

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034503.D
 Acq On : 15 Mar 2023 13:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023

Quant Time: Mar 16 05:17:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	278840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	459656	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	422823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	195192	48.118	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.240%		
35) Dibromofluoromethane	5.379	113	151506	49.922	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.840%		
50) Toluene-d8	8.647	98	575286	50.778	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.560%		
62) 4-Bromofluorobenzene	11.079	95	236154	51.605	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	121222	46.633	ug/l	100
3) Chloromethane	1.307	50	168995	42.726	ug/l	99
4) Vinyl Chloride	1.374	62	163660	46.237	ug/l	100
5) Bromomethane	1.599	94	89941	50.362	ug/l	95
6) Chloroethane	1.679	64	103667	50.868	ug/l	98
7) Trichlorofluoromethane	1.886	101	271893	51.122	ug/l	97
8) Diethyl Ether	2.130	74	97455	50.196	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	145883	47.066	ug/l	99
10) Methyl Iodide	2.447	142	198072	48.674	ug/l	98
11) Tert butyl alcohol	2.953	59	167822	198.665	ug/l	100
12) 1,1-Dichloroethene	2.319	96	138079	45.234	ug/l	99
13) Acrolein	2.233	56	191587	286.688	ug/l	99
14) Allyl chloride	2.660	41	264746	42.779	ug/l	99
15) Acrylonitrile	3.056	53	421269	230.856	ug/l	99
16) Acetone	2.374	43	450183	235.594	ug/l	99
17) Carbon Disulfide	2.508	76	339901	39.567	ug/l	100
18) Methyl Acetate	2.697	43	281652	45.110	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	500313	45.776	ug/l	100
20) Methylene Chloride	2.782	84	163872	44.188	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	150280	46.357	ug/l	99
22) Diisopropyl ether	3.757	45	554803	47.020	ug/l	93
23) Vinyl Acetate	3.715	43	2120107	236.092	ug/l	99
24) 1,1-Dichloroethane	3.605	63	290653	45.824	ug/l	99
25) 2-Butanone	4.550	43	641318	234.559	ug/l	98
26) 2,2-Dichloropropane	4.471	77	249393	45.234	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	178162	45.653	ug/l	98
28) Bromochloromethane	4.891	49	140743	47.723	ug/l	100
29) Tetrahydrofuran	4.995	42	389840	231.067	ug/l	99
30) Chloroform	5.086	83	300622	48.352	ug/l	98
31) Cyclohexane	5.471	56	261595	45.982	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	259951	47.229	ug/l	99
36) 1,1-Dichloropropene	5.690	75	221319	47.480	ug/l	99
37) Ethyl Acetate	4.708	43	236519	46.446	ug/l	99
38) Carbon Tetrachloride	5.678	117	220463	47.542	ug/l	100
39) Methylcyclohexane	7.379	83	271083	48.595	ug/l	95
40) Benzene	6.038	78	647316	47.470	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	132688	47.545	ug/l	99
42) 1,2-Dichloroethane	6.080	62	248451	49.575	ug/l	99
43) Isopropyl Acetate	6.336	43	408161	47.313	ug/l	100
44) Trichloroethene	7.123	130	164326	46.380	ug/l	99
45) 1,2-Dichloropropane	7.428	63	171335	48.121	ug/l	100
46) Dibromomethane	7.580	93	117788	48.661	ug/l	98
47) Bromodichloromethane	7.818	83	231579	49.432	ug/l	97
48) Methyl methacrylate	7.690	41	199342	48.045	ug/l	97
49) 1,4-Dioxane	7.653	88	81597	936.323	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1239780	247.732	ug/l	99
52) Toluene	8.714	92	417266	49.426	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	260328	49.324	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	275350	48.221	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	168913	50.415	ug/l	97
56) Ethyl methacrylate	9.116	69	272500	49.536	ug/l	99
57) 1,3-Dichloropropane	9.305	76	293032	49.210	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	671054	236.702	ug/l	100
59) 2-Hexanone	9.427	43	972774	251.455	ug/l	100
60) Dibromochloromethane	9.519	129	176386	50.196	ug/l	99
61) 1,2-Dibromoethane	9.610	107	178580	49.393	ug/l	100
64) Tetrachloroethene	9.269	164	137586	48.441	ug/l	98
65) Chlorobenzene	10.079	112	446381	48.117	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	166689	49.334	ug/l	99
67) Ethyl Benzene	10.195	91	830559	50.009	ug/l	97
68) m/p-Xylenes	10.299	106	624822	97.937	ug/l	99
69) o-Xylene	10.640	106	308917	48.250	ug/l	98
70) Styrene	10.653	104	519478	50.290	ug/l	100
71) Bromoform	10.799	173	125585	48.286	ug/l #	100
73) Isopropylbenzene	10.963	105	823588	47.395	ug/l	99
74) N-amyl acetate	10.842	43	395630	47.534	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	272312	46.961	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	226698m	43.912	ug/l	
77) Bromobenzene	11.195	156	193080	46.312	ug/l	99
78) n-propylbenzene	11.305	91	982549	48.960	ug/l	99
79) 2-Chlorotoluene	11.366	91	595906	48.079	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	707469	48.539	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	82101	43.023	ug/l	94
82) 4-Chlorotoluene	11.451	91	692151	48.482	ug/l	100
83) tert-Butylbenzene	11.713	119	694415	47.253	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	714511	47.967	ug/l	99
85) sec-Butylbenzene	11.890	105	883574	49.181	ug/l	100
86) p-Isopropyltoluene	12.006	119	743624	49.249	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	383453	46.941	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	384728	46.578	ug/l	100
89) n-Butylbenzene	12.335	91	676202	50.376	ug/l	99
90) Hexachloroethane	12.536	117	130622	46.752	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	373081	47.259	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59296	45.008	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	232374	47.071	ug/l	99
94) Hexachlorobutadiene	13.725	225	96073	48.306	ug/l	99
95) Naphthalene	13.774	128	769578	46.487	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	231110	47.892	ug/l	98

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QLast Update : Mon Mar 13 10:29:32 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

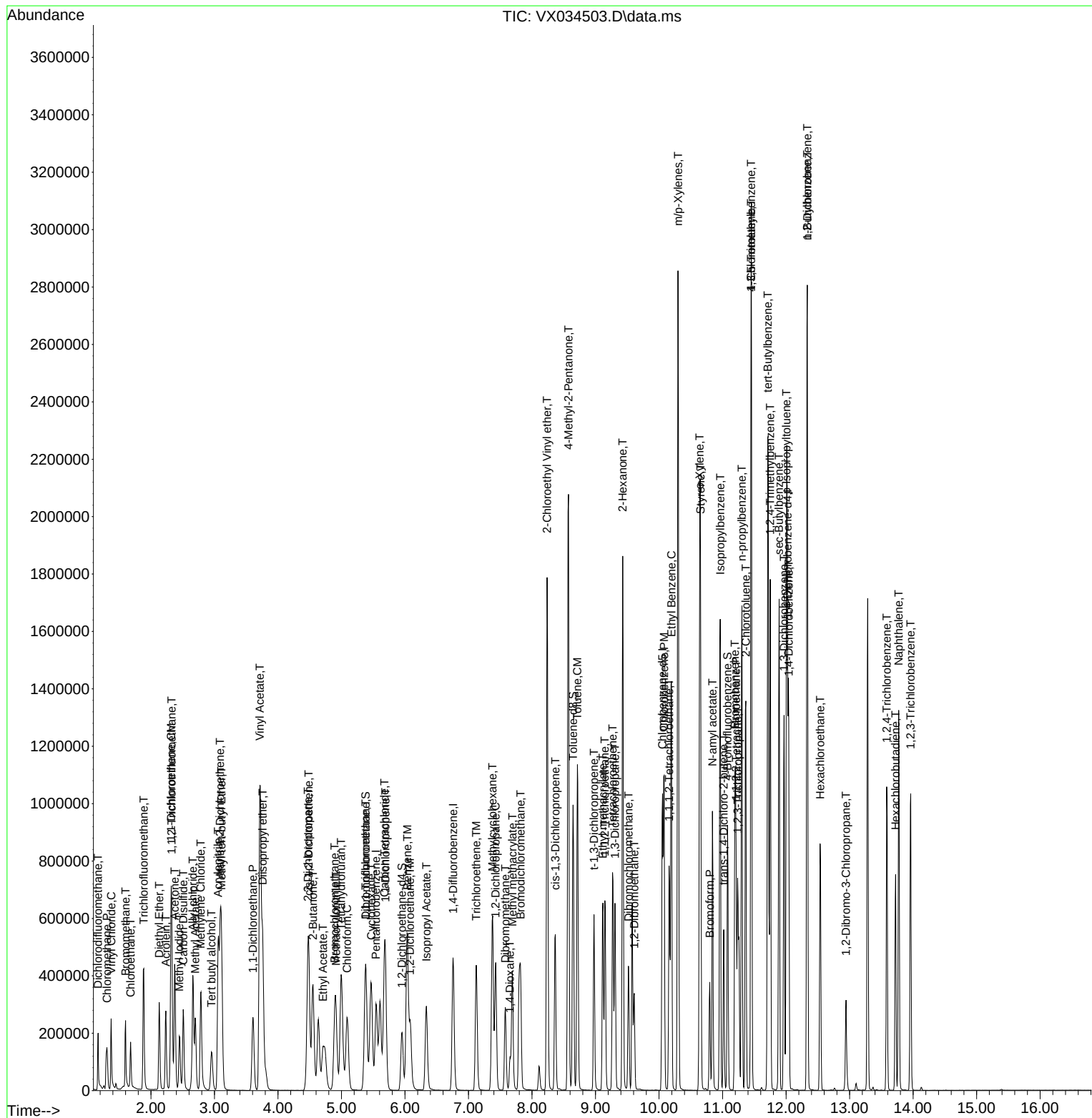
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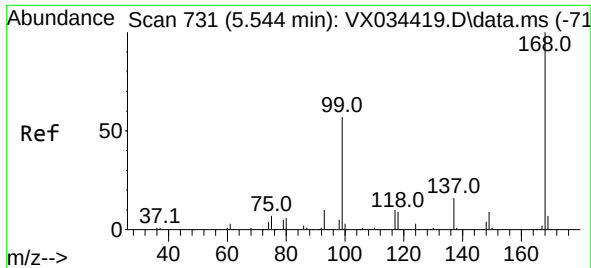
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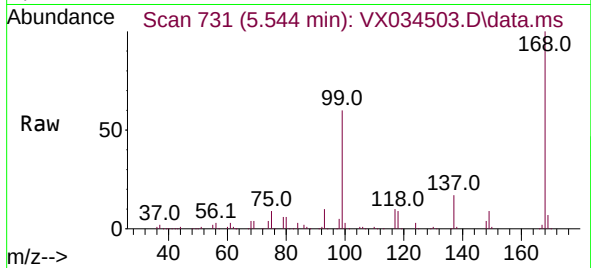
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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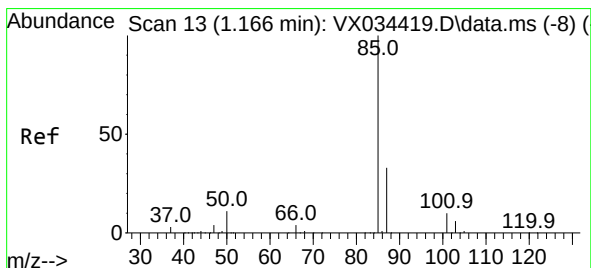
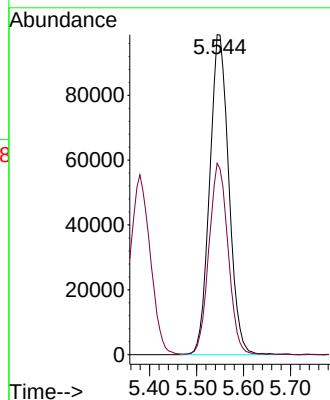
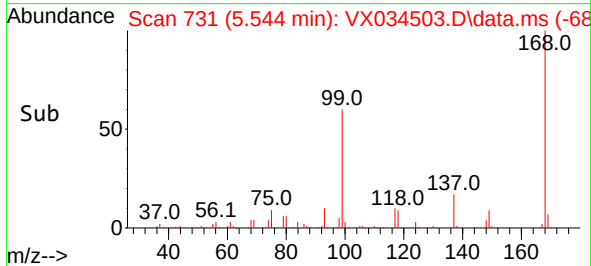
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion:168 Resp: 278840
Ion Ratio Lower Upper
168 100
99 59.8 45.7 68.5

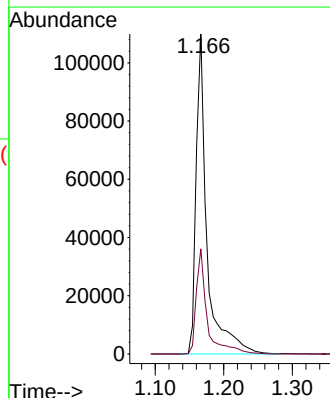
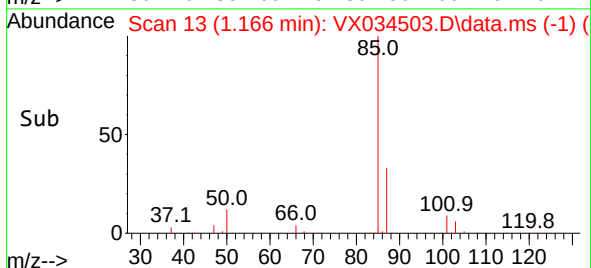
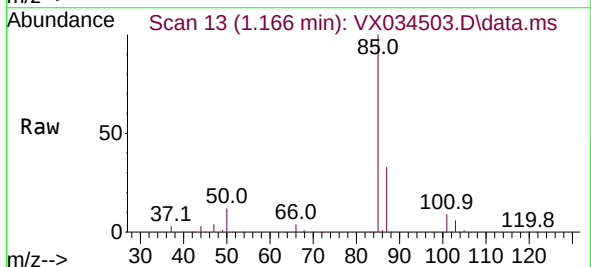
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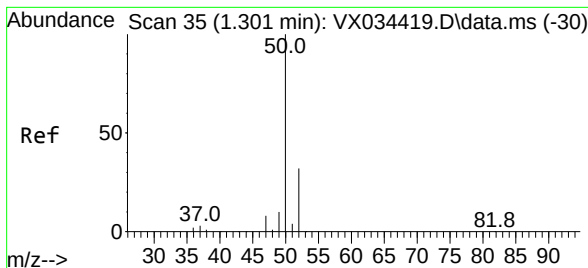
Reviewed By :John Carlone 03/16/2023
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#2
Dichlorodifluoromethane
Concen: 46.633 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

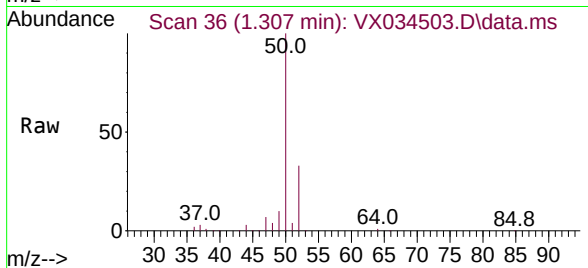
Tgt Ion: 85 Resp: 121222
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.1





#3
Chloromethane
Concen: 42.726 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

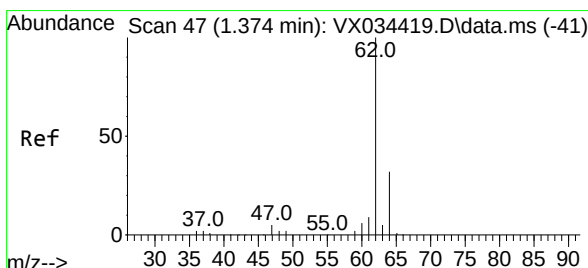
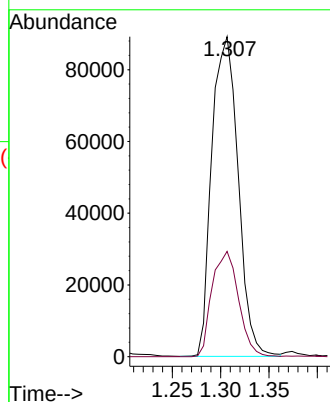
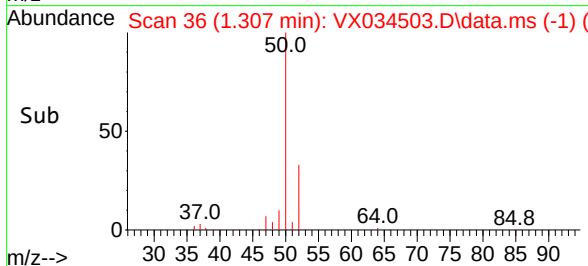
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion: 50 Resp: 16899
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9

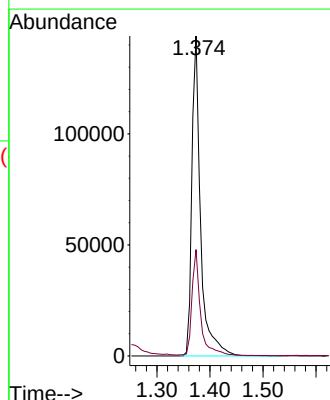
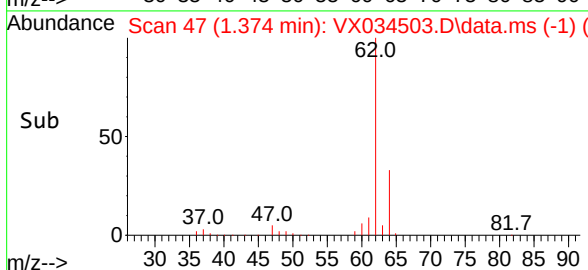
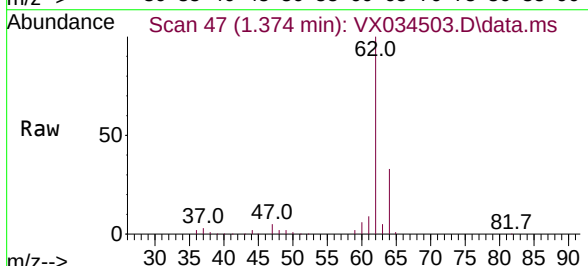
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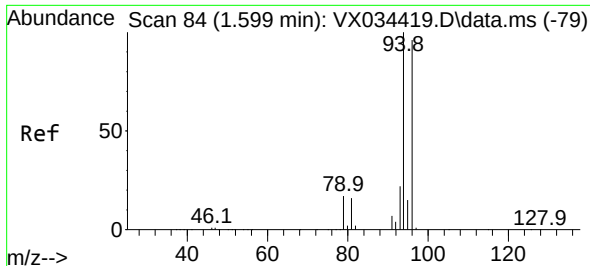
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#4
Vinyl Chloride
Concen: 46.237 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 62 Resp: 163660
Ion Ratio Lower Upper
62 100
64 33.1 26.4 39.6





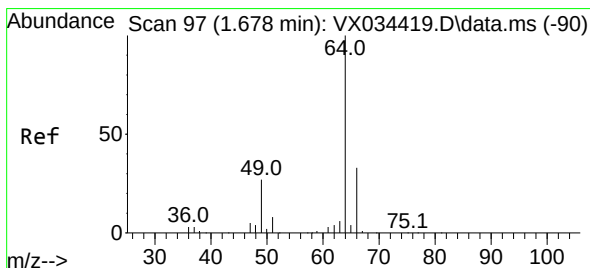
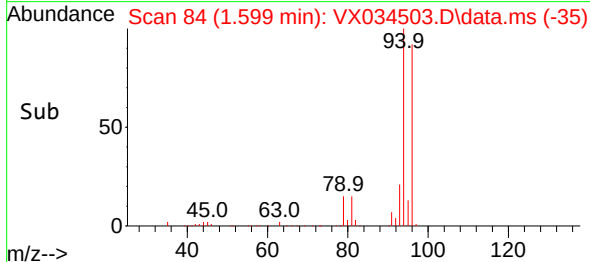
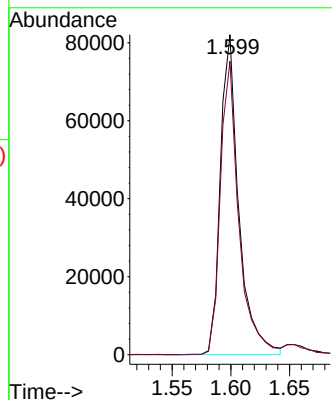
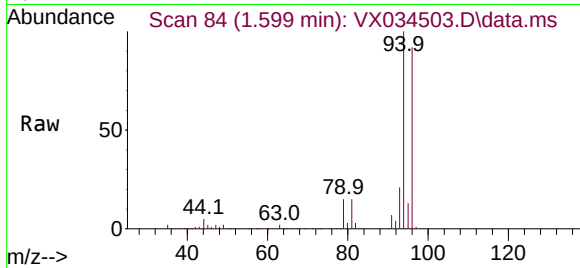
#5
Bromomethane
Concen: 50.362 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Instrument :
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Tgt Ion: 94 Resp: 8994
Ion Ratio Lower Upper
94 100
96 91.7 77.0 115.6

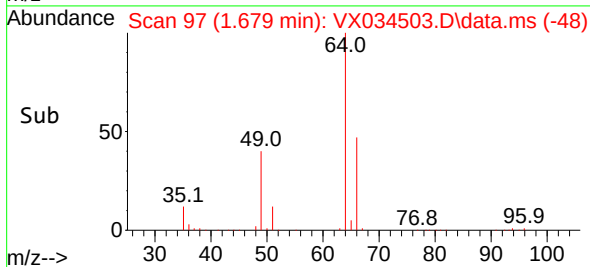
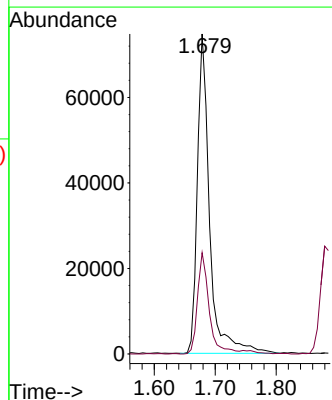
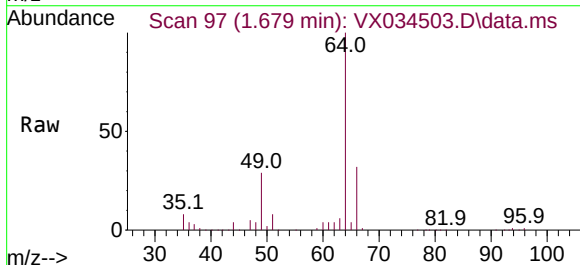
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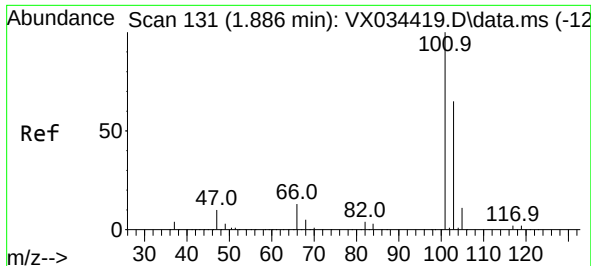
Reviewed By :John Carlone 03/16/2023
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#6
Chloroethane
Concen: 50.868 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

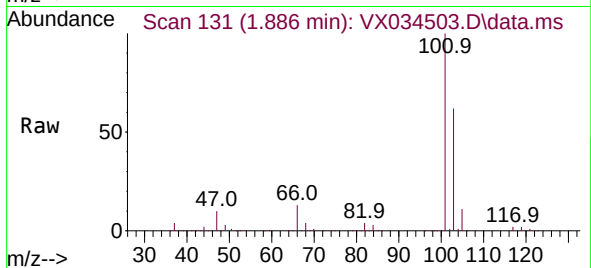
Tgt Ion: 64 Resp: 103667
Ion Ratio Lower Upper
64 100
66 31.7 26.2 39.4





#7
Trichlorofluoromethane
Concen: 51.122 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

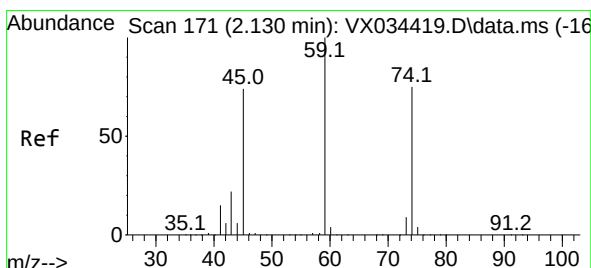
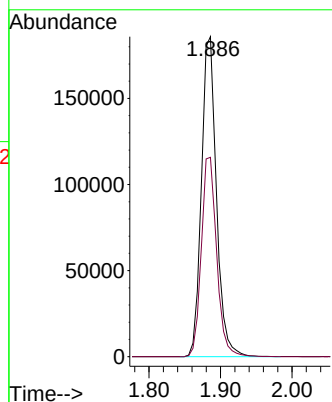
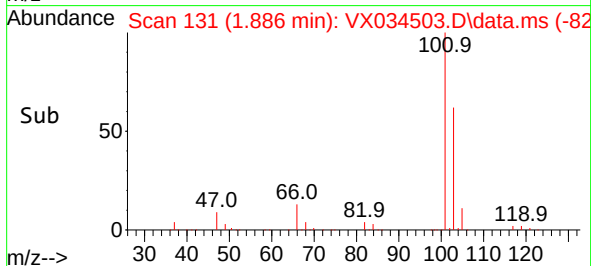
Instrument :
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Tgt Ion:101 Resp: 27189
Ion Ratio Lower Upper
101 100
103 62.3 52.0 78.0

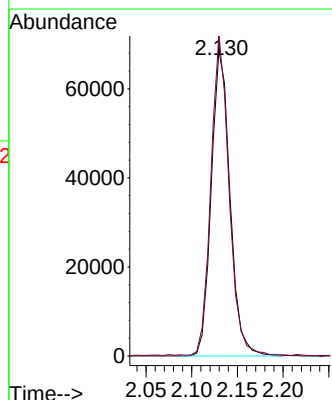
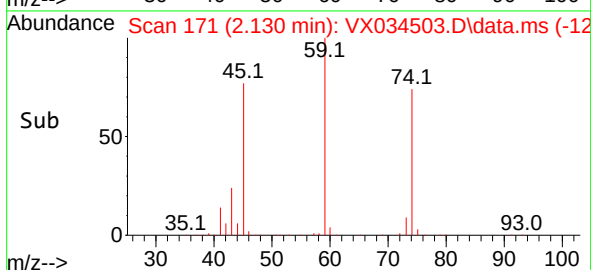
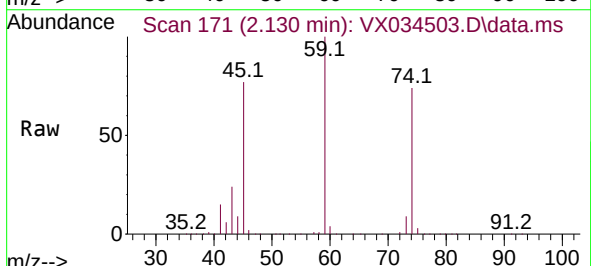
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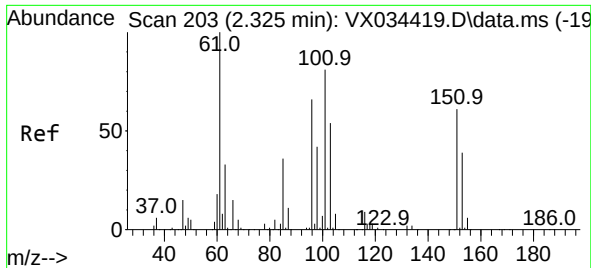
Reviewed By :John Carlone 03/16/2023
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#8
Diethyl Ether
Concen: 50.196 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 74 Resp: 97455
Ion Ratio Lower Upper
74 100
45 102.0 49.8 149.3





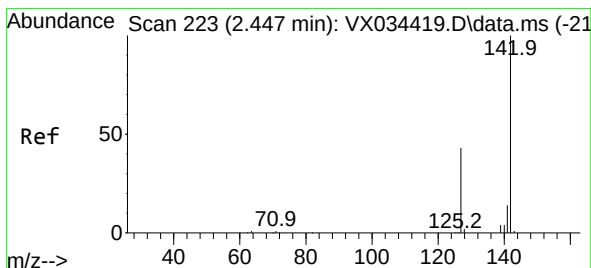
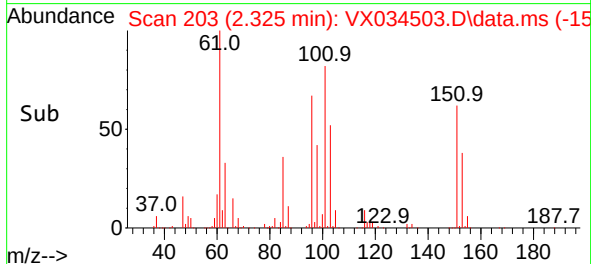
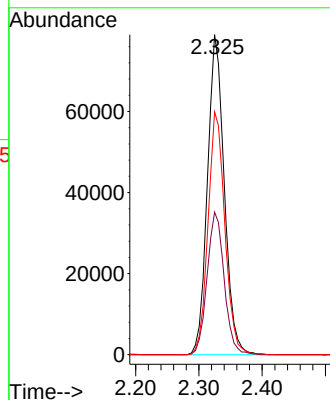
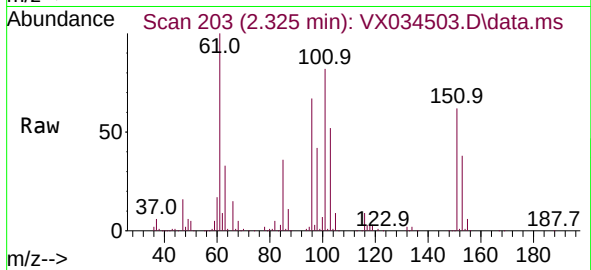
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.066 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 14588
Ion Ratio Lower Upper
101 100
85 45.2 35.4 53.2
151 76.2 60.2 90.4

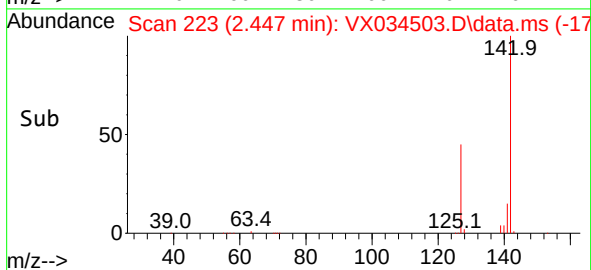
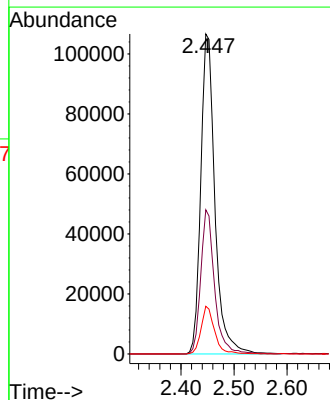
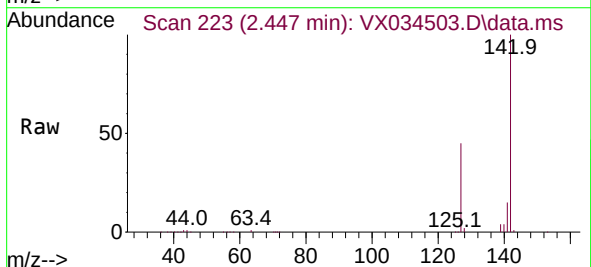
Manual Integrations
APPROVED

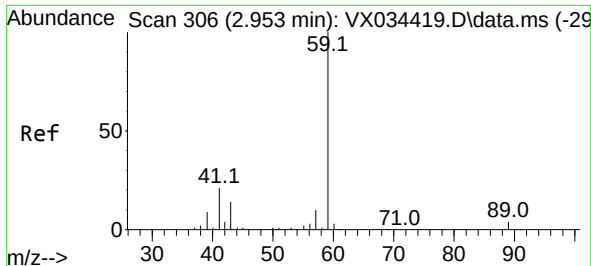
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#10
Methyl Iodide
Concen: 48.674 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

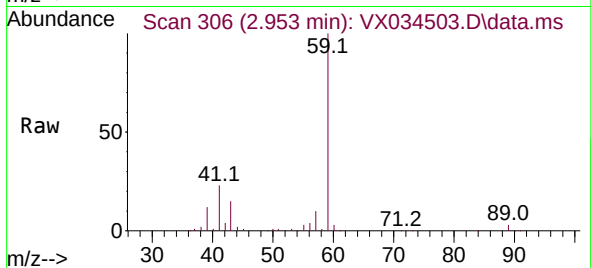
Tgt Ion:142 Resp: 198072
Ion Ratio Lower Upper
142 100
127 44.0 34.0 51.0
141 14.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 198.665 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

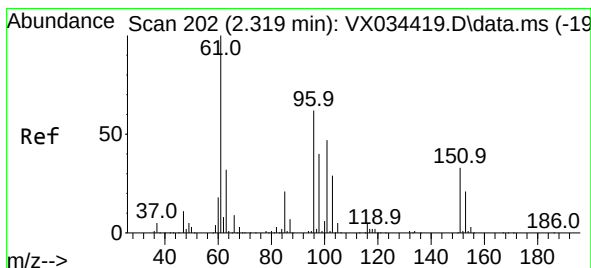
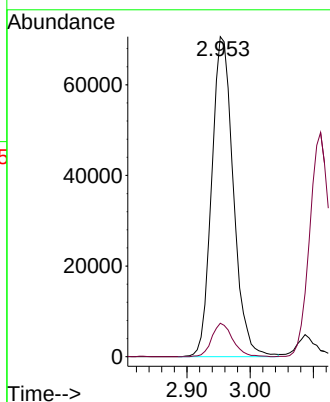
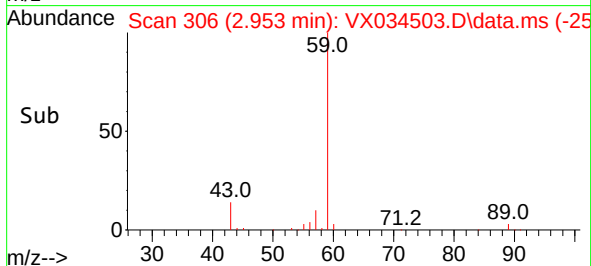
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 16782
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

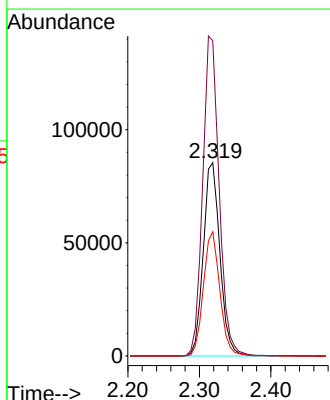
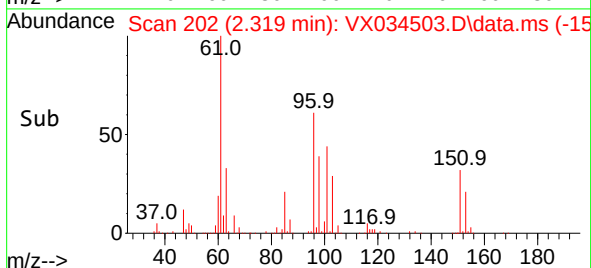
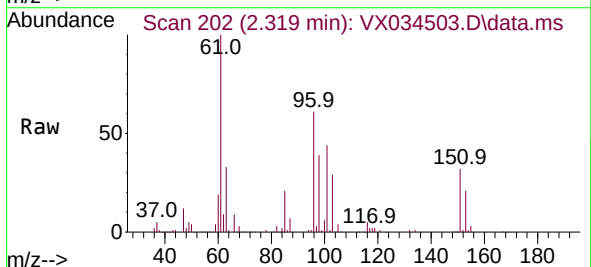
Manual Integrations
APPROVED

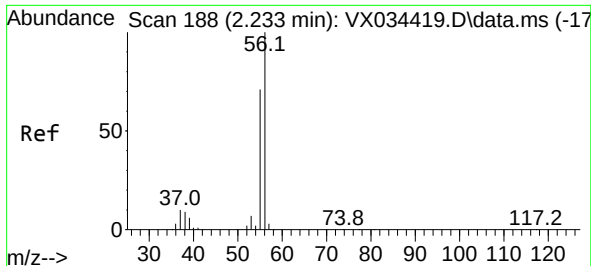
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#12
1,1-Dichloroethene
Concen: 45.234 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 96 Resp: 138079
Ion Ratio Lower Upper
96 100
61 163.1 128.8 193.2
98 64.2 51.4 77.0





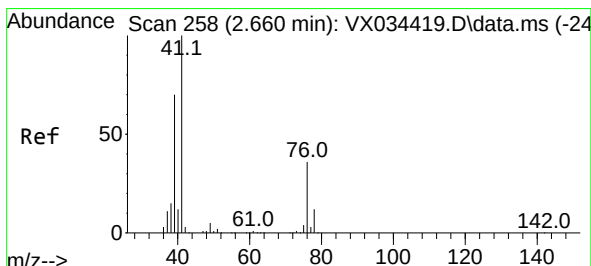
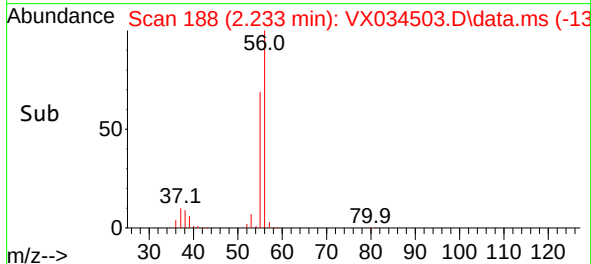
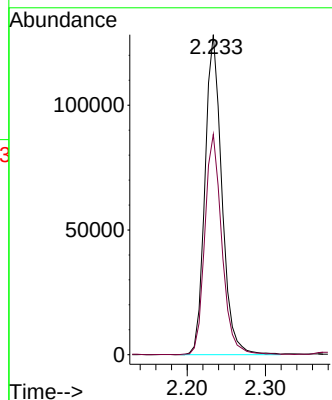
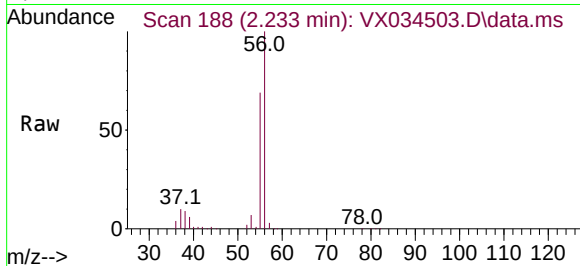
#13
Acrolein
Concen: 286.688 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 19158
Ion Ratio Lower Upper
56 100
55 69.7 56.6 85.0

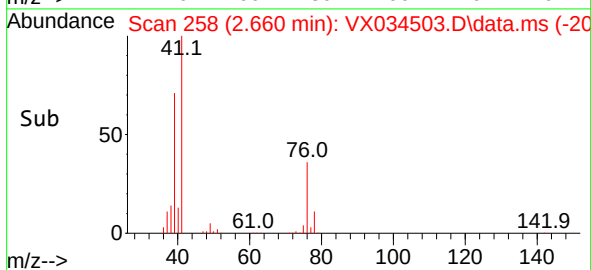
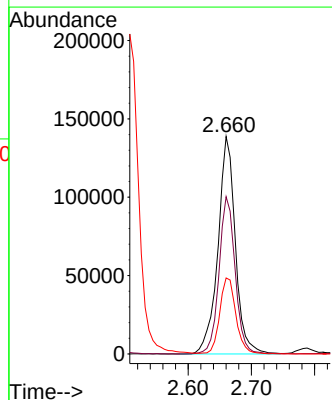
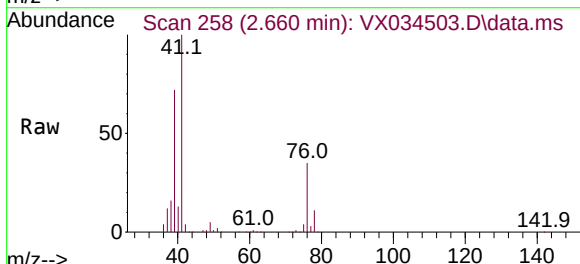
Manual Integrations
APPROVED

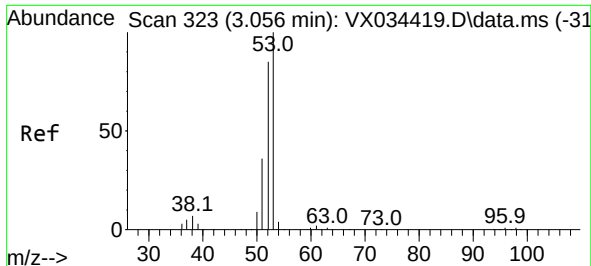
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#14
Allyl chloride
Concen: 42.779 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 41 Resp: 264746
Ion Ratio Lower Upper
41 100
39 67.0 52.4 78.6
76 32.5 26.0 39.0





#15

Acrylonitrile

Concen: 230.856 ug/l

RT: 3.056 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 421269

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.2

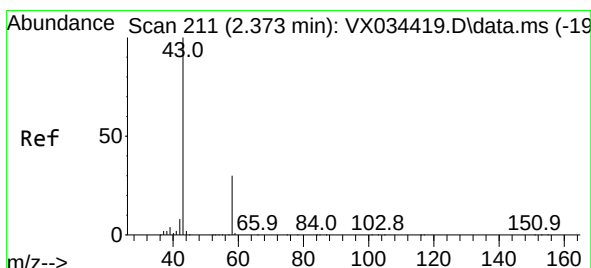
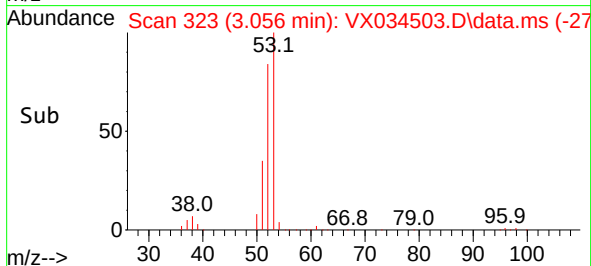
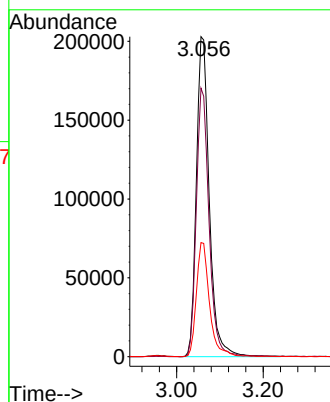
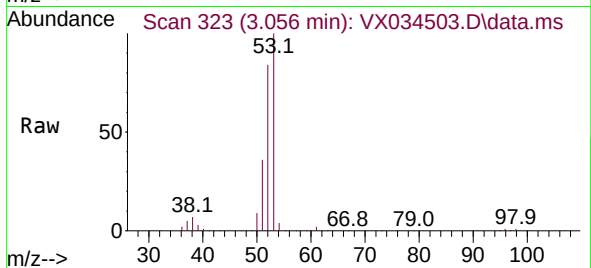
51 36.3 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#16

Acetone

Concen: 235.594 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX034503.D

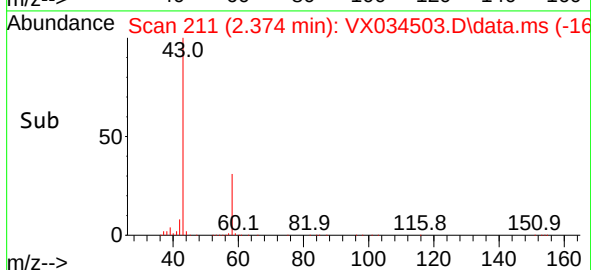
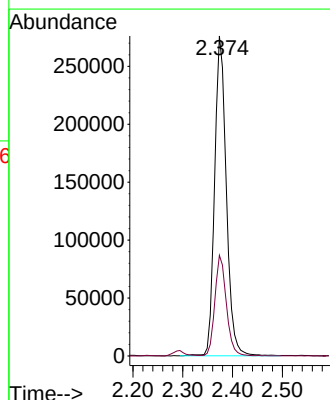
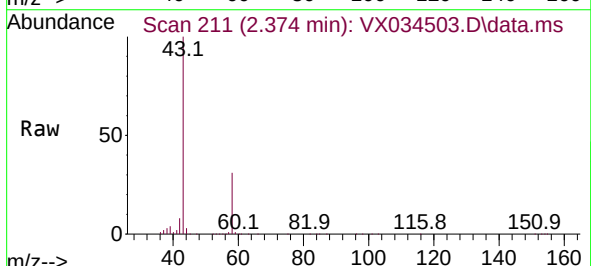
Acq: 15 Mar 2023 13:04

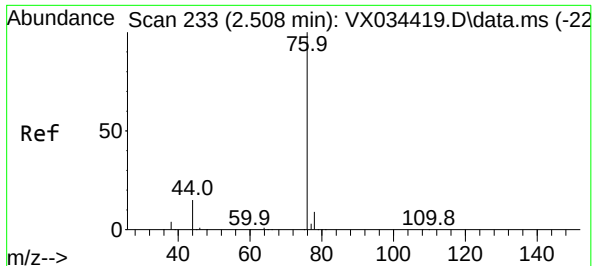
Tgt Ion: 43 Resp: 450183

Ion Ratio Lower Upper

43 100

58 31.4 24.7 37.1





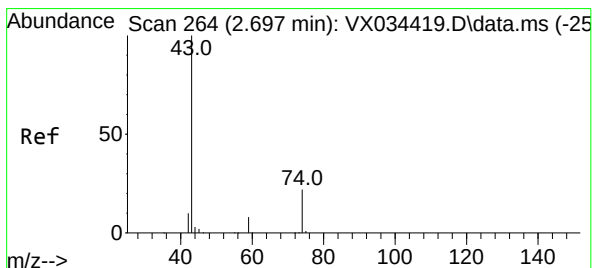
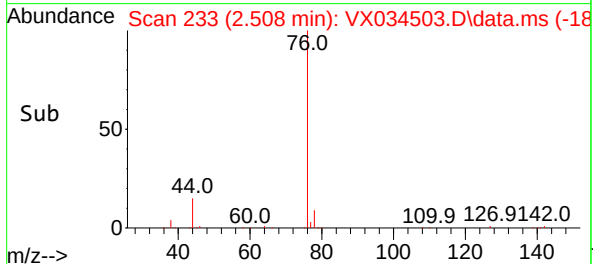
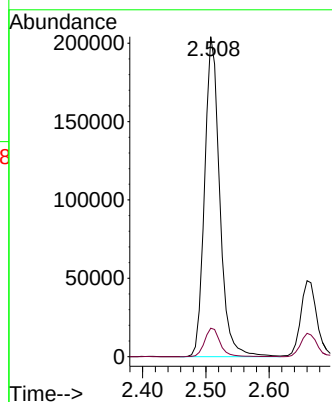
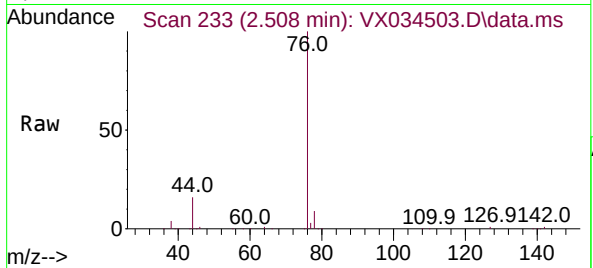
#17
Carbon Disulfide
Concen: 39.567 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 33990
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

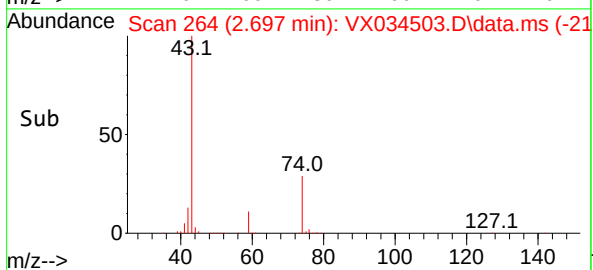
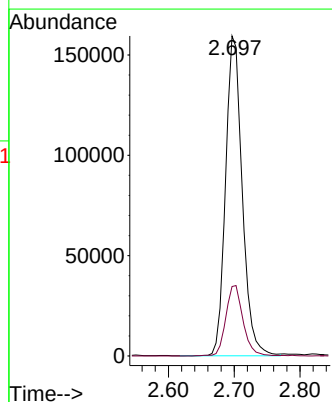
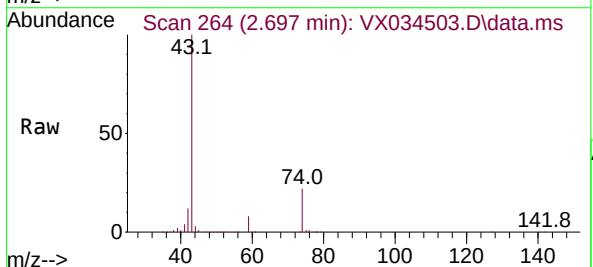
Manual Integrations
APPROVED

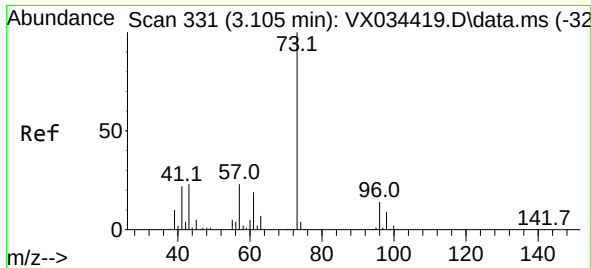
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#18
Methyl Acetate
Concen: 45.110 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 43 Resp: 281652
Ion Ratio Lower Upper
43 100
74 22.8 18.3 27.5





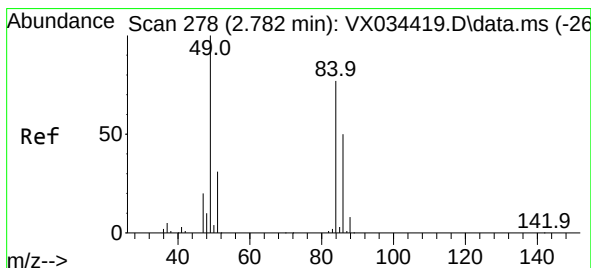
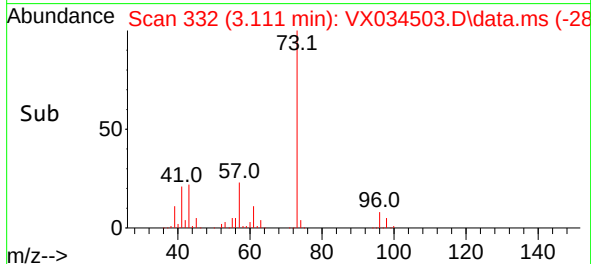
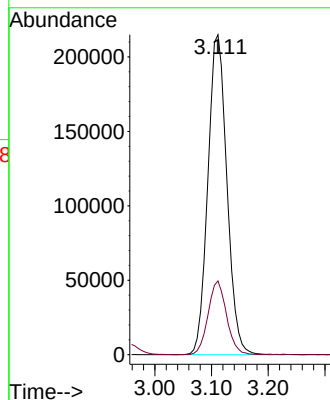
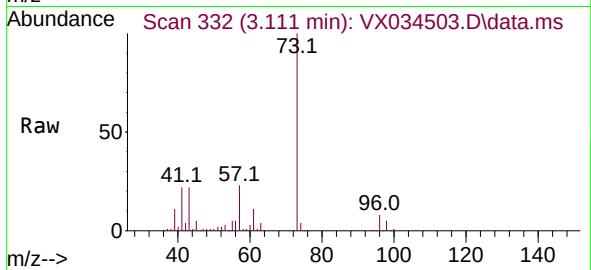
#19
Methyl tert-butyl Ether
Concen: 45.776 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 50031
Ion Ratio Lower Upper
73 100
57 23.0 18.5 27.7

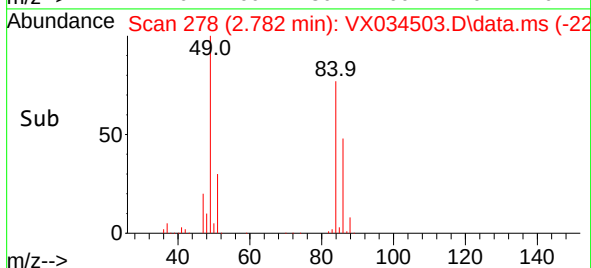
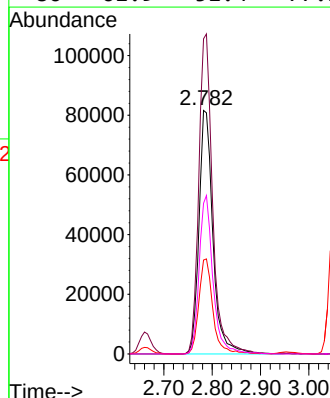
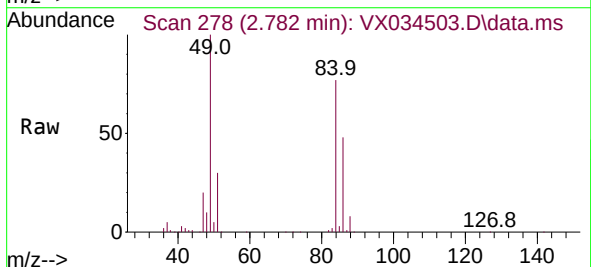
Manual Integrations
APPROVED

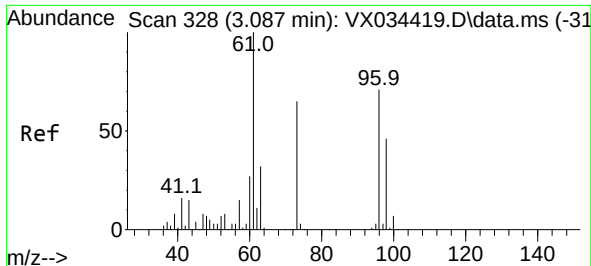
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#20
Methylene Chloride
Concen: 44.188 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

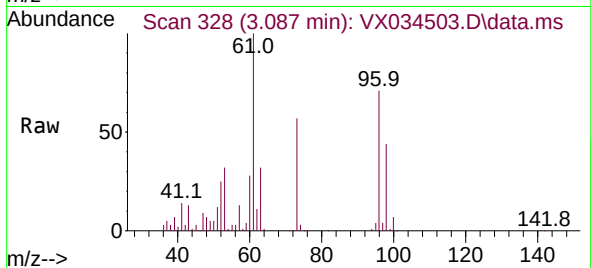
Tgt Ion: 84 Resp: 163872
Ion Ratio Lower Upper
84 100
49 129.4 103.8 155.8
51 38.6 31.8 47.8
86 61.9 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 46.357 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

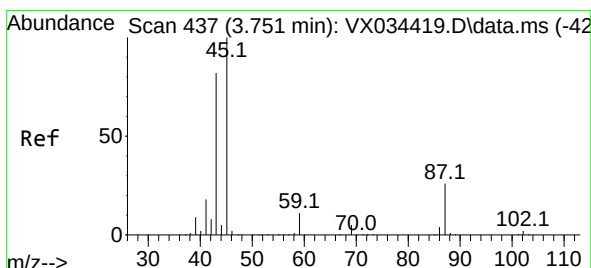
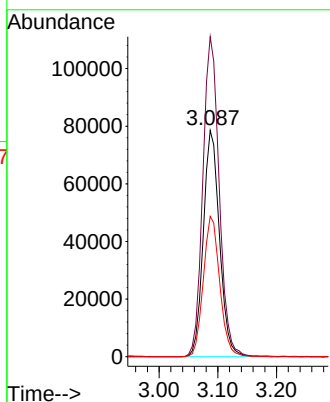
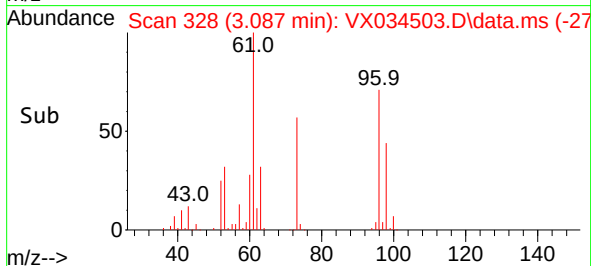
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



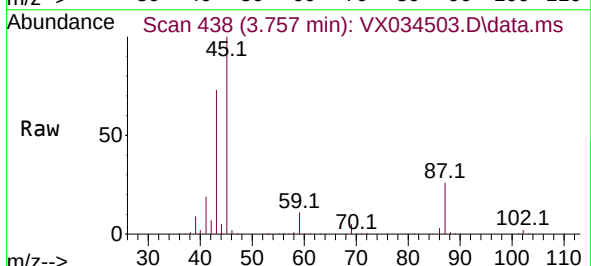
Tgt Ion: 96 Resp: 150280
Ion Ratio Lower Upper
96 100
61 141.4 113.0 169.6
98 62.0 52.1 78.1

Manual Integrations
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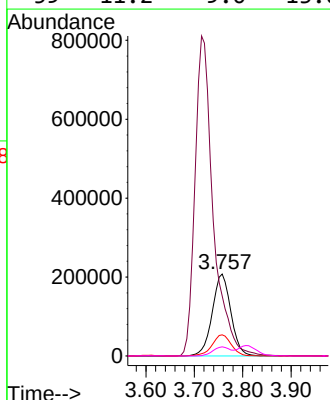
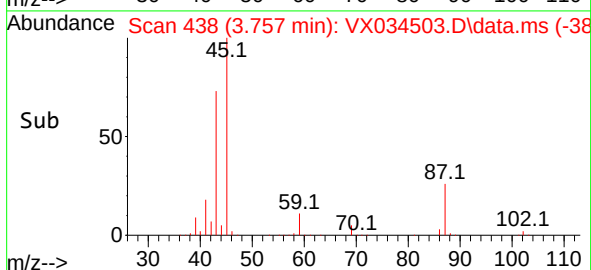
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

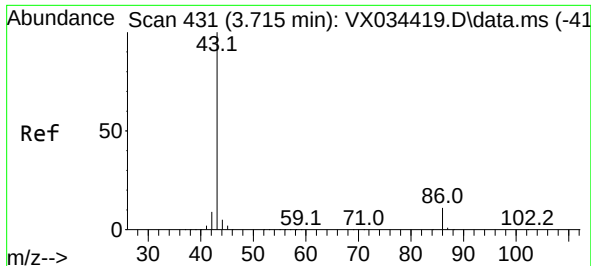


#22
Diisopropyl ether
Concen: 47.020 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04



Tgt Ion: 45 Resp: 554803
Ion Ratio Lower Upper
45 100
43 73.2 65.4 98.2
87 25.8 20.6 31.0
59 11.2 9.0 13.6





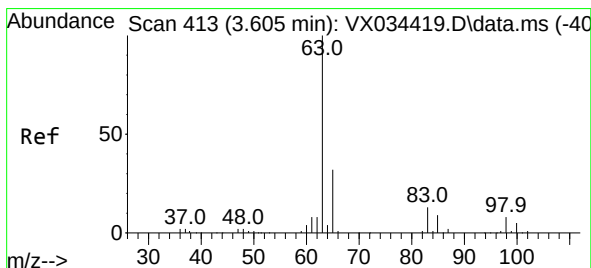
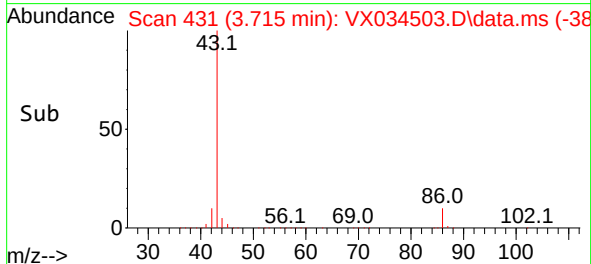
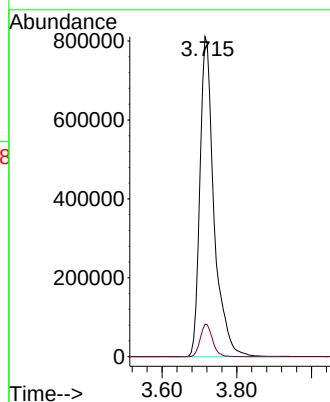
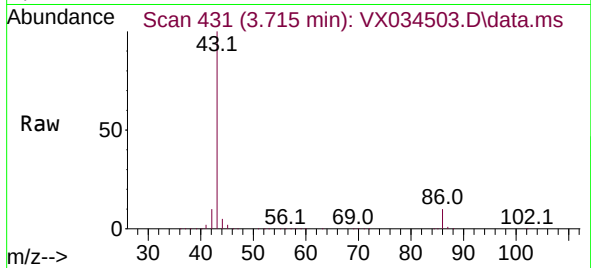
#23
 Vinyl Acetate
 Concen: 236.092 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 212010
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

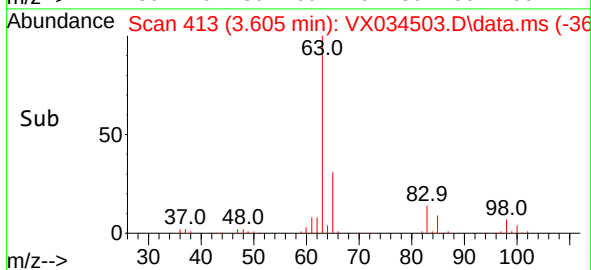
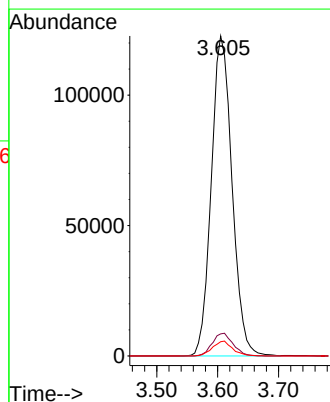
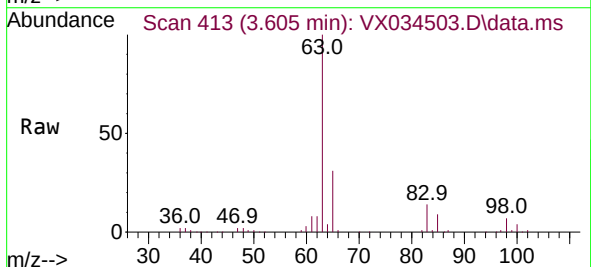
Manual Integrations
 APPROVED

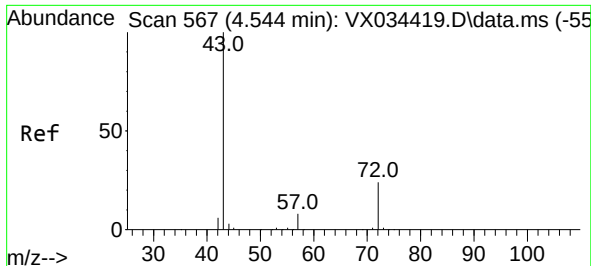
Reviewed By :John Carlone 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#24
 1,1-Dichloroethane
 Concen: 45.824 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

Tgt Ion: 63 Resp: 290653
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.4 2.4 7.1





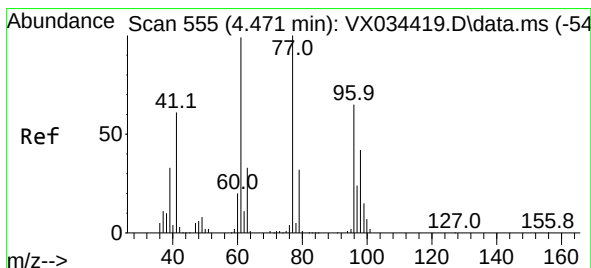
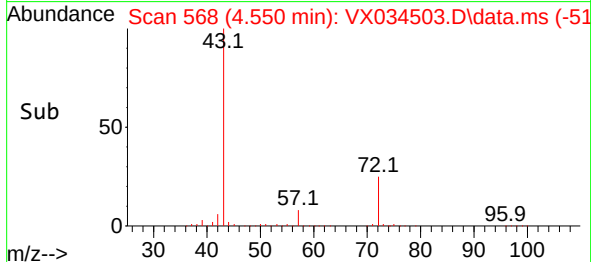
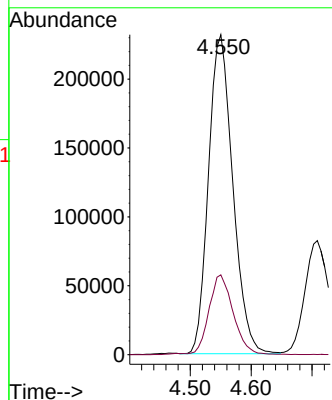
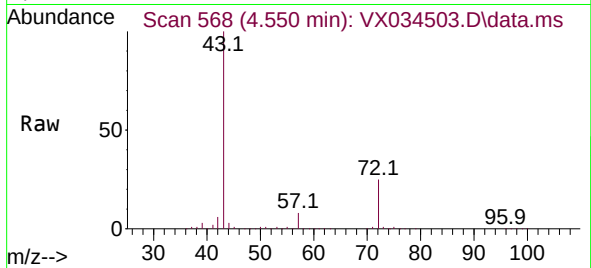
#25
2-Butanone
Concen: 234.559 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 641318
Ion Ratio Lower Upper
43 100
72 24.9 19.3 28.9

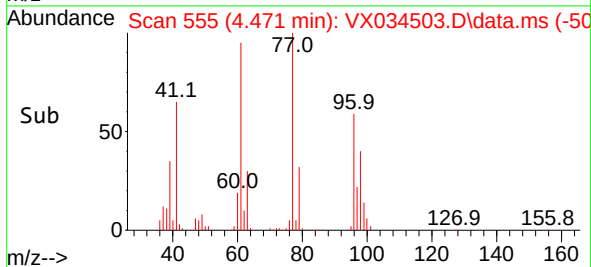
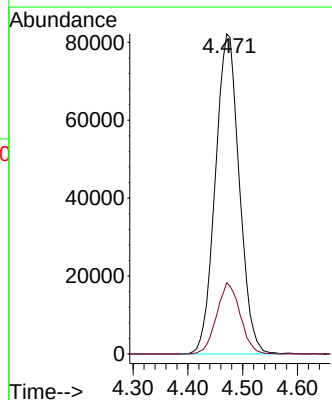
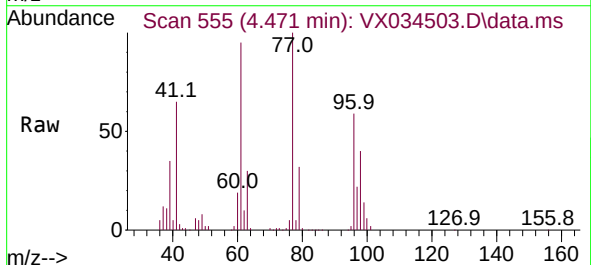
Manual Integrations
APPROVED

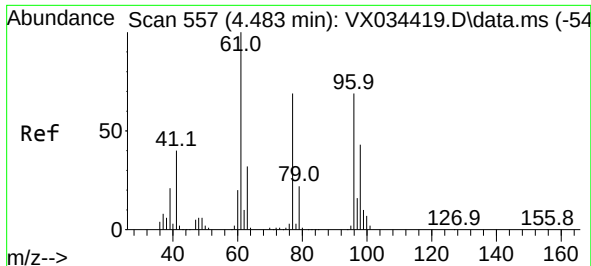
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#26
2,2-Dichloropropane
Concen: 45.234 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 77 Resp: 249393
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 45.653 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 17816

Ion Ratio Lower Upper

96 100

61 152.7 0.0 300.4

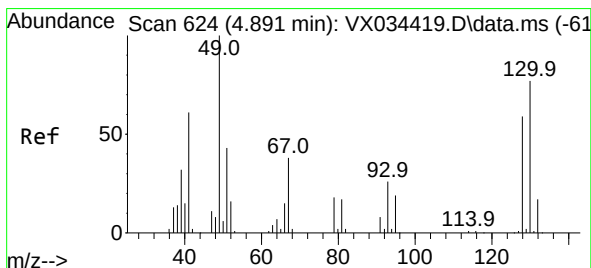
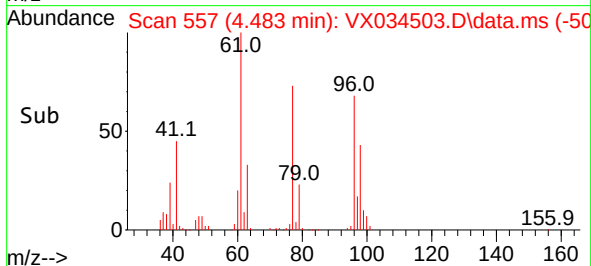
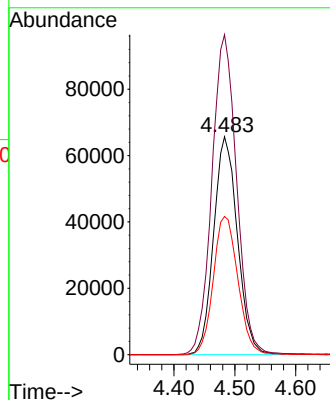
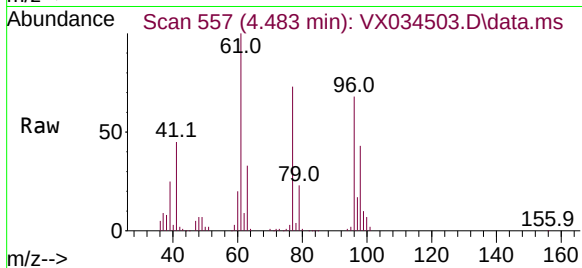
98 65.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#28

Bromochloromethane

Concen: 47.723 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

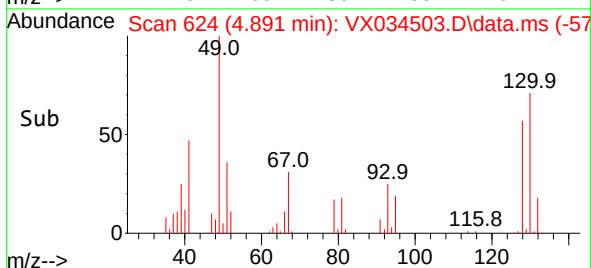
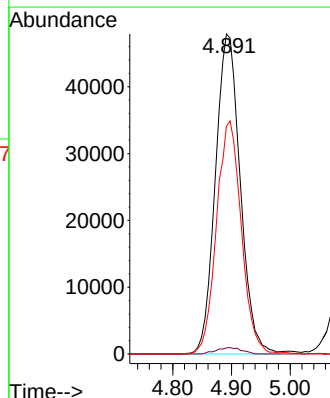
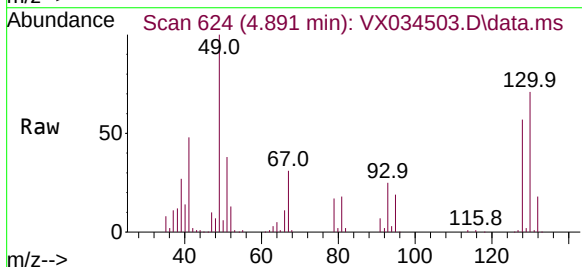
Tgt Ion: 49 Resp: 140743

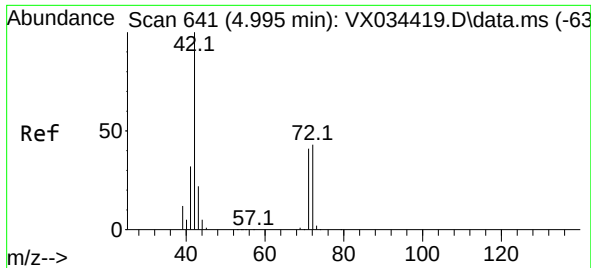
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

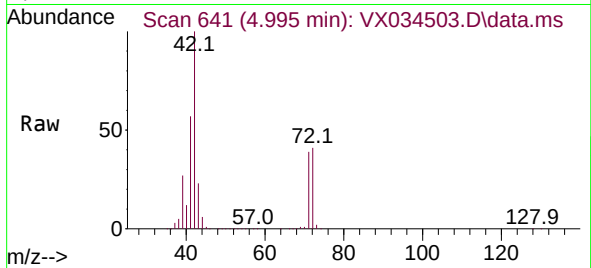
130 72.8 58.2 87.2





#29
Tetrahydrofuran
Concen: 231.067 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

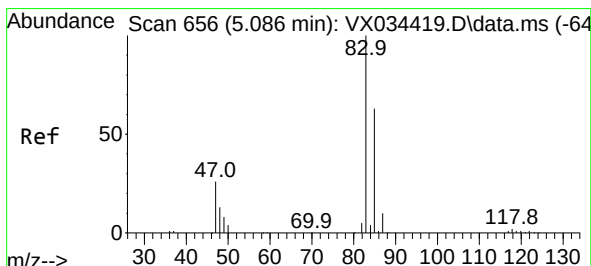
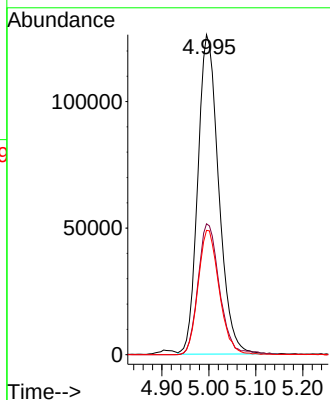
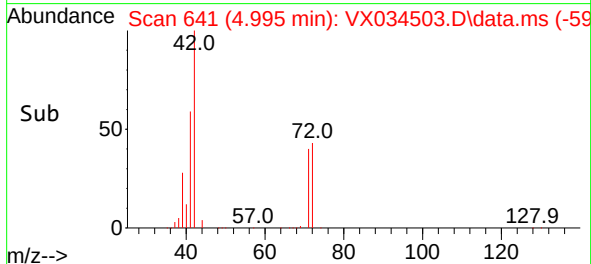
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 389840
Ion Ratio Lower Upper
42 100
72 42.4 34.5 51.7
71 39.3 32.1 48.1

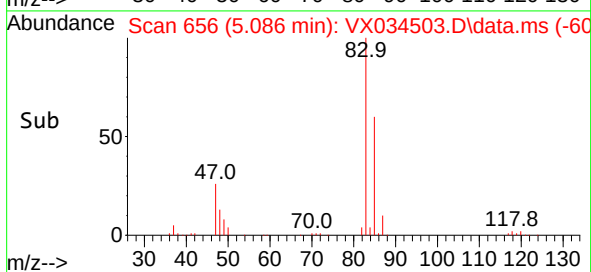
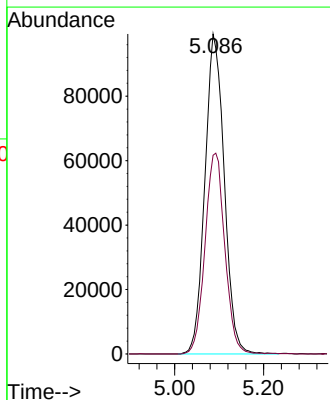
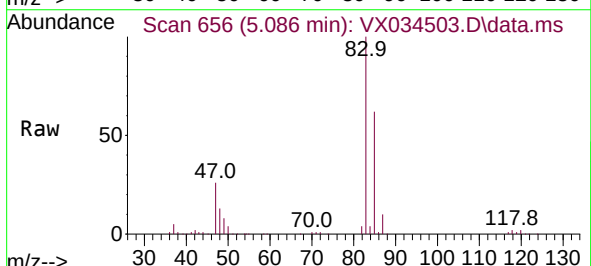
Manual Integrations
APPROVED

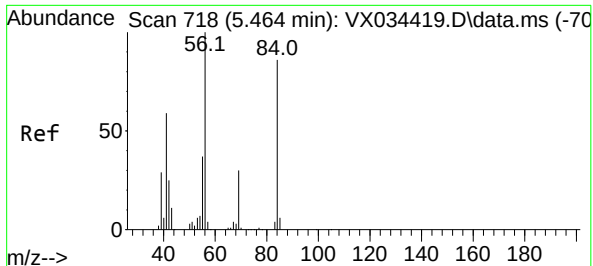
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#30
Chloroform
Concen: 48.352 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

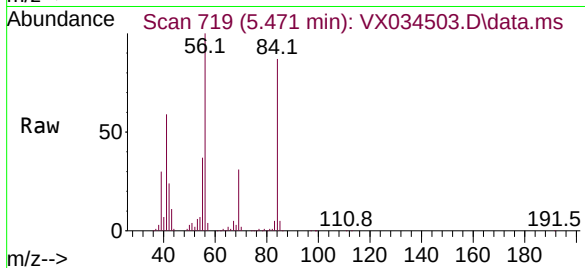
Tgt Ion: 83 Resp: 300622
Ion Ratio Lower Upper
83 100
85 62.1 50.6 76.0





#31
Cyclohexane
Concen: 45.982 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

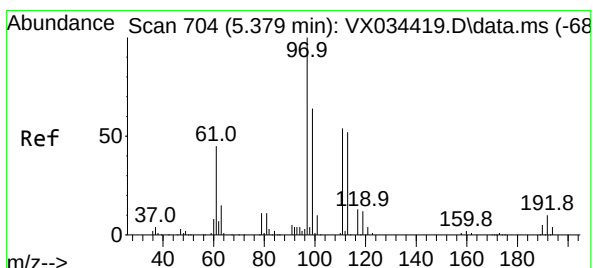
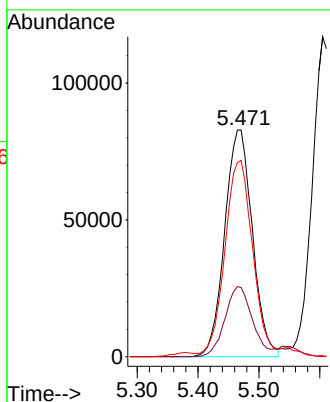
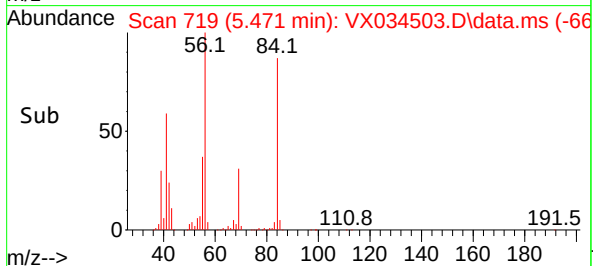
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 261595
Ion Ratio Lower Upper
56 100
69 30.5 23.7 35.5
84 85.2 68.5 102.7

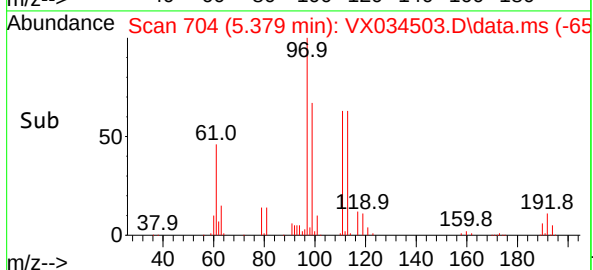
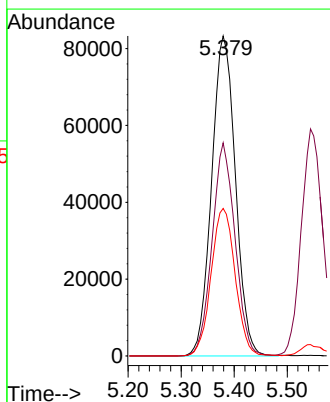
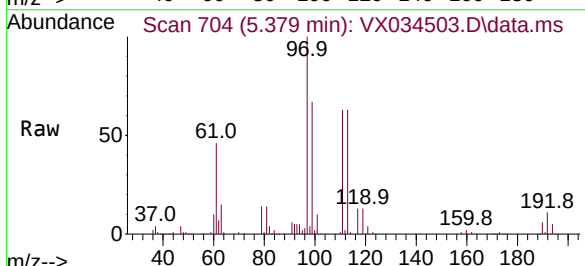
Manual Integrations
APPROVED

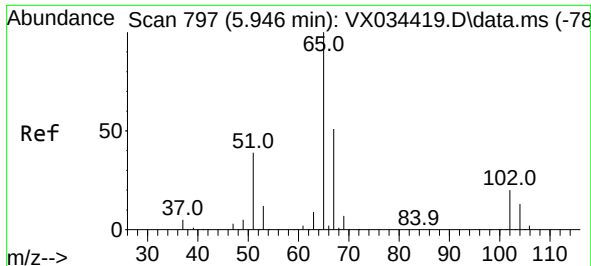
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#32
1,1,1-Trichloroethane
Concen: 47.229 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 97 Resp: 259951
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 46.7 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 48.118 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 195192

Ion Ratio Lower Upper

65 100

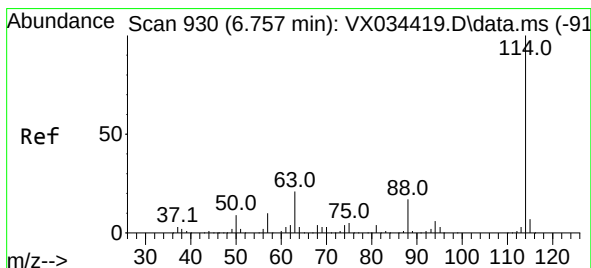
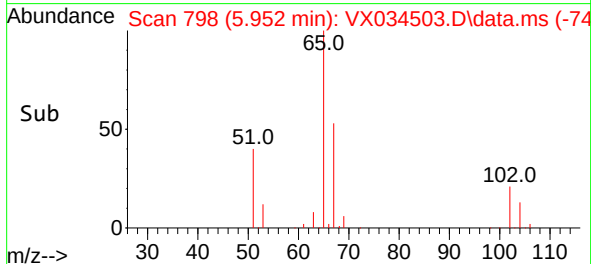
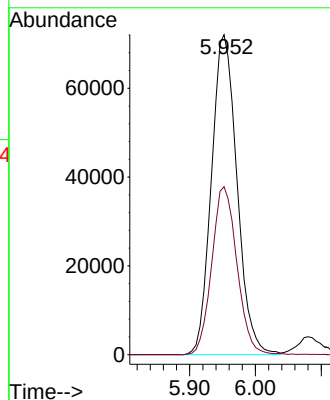
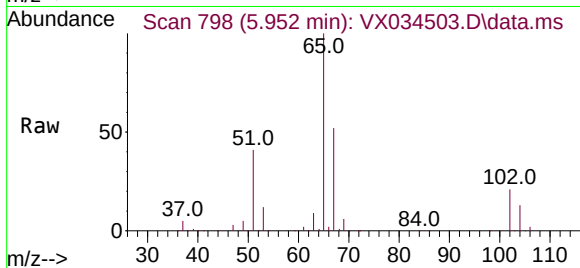
67 51.7 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

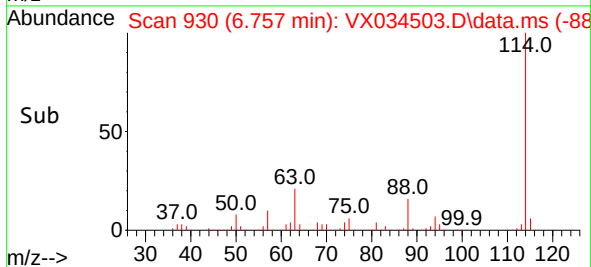
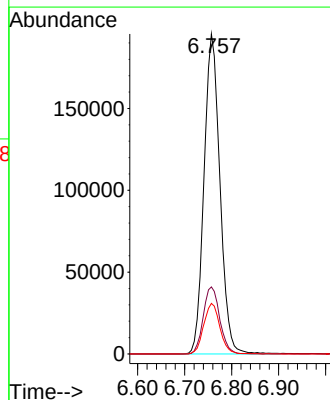
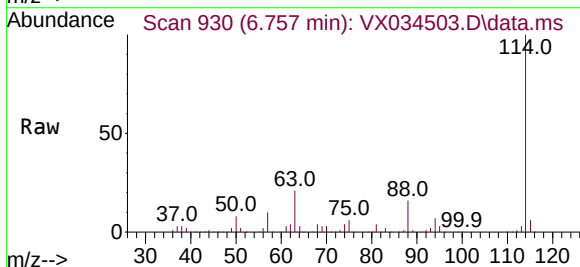
Tgt Ion:114 Resp: 459656

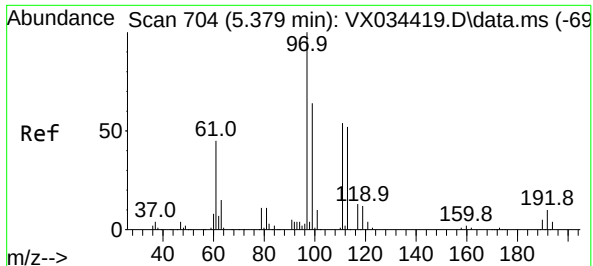
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.922 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX034503.D

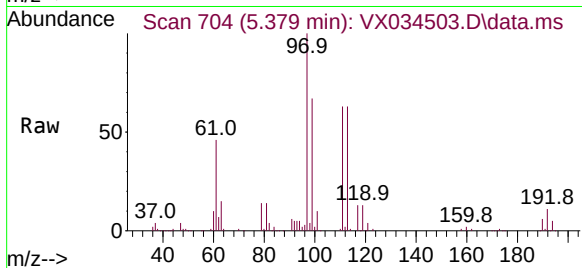
Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 113 Resp: 151500

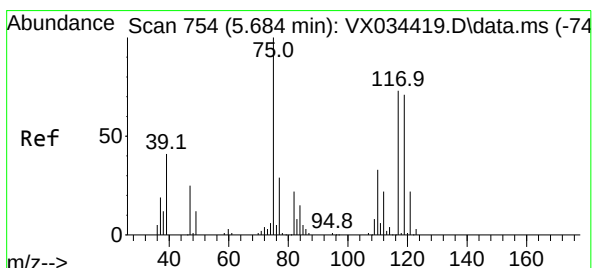
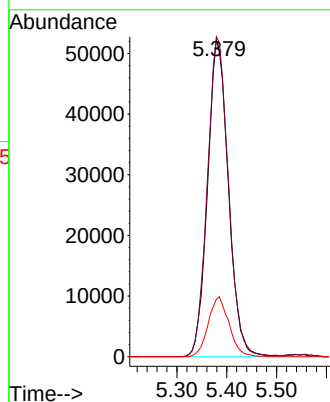
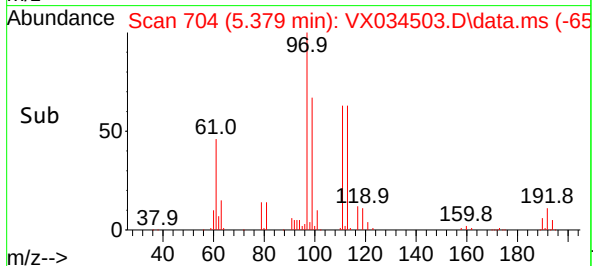
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.7	125.5
192	18.9	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#36

1,1-Dichloropropene

Concen: 47.480 ug/l

RT: 5.690 min Scan# 755

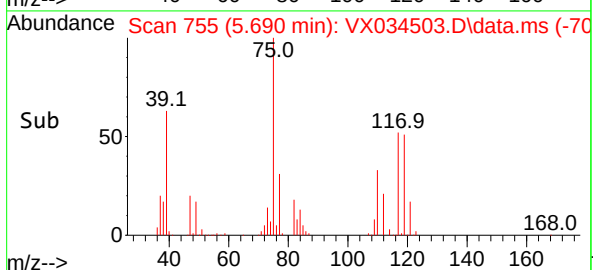
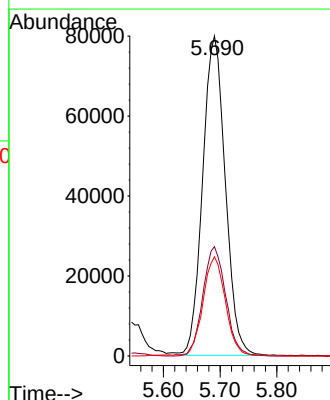
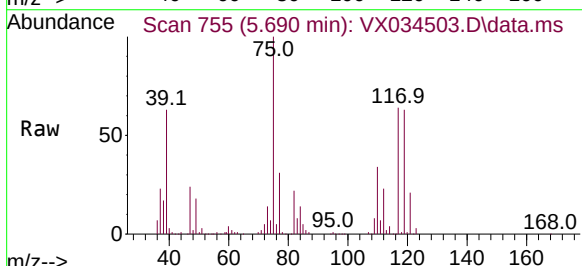
Delta R.T. 0.006 min

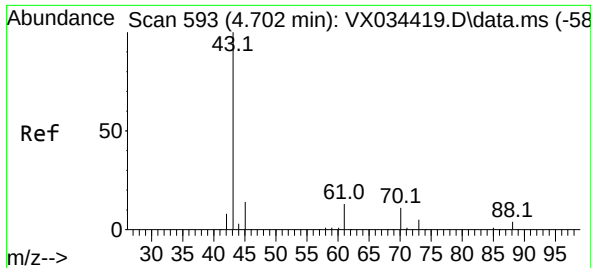
Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Tgt Ion: 75 Resp: 221319

Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.5	52.5
77	31.2	24.3	36.5





#37

Ethyl Acetate

Concen: 46.446 ug/l

RT: 4.708 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 236519

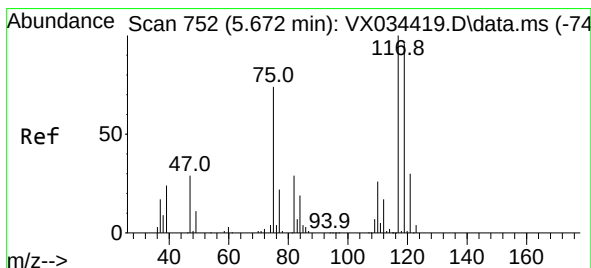
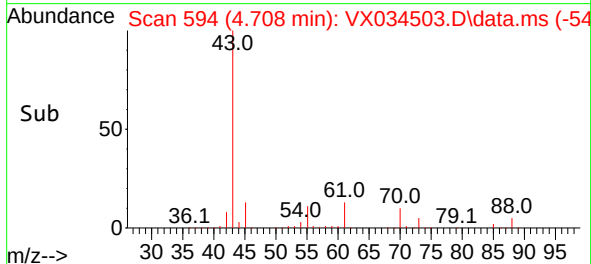
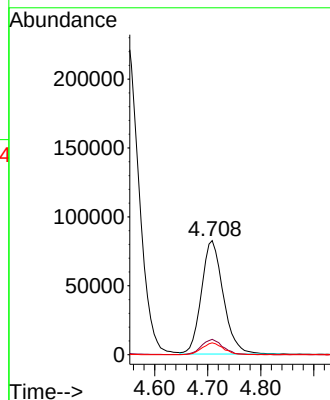
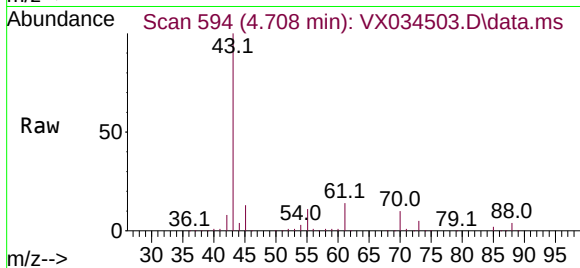
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.2	15.4
70	10.2	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#38

Carbon Tetrachloride

Concen: 47.542 ug/l

RT: 5.678 min Scan# 753

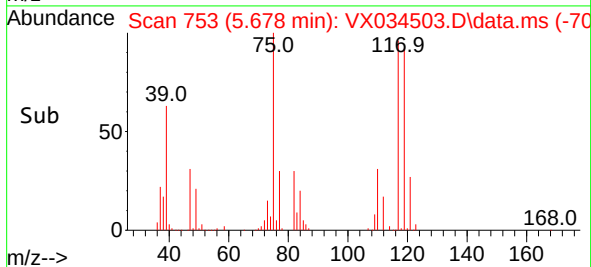
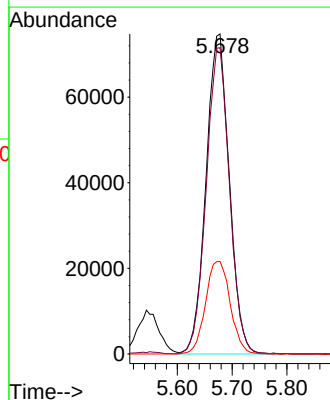
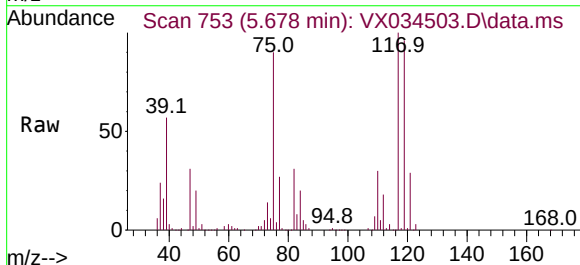
Delta R.T. 0.006 min

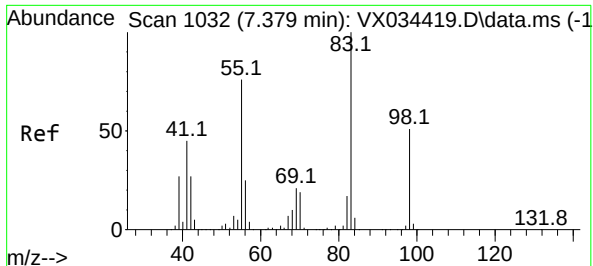
Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Tgt Ion:117 Resp: 220463

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.6	114.8
121	28.9	23.8	35.6





#39

Methylcyclohexane

Concen: 48.595 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 271083

Ion Ratio Lower Upper

83 100

55 82.0 60.5 90.7

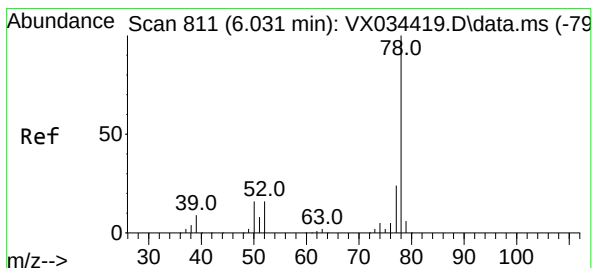
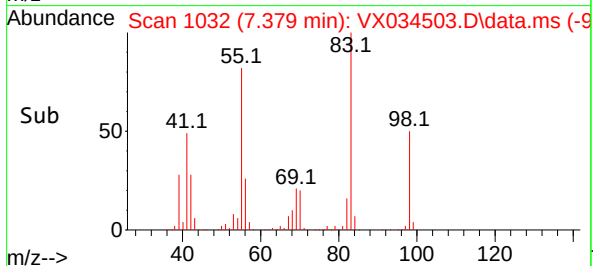
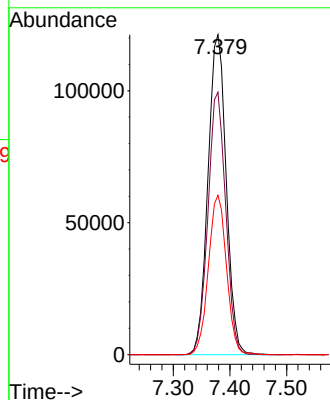
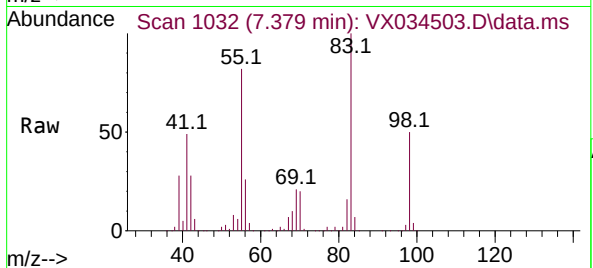
98 49.8 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#40

Benzene

Concen: 47.470 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034503.D

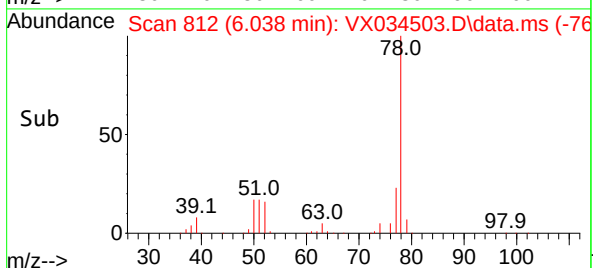
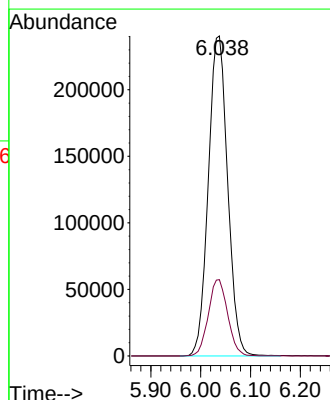
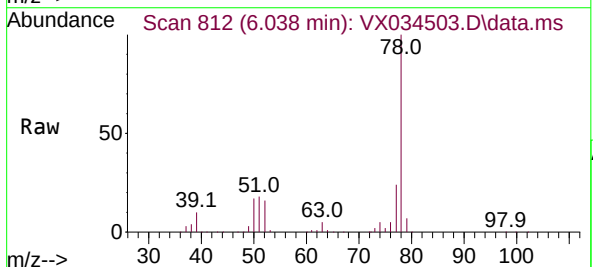
Acq: 15 Mar 2023 13:04

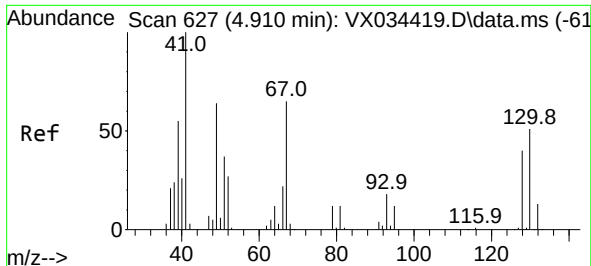
Tgt Ion: 78 Resp: 647316

Ion Ratio Lower Upper

78 100

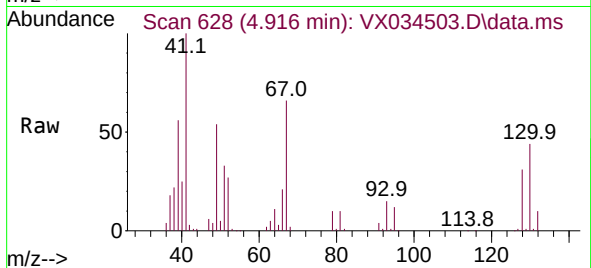
77 23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 47.545 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

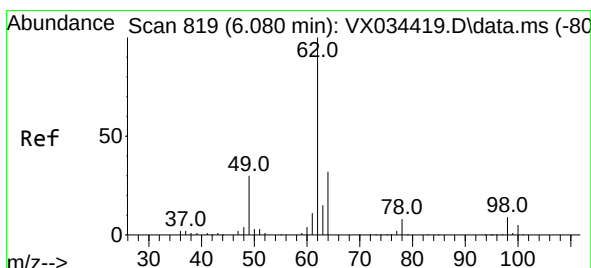
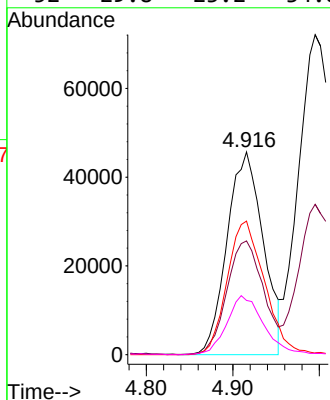
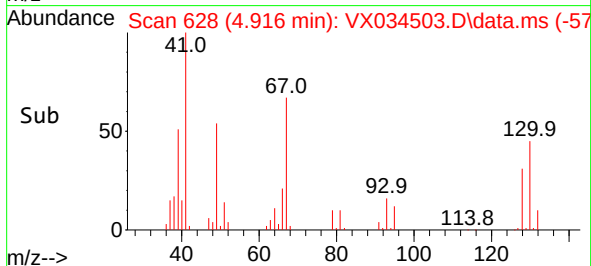
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 132688
Ion Ratio Lower Upper
41 100
39 56.8 45.0 67.6
67 68.4 55.6 83.4
52 29.8 23.2 34.8

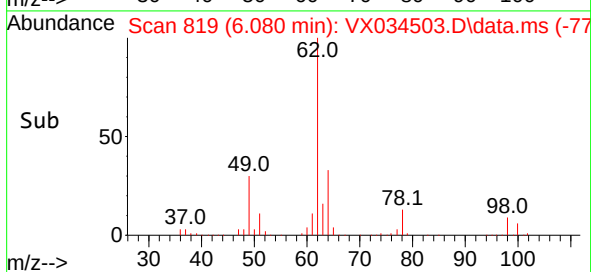
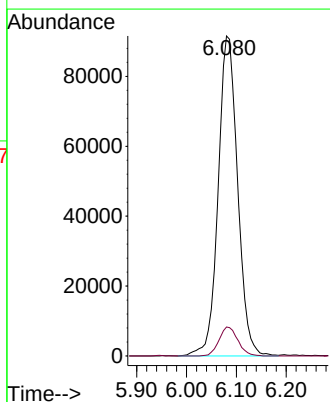
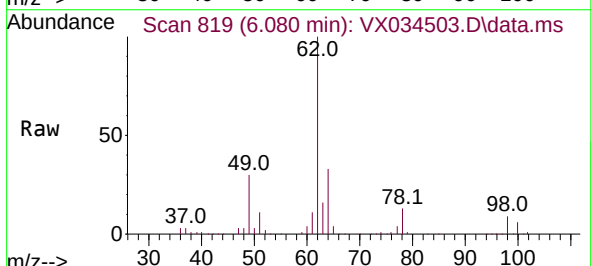
Manual Integrations
APPROVED

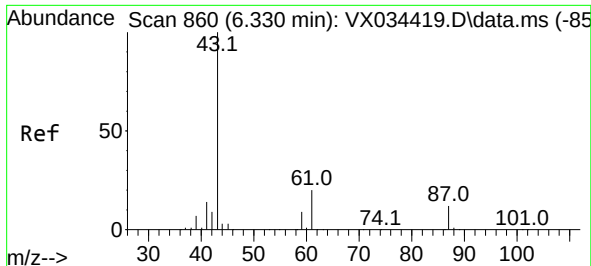
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#42
1,2-Dichloroethane
Concen: 49.575 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 62 Resp: 248451
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.0





#43

Isopropyl Acetate

Concen: 47.313 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 40816

Ion Ratio Lower Upper

43 100

61 18.9 15.2 22.8

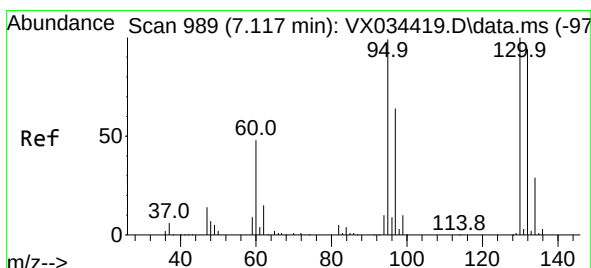
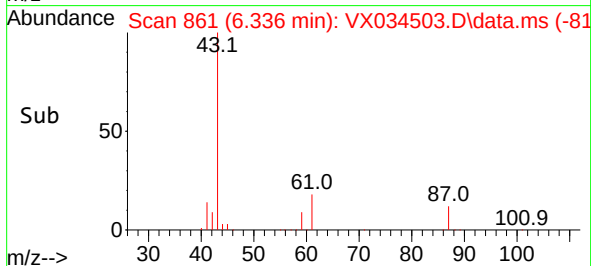
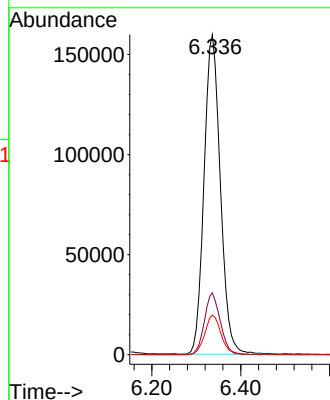
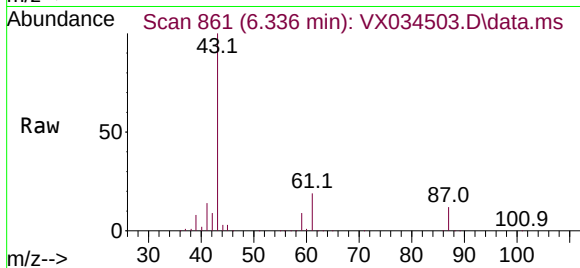
87 12.3 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#44

Trichloroethene

Concen: 46.380 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034503.D

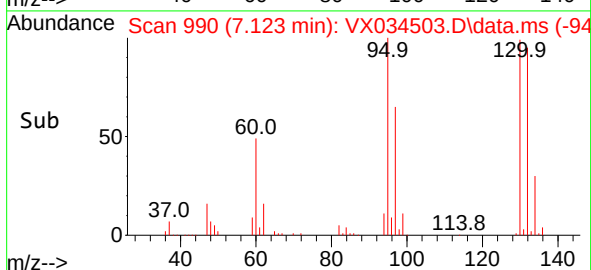
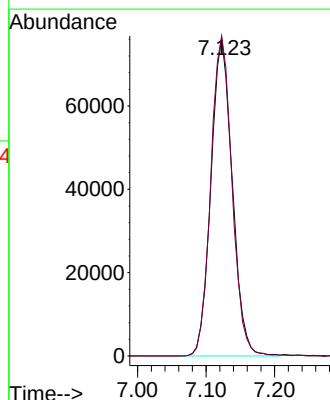
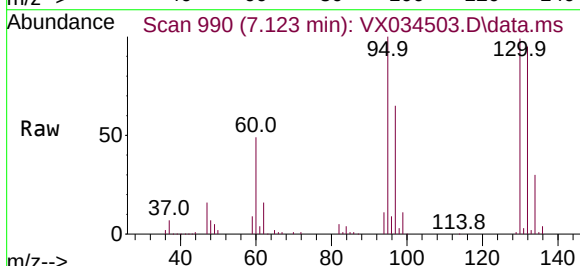
Acq: 15 Mar 2023 13:04

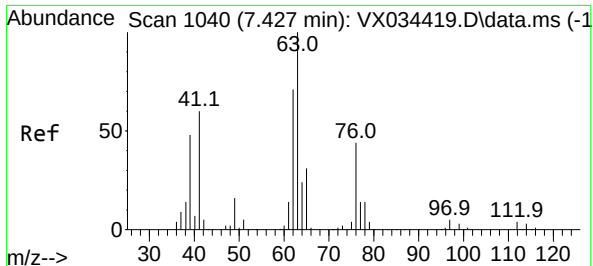
Tgt Ion:130 Resp: 164326

Ion Ratio Lower Upper

130 100

95 100.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 48.121 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 17133

Ion Ratio Lower Upper

63 100

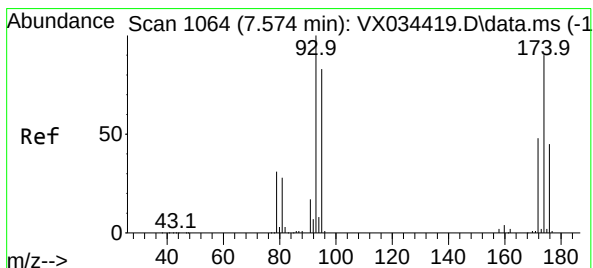
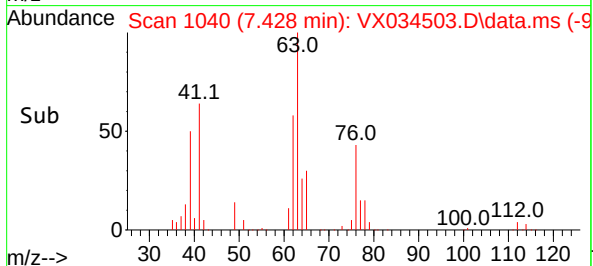
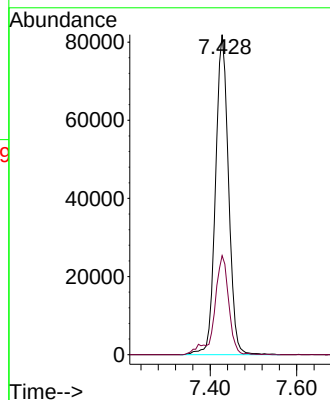
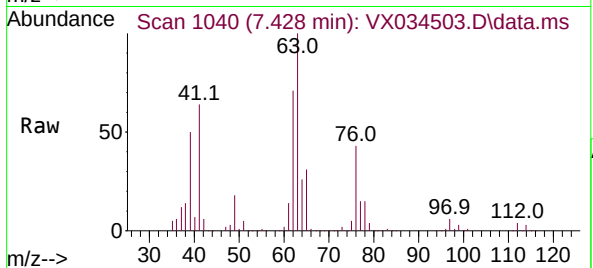
65 30.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#46

Dibromomethane

Concen: 48.661 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

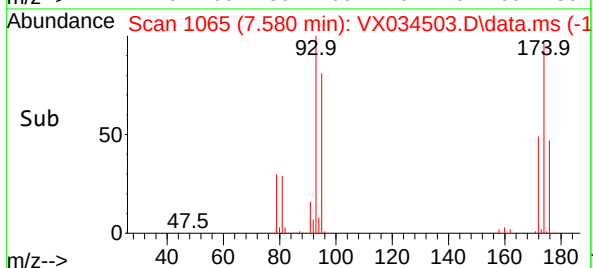
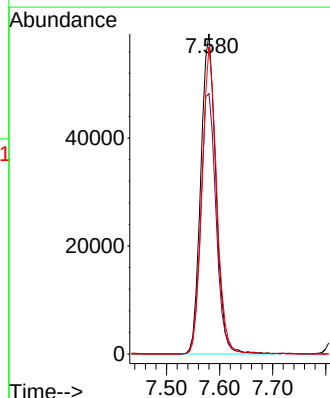
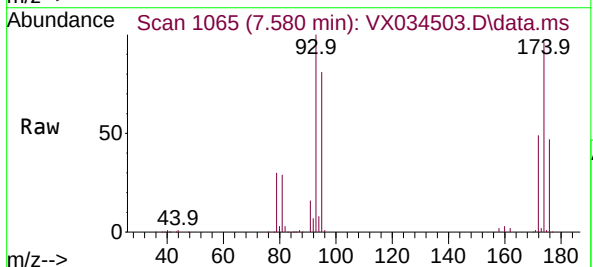
Tgt Ion: 93 Resp: 117788

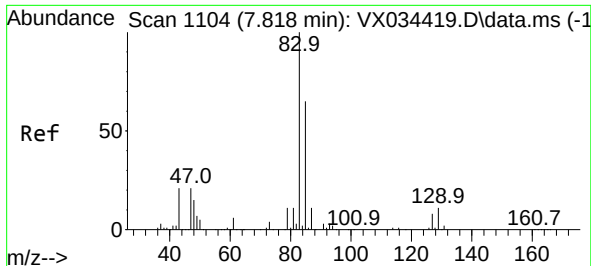
Ion Ratio Lower Upper

93 100

95 82.0 66.9 100.3

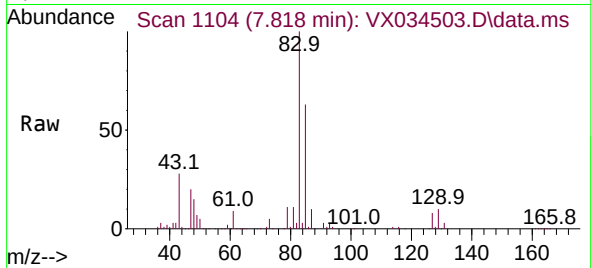
174 92.3 75.4 113.0





#47
Bromodichloromethane
Concen: 49.432 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

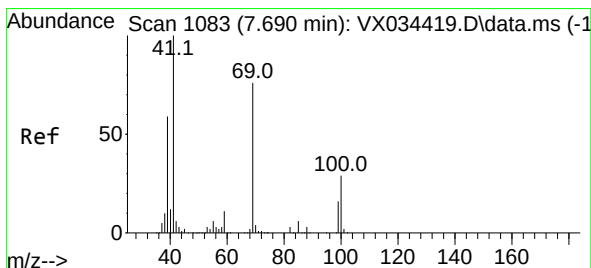
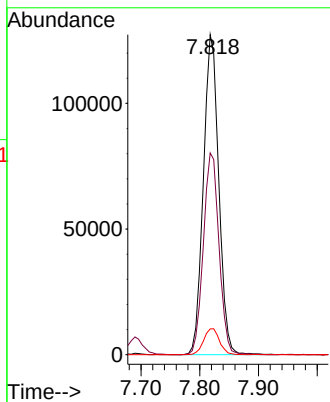
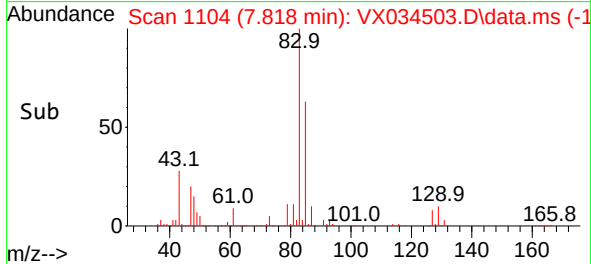
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 231579
Ion Ratio Lower Upper
83 100
85 63.1 52.2 78.4
127 8.1 6.6 9.8

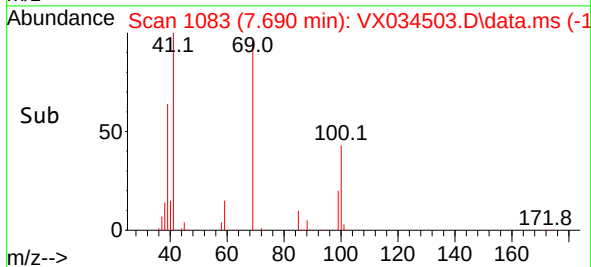
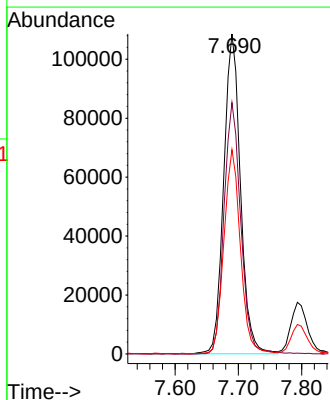
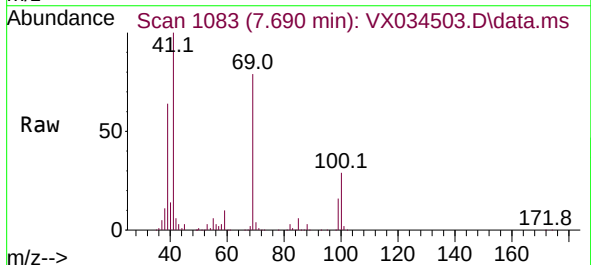
Manual Integrations
APPROVED

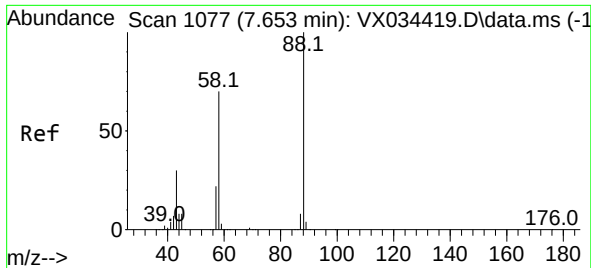
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#48
Methyl methacrylate
Concen: 48.045 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

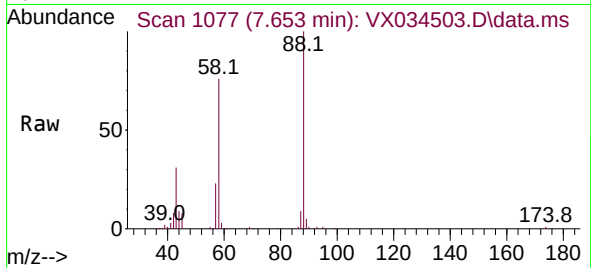
Tgt Ion: 41 Resp: 199342
Ion Ratio Lower Upper
41 100
69 78.7 62.2 93.4
39 63.0 47.7 71.5





#49
1,4-Dioxane
Concen: 936.323 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

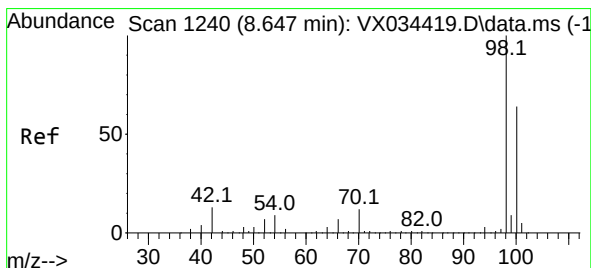
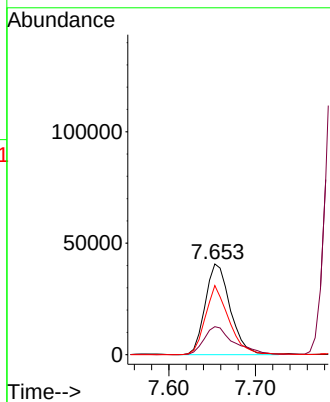
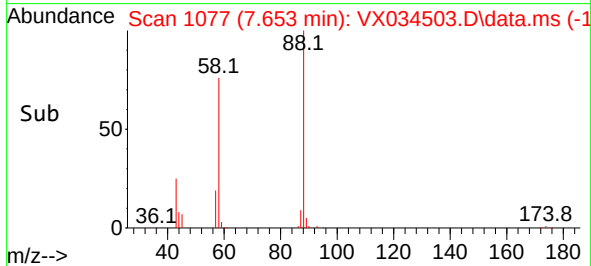
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 81597
Ion Ratio Lower Upper
88 100
43 37.0 27.7 41.5
58 72.1 56.8 85.2

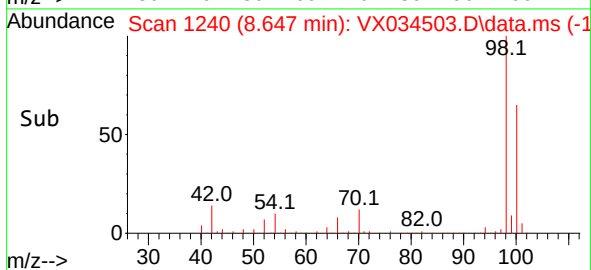
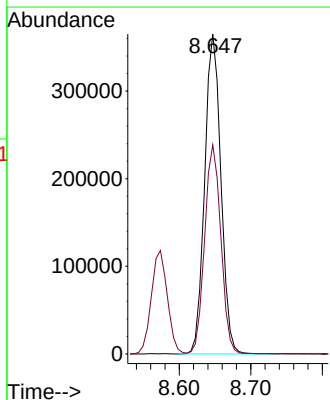
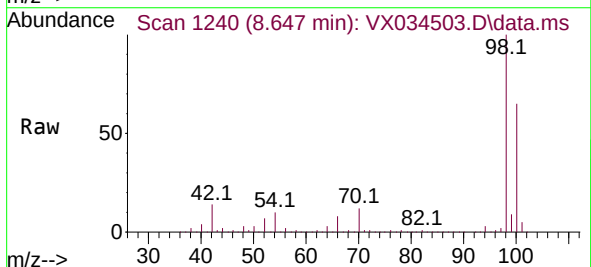
Manual Integrations
APPROVED

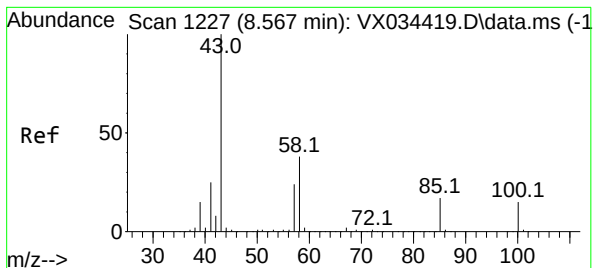
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#50
Toluene-d8
Concen: 50.778 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 98 Resp: 575286
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7





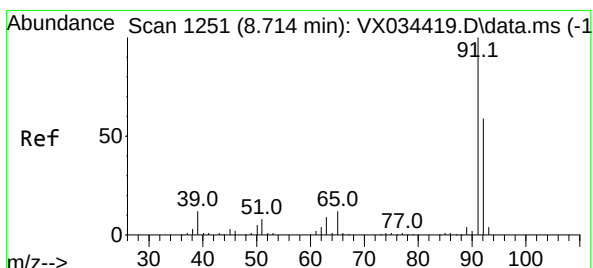
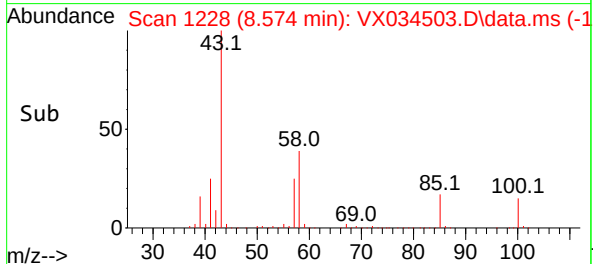
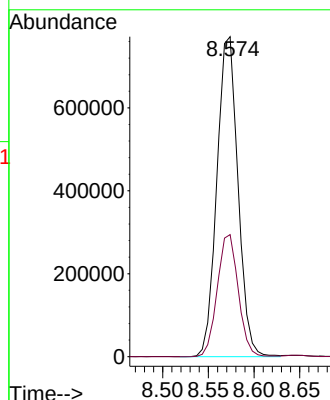
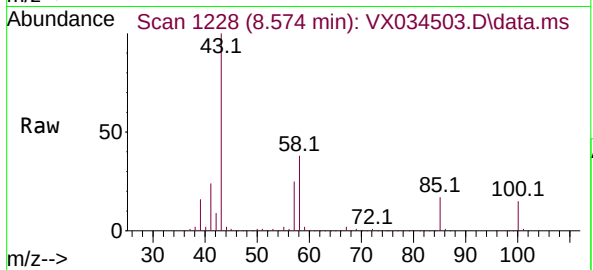
#51
4-Methyl-2-Pentanone
Concen: 247.732 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1239780
Ion Ratio Lower Upper
43 100
58 37.9 30.6 46.0

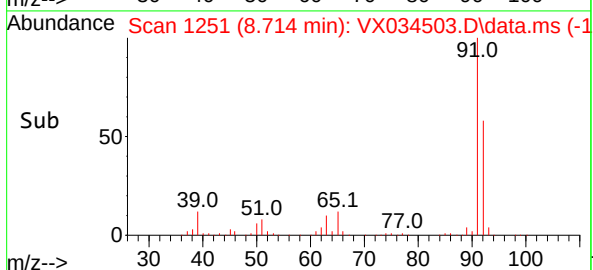
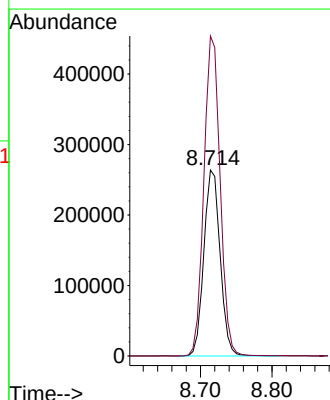
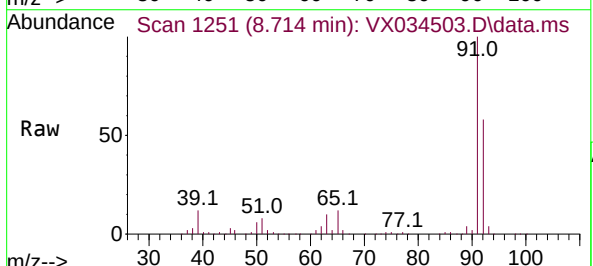
Manual Integrations
APPROVED

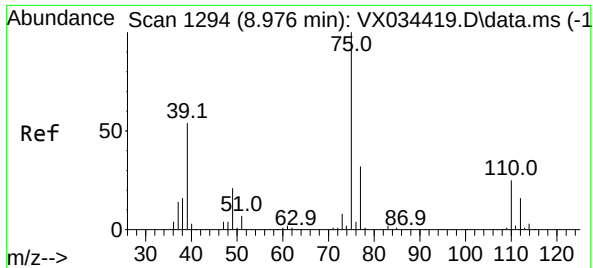
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#52
Toluene
Concen: 49.426 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 92 Resp: 417266
Ion Ratio Lower Upper
92 100
91 171.6 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 49.324 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 260328

Ion Ratio Lower Upper

75 100

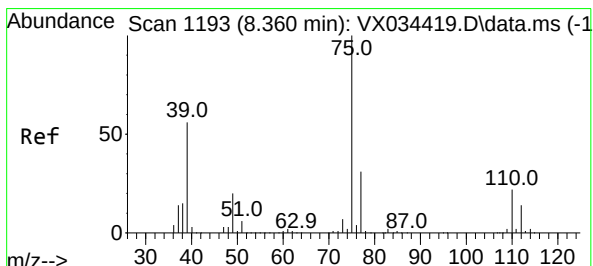
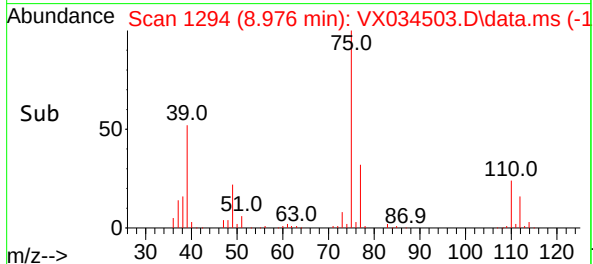
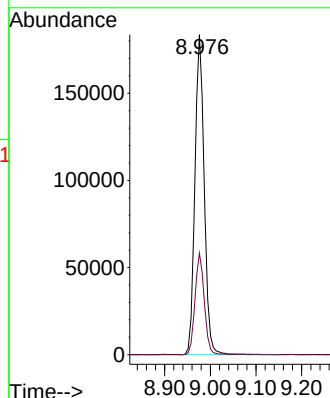
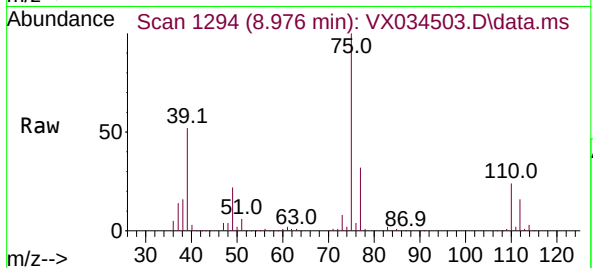
77 31.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#54

cis-1,3-Dichloropropene

Concen: 48.221 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

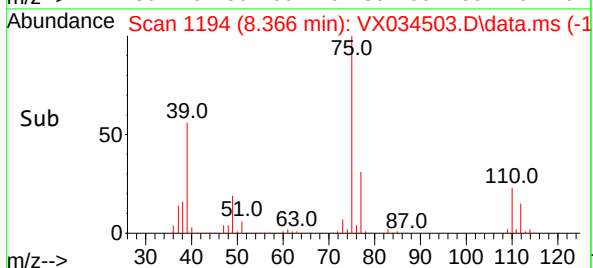
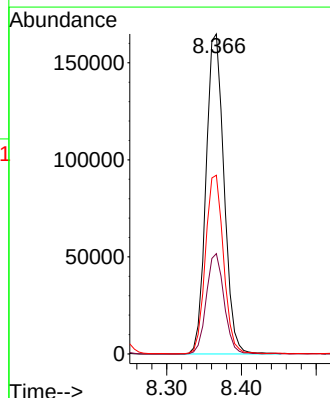
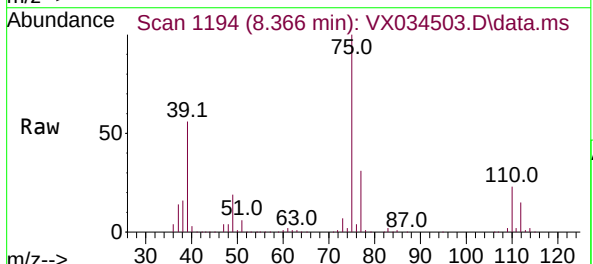
Tgt Ion: 75 Resp: 275350

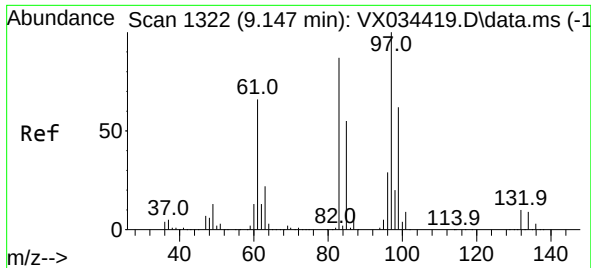
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4

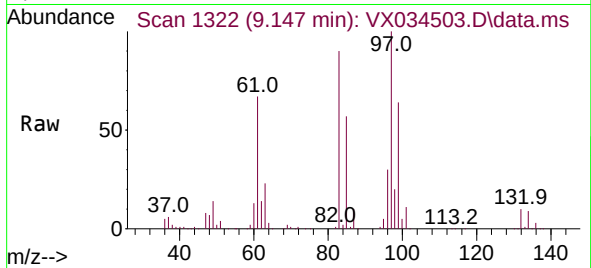
39 55.8 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 50.415 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

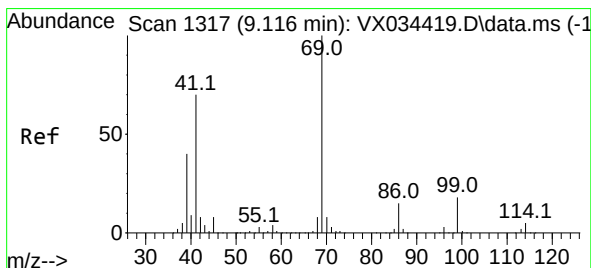
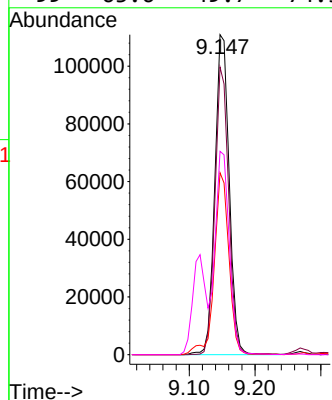
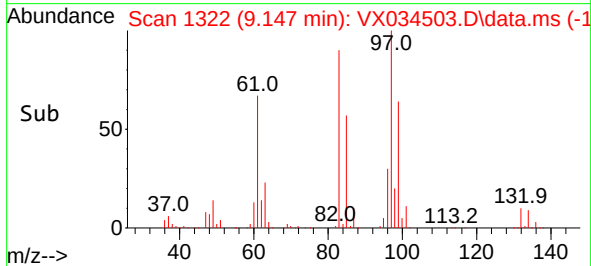
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



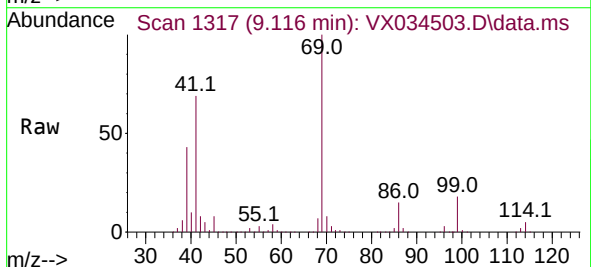
Tgt Ion: 97 Resp: 16891
Ion Ratio Lower Upper
97 100
83 89.9 69.7 104.5
85 56.8 43.7 65.5
99 63.6 49.7 74.5

Manual Integrations
APPROVED

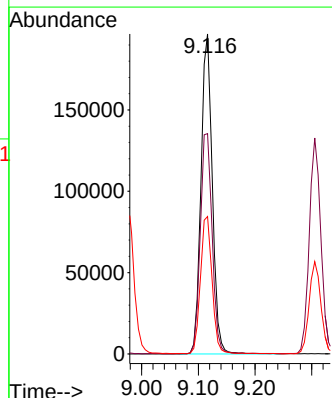
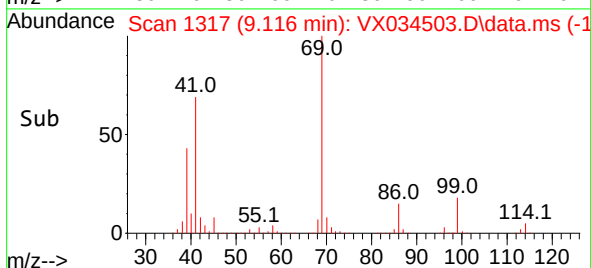
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

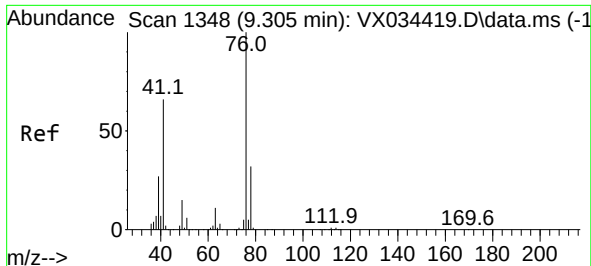


#56
Ethyl methacrylate
Concen: 49.536 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04



Tgt Ion: 69 Resp: 272500
Ion Ratio Lower Upper
69 100
41 72.0 57.4 86.0
39 44.0 33.7 50.5





#57

1,3-Dichloropropane

Concen: 49.210 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 29303

Ion Ratio Lower Upper

76 100

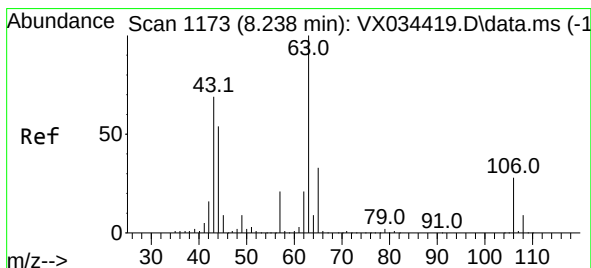
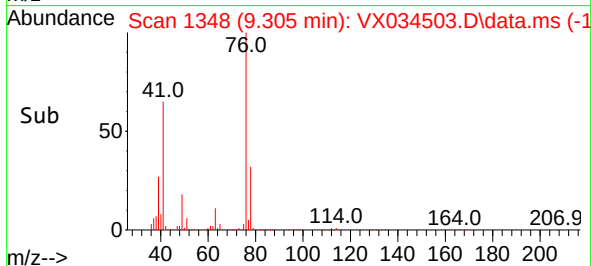
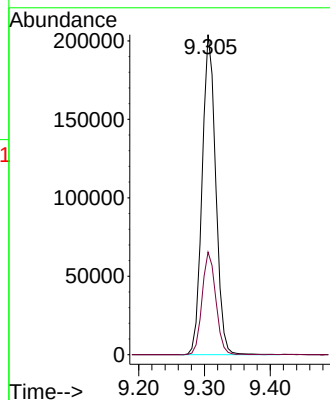
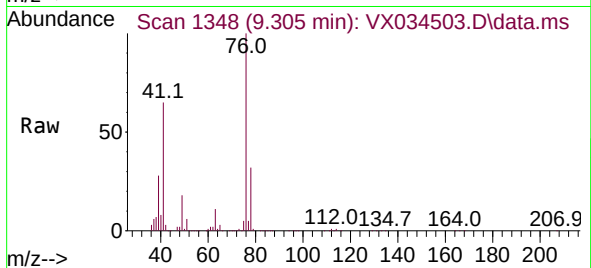
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 236.702 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034503.D

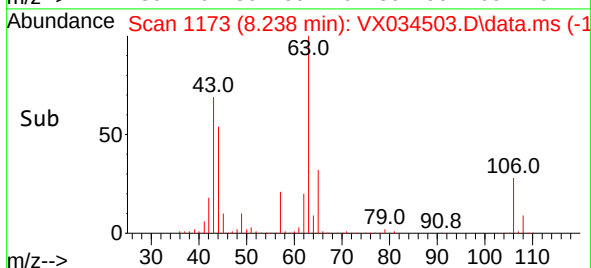
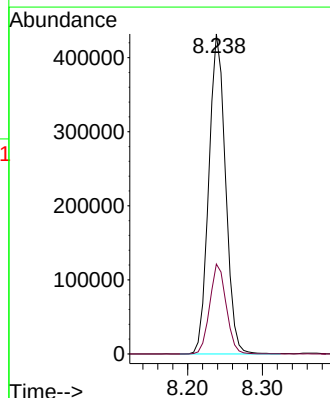
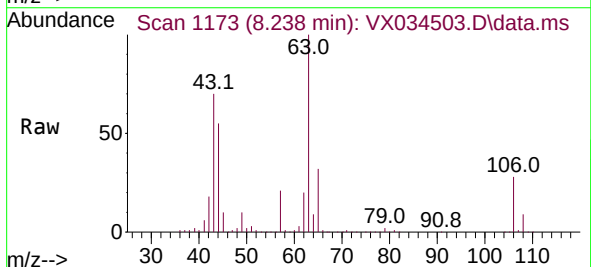
Acq: 15 Mar 2023 13:04

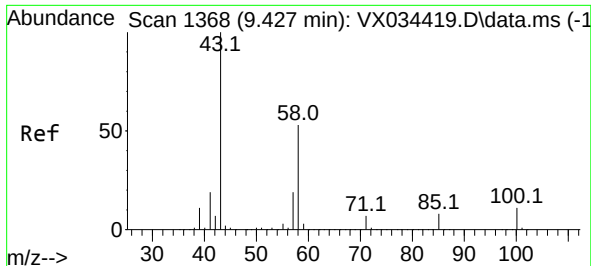
Tgt Ion: 63 Resp: 671054

Ion Ratio Lower Upper

63 100

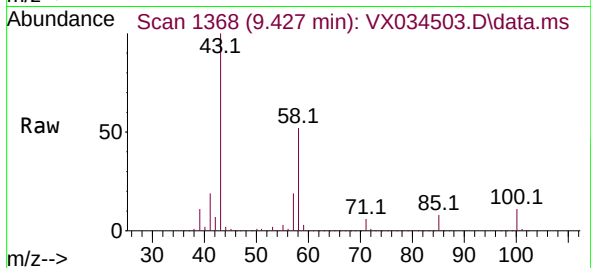
106 27.6 22.2 33.2





#59
2-Hexanone
Concen: 251.455 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

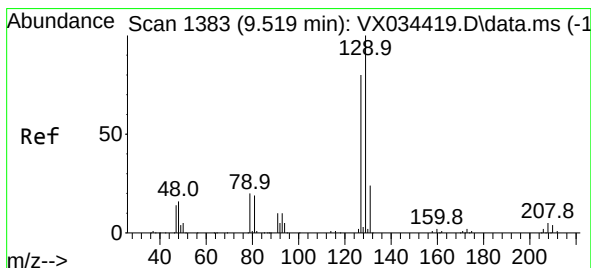
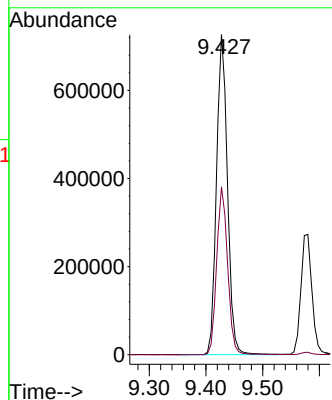
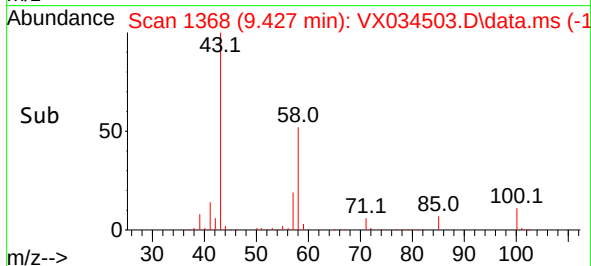
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 972774
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.9

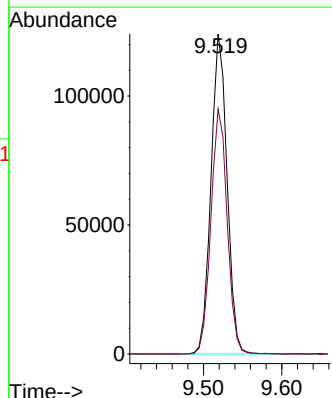
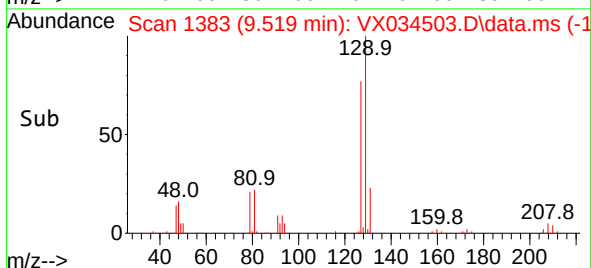
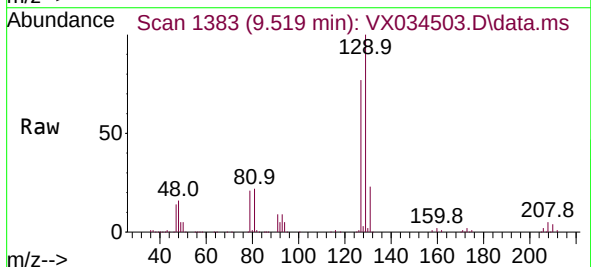
Manual Integrations
APPROVED

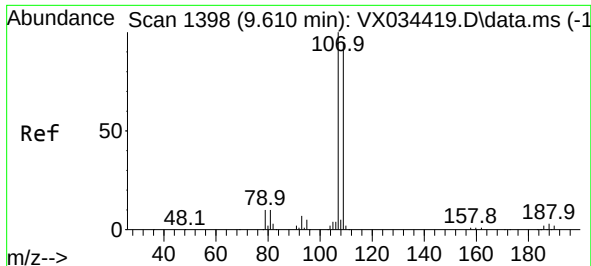
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#60
Dibromochloromethane
Concen: 50.196 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion:129 Resp: 176386
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





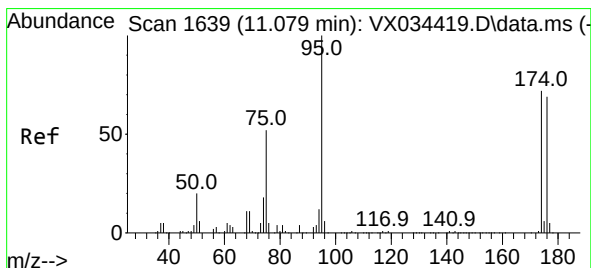
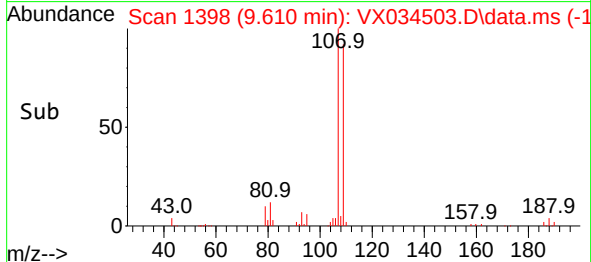
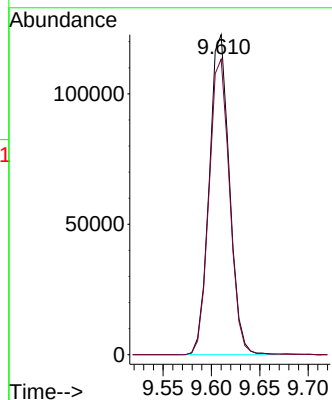
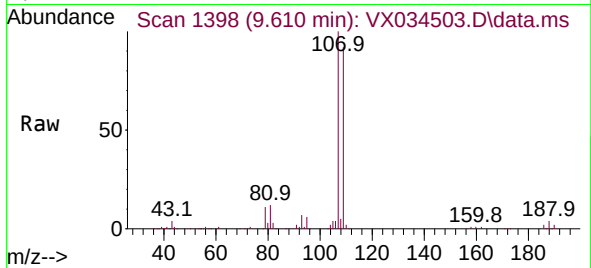
#61
1,2-Dibromoethane
Concen: 49.393 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 178580
Ion Ratio Lower Upper
107 100
109 93.9 75.3 112.9

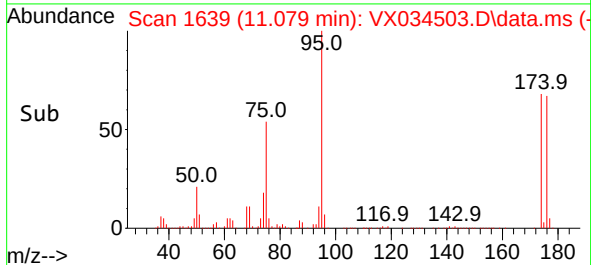
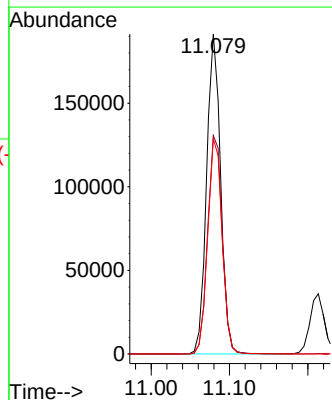
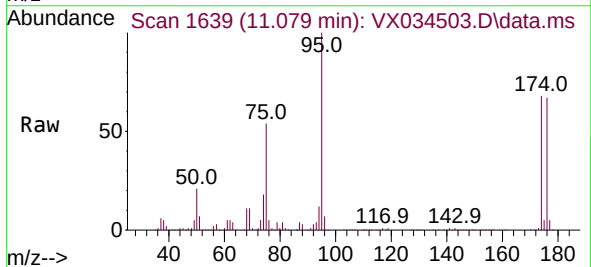
Manual Integrations
APPROVED

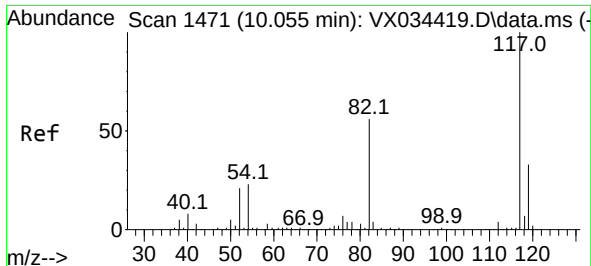
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#62
4-Bromofluorobenzene
Concen: 51.605 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

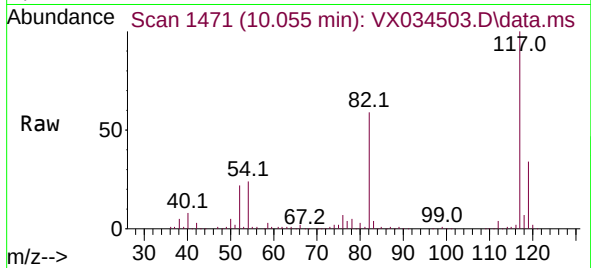
Tgt Ion: 95 Resp: 236154
Ion Ratio Lower Upper
95 100
174 71.3 0.0 147.4
176 69.3 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

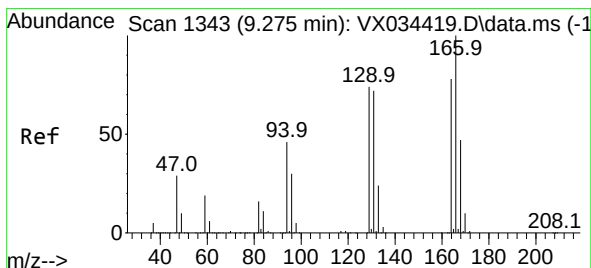
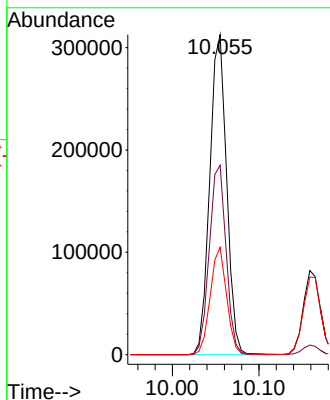
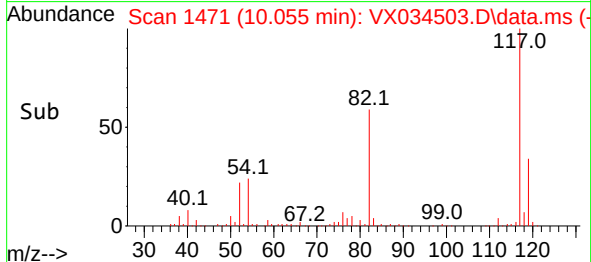
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 422823
Ion Ratio Lower Upper
117 100
82 59.2 45.0 67.4
119 33.5 26.0 39.0

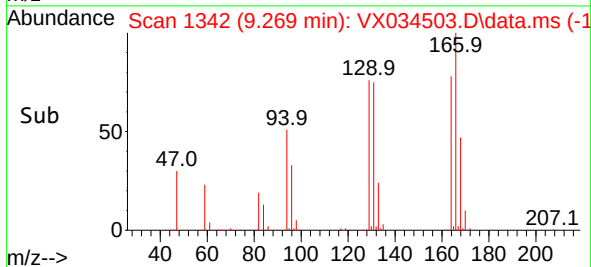
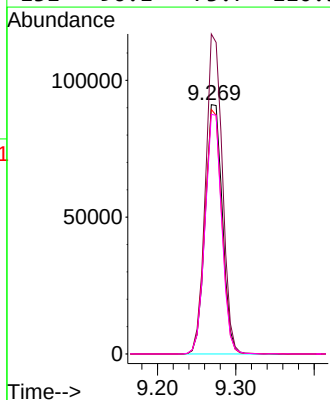
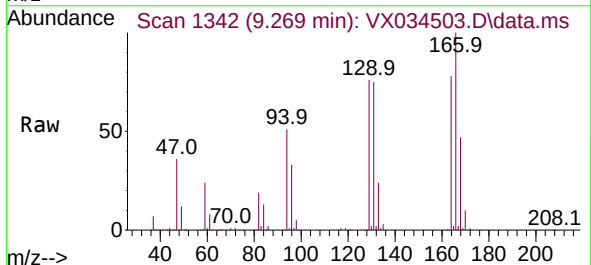
Manual Integrations
APPROVED

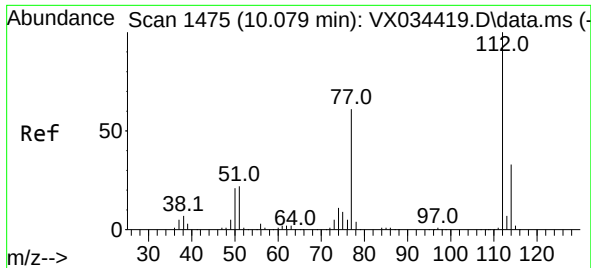
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#64
Tetrachloroethene
Concen: 48.441 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion:164 Resp: 137586
Ion Ratio Lower Upper
164 100
166 128.3 102.7 154.1
129 98.1 75.6 113.4
131 96.1 73.7 110.5





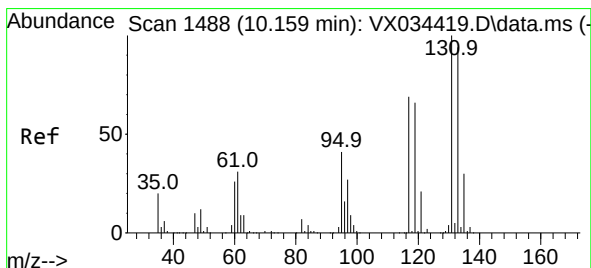
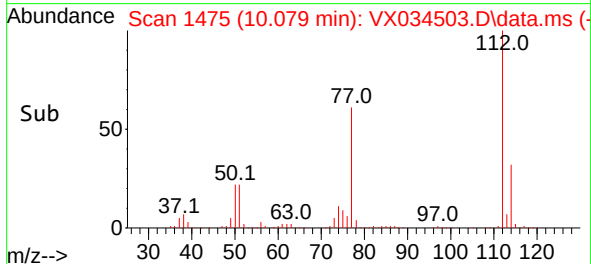
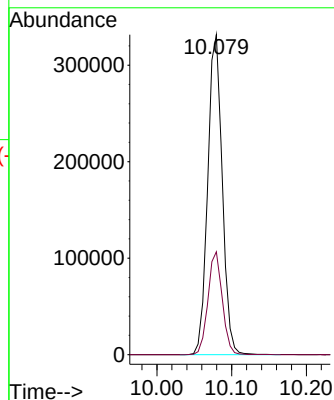
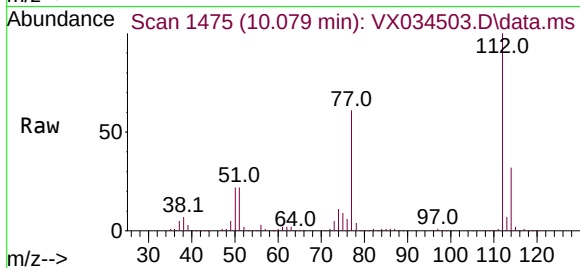
#65
Chlorobenzene
Concen: 48.117 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 44638
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2

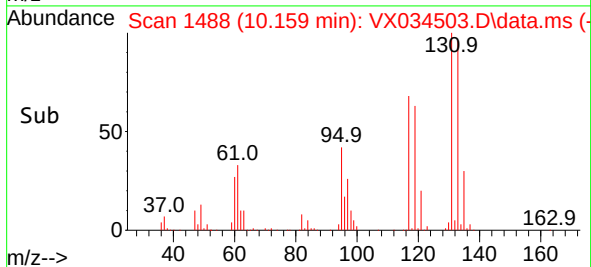
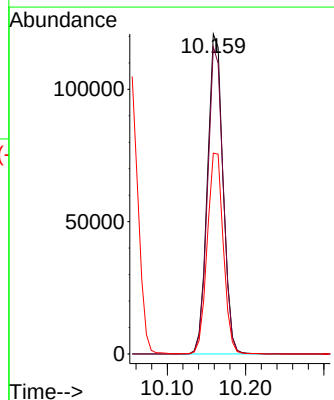
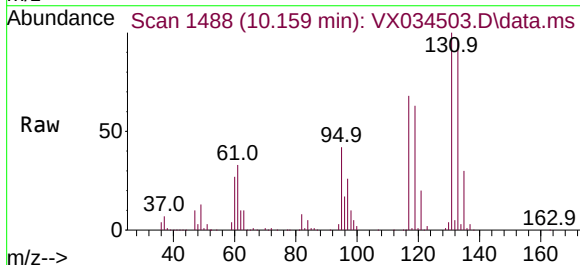
Manual Integrations
APPROVED

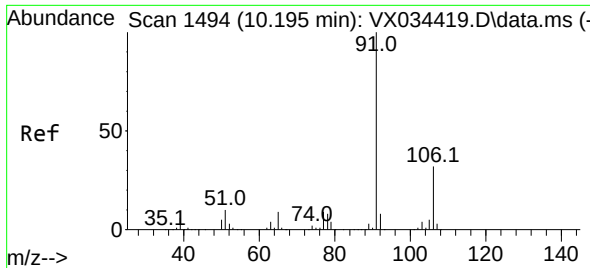
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.334 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

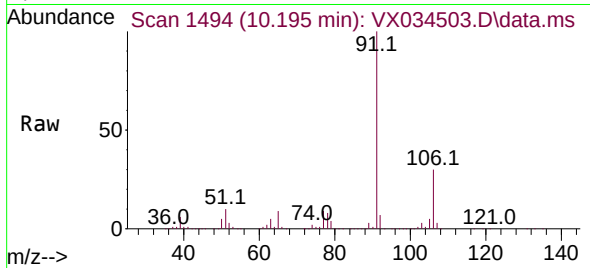
Tgt Ion:131 Resp: 166689
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 64.6 32.6 98.0





#67
Ethyl Benzene
Concen: 50.009 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

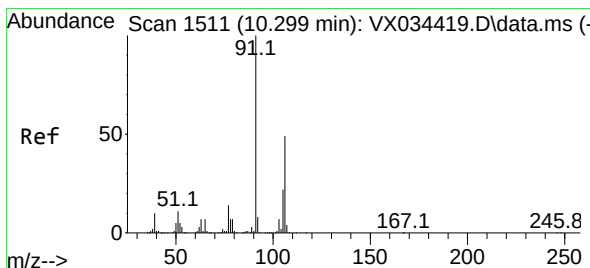
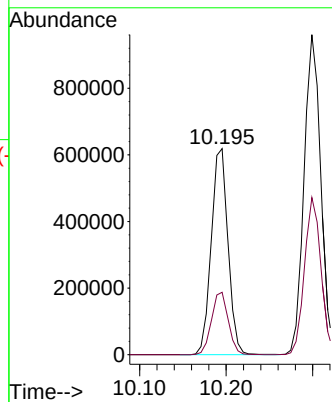
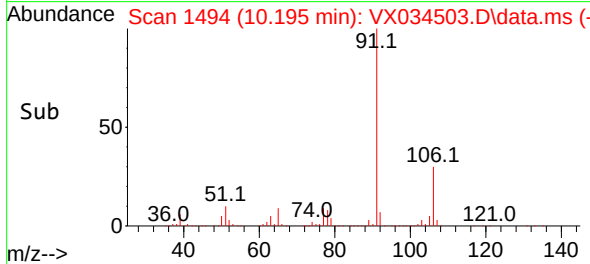
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



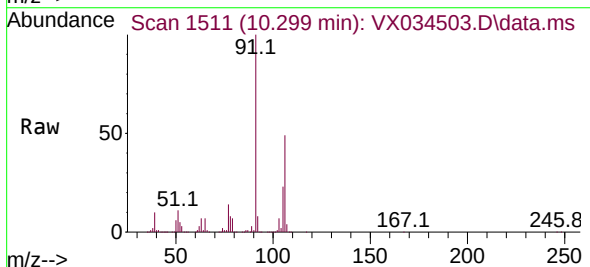
Tgt Ion: 91 Resp: 830559
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

Manual Integrations
APPROVED

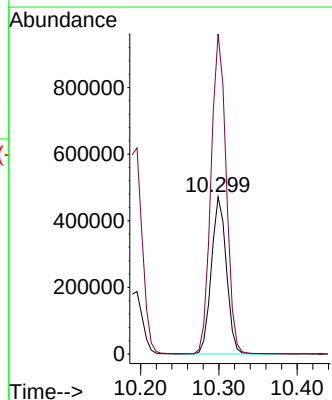
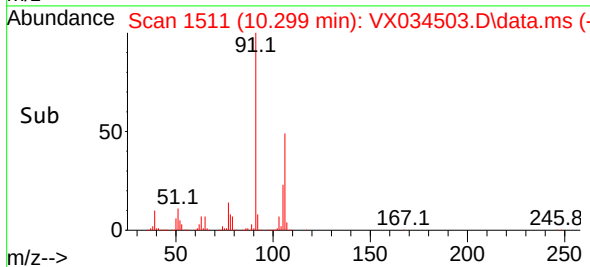
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

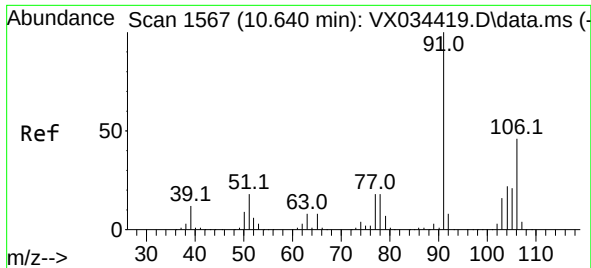


#68
m/p-Xylenes
Concen: 97.937 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04



Tgt Ion:106 Resp: 624822
Ion Ratio Lower Upper
106 100
91 206.6 164.0 246.0





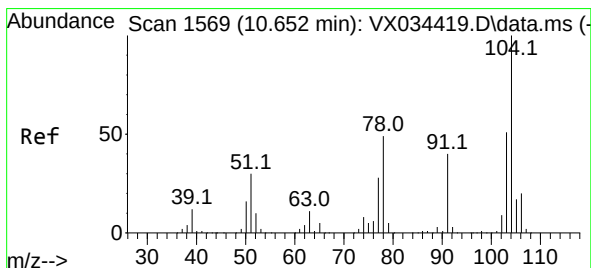
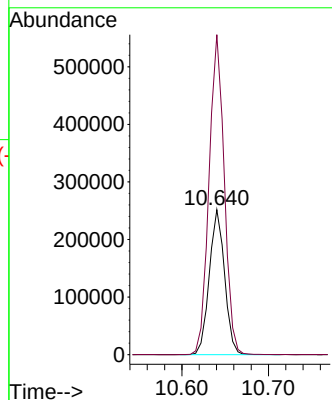
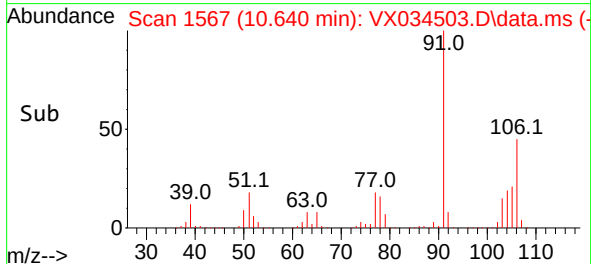
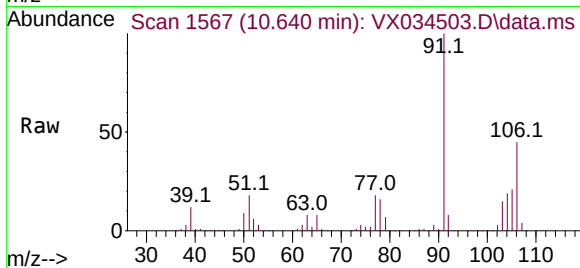
#69
o-Xylene
Concen: 48.250 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 30891
Ion Ratio Lower Upper
106 100
91 219.9 108.5 325.3

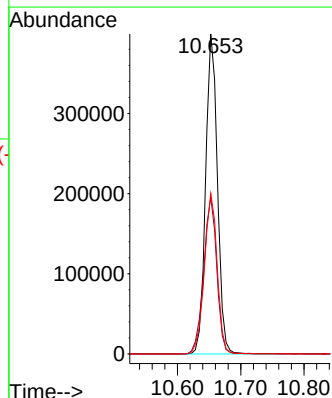
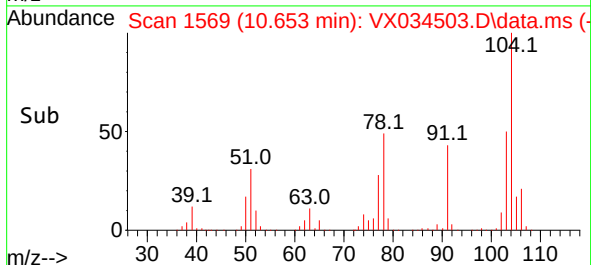
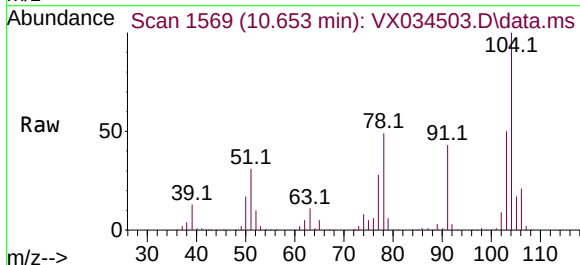
Manual Integrations
APPROVED

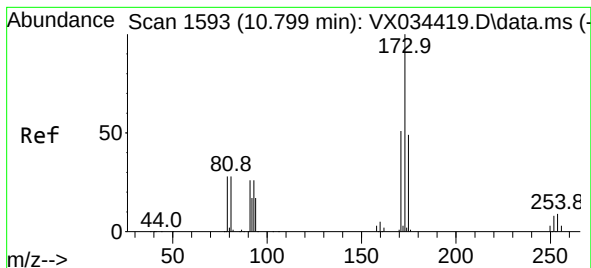
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#70
Styrene
Concen: 50.290 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion:104 Resp: 519478
Ion Ratio Lower Upper
104 100
78 54.3 43.4 65.2
103 54.7 44.2 66.2





#71

Bromoform

Concen: 48.286 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 12558

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.4

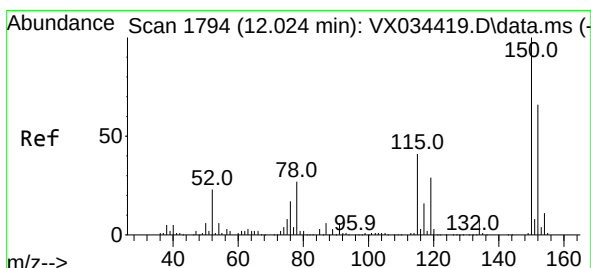
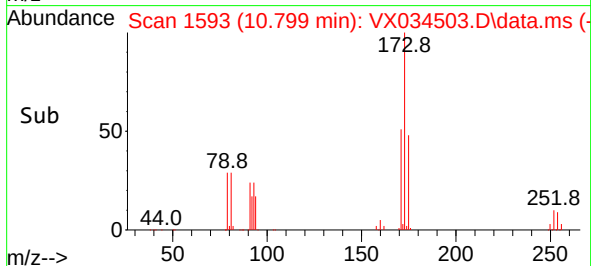
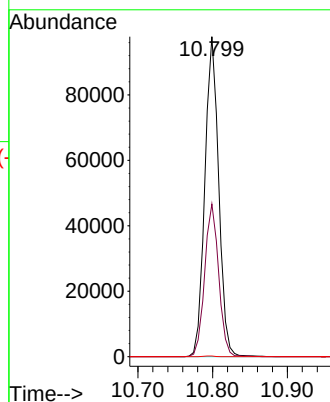
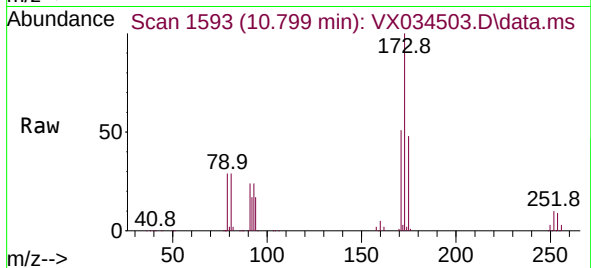
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

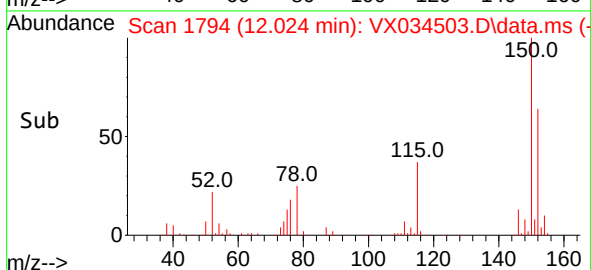
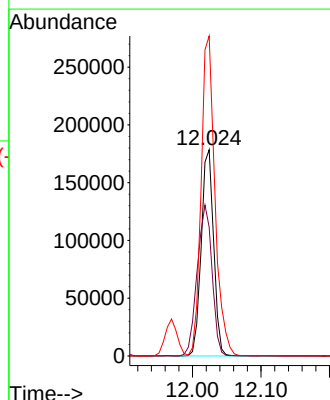
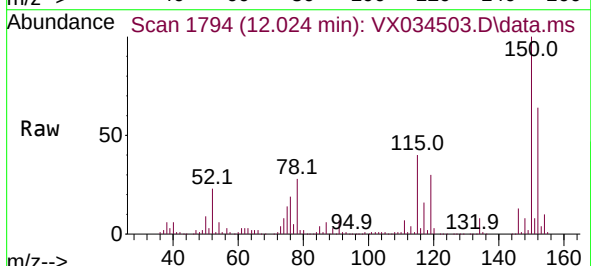
Tgt Ion:152 Resp: 224836

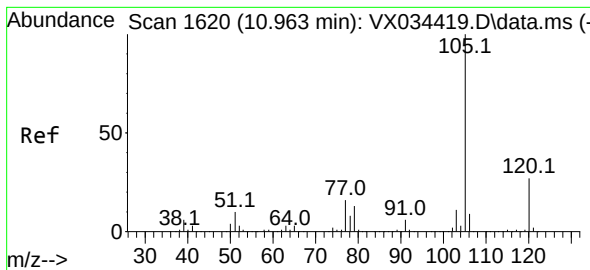
Ion Ratio Lower Upper

152 100

115 87.5 45.0 135.0

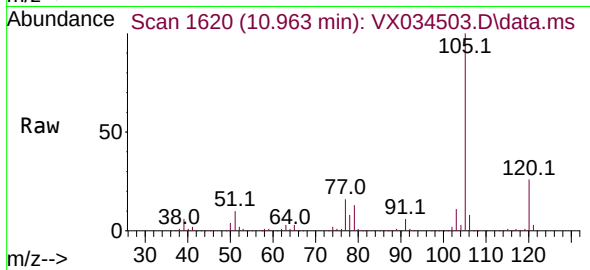
150 172.8 0.0 352.4





#73
Isopropylbenzene
Concen: 47.395 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

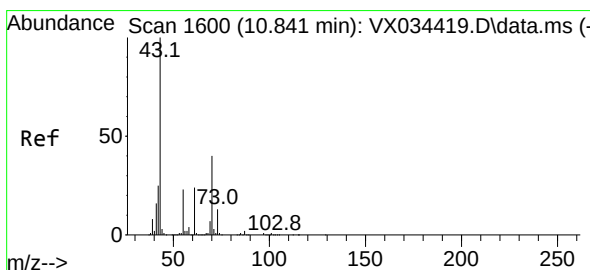
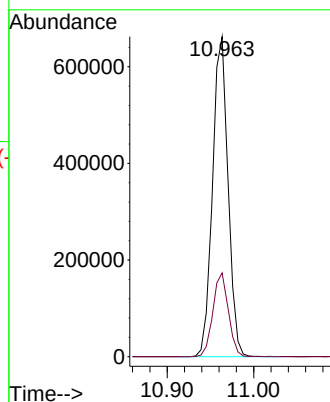
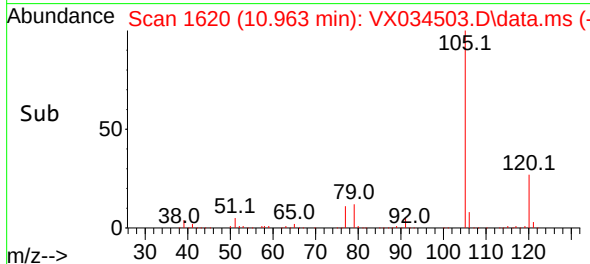
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



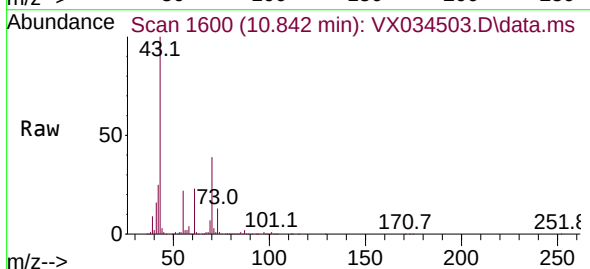
Tgt Ion:105 Resp: 823588
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9

Manual Integrations
APPROVED

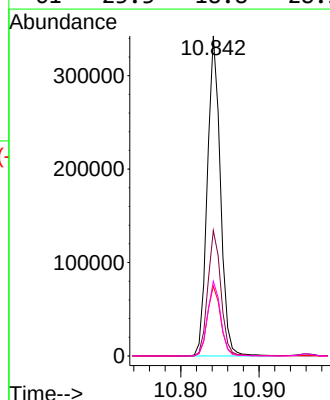
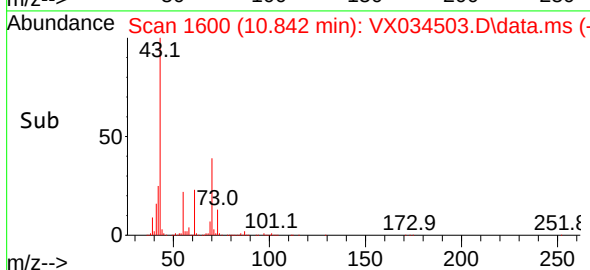
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

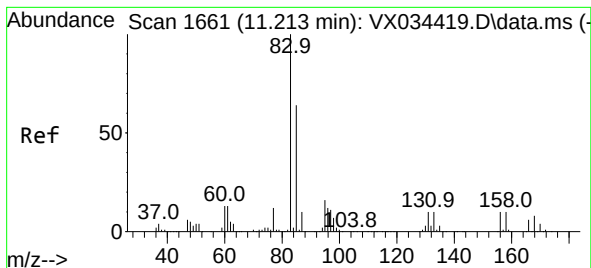


#74
N-ethyl acetate
Concen: 47.534 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04



Tgt Ion: 43 Resp: 395630
Ion Ratio Lower Upper
43 100
70 39.3 32.1 48.1
55 22.3 18.3 27.5
61 23.3 18.8 28.2





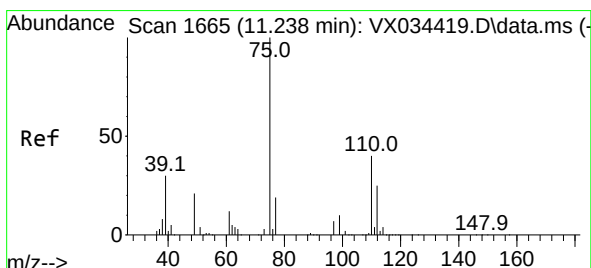
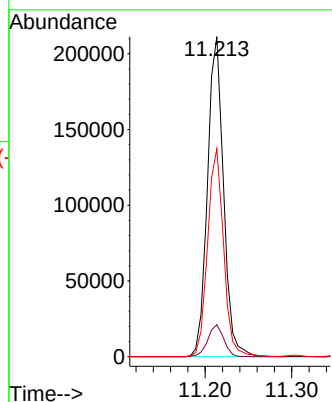
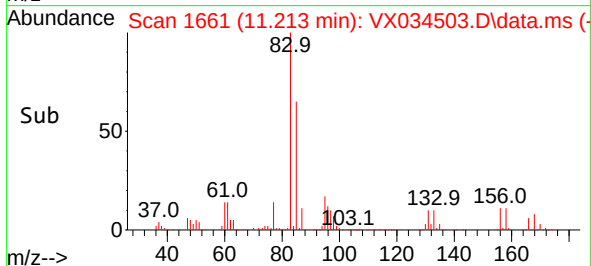
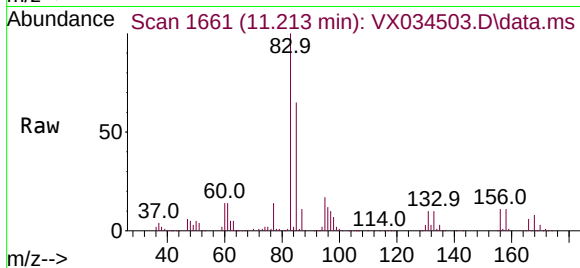
#75
1,1,2,2-Tetrachloroethane
Concen: 46.961 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 272312
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.3
85 64.7 32.0 96.0

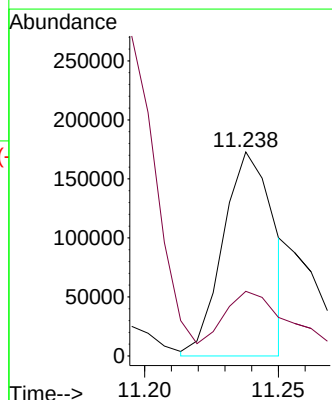
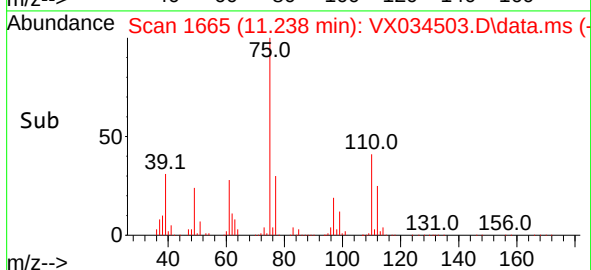
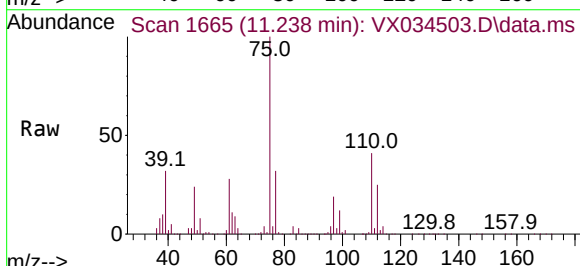
Manual Integrations
APPROVED

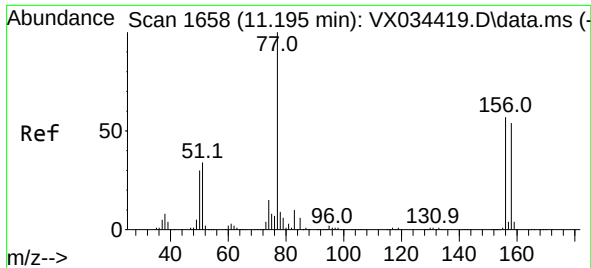
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#76
1,2,3-Trichloropropane
Concen: 43.912 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

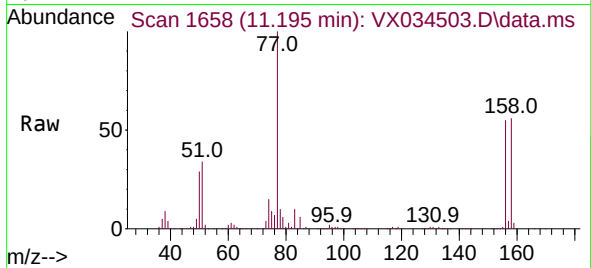
Tgt Ion: 75 Resp: 226698
Ion Ratio Lower Upper
75 100
77 43.3 21.6 64.8





#77
Bromobenzene
Concen: 46.312 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

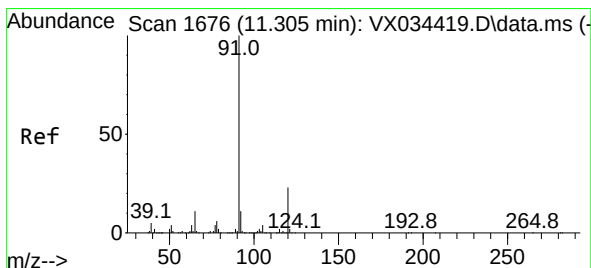
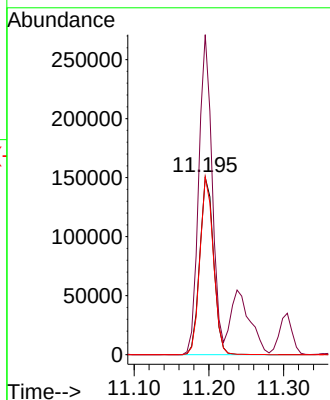
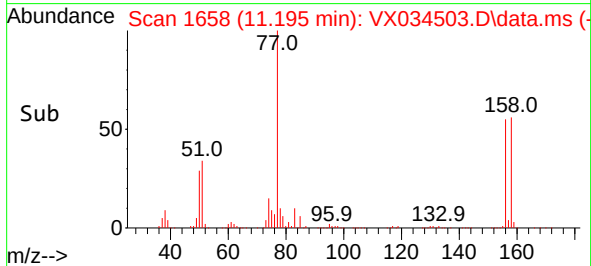
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



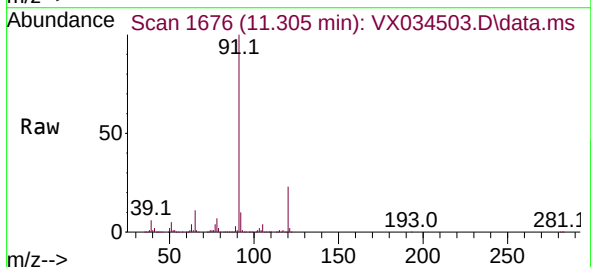
Tgt Ion:156 Resp: 193080
Ion Ratio Lower Upper
156 100
77 174.9 86.7 259.9
158 98.1 48.0 144.0

Manual Integrations
APPROVED

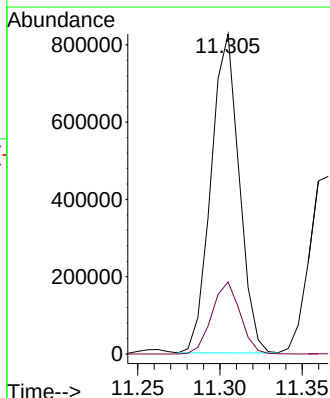
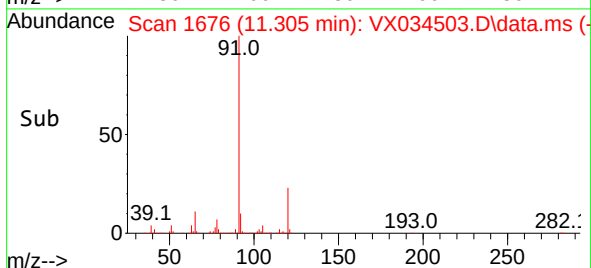
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

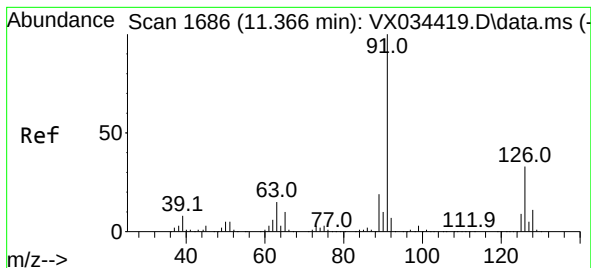


#78
n-propylbenzene
Concen: 48.960 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04



Tgt Ion: 91 Resp: 982549
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5





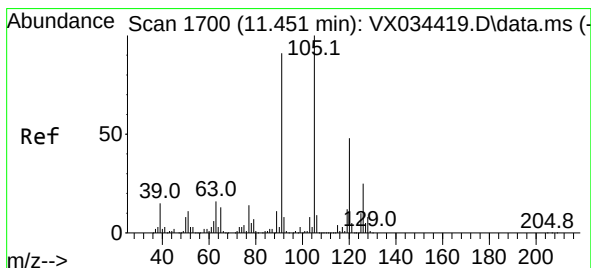
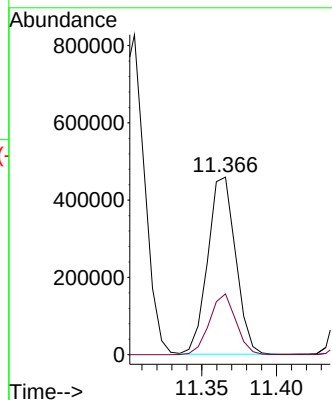
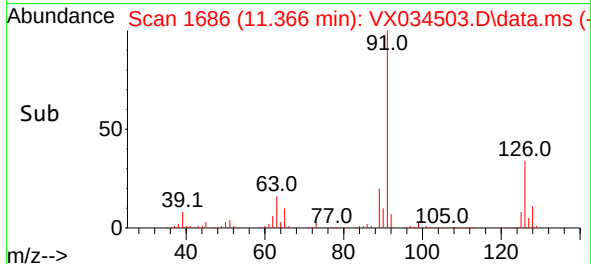
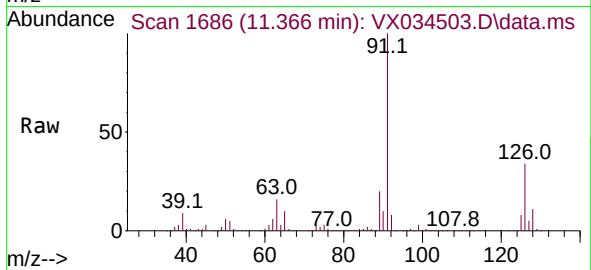
#79
2-Chlorotoluene
Concen: 48.079 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 595900
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.9

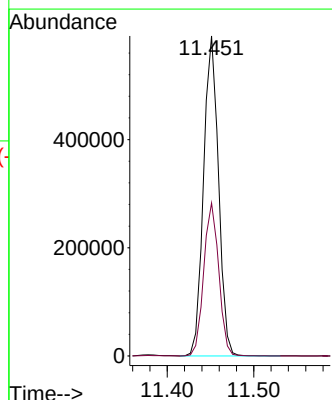
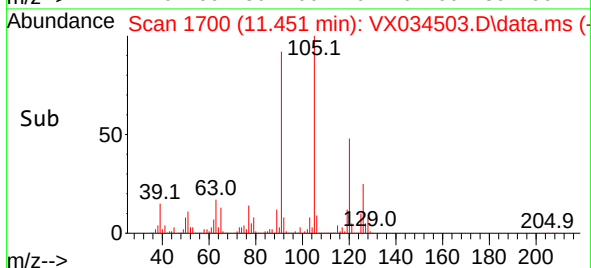
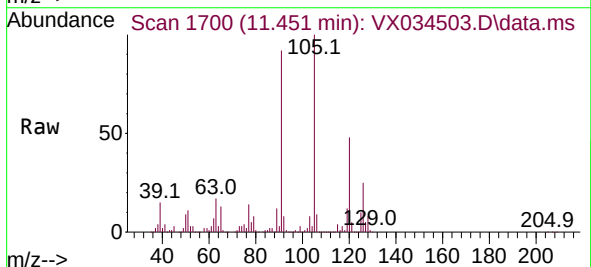
Manual Integrations
APPROVED

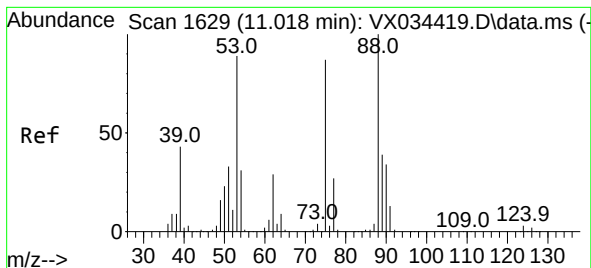
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.539 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion:105 Resp: 707469
Ion Ratio Lower Upper
105 100
120 48.0 23.7 71.1





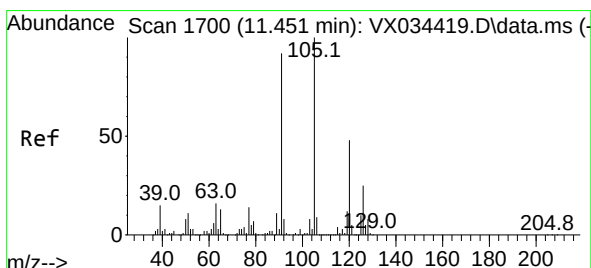
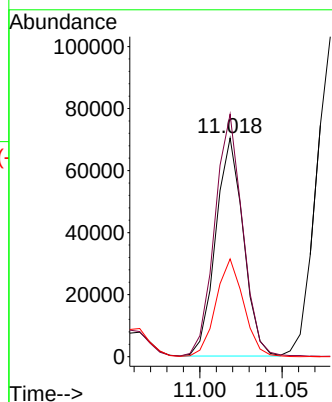
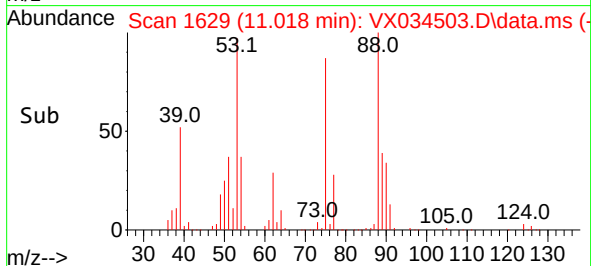
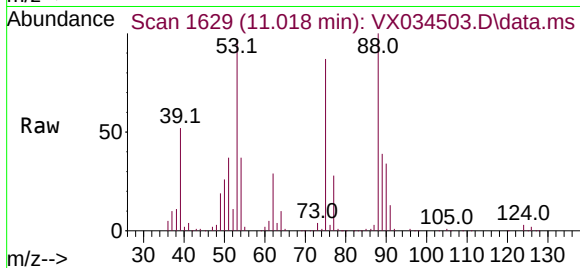
#81
trans-1,4-Dichloro-2-butene
Concen: 43.023 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 8210
Ion Ratio Lower Upper
75 100
53 112.1 82.6 124.0
89 45.0 36.9 55.3

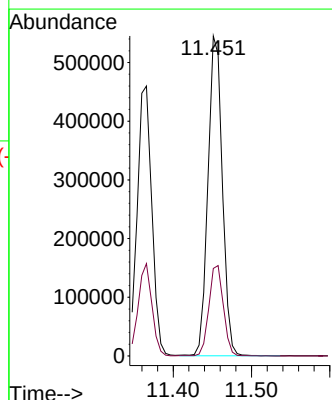
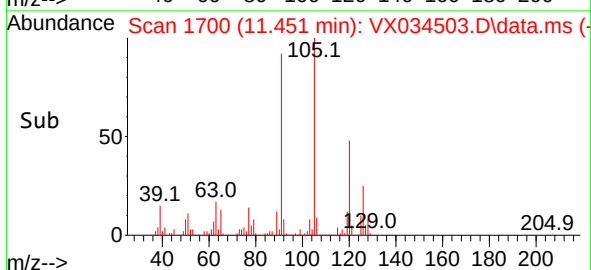
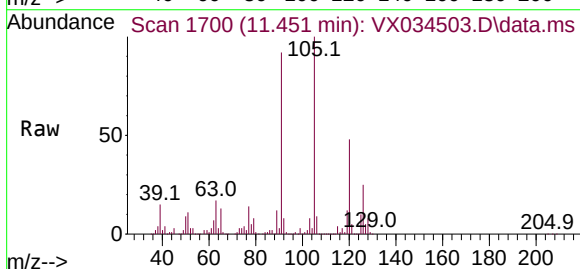
Manual Integrations
APPROVED

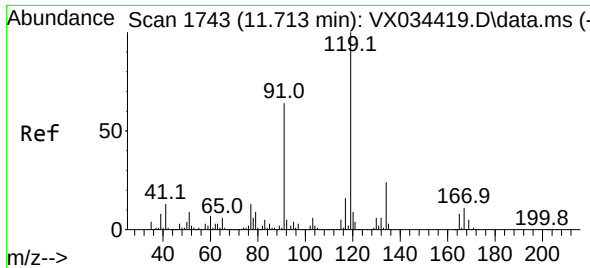
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#82
4-Chlorotoluene
Concen: 48.482 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

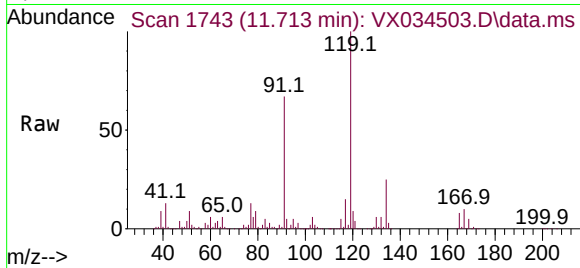
Tgt Ion: 91 Resp: 692151
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 47.253 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

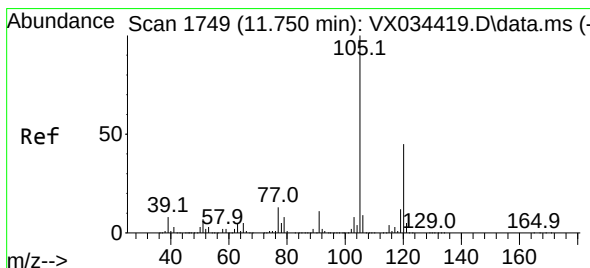
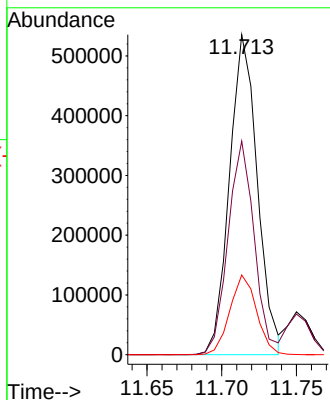
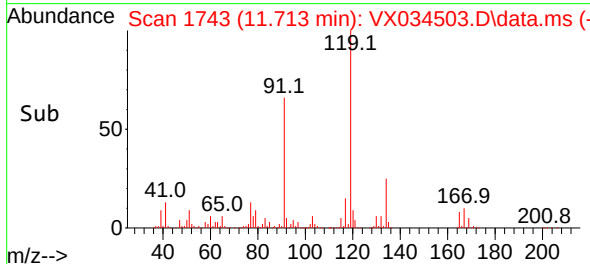
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



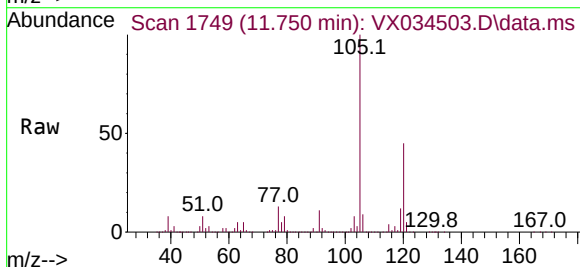
Tgt Ion:119 Resp: 694411
Ion Ratio Lower Upper
119 100
91 62.9 30.6 92.0
134 23.9 11.8 35.4

Manual Integrations
APPROVED

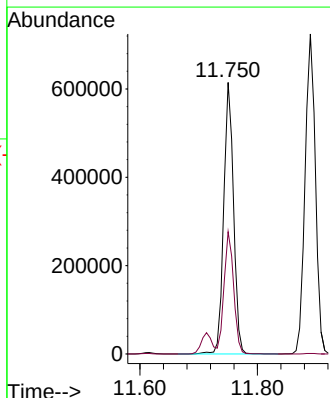
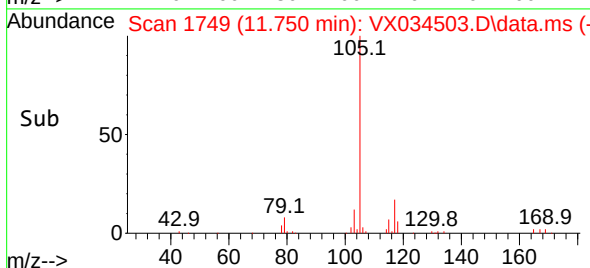
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

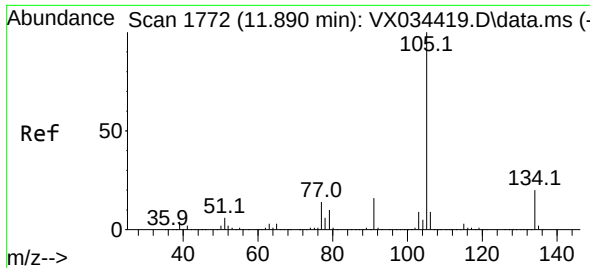


#84
1,2,4-Trimethylbenzene
Concen: 47.967 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04



Tgt Ion:105 Resp: 714511
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 49.181 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

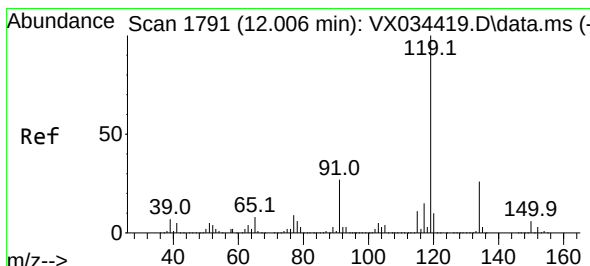
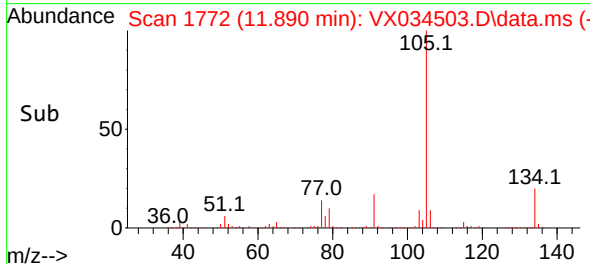
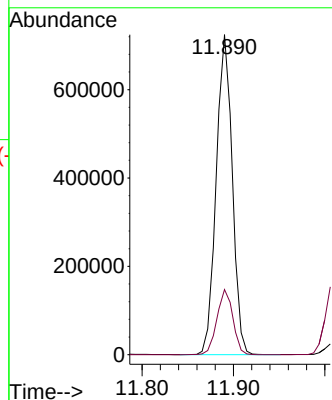
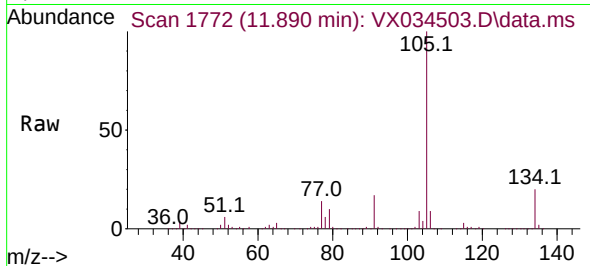
Tgt Ion:105 Resp: 883574
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

Manual Integrations

APPROVED

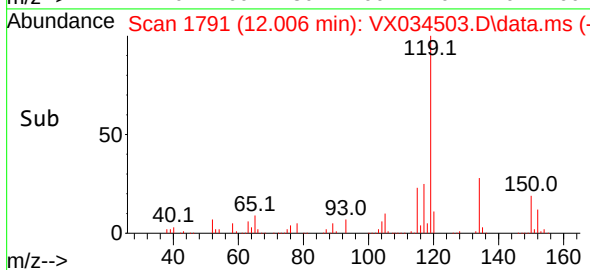
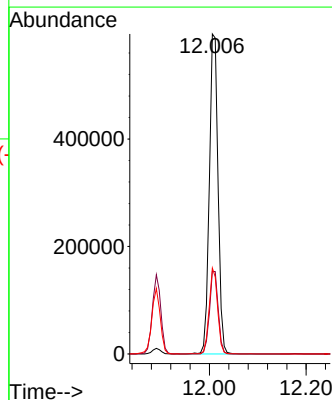
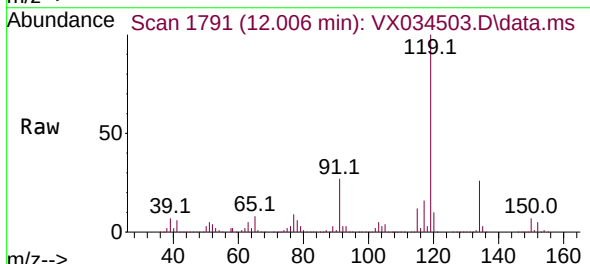
Reviewed By :John Carlone 03/16/2023

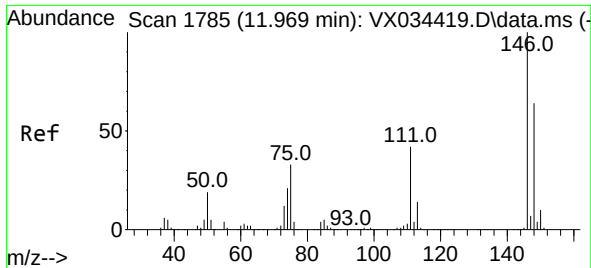
Supervised By :Mahesh Dadoda 03/16/2023



#86
 p-Isopropyltoluene
 Concen: 49.249 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

Tgt Ion:119 Resp: 743624
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 25.8 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 46.941 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 38345

Ion Ratio Lower Upper

146 100

111 41.9 20.9 62.8

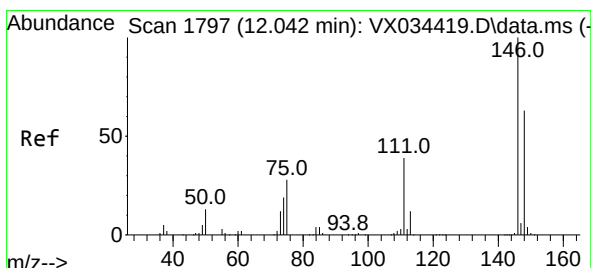
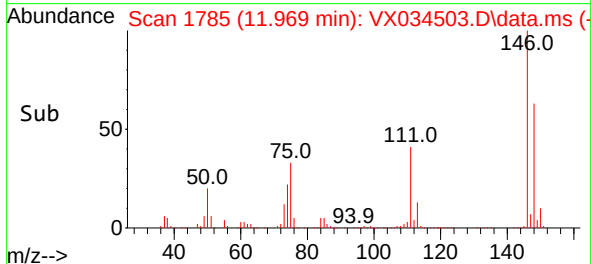
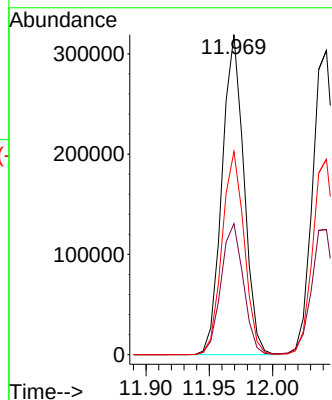
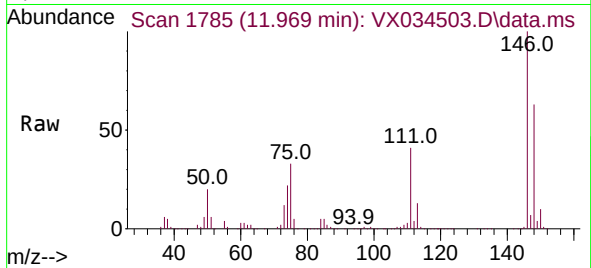
148 64.0 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#88

1,4-Dichlorobenzene

Concen: 46.578 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

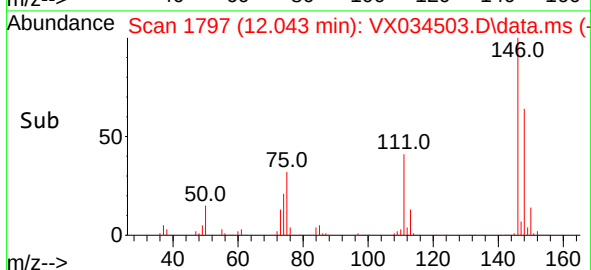
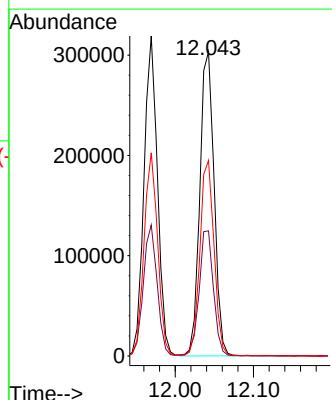
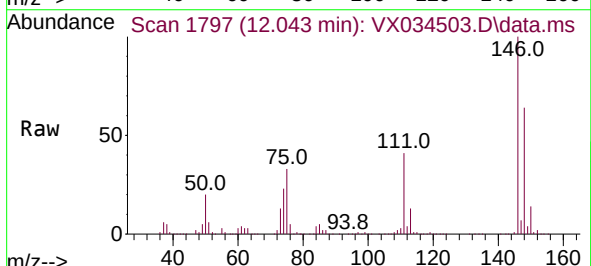
Tgt Ion:146 Resp: 384728

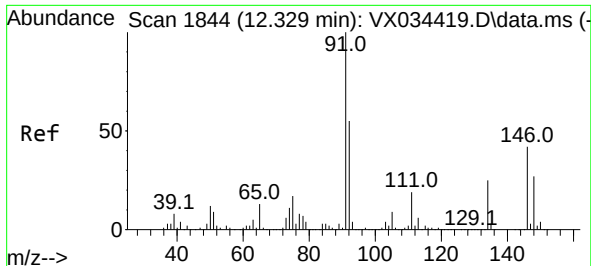
Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.9

148 63.4 31.8 95.4





#89

n-Butylbenzene

Concen: 50.376 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 67620

Ion Ratio Lower Upper

91 100

92 54.2 27.7 83.0

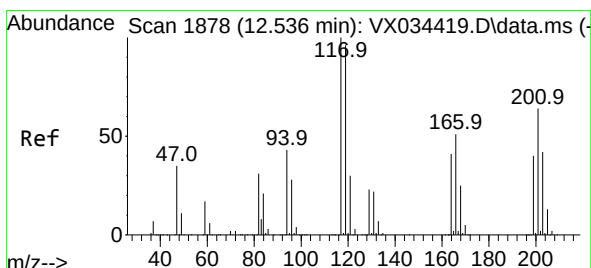
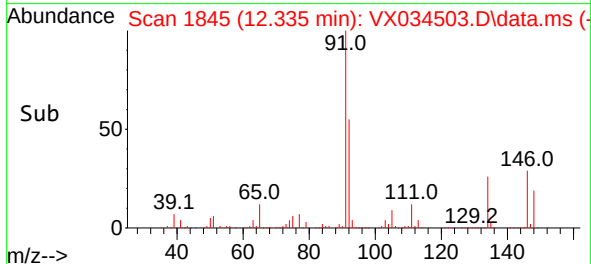
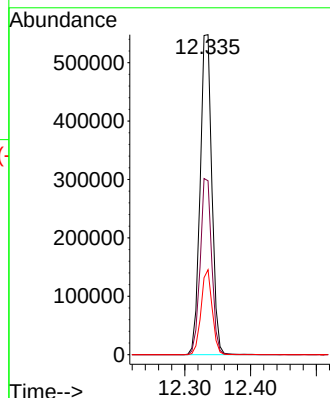
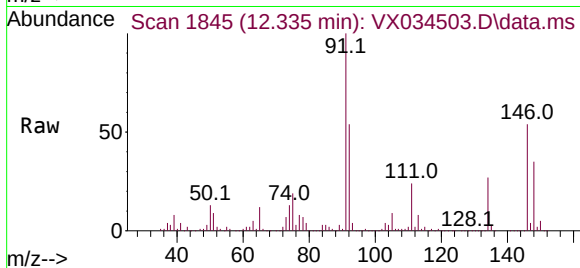
134 25.3 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#90

Hexachloroethane

Concen: 46.752 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034503.D

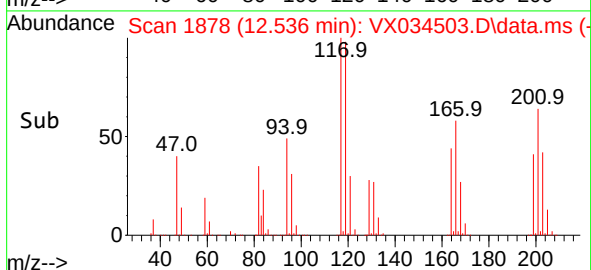
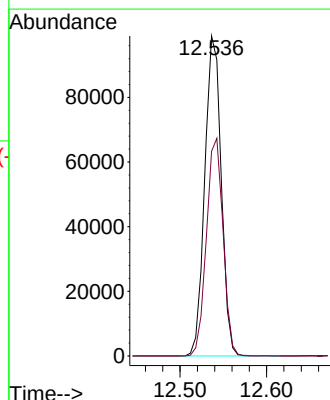
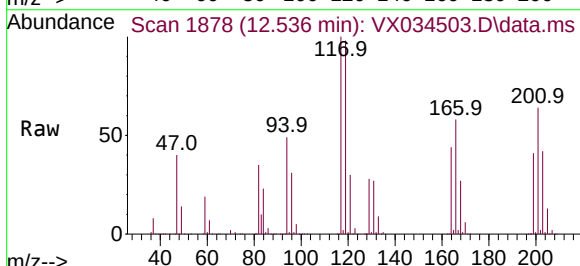
Acq: 15 Mar 2023 13:04

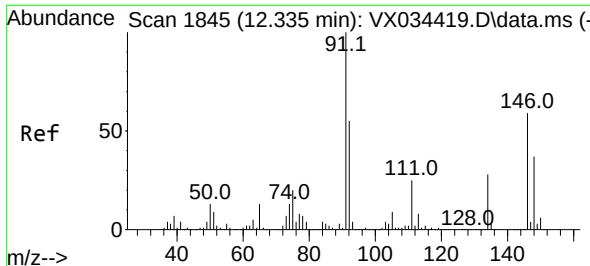
Tgt Ion:117 Resp: 130622

Ion Ratio Lower Upper

117 100

201 68.8 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 47.259 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 37308

Ion Ratio Lower Upper

146 100

111 43.8 22.0 66.0

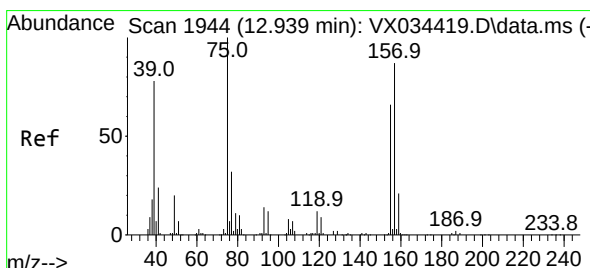
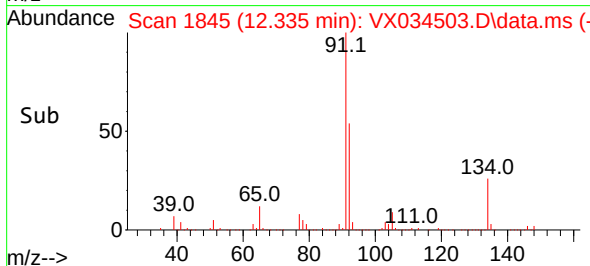
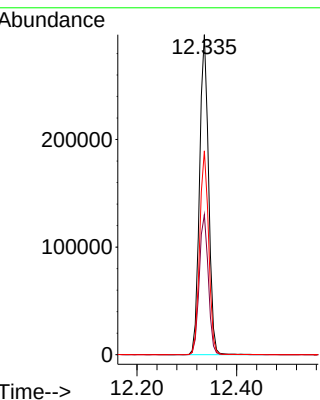
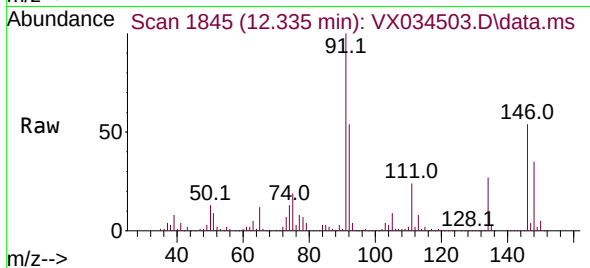
148 63.4 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.008 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

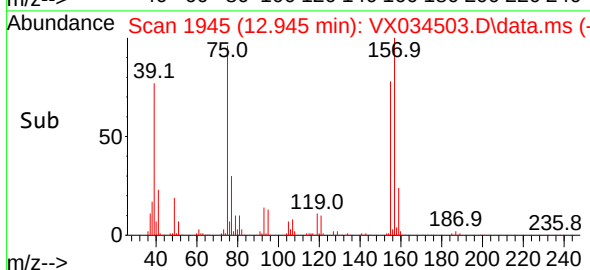
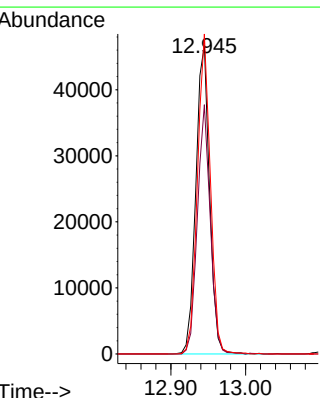
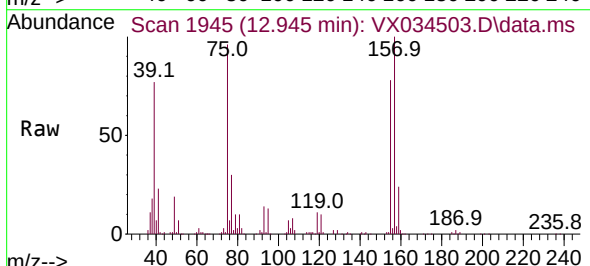
Tgt Ion: 75 Resp: 59296

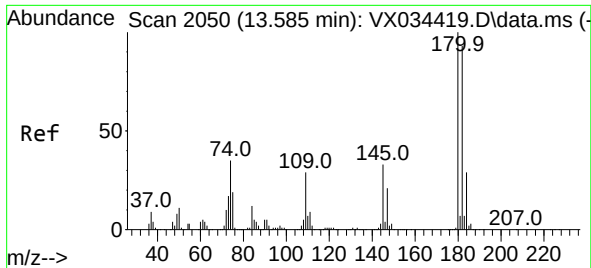
Ion Ratio Lower Upper

75 100

155 75.9 38.4 115.1

157 98.2 49.9 149.7





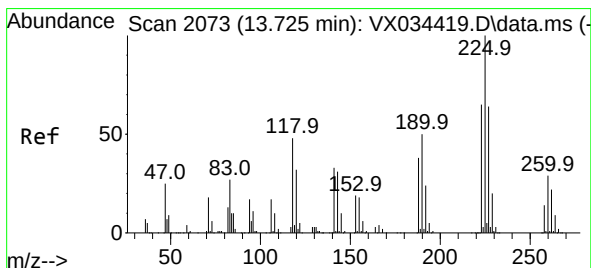
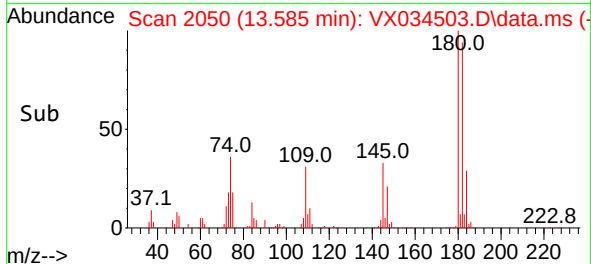
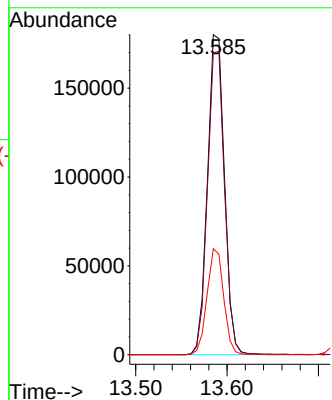
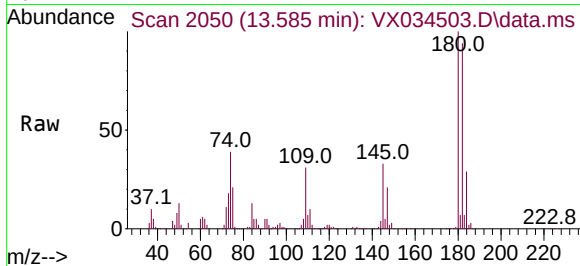
#93
1,2,4-Trichlorobenzene
Concen: 47.071 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 232374
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.0
145 32.5 15.9 47.7

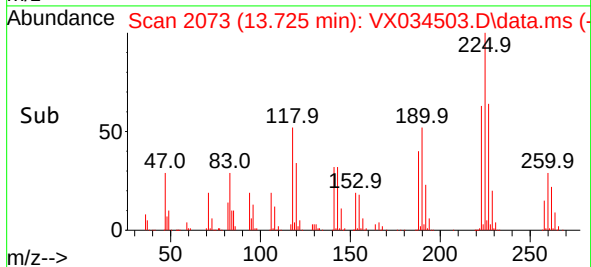
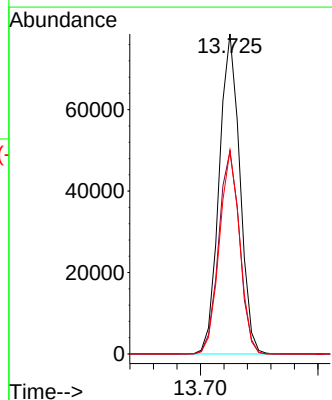
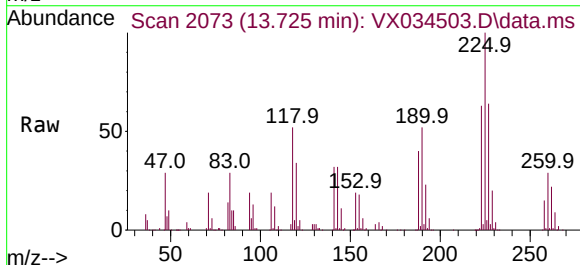
Manual Integrations
APPROVED

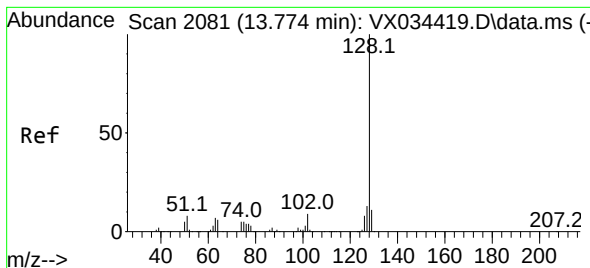
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#94
Hexachlorobutadiene
Concen: 48.306 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

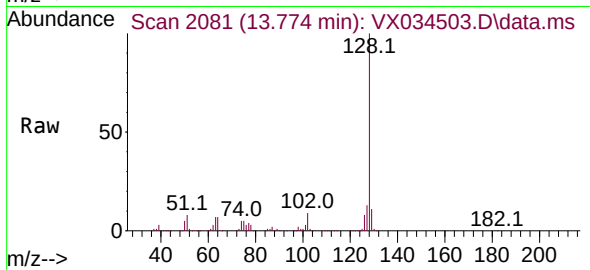
Tgt Ion:225 Resp: 96073
Ion Ratio Lower Upper
225 100
223 64.1 32.1 96.5
227 62.3 31.8 95.4





#95
Naphthalene
Concen: 46.487 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

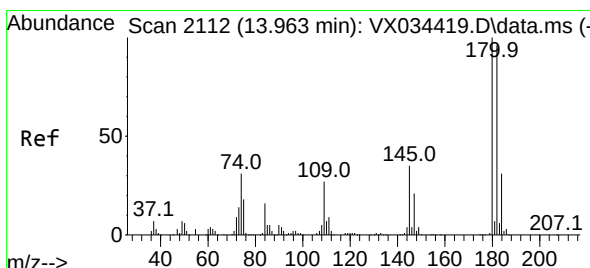
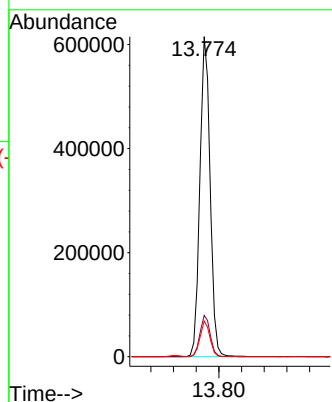
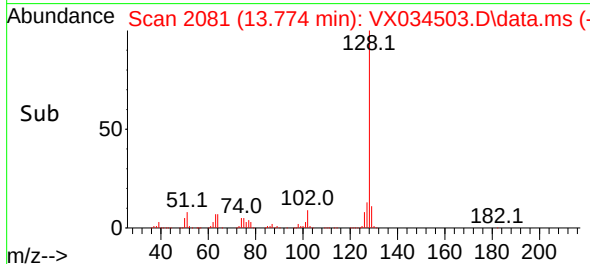
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



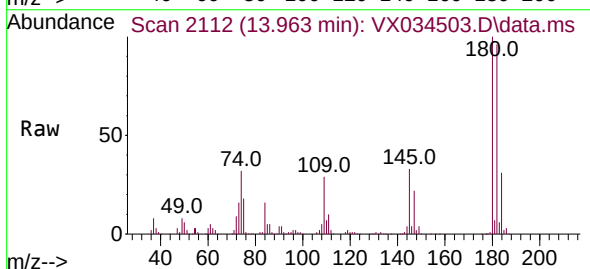
Tgt Ion:128 Resp: 769578
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.892 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04



Tgt Ion:180 Resp: 231110
Ion Ratio Lower Upper
180 100
182 93.8 48.0 144.2
145 34.3 17.7 53.1

