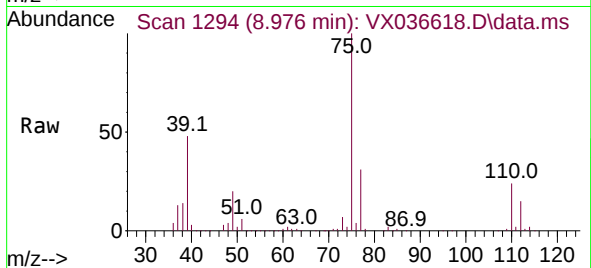
77 31.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#54

cis-1,3-Dichloropropene

Concen: 48.851 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

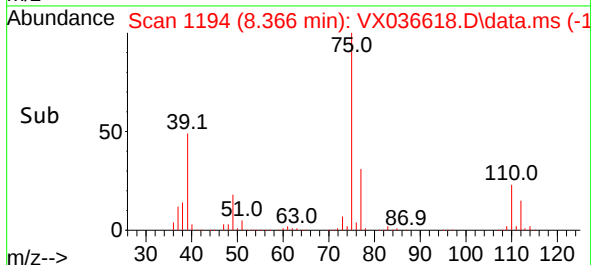
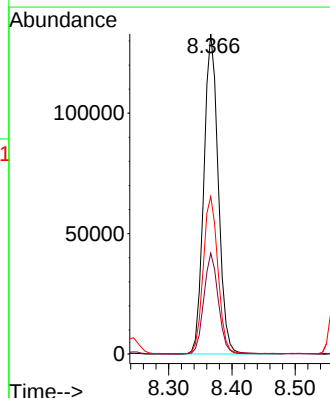
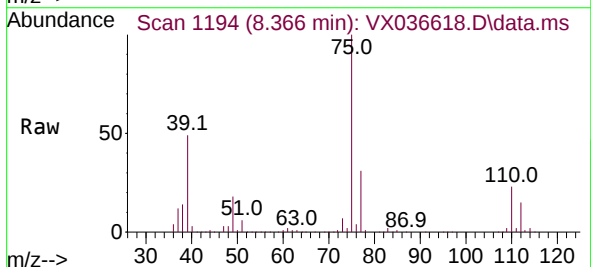
Tgt Ion: 75 Resp: 211236

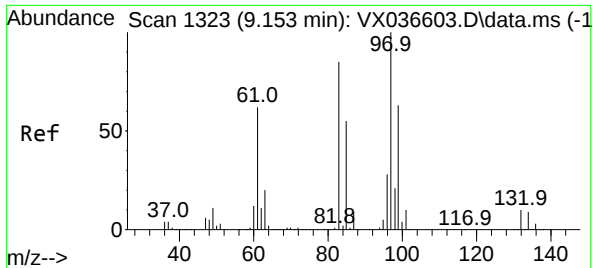
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

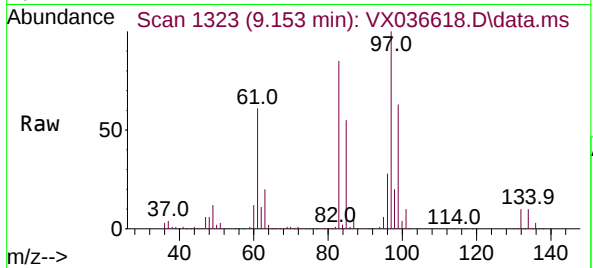
39 49.1 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 48.633 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

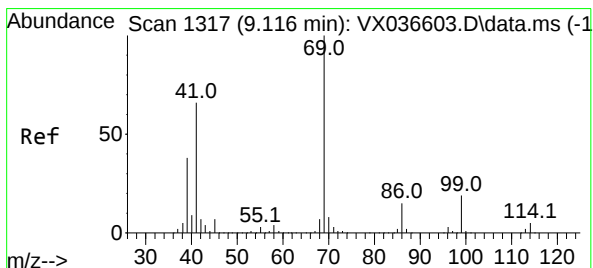
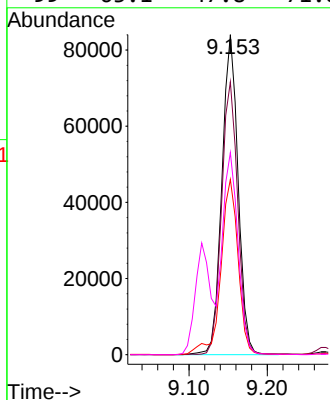
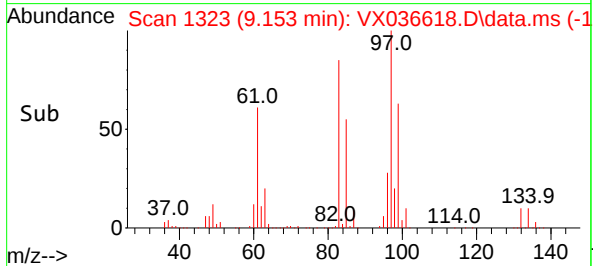
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



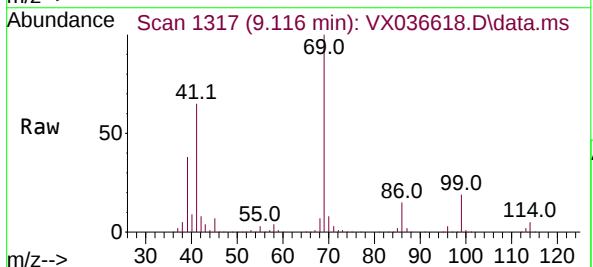
Tgt Ion: 97 Resp: 121084
Ion Ratio Lower Upper
97 100
83 85.2 65.8 98.8
85 54.6 41.6 62.4
99 63.1 47.8 71.8

Manual Integrations
APPROVED

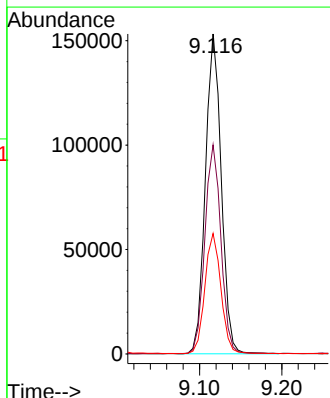
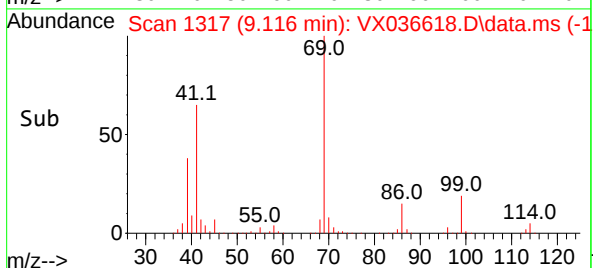
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

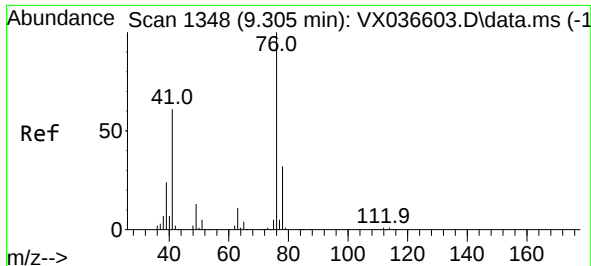


#56
Ethyl methacrylate
Concen: 50.674 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52



Tgt Ion: 69 Resp: 205441
Ion Ratio Lower Upper
69 100
41 66.0 56.8 85.2
39 38.1 32.0 48.0





#57

1,3-Dichloropropane

Concen: 50.138 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 207914

Ion Ratio Lower Upper

76 100

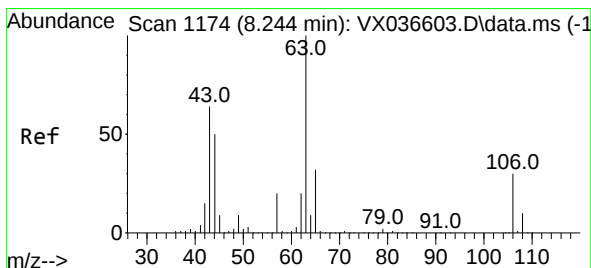
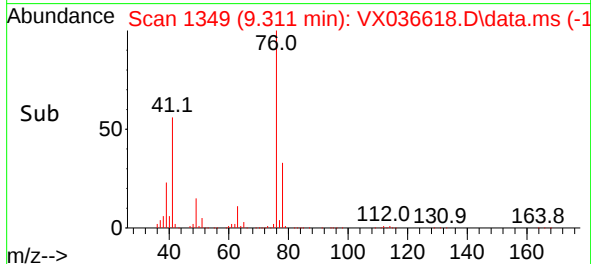
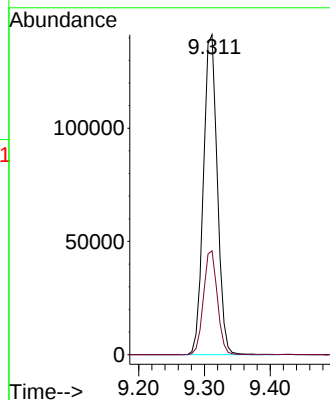
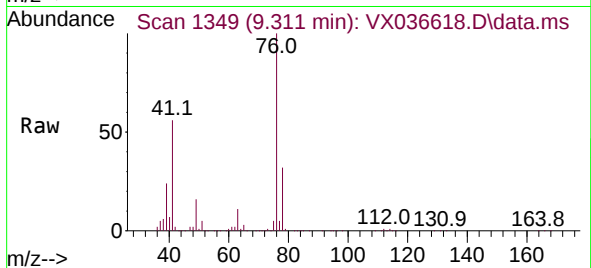
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 245.300 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036618.D

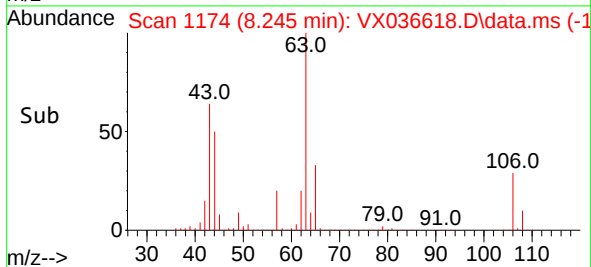
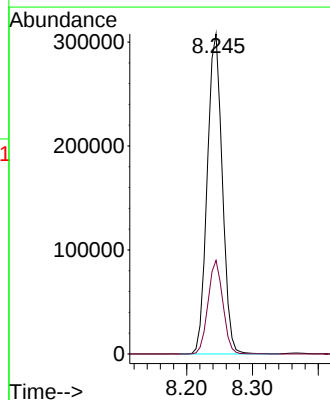
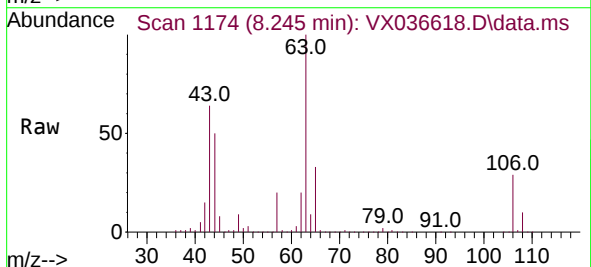
Acq: 21 Jul 2023 18:52

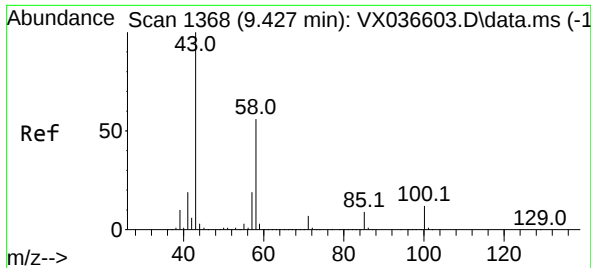
Tgt Ion: 63 Resp: 490016

Ion Ratio Lower Upper

63 100

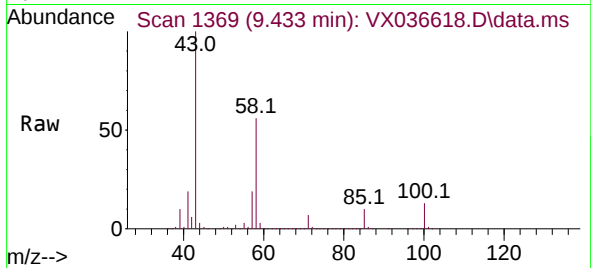
106 28.7 22.5 33.7





#59
2-Hexanone
Concen: 257.085 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

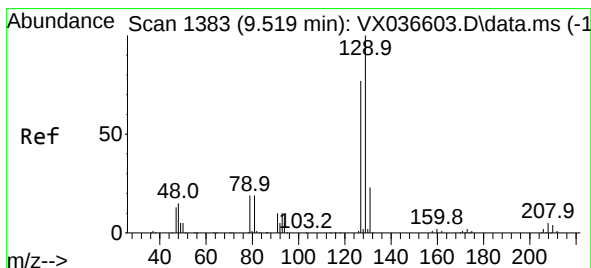
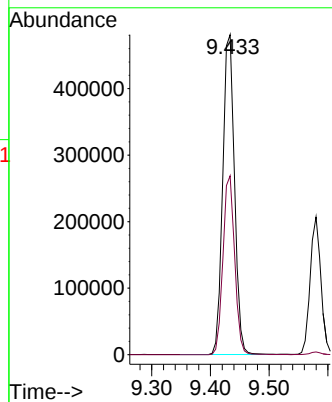
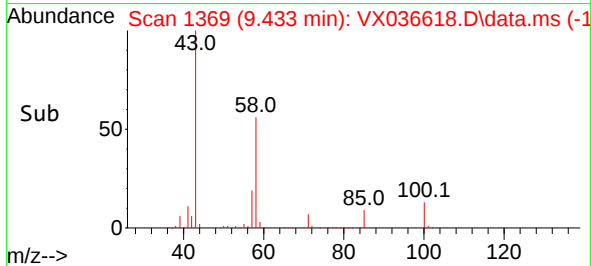
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 668360
Ion Ratio Lower Upper
43 100
58 55.6 26.2 78.5

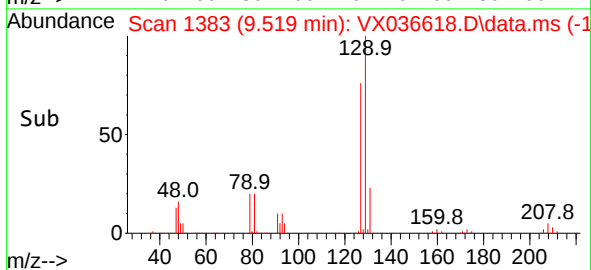
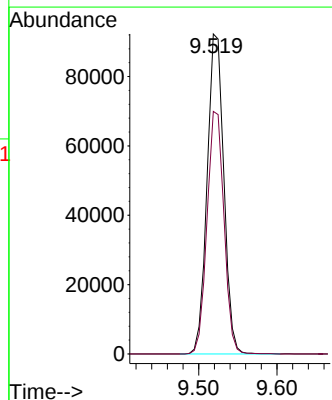
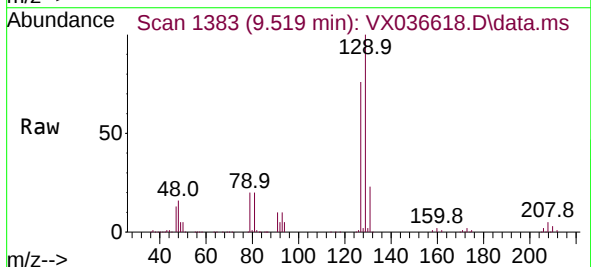
Manual Integrations
APPROVED

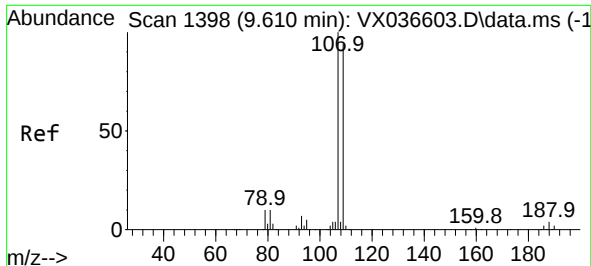
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#60
Dibromochloromethane
Concen: 49.840 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

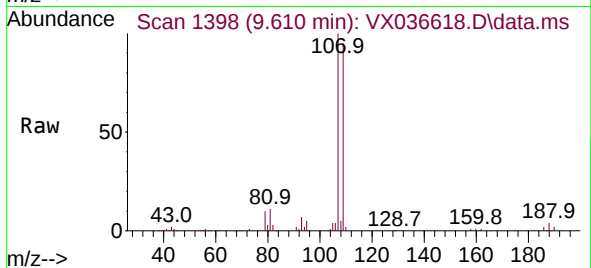
Tgt Ion:129 Resp: 136387
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.204 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

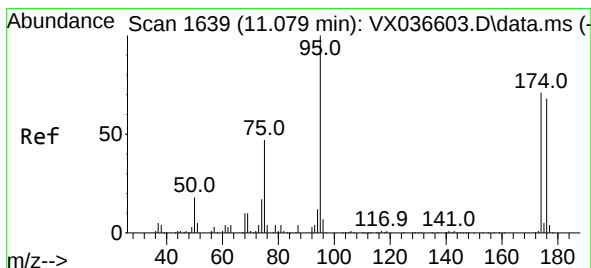
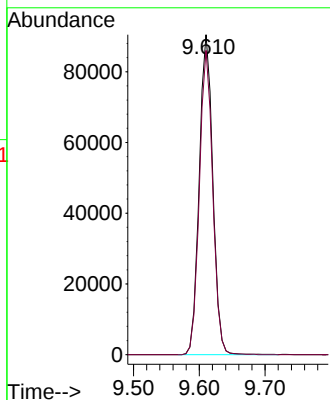
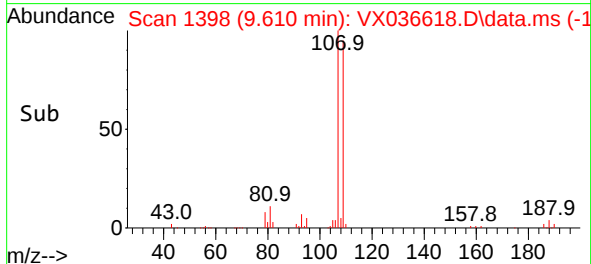
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



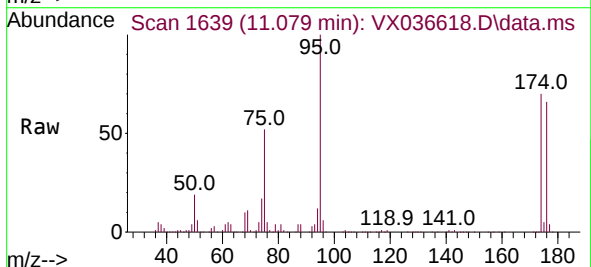
Tgt Ion:107 Resp: 12954
Ion Ratio Lower Upper
107 100
109 93.7 75.2 112.8

Manual Integrations
APPROVED

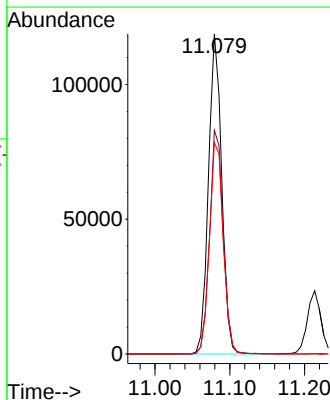
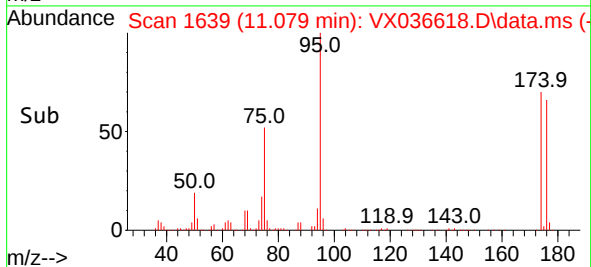
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

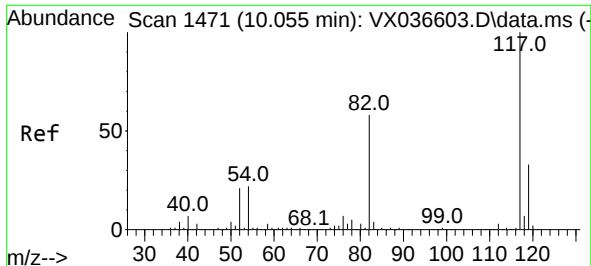


#62
4-Bromofluorobenzene
Concen: 50.020 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52



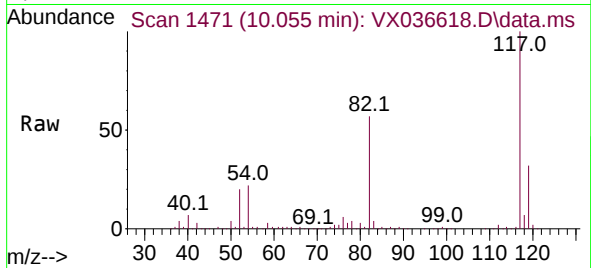
Tgt Ion: 95 Resp: 145877
Ion Ratio Lower Upper
95 100
174 71.6 0.0 135.6
176 68.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

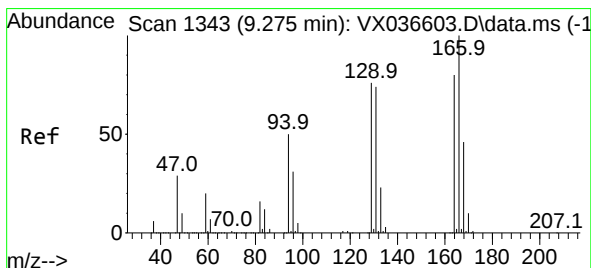
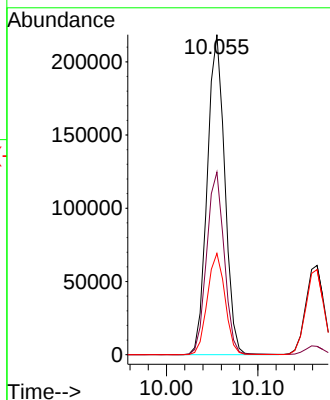
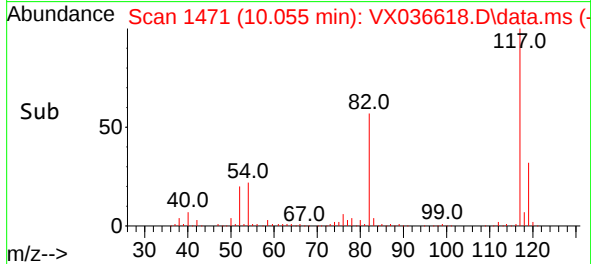
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



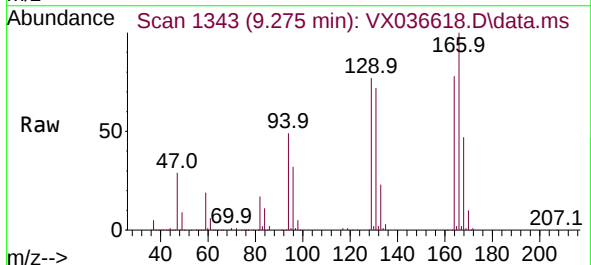
Tgt Ion:117 Resp: 289700
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 31.6 25.5 38.3

Manual Integrations
APPROVED

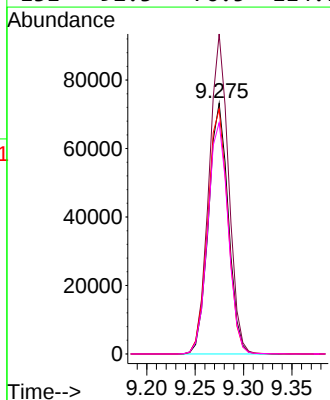
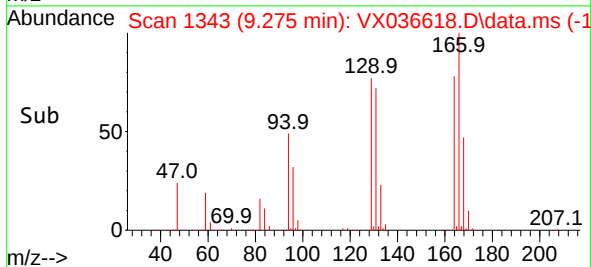
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

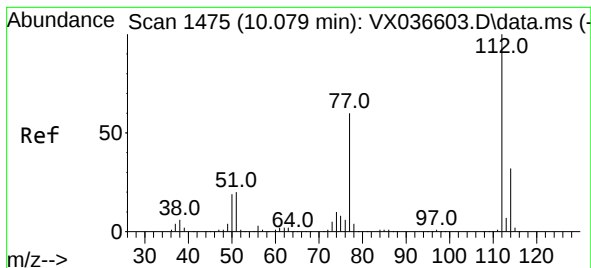


#64
Tetrachloroethene
Concen: 47.993 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52



Tgt Ion:164 Resp: 103706
Ion Ratio Lower Upper
164 100
166 127.6 102.7 154.1
129 97.7 80.4 120.6
131 92.3 76.5 114.7





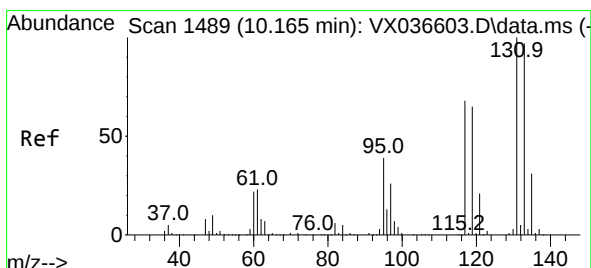
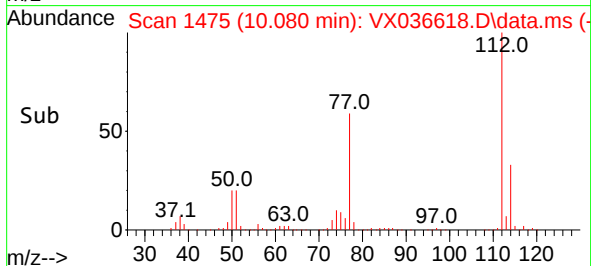
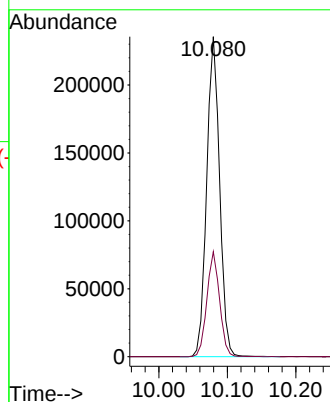
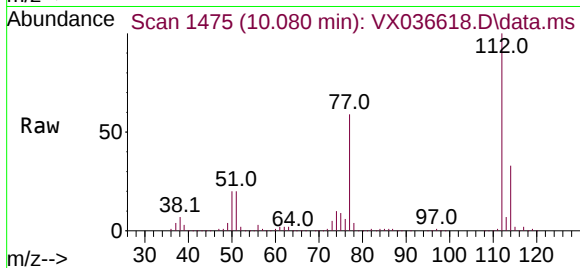
#65
Chlorobenzene
Concen: 48.382 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 30896
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5

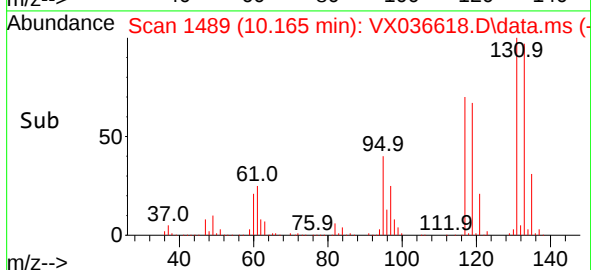
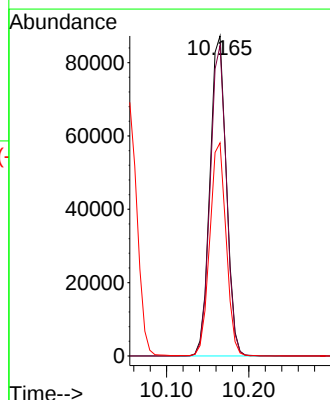
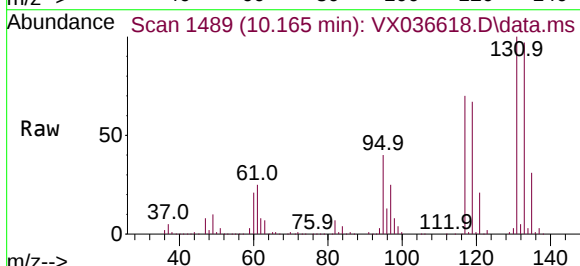
Manual Integrations
APPROVED

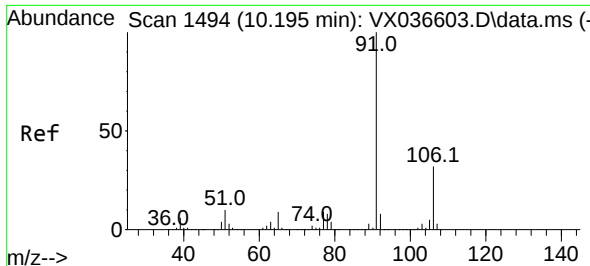
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.972 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

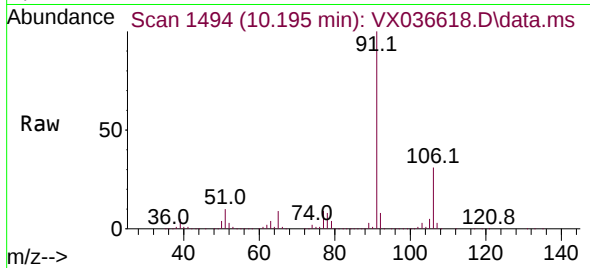
Tgt Ion:131 Resp: 120874
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 66.5 32.2 96.6





#67
Ethyl Benzene
Concen: 48.370 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

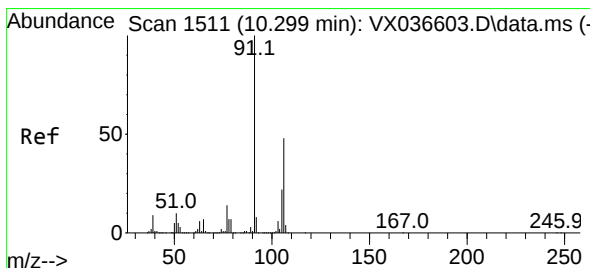
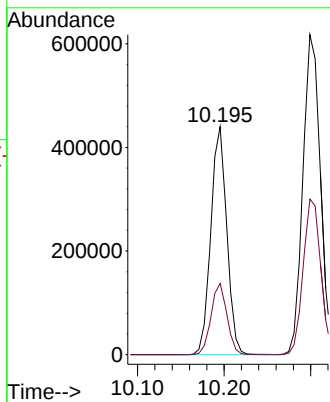
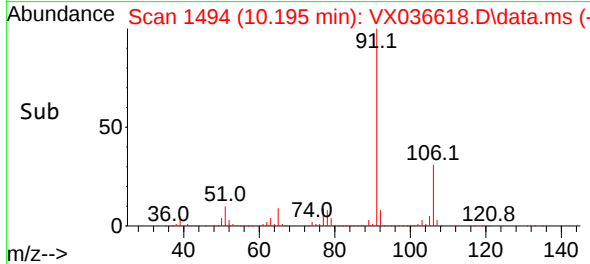
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



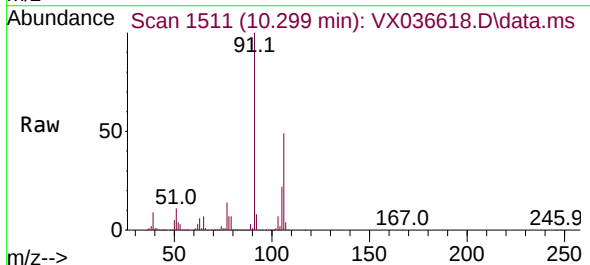
Tgt Ion: 91 Resp: 564286
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

Manual Integrations
APPROVED

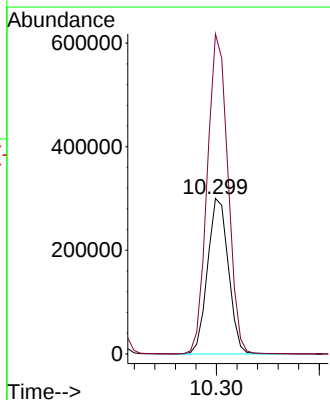
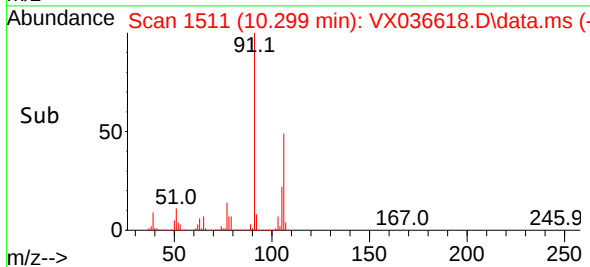
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

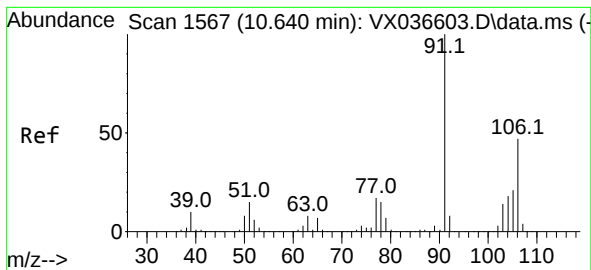


#68
m/p-Xylenes
Concen: 97.148 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52



Tgt Ion:106 Resp: 422852
Ion Ratio Lower Upper
106 100
91 204.4 165.5 248.3





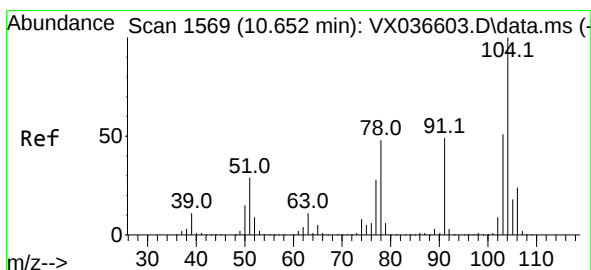
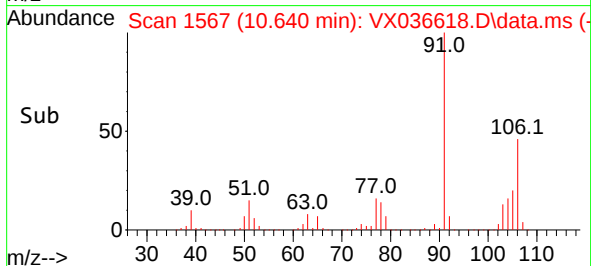
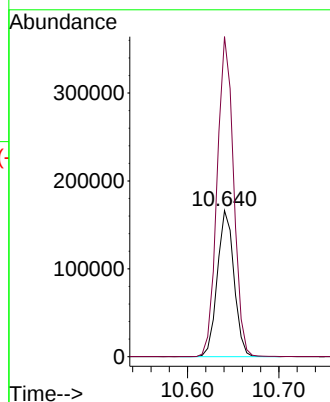
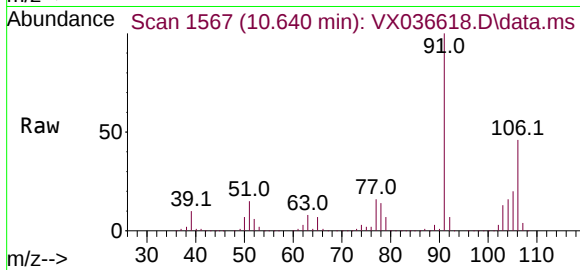
#69
o-Xylene
Concen: 48.506 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 210745
Ion Ratio Lower Upper
106 100
91 216.7 108.9 326.8

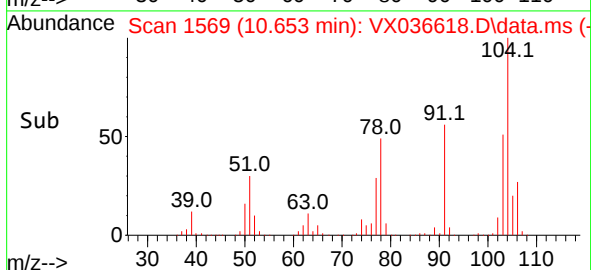
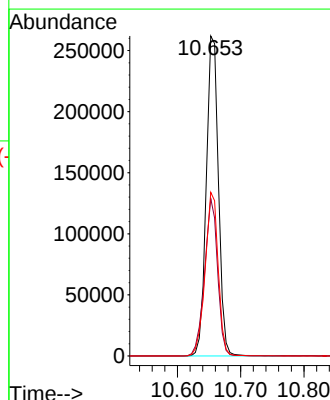
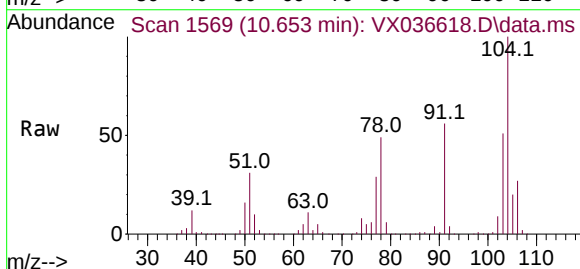
Manual Integrations
APPROVED

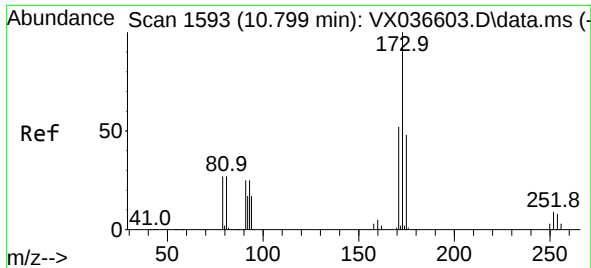
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#70
Styrene
Concen: 49.094 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

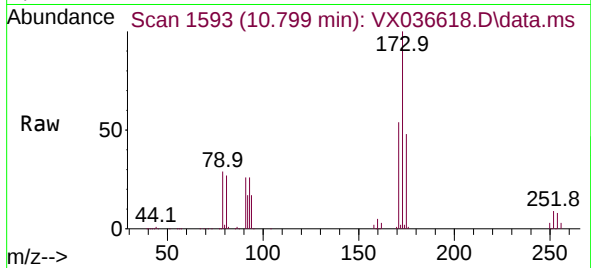
Tgt Ion:104 Resp: 351921
Ion Ratio Lower Upper
104 100
78 52.6 43.6 65.4
103 54.8 43.6 65.4





#71
Bromoform
Concen: 50.167 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

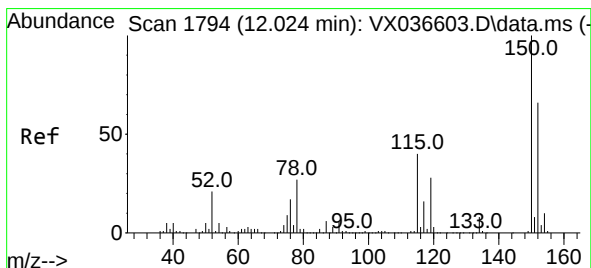
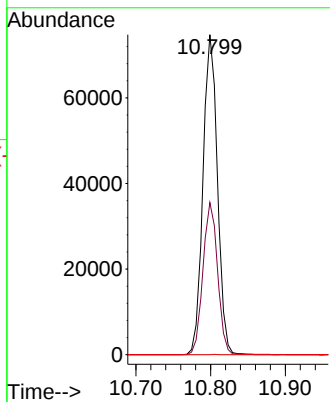
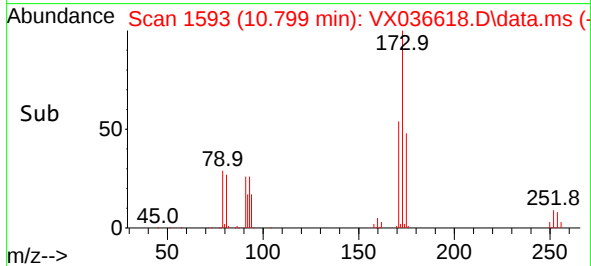
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



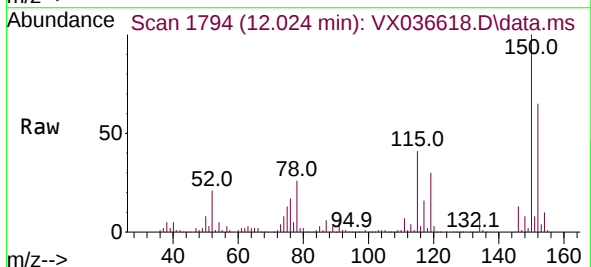
Tgt Ion:173 Resp: 100234
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

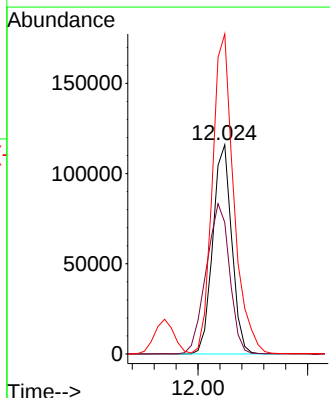
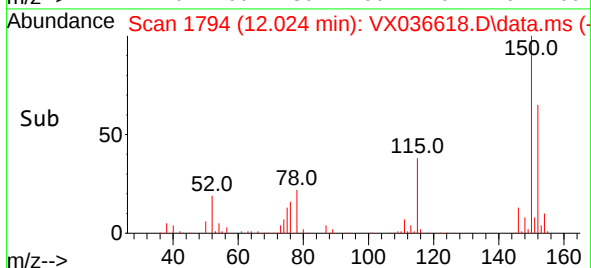
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

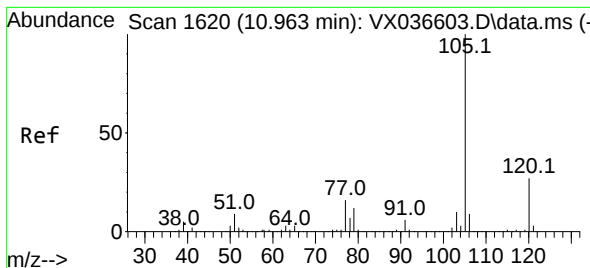


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52



Tgt Ion:152 Resp: 139079
Ion Ratio Lower Upper
152 100
115 88.9 43.3 129.9
150 172.5 0.0 345.0





#73

Isopropylbenzene

Concen: 47.811 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 550300

Ion Ratio Lower Upper

105 100

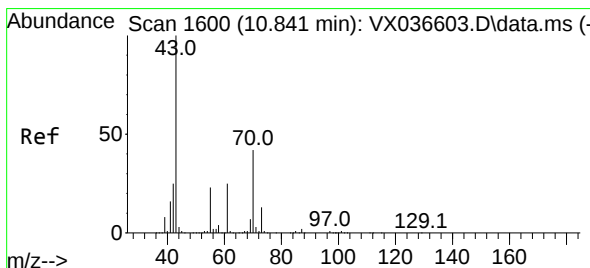
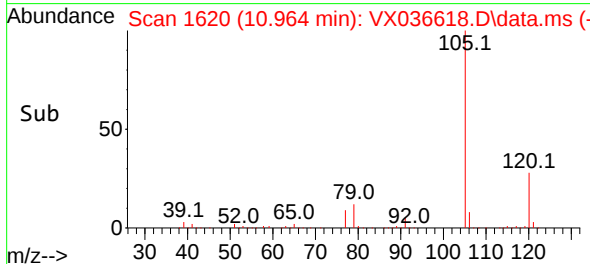
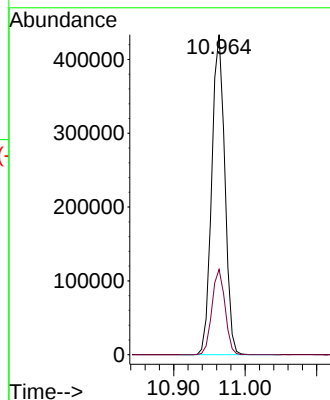
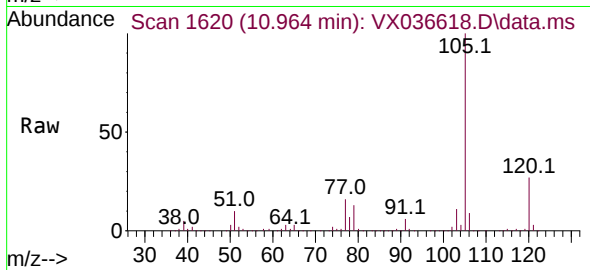
120 26.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#74

N-ethyl acetate

Concen: 48.187 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

Tgt Ion: 43 Resp: 258638

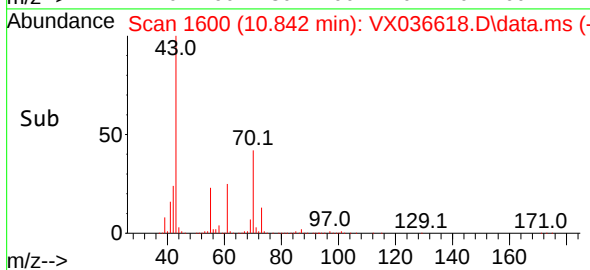
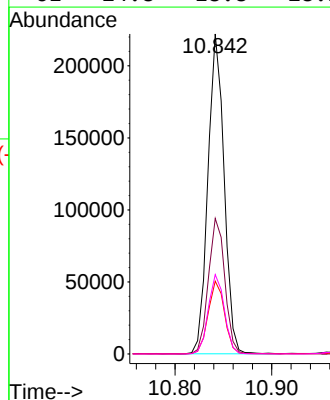
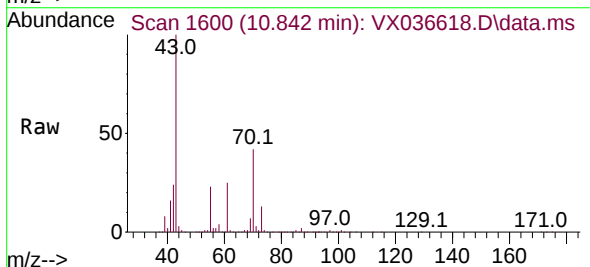
Ion Ratio Lower Upper

43 100

70 43.1 32.9 49.3

55 23.0 19.3 28.9

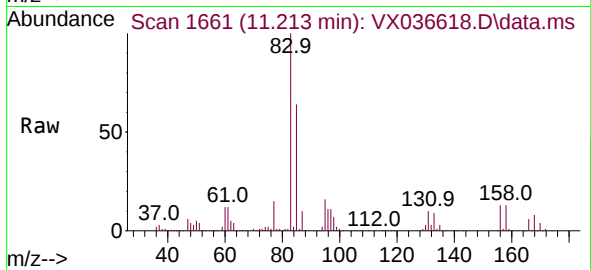
61 24.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.699 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

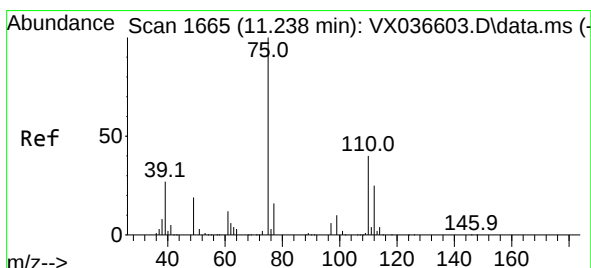
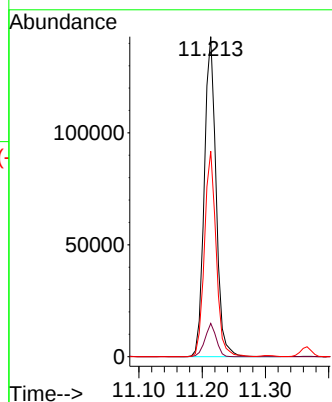
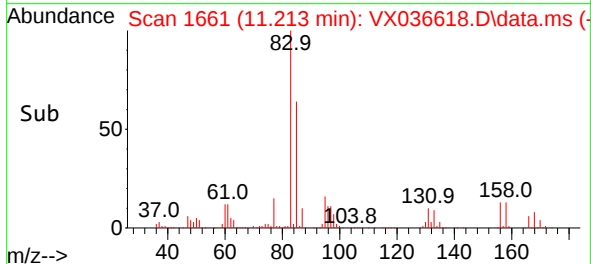
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



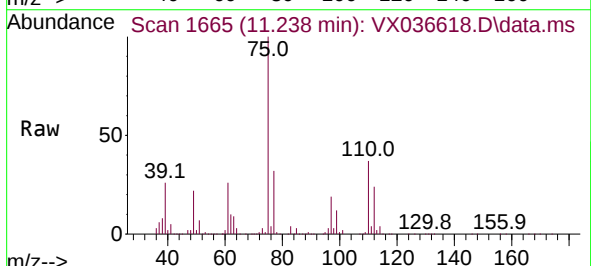
Tgt Ion: 83 Resp: 185430
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 63.7 32.0 96.2

Manual Integrations
APPROVED

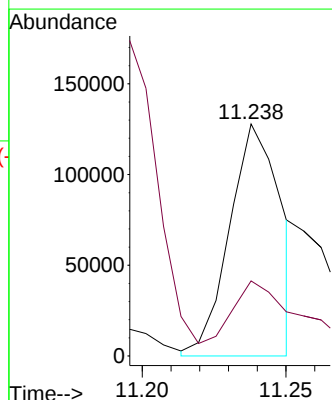
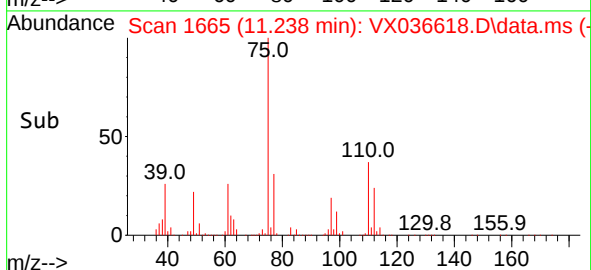
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#76
1,2,3-Trichloropropane
Concen: 48.445 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52



Tgt Ion: 75 Resp: 158479
Ion Ratio Lower Upper
75 100
77 45.2 19.1 57.5





#77

Bromobenzene

Concen: 48.128 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 12615

Ion Ratio Lower Upper

156 100

77 174.0 88.4 265.3

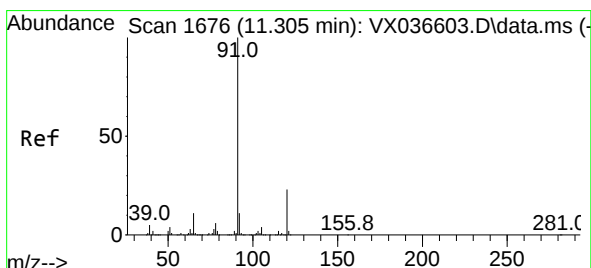
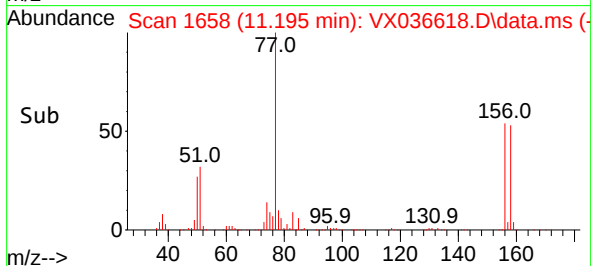
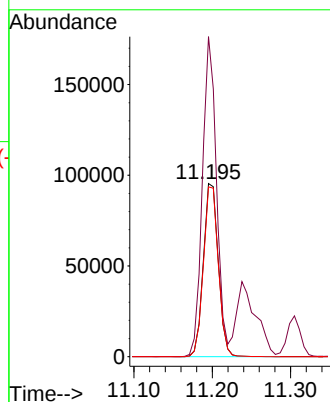
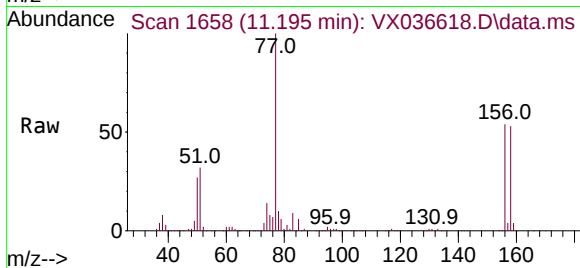
158 98.0 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#78

n-propylbenzene

Concen: 48.289 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036618.D

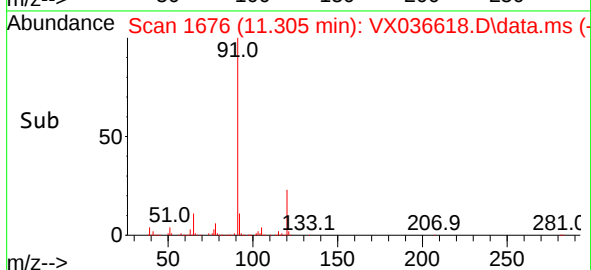
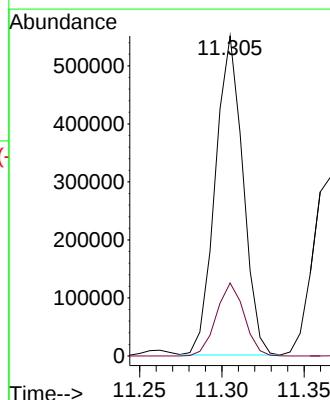
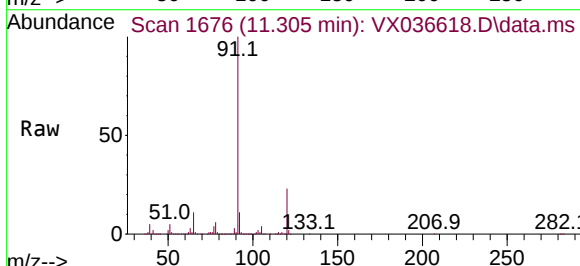
Acq: 21 Jul 2023 18:52

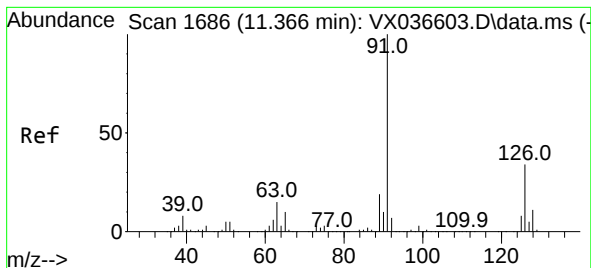
Tgt Ion: 91 Resp: 642798

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





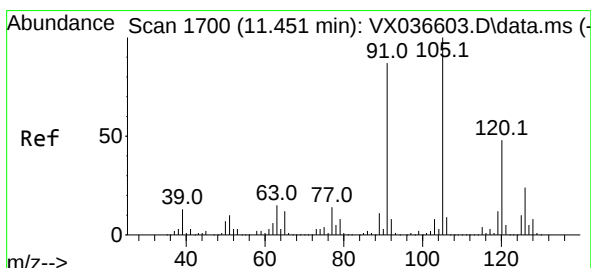
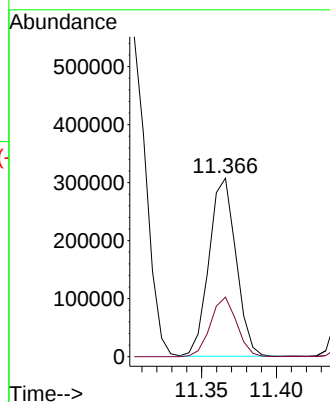
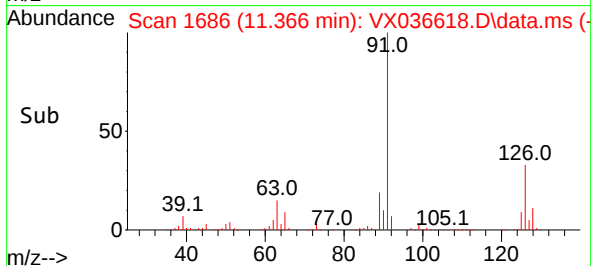
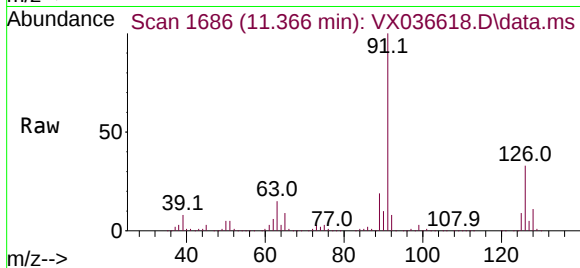
#79
2-Chlorotoluene
Concen: 47.785 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 38544
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

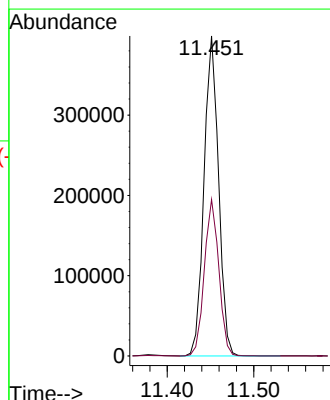
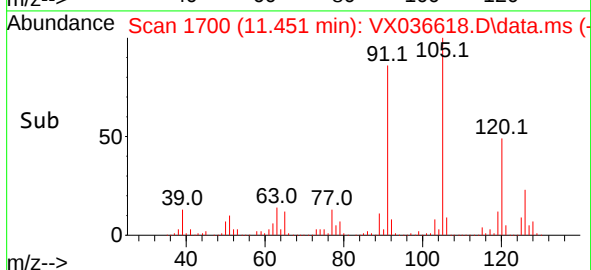
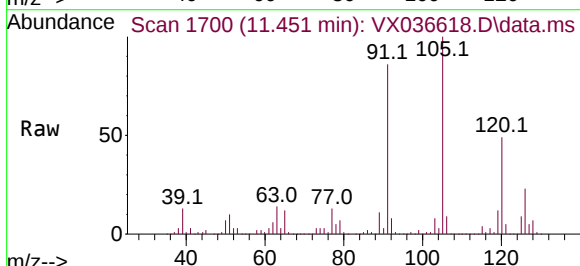
Manual Integrations
APPROVED

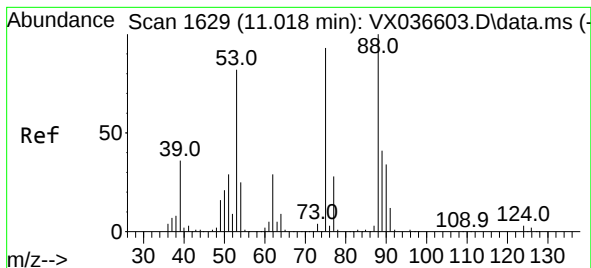
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.162 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

Tgt Ion:105 Resp: 463748
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





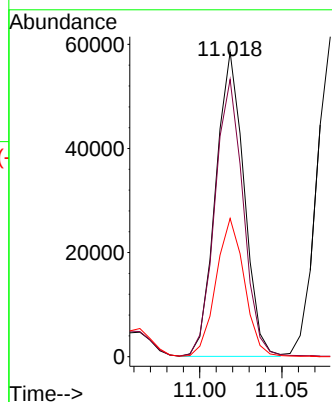
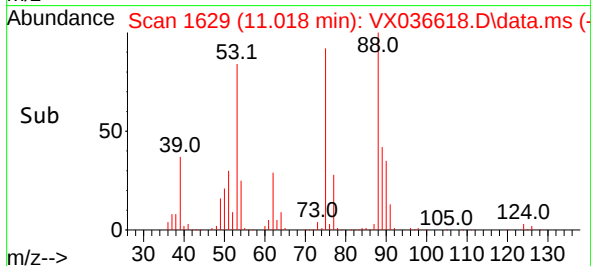
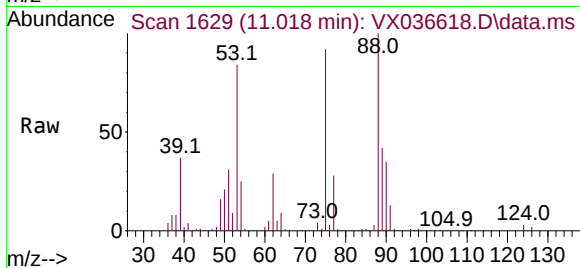
#81
trans-1,4-Dichloro-2-butene
Concen: 48.556 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 70080
Ion Ratio Lower Upper
75 100
53 90.8 90.5 135.7
89 45.5 36.9 55.3

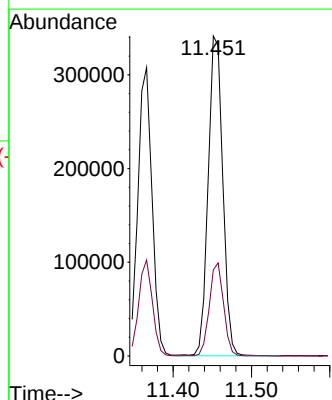
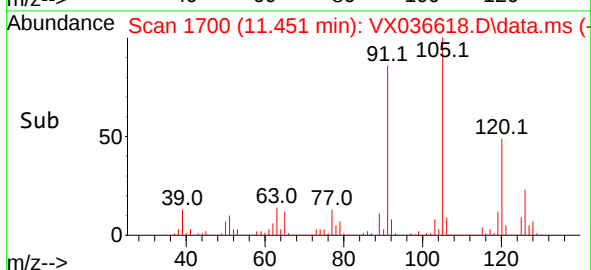
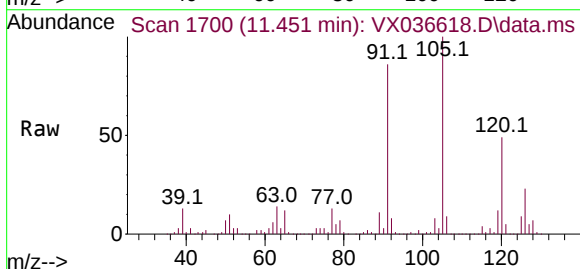
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#82
4-Chlorotoluene
Concen: 47.969 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

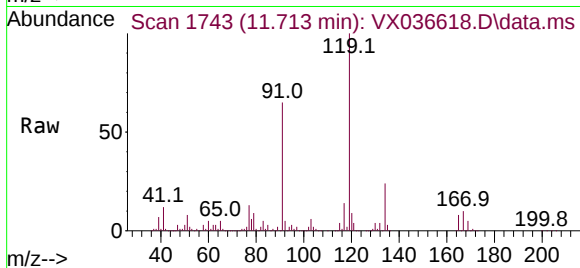
Tgt Ion: 91 Resp: 440866
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.243 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

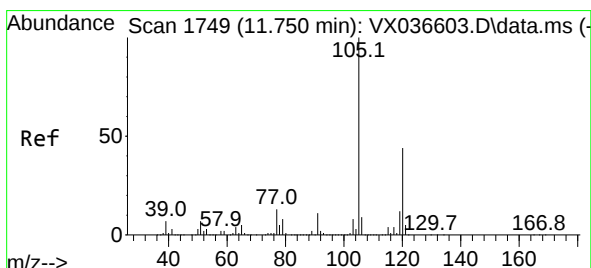
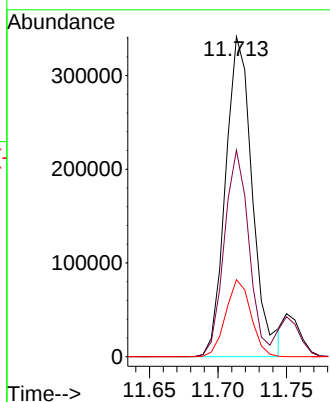
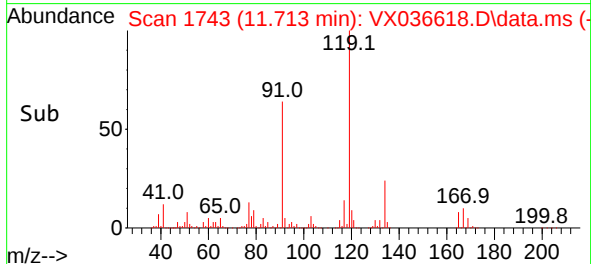
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 465810
Ion Ratio Lower Upper
119 100
91 59.5 31.2 93.6
134 22.6 11.7 35.0

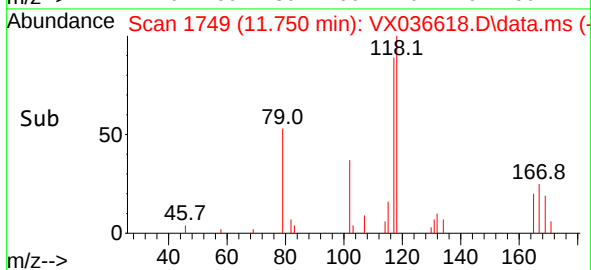
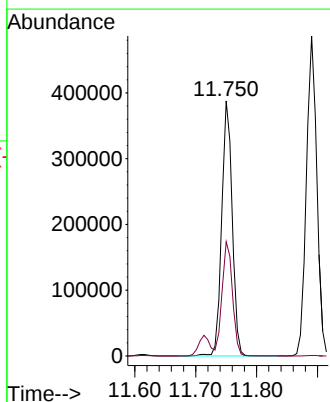
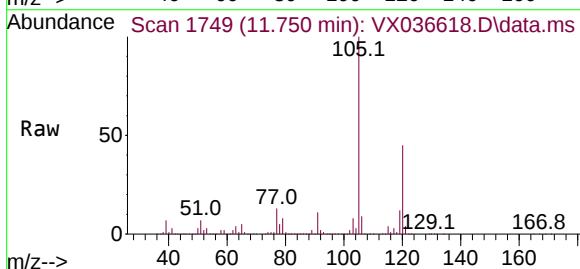
Manual Integrations
APPROVED

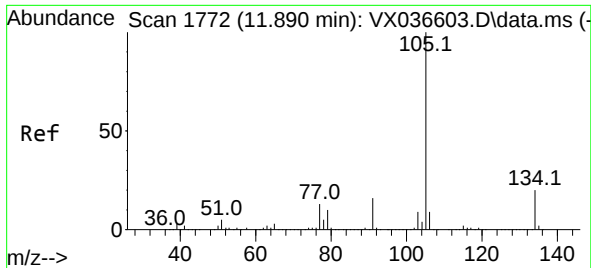
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.335 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

Tgt Ion:105 Resp: 465459
Ion Ratio Lower Upper
105 100
120 44.2 21.2 63.6





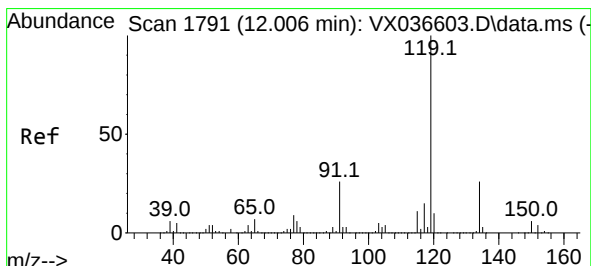
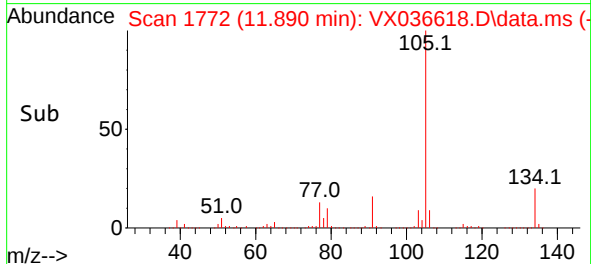
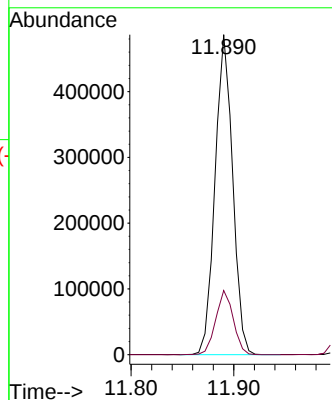
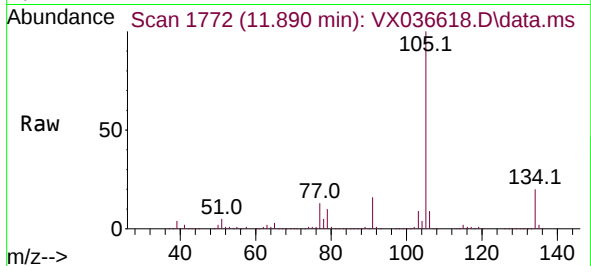
#85
 sec-Butylbenzene
 Concen: 49.074 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036618.D
 Acq: 21 Jul 2023 18:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 57892
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

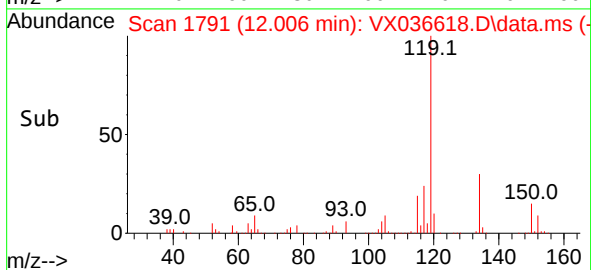
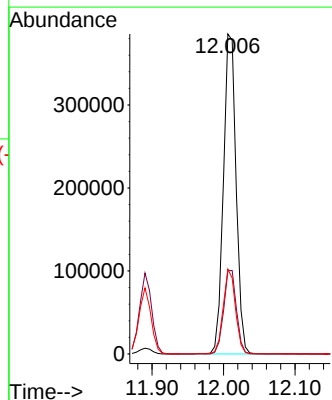
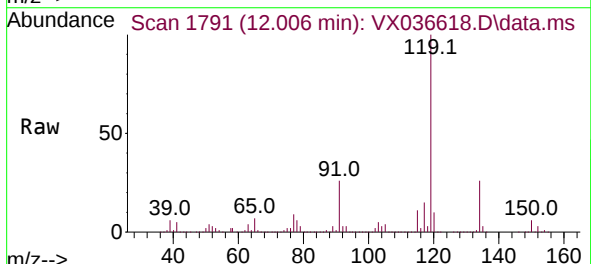
Manual Integrations
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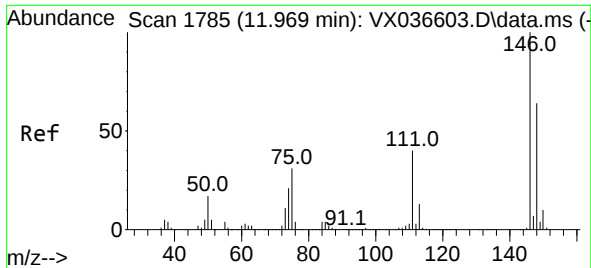
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#86
 p-Isopropyltoluene
 Concen: 49.026 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036618.D
 Acq: 21 Jul 2023 18:52

Tgt Ion:119 Resp: 475891
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 25.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.735 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 236600

Ion Ratio Lower Upper

146 100

111 42.7 22.1 66.1

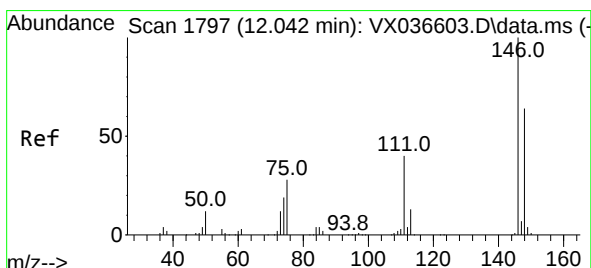
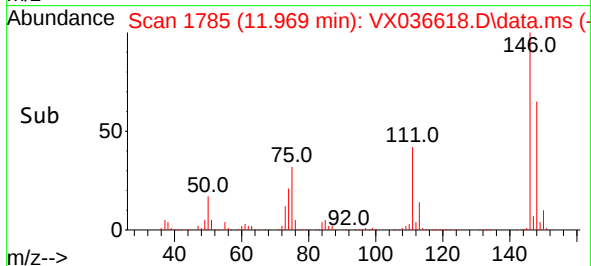
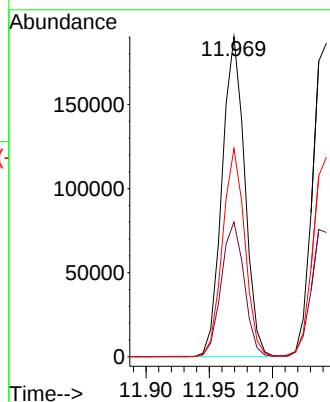
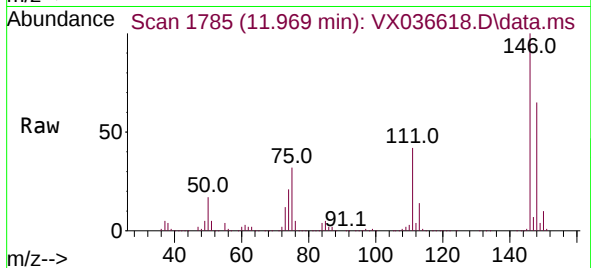
148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#88

1,4-Dichlorobenzene

Concen: 49.001 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

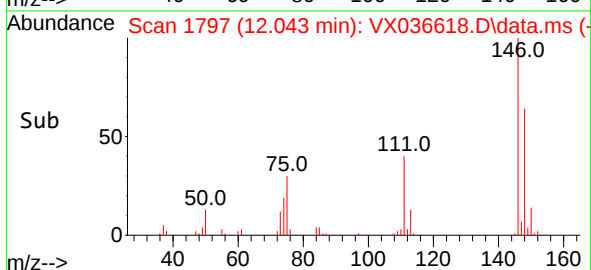
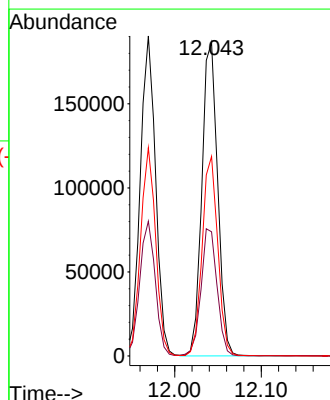
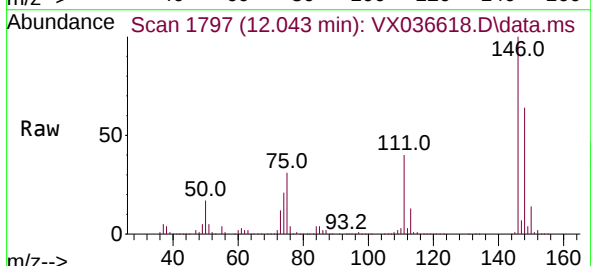
Tgt Ion:146 Resp: 236084

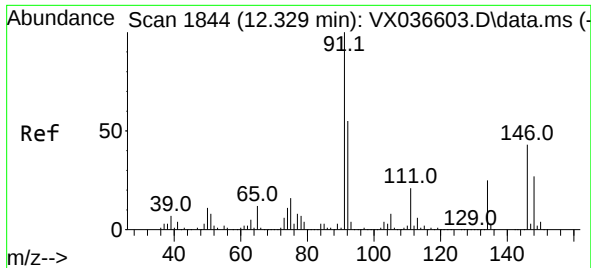
Ion Ratio Lower Upper

146 100

111 41.3 21.3 63.7

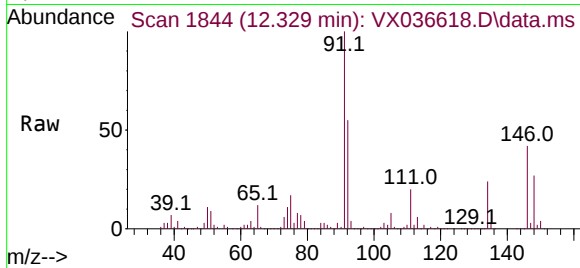
148 63.1 31.8 95.4





#89
n-Butylbenzene
Concen: 49.213 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

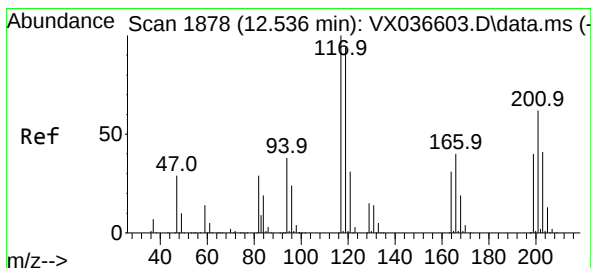
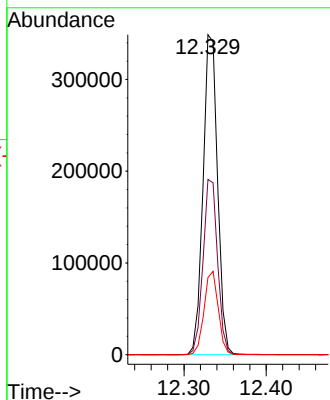
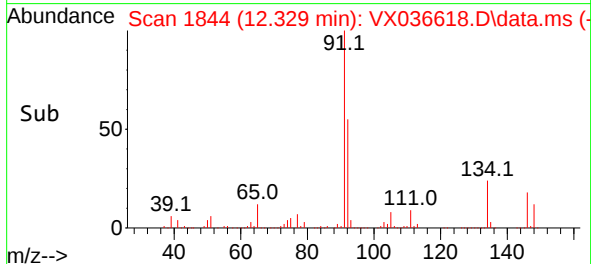
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 427640
Ion Ratio Lower Upper
91 100
92 55.0 27.4 82.0
134 25.5 12.6 37.8

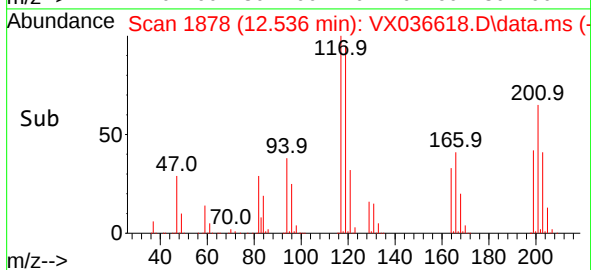
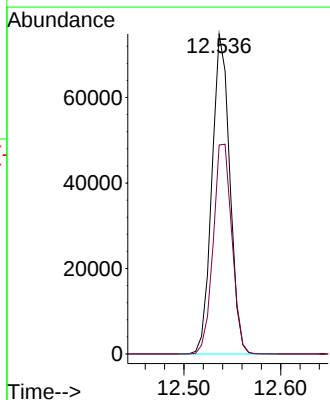
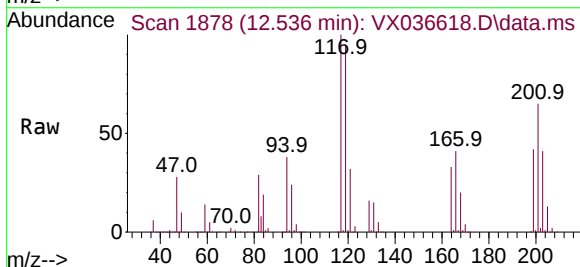
Manual Integrations
APPROVED

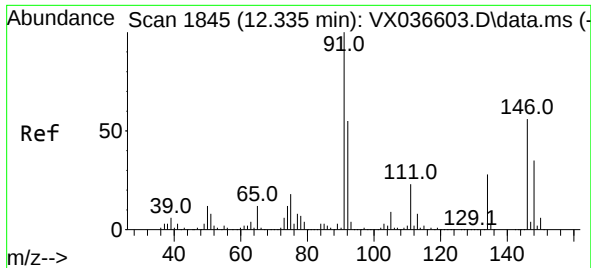
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#90
Hexachloroethane
Concen: 48.722 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

Tgt Ion:117 Resp: 95879
Ion Ratio Lower Upper
117 100
201 68.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.196 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

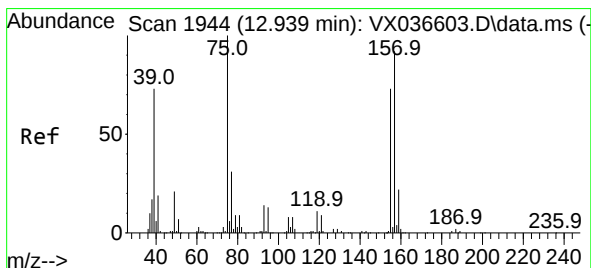
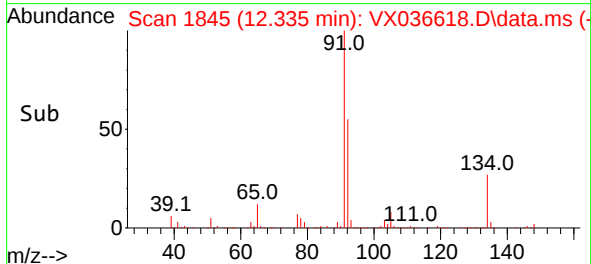
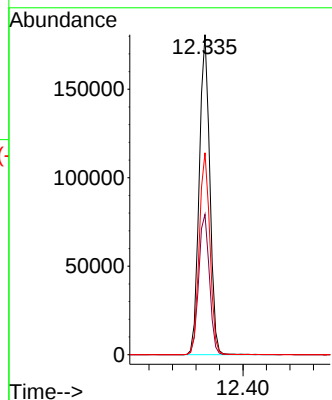
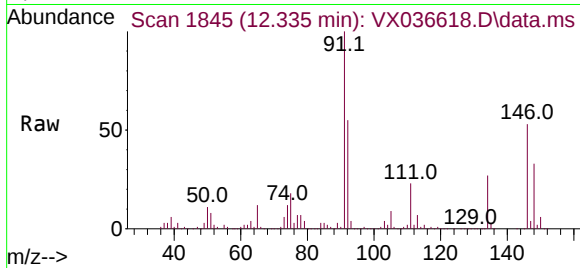
Tgt Ion:146 Resp: 22579
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.0
148 63.5 31.6 95.0

Manual Integrations

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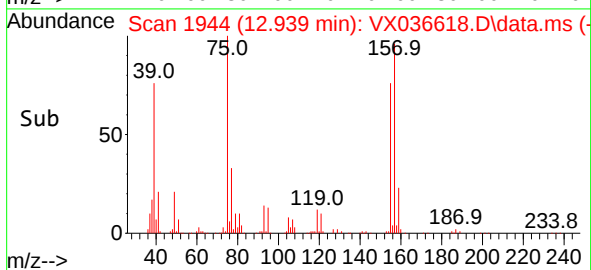
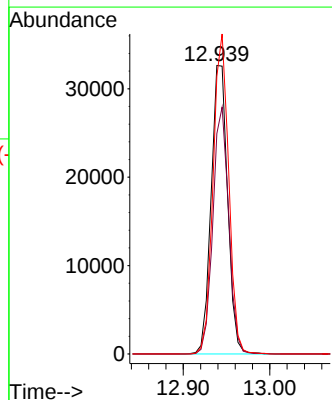
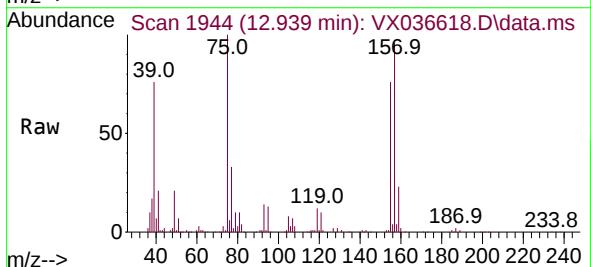
Reviewed By :John Carlone 07/24/2023

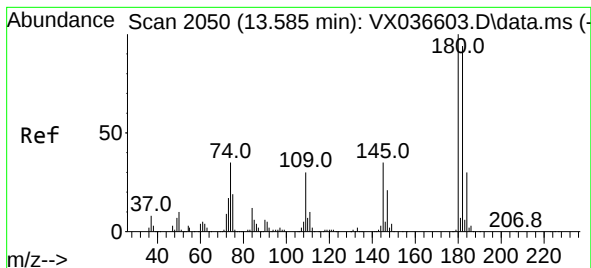
Supervised By :Mahesh Dadoda 07/24/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.811 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

Tgt Ion: 75 Resp: 43191
Ion Ratio Lower Upper
75 100
155 82.0 36.1 108.5
157 104.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.196 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

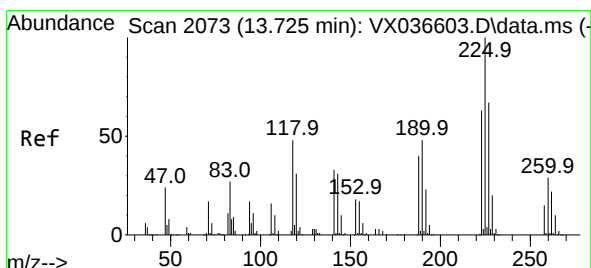
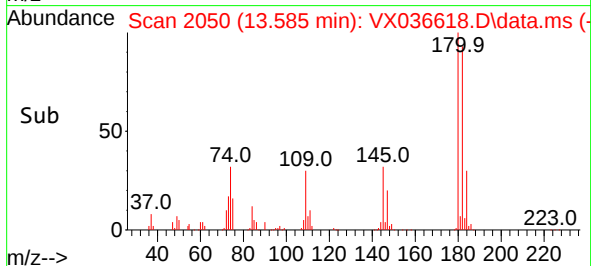
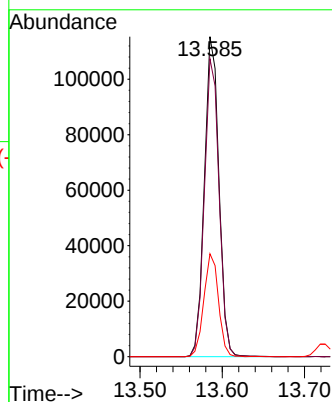
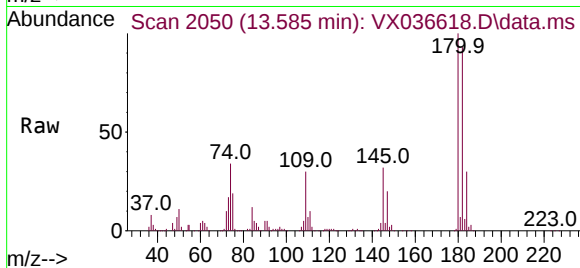
Tgt Ion:180	Resp:	141990
Ion Ratio	Lower	Upper
180	100	
182	93.8	48.3 144.8
145	32.3	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#94

Hexachlorobutadiene

Concen: 47.234 ug/l

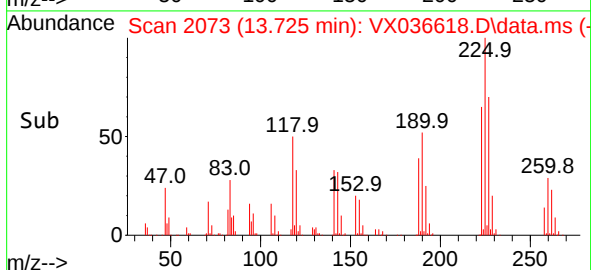
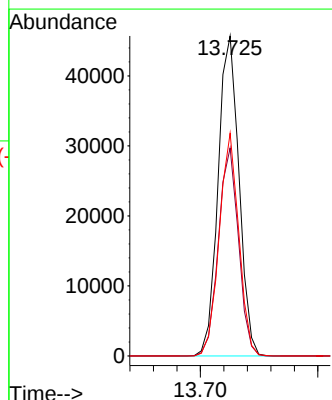
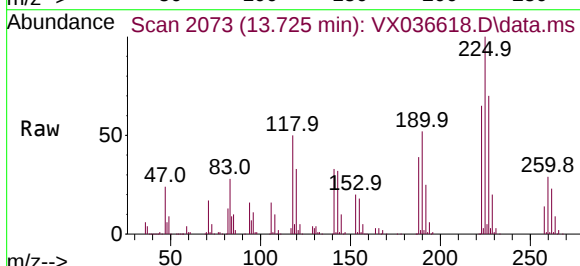
RT: 13.725 min Scan# 2073

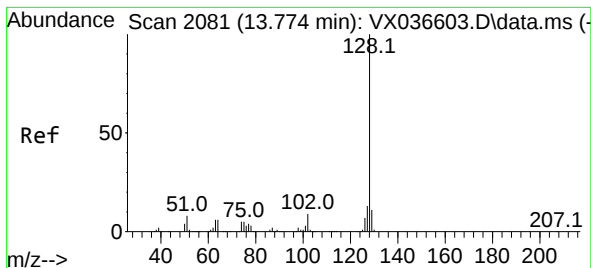
Delta R.T. 0.000 min

Lab File: VX036618.D

Acq: 21 Jul 2023 18:52

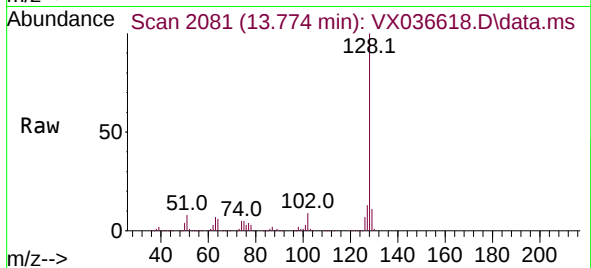
Tgt Ion:225	Resp:	56403
Ion Ratio	Lower	Upper
225	100	
223	62.5	31.1 93.2
227	65.1	32.5 97.5





#95
Naphthalene
Concen: 49.478 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

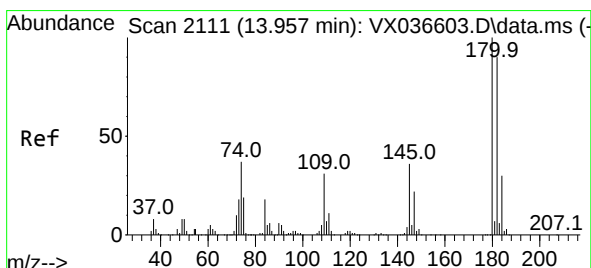
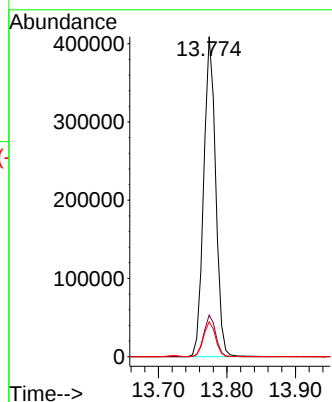
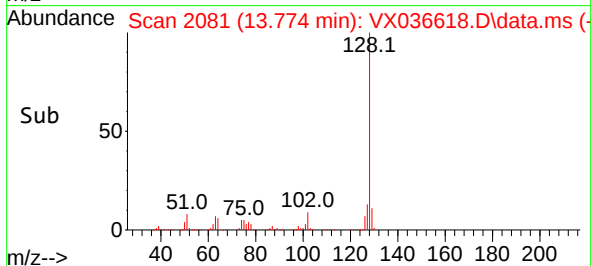
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 497664
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.647 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036618.D
Acq: 21 Jul 2023 18:52

Tgt Ion:180 Resp: 138393
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 35.2 17.8 53.5

