

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034449.D
 Acq On : 14 Mar 2023 08:54
 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 03/15/2023
 Supervised By : Mahesh Dadoda 03/15/2023

Quant Time: Mar 15 06:33:23 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	5.550	168	320300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	541230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	507950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	264785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	233799	50.174	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.340%			
35) Dibromofluoromethane	5.379	113	182121	50.965	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.920%			
50) Toluene-d8	8.647	98	697213	52.265	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.540%			
62) 4-Bromofluorobenzene	11.079	95	288684	53.576	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	135093	45.242	ug/l	100
3) Chloromethane	1.307	50	198990	43.831	ug/l	98
4) Vinyl Chloride	1.374	62	185548	45.636	ug/l	98
5) Bromomethane	1.599	94	99451	48.479	ug/l	100
6) Chloroethane	1.679	64	116573	49.796	ug/l	98
7) Trichlorofluoromethane	1.886	101	297207	48.648	ug/l	99
8) Diethyl Ether	2.130	74	111425	49.962	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	162692	45.695	ug/l	98
10) Methyl Iodide	2.447	142	230322	49.273	ug/l	99
11) Tert butyl alcohol	2.953	59	201226	207.374	ug/l	100
12) 1,1-Dichloroethene	2.319	96	157173	44.824	ug/l	98
13) Acrolein	2.233	56	200194	260.791	ug/l	99
14) Allyl chloride	2.660	41	315253	44.347	ug/l	100
15) Acrylonitrile	3.056	53	491350	234.407	ug/l	100
16) Acetone	2.374	43	580228	264.345	ug/l	99
17) Carbon Disulfide	2.508	76	412489	41.802	ug/l	99
18) Methyl Acetate	2.697	43	326275	45.493	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	590384	47.025	ug/l	99
20) Methylene Chloride	2.788	84	187621	44.043	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	176283	47.339	ug/l	99
22) Diisopropyl ether	3.758	45	653261	48.198	ug/l	91
23) Vinyl Acetate	3.715	43	2520620	244.359	ug/l	99
24) 1,1-Dichloroethane	3.605	63	337662	46.345	ug/l	98
25) 2-Butanone	4.544	43	801679	255.256	ug/l	99
26) 2,2-Dichloropropane	4.471	77	291269	45.991	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	209260	46.681	ug/l	100
28) Bromochloromethane	4.891	49	172301	50.861	ug/l	99
29) Tetrahydrofuran	4.995	42	463390	239.109	ug/l	99
30) Chloroform	5.087	83	347220	48.618	ug/l	99
31) Cyclohexane	5.465	56	299951	45.899	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	299412	47.357	ug/l	100
36) 1,1-Dichloropropene	5.690	75	254129	46.301	ug/l	99
37) Ethyl Acetate	4.702	43	279446	46.604	ug/l	99
38) Carbon Tetrachloride	5.672	117	257902	47.233	ug/l	97
39) Methylcyclohexane	7.373	83	305942	46.578	ug/l	96
40) Benzene	6.032	78	760730	47.379	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	158048	48.096	ug/l	99
42) 1,2-Dichloroethane	6.080	62	286243	48.508	ug/l	100
43) Isopropyl Acetate	6.336	43	492419	48.477	ug/l	100
44) Trichloroethene	7.123	130	193100	46.287	ug/l	97
45) 1,2-Dichloropropane	7.428	63	204270	48.724	ug/l	98
46) Dibromomethane	7.574	93	138071	48.443	ug/l	98
47) Bromodichloromethane	7.818	83	275037	49.860	ug/l	98
48) Methyl methacrylate	7.690	41	237658	48.647	ug/l	99
49) 1,4-Dioxane	7.653	88	97960	954.666	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	1470983	249.629	ug/l	99
52) Toluene	8.714	92	484903	48.780	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	320976	51.649	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	334492	49.750	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	199797	50.645	ug/l	99
56) Ethyl methacrylate	9.116	69	324592	50.112	ug/l	99
57) 1,3-Dichloropropane	9.305	76	346213	49.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	835329	250.238	ug/l	100
59) 2-Hexanone	9.427	43	1211388	265.939	ug/l	100
60) Dibromochloromethane	9.519	129	216353	52.290	ug/l	100
61) 1,2-Dibromoethane	9.610	107	211012	49.567	ug/l	100
64) Tetrachloroethene	9.269	164	156493	45.864	ug/l	98
65) Chlorobenzene	10.080	112	525102	47.116	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	199652	49.187	ug/l	99
67) Ethyl Benzene	10.189	91	962216	48.227	ug/l	97
68) m/p-Xylenes	10.299	106	735756	95.997	ug/l	100
69) o-Xylene	10.640	106	364411	47.379	ug/l	99
70) Styrene	10.653	104	606905	48.907	ug/l	100
71) Bromoform	10.799	173	158071	50.591	ug/l #	99
73) Isopropylbenzene	10.964	105	949651	46.404	ug/l	100
74) N-amyl acetate	10.842	43	470089	47.959	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	321583	47.091	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	270572m	44.504	ug/l	
77) Bromobenzene	11.195	156	230641	46.974	ug/l	100
78) n-propylbenzene	11.305	91	1141150	48.283	ug/l	100
79) 2-Chlorotoluene	11.366	91	694906	47.607	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	824670	48.043	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	107045	47.632	ug/l	99
82) 4-Chlorotoluene	11.451	91	808516	48.089	ug/l	99
83) tert-Butylbenzene	11.713	119	814240	47.048	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	835371	47.619	ug/l	99
85) sec-Butylbenzene	11.890	105	1008973	47.687	ug/l	100
86) p-Isopropyltoluene	12.006	119	856624	48.173	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	443763	46.128	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	456268	46.905	ug/l	100
89) n-Butylbenzene	12.329	91	772662	48.877	ug/l	99
90) Hexachloroethane	12.536	117	161924	49.212	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	436727	46.975	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	72757	46.894	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	270730	46.566	ug/l	98
94) Hexachlorobutadiene	13.725	225	109735	46.851	ug/l	98
95) Naphthalene	13.774	128	902413	46.287	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	266883	46.961	ug/l	98

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VSTDCCC050

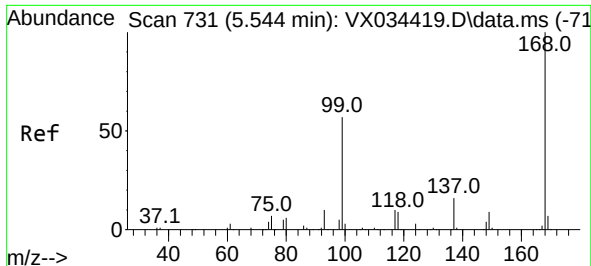
Manual Integrations
APPROVED

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



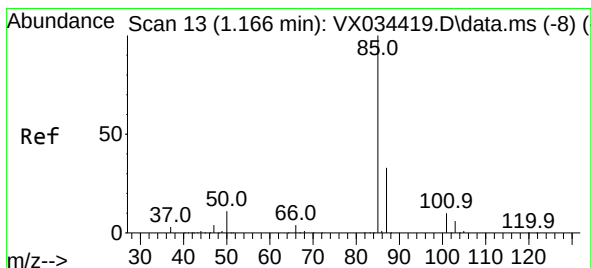
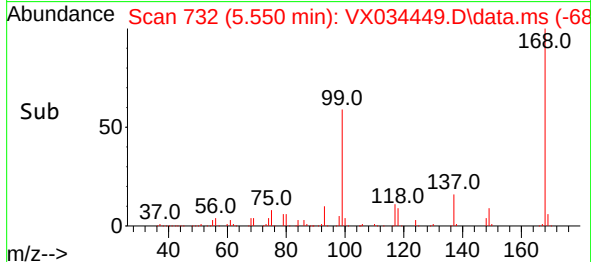
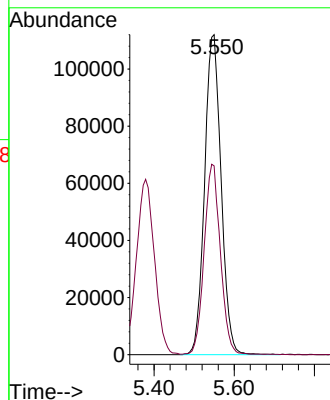
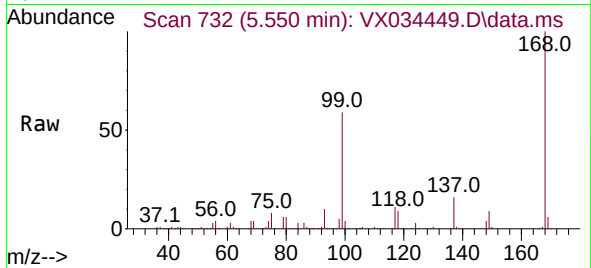
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

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MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 320300
Ion Ratio Lower Upper
168 100
99 58.9 45.7 68.5

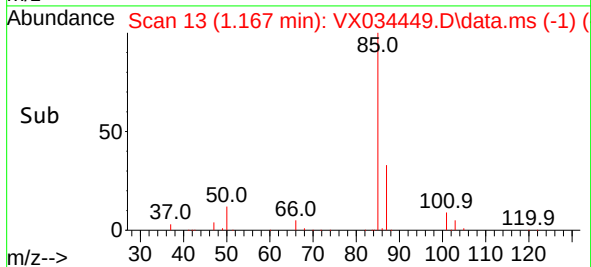
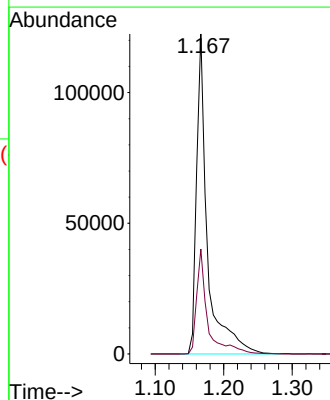
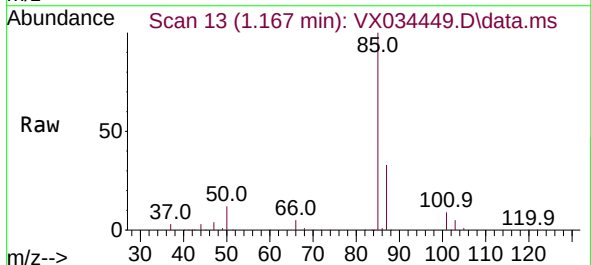
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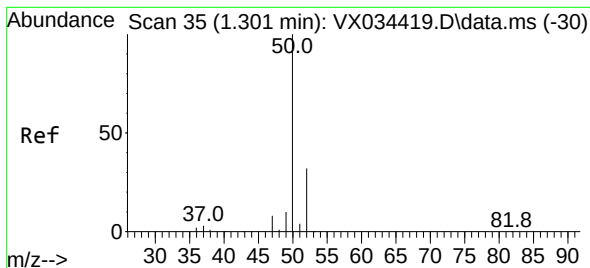
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#2
Dichlorodifluoromethane
Concen: 45.242 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Tgt Ion: 85 Resp: 135093
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.1





#3

Chloromethane

Concen: 43.831 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 198990

Ion Ratio Lower Upper

50 100

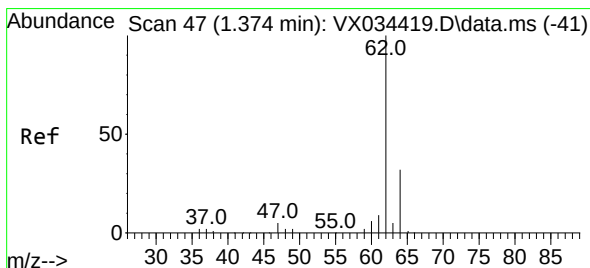
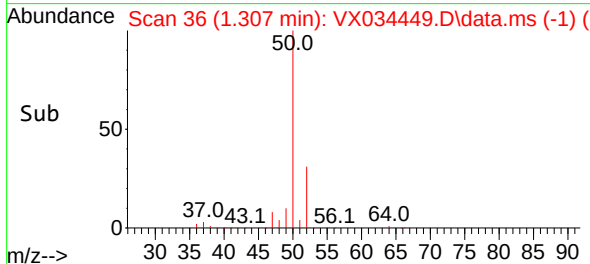
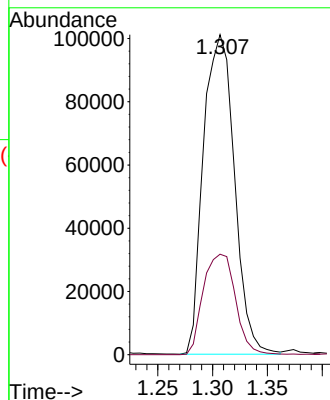
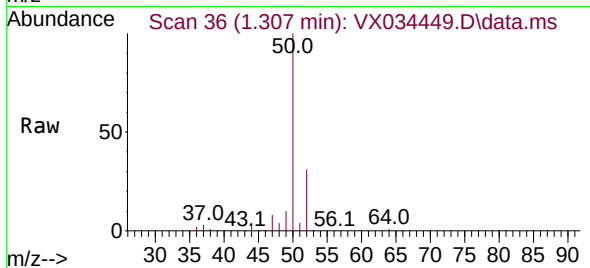
52 31.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

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#4

Vinyl Chloride

Concen: 45.636 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX034449.D

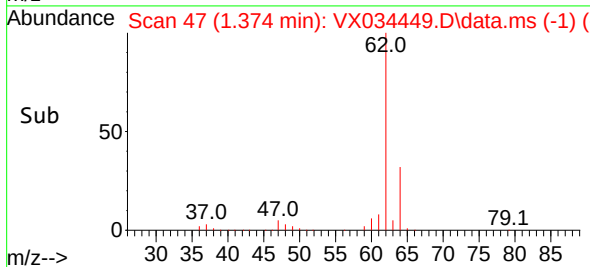
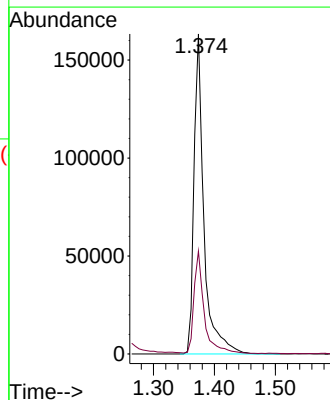
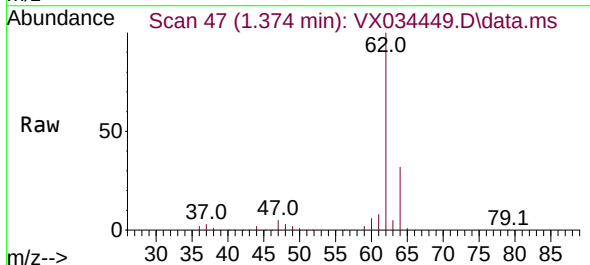
Acq: 14 Mar 2023 08:54

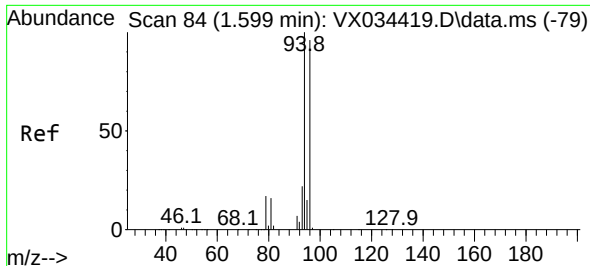
Tgt Ion: 62 Resp: 185548

Ion Ratio Lower Upper

62 100

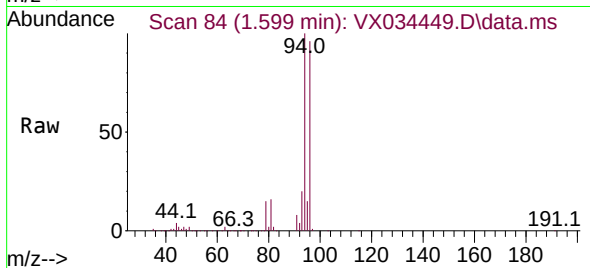
64 32.0 26.4 39.6





#5
Bromomethane
Concen: 48.479 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034449.D
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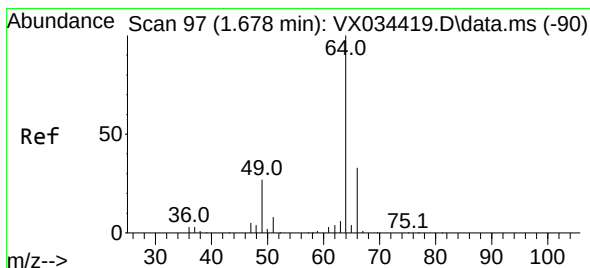
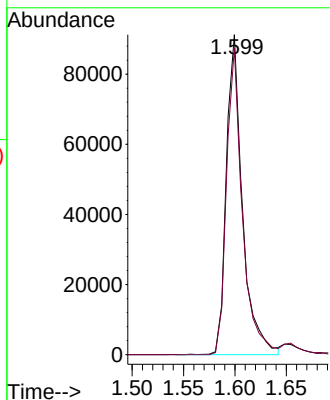
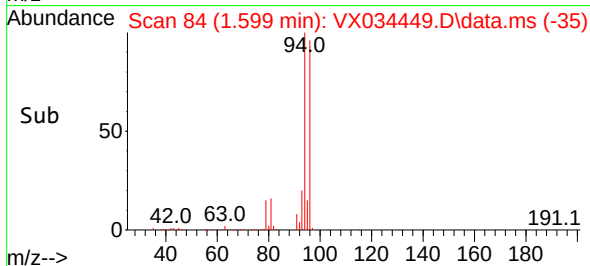
Instrument :
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Tgt Ion: 94 Resp: 9945
Ion Ratio Lower Upper
94 100
96 95.9 77.0 115.6

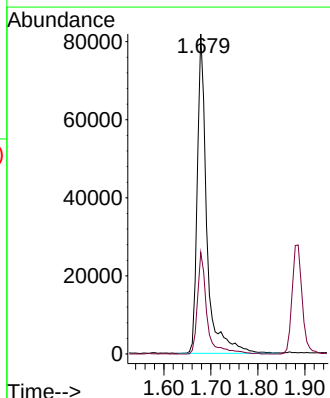
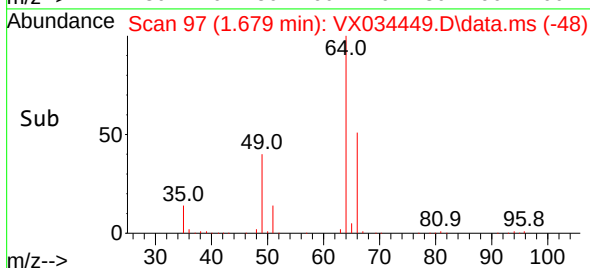
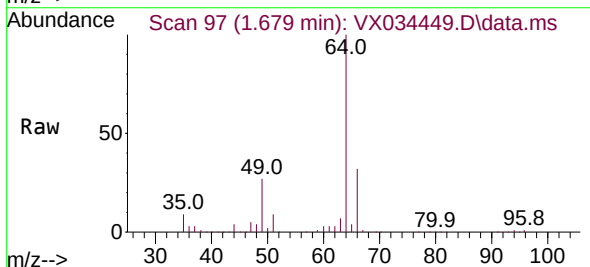
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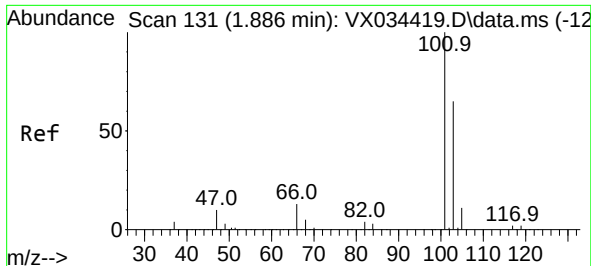
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#6
Chloroethane
Concen: 49.796 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

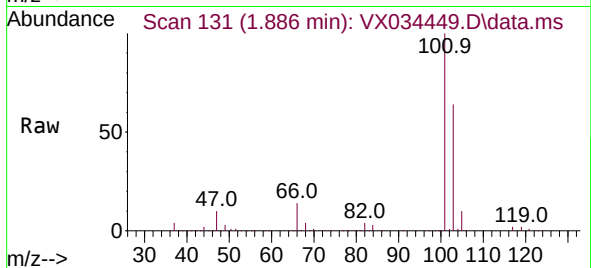
Tgt Ion: 64 Resp: 116573
Ion Ratio Lower Upper
64 100
66 31.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 48.648 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

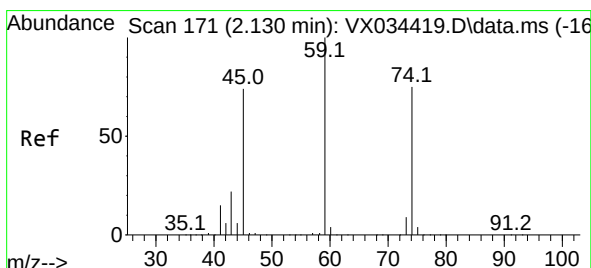
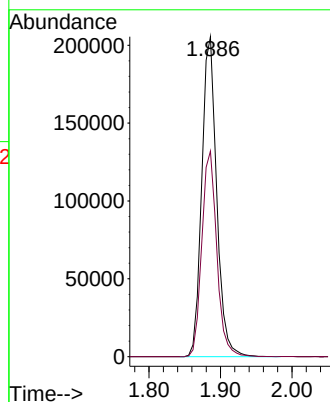
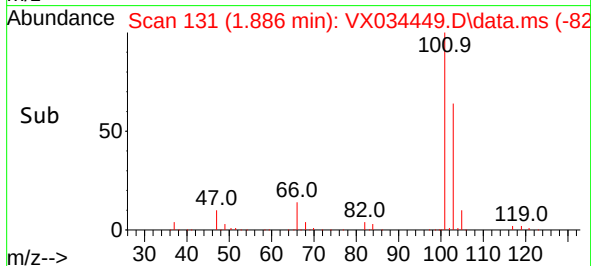
Instrument :
MSVOA_X
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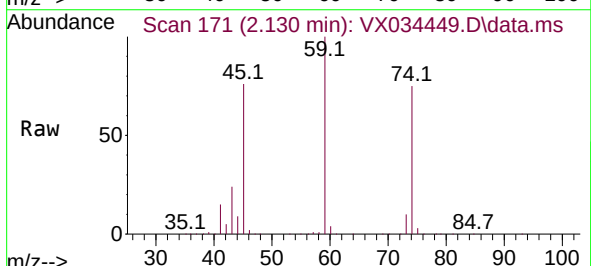
Tgt Ion:101 Resp: 29720
Ion Ratio Lower Upper
101 100
103 64.2 52.0 78.0

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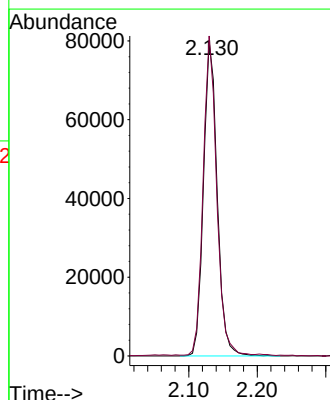
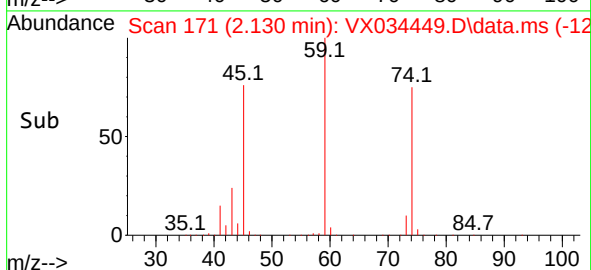
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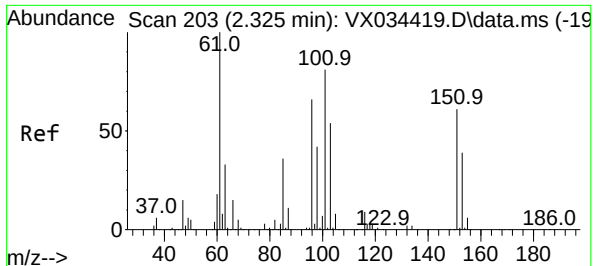


#8
Diethyl Ether
Concen: 49.962 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54



Tgt Ion: 74 Resp: 111425
Ion Ratio Lower Upper
74 100
45 100.0 49.8 149.3





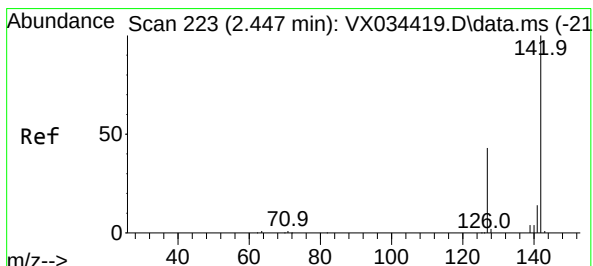
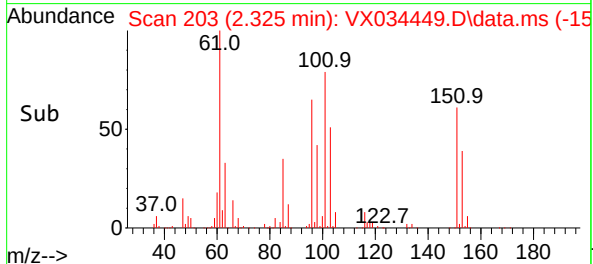
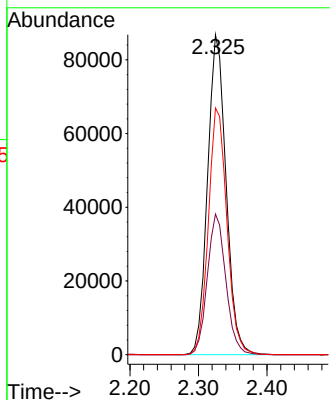
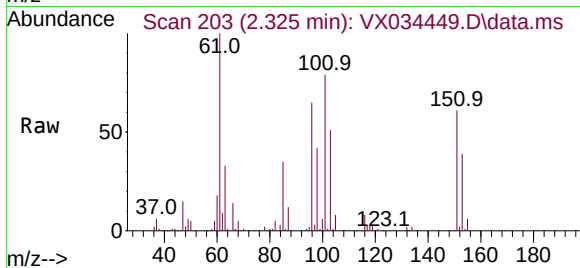
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1,1,2-Trichlorotrifluoroethane
Concen: 45.695 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 162692
Ion Ratio Lower Upper
101 100
85 44.2 35.4 53.2
151 77.3 60.2 90.4

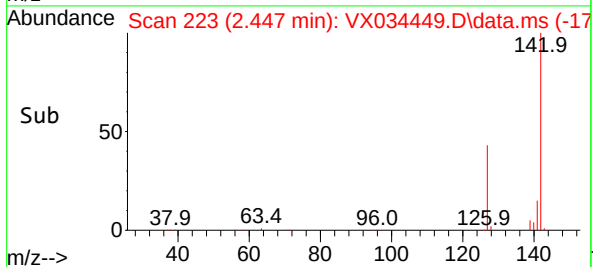
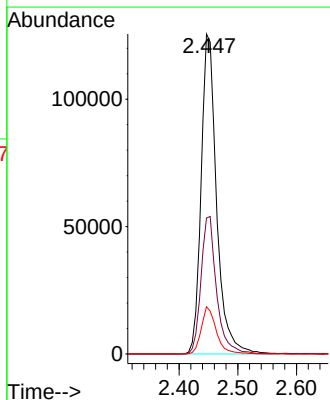
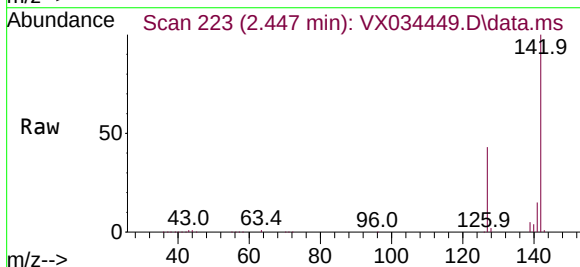
Manual Integrations
APPROVED

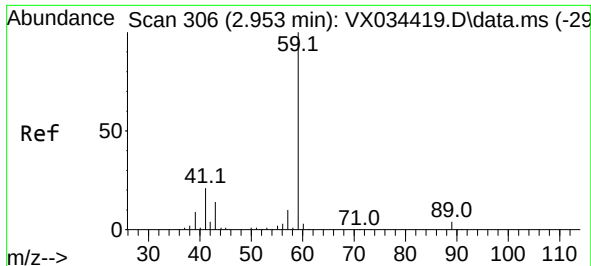
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#10
Methyl Iodide
Concen: 49.273 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

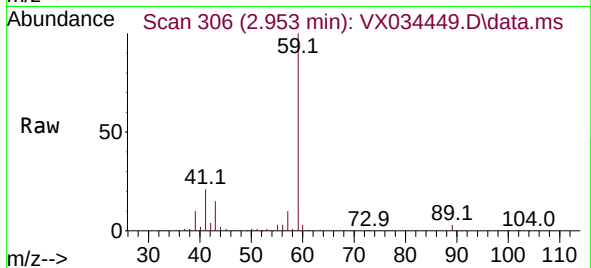
Tgt Ion:142 Resp: 230322
Ion Ratio Lower Upper
142 100
127 43.3 34.0 51.0
141 14.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 207.374 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

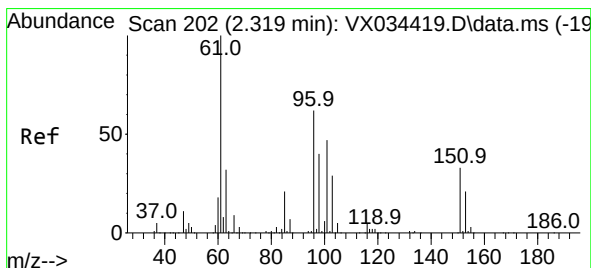
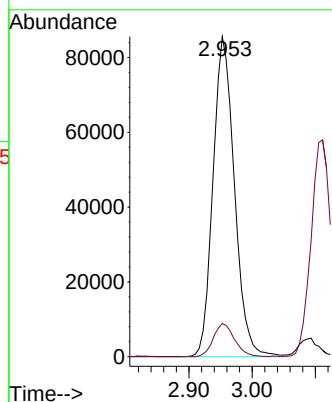
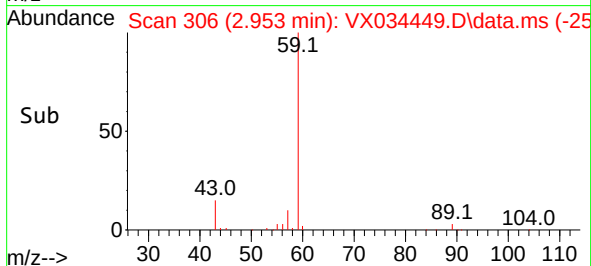
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



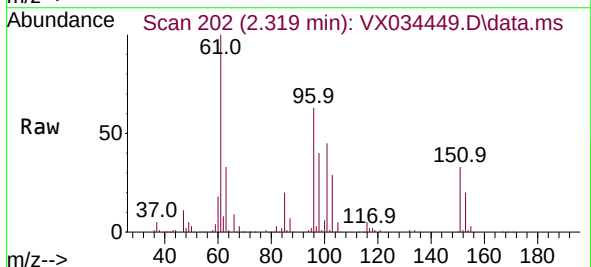
Tgt Ion: 59 Resp: 201220
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

Manual Integrations
APPROVED

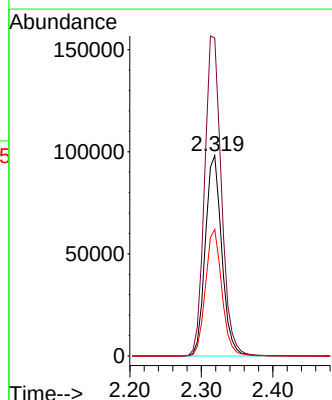
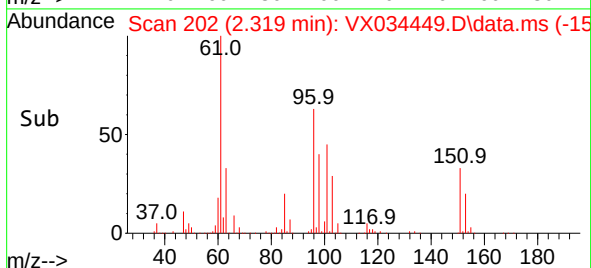
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

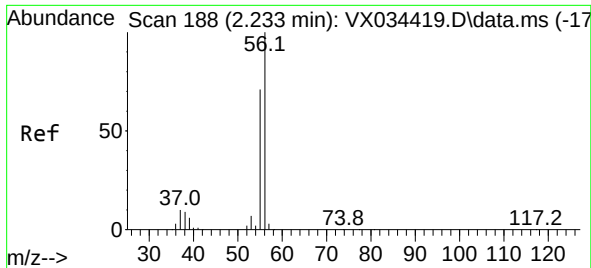


#12
1,1-Dichloroethene
Concen: 44.824 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54



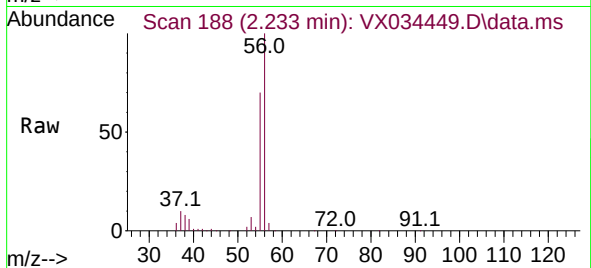
Tgt Ion: 96 Resp: 157173
Ion Ratio Lower Upper
96 100
61 158.7 128.8 193.2
98 63.2 51.4 77.0





#13
Acrolein
Concen: 260.791 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

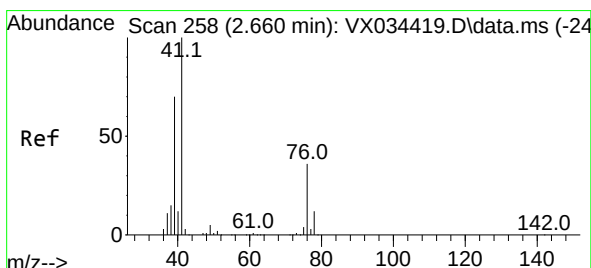
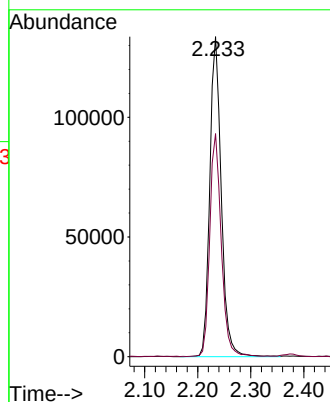
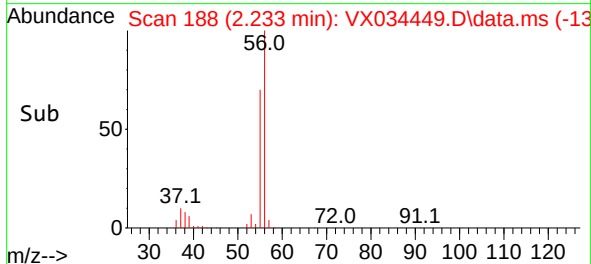
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 200194
Ion Ratio Lower Upper
56 100
55 69.9 56.6 85.0

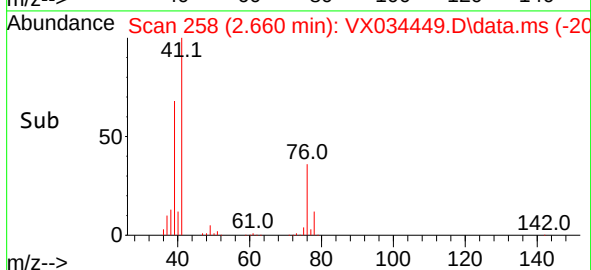
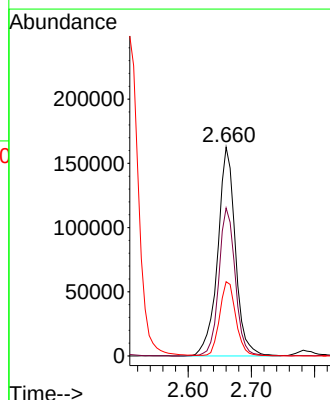
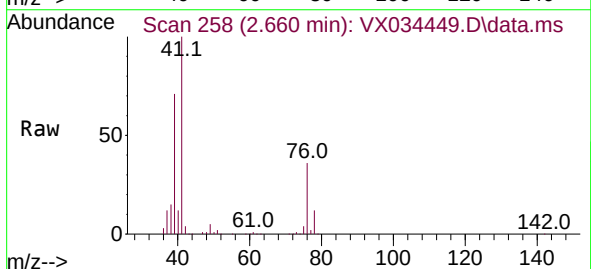
Manual Integrations
APPROVED

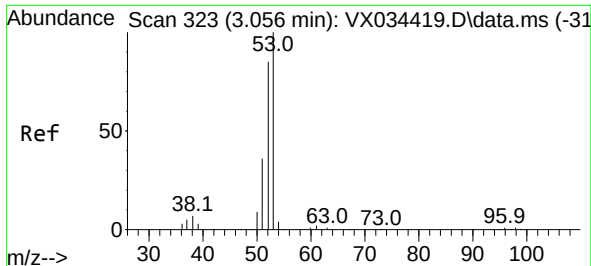
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#14
Allyl chloride
Concen: 44.347 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

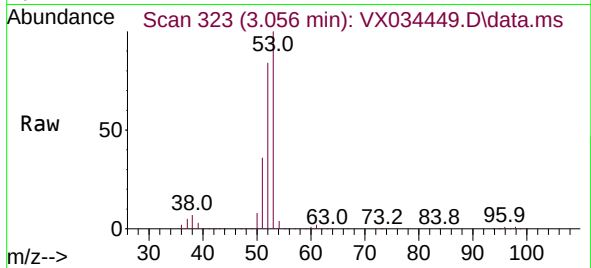
Tgt Ion: 41 Resp: 315253
Ion Ratio Lower Upper
41 100
39 65.6 52.4 78.6
76 32.4 26.0 39.0





#15
Acrylonitrile
Concen: 234.407 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

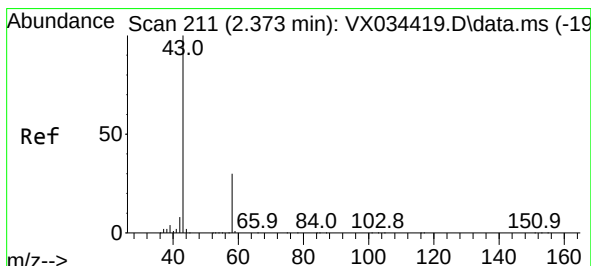
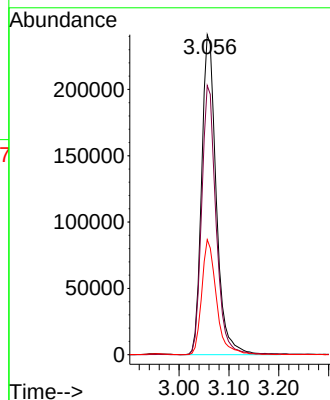
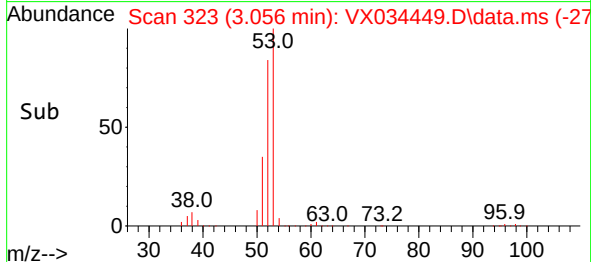
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



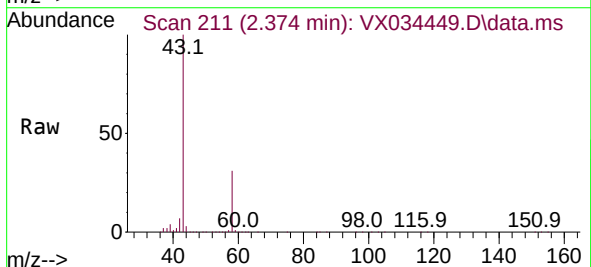
Tgt Ion: 53 Resp: 491350
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 36.1 28.3 42.5

Manual Integrations
APPROVED

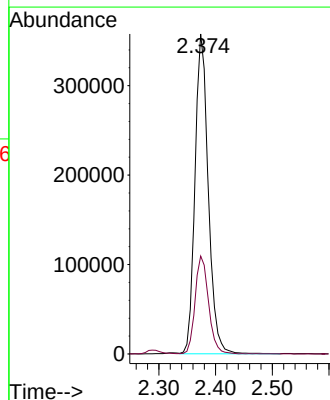
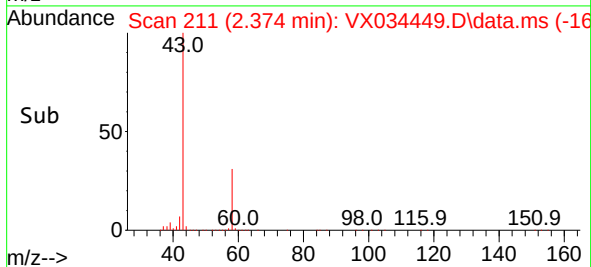
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

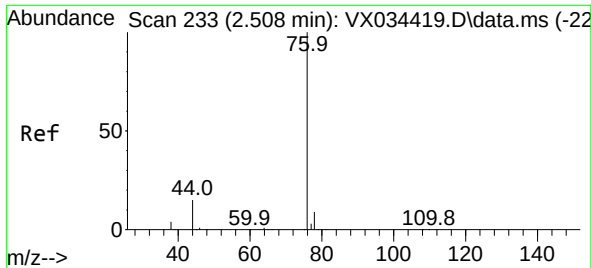


#16
Acetone
Concen: 264.345 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54



Tgt Ion: 43 Resp: 580228
Ion Ratio Lower Upper
43 100
58 30.6 24.7 37.1





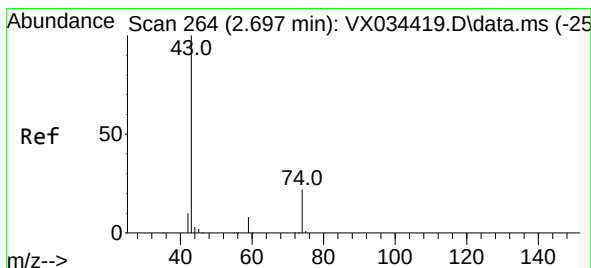
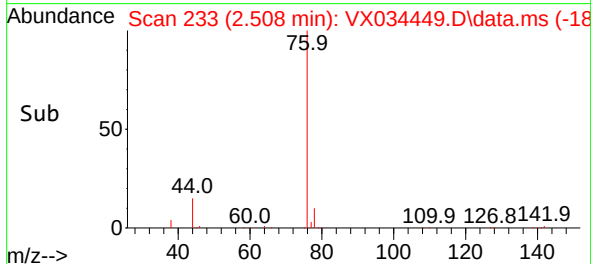
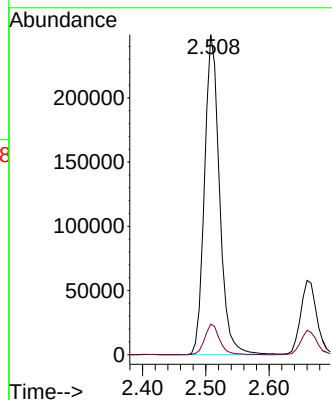
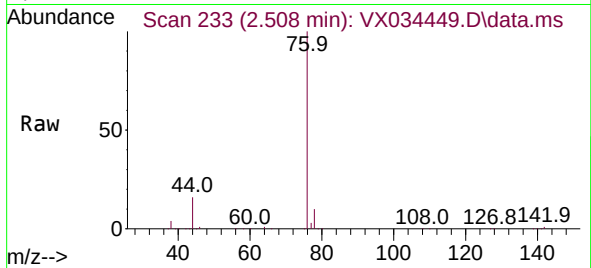
#17
Carbon Disulfide
Concen: 41.802 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 412489
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

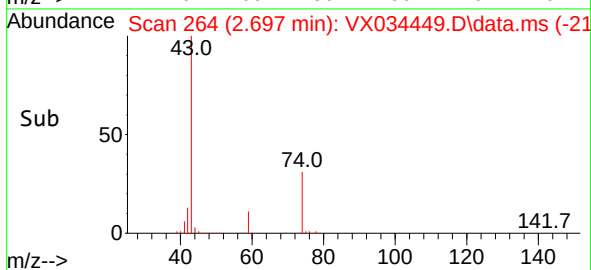
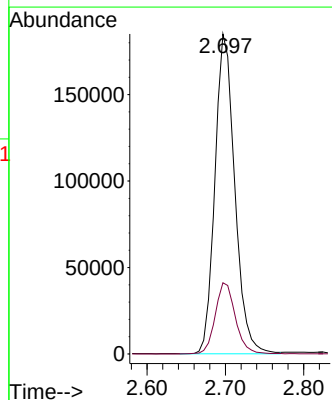
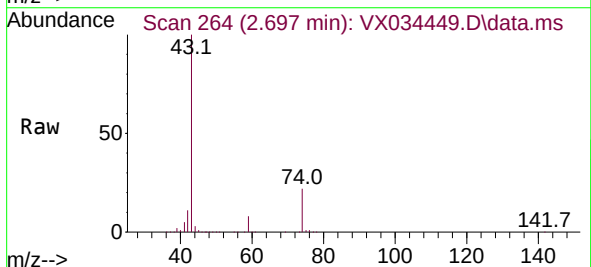
Manual Integrations
APPROVED

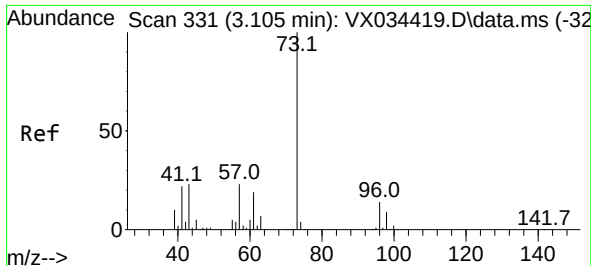
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#18
Methyl Acetate
Concen: 45.493 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Tgt Ion: 43 Resp: 326275
Ion Ratio Lower Upper
43 100
74 22.8 18.3 27.5





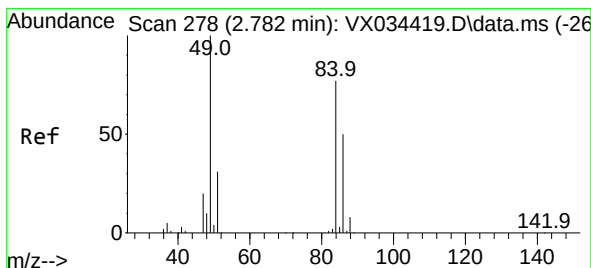
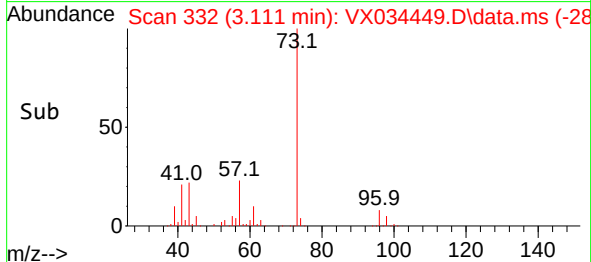
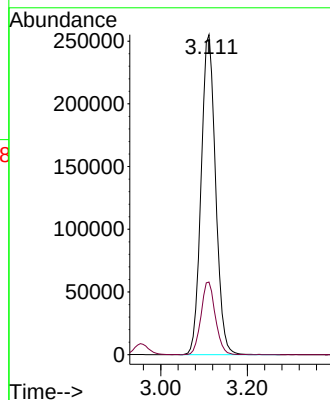
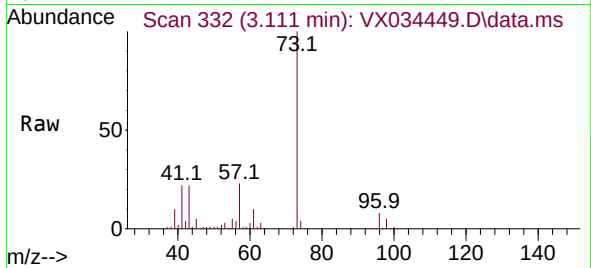
#19
Methyl tert-butyl Ether
Concen: 47.025 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 590384
Ion Ratio Lower Upper
73 100
57 22.7 18.5 27.7

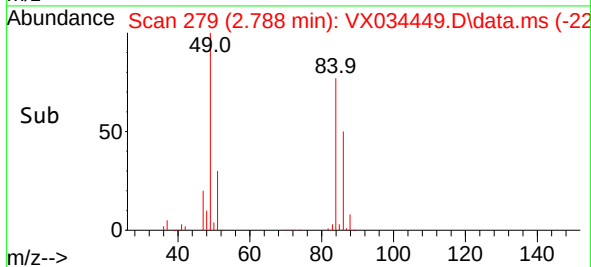
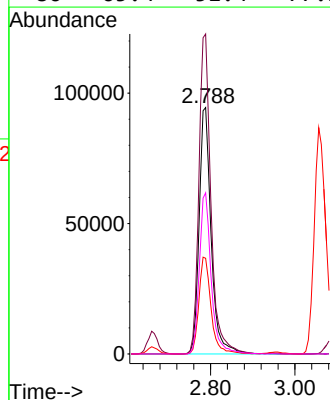
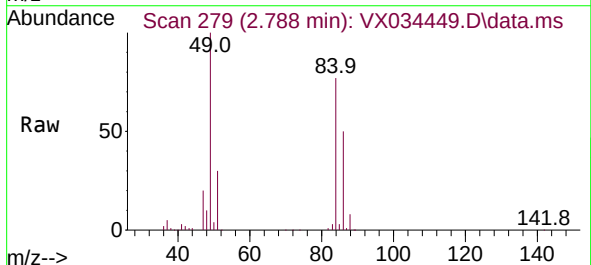
Manual Integrations
APPROVED

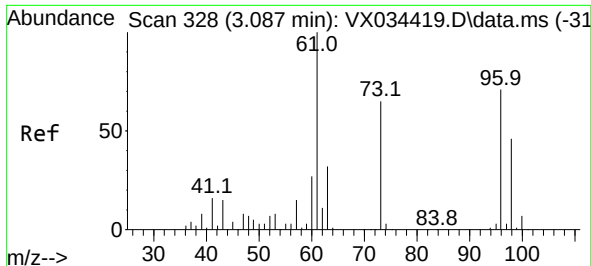
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#20
Methylene Chloride
Concen: 44.043 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

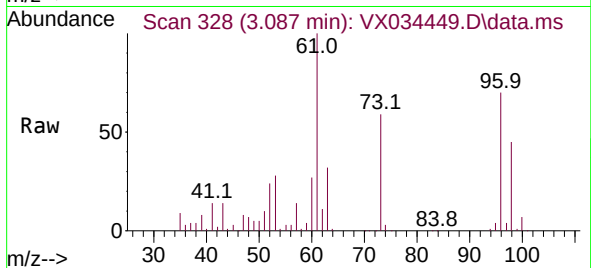
Tgt Ion: 84 Resp: 187621
Ion Ratio Lower Upper
84 100
49 129.8 103.8 155.8
51 38.8 31.8 47.8
86 65.4 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 47.339 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

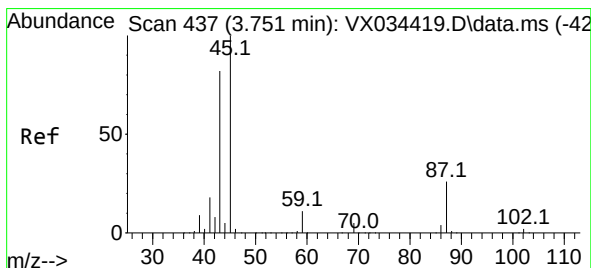
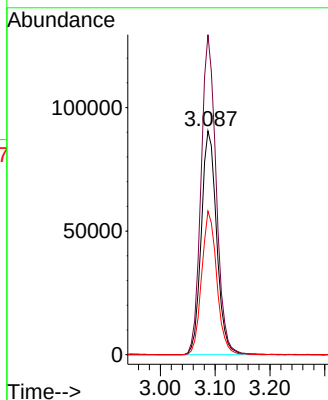
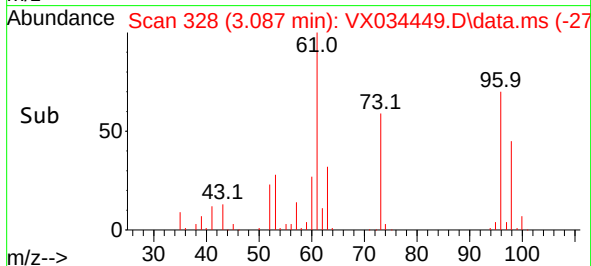
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



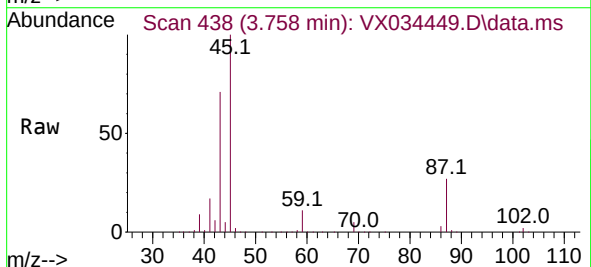
Tgt Ion: 96 Resp: 176283
Ion Ratio Lower Upper
96 100
61 143.0 113.0 169.6
98 64.1 52.1 78.1

Manual Integrations
APPROVED

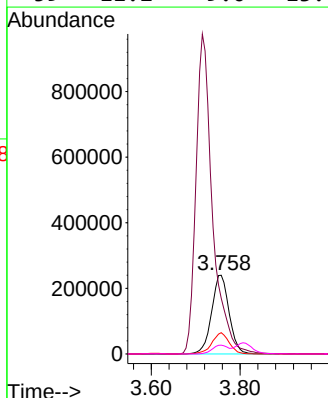
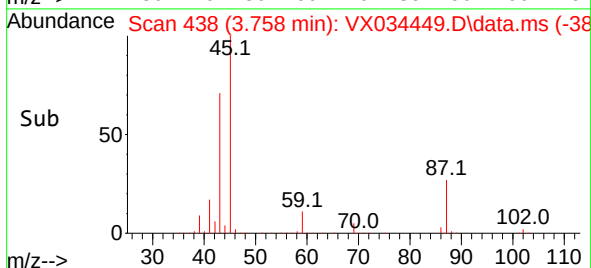
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

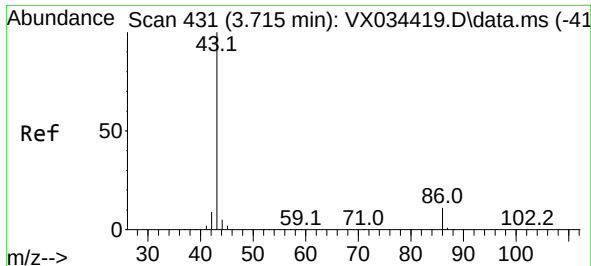


#22
Diisopropyl ether
Concen: 48.198 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54



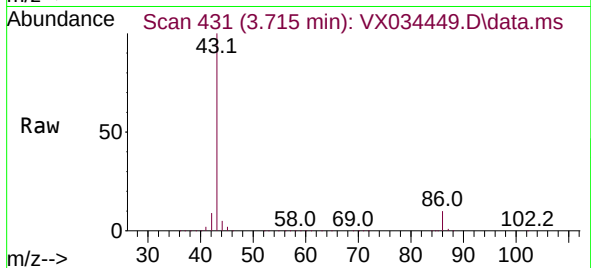
Tgt Ion: 45 Resp: 653261
Ion Ratio Lower Upper
45 100
43 70.8 65.4 98.2
87 27.1 20.6 31.0
59 11.2 9.0 13.6





#23
 Vinyl Acetate
 Concen: 244.359 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX034449.D
 Acq: 14 Mar 2023 08:54

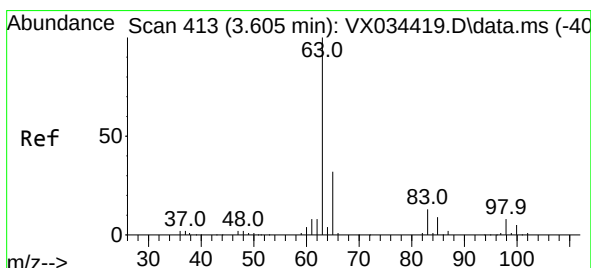
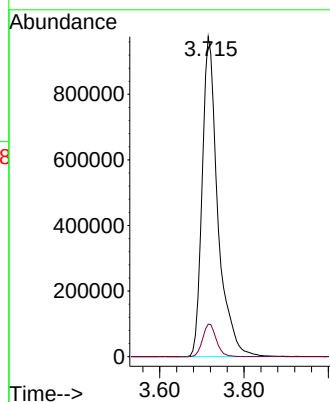
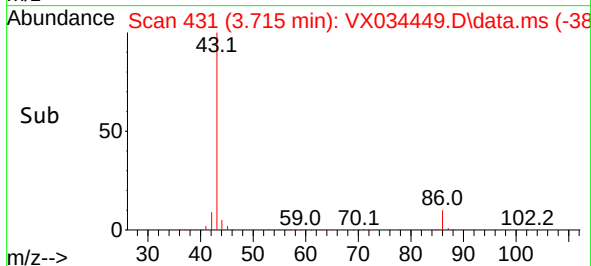
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



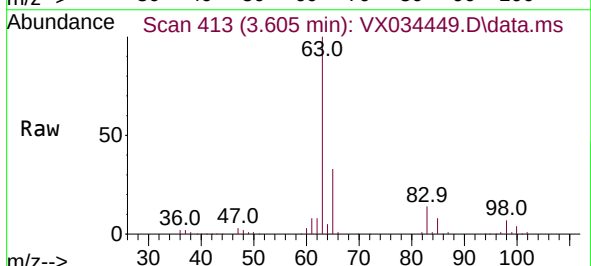
Tgt Ion: 43 Resp: 2520620
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

Manual Integrations
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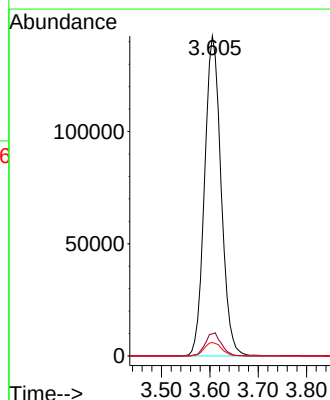
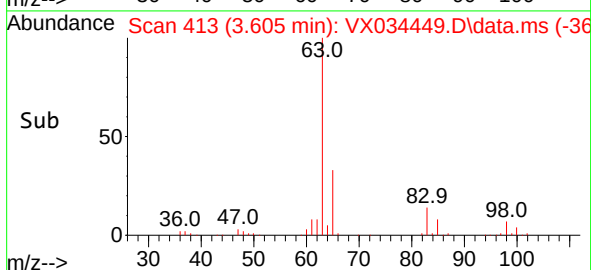
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

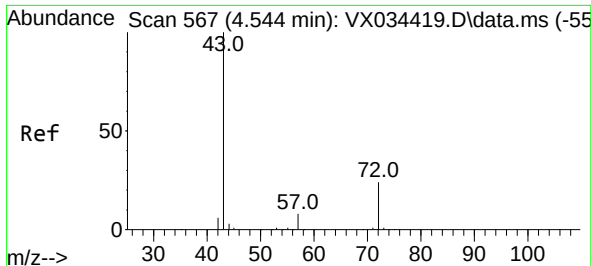


#24
 1,1-Dichloroethane
 Concen: 46.345 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034449.D
 Acq: 14 Mar 2023 08:54



Tgt Ion: 63 Resp: 337662
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.2 2.4 7.1





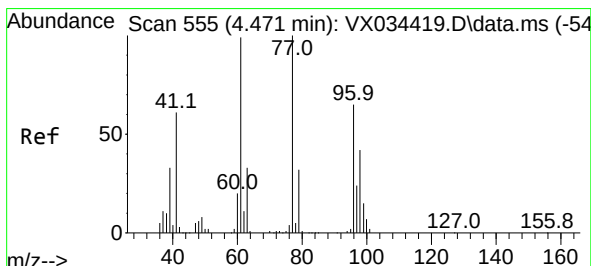
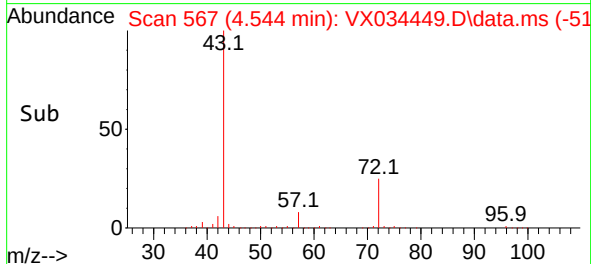
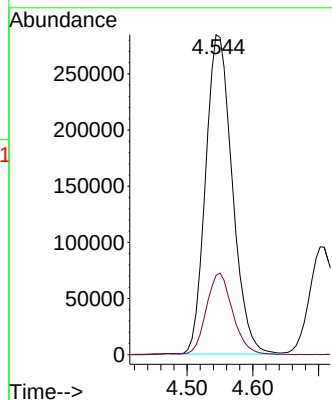
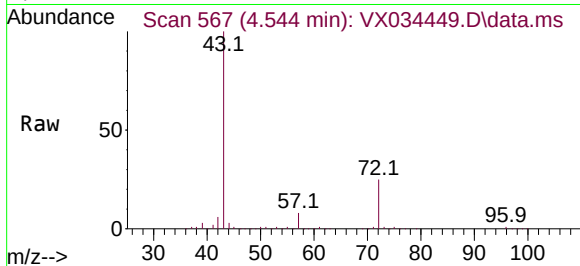
#25
2-Butanone
Concen: 255.256 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 801679
Ion Ratio Lower Upper
43 100
72 24.6 19.3 28.9

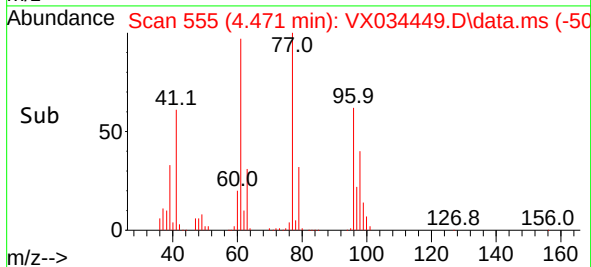
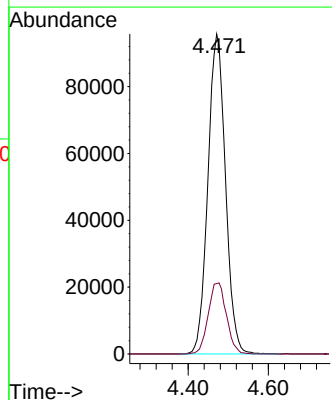
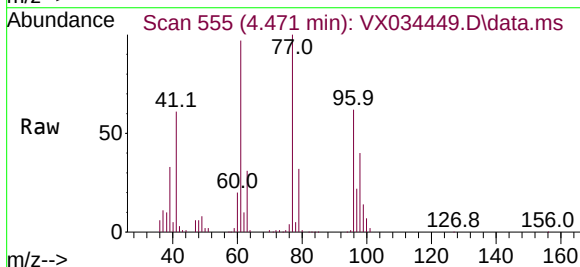
Manual Integrations
APPROVED

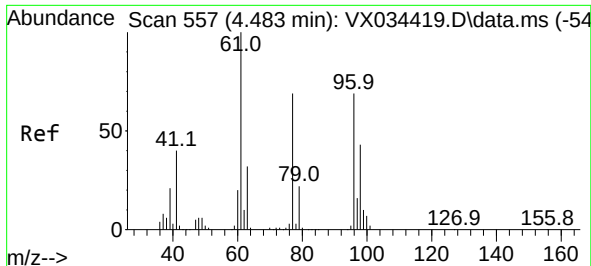
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#26
2,2-Dichloropropane
Concen: 45.991 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Tgt Ion: 77 Resp: 291269
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 46.681 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 209260

Ion Ratio Lower Upper

96 100

61 150.5 0.0 300.4

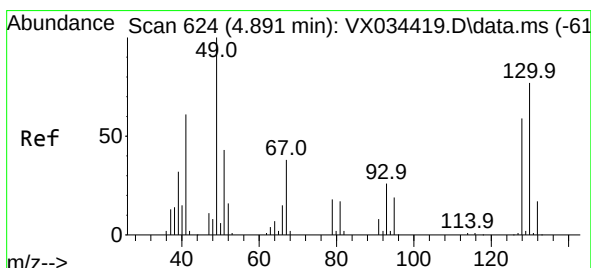
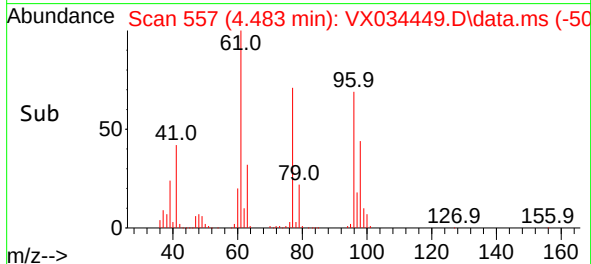
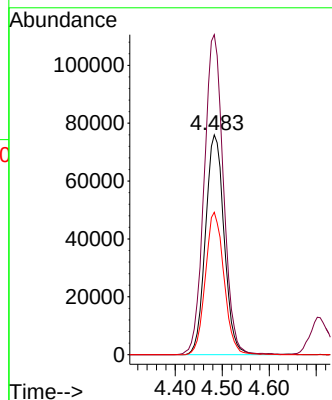
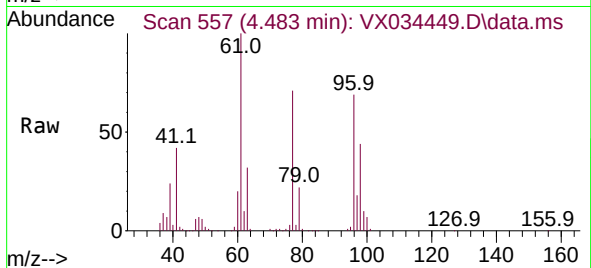
98 64.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#28

Bromochloromethane

Concen: 50.861 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

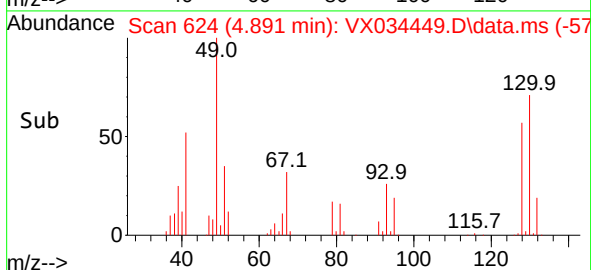
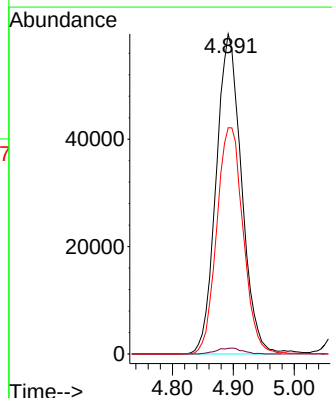
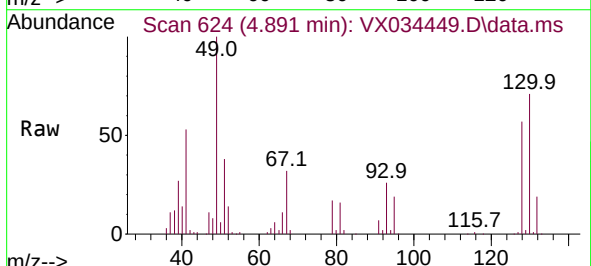
Tgt Ion: 49 Resp: 172301

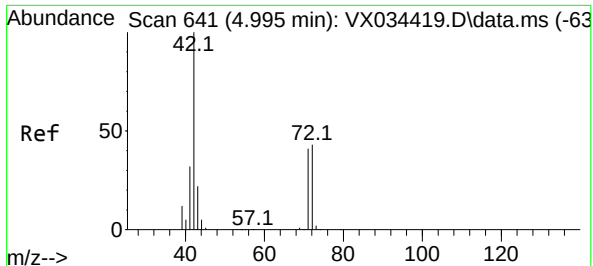
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 73.8 58.2 87.2





#29

Tetrahydrofuran

Concen: 239.109 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 463390

Ion Ratio Lower Upper

42 100

72 42.7 34.5 51.7

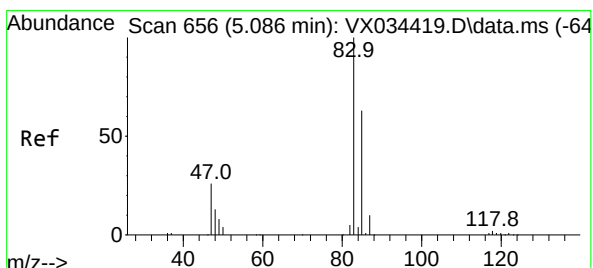
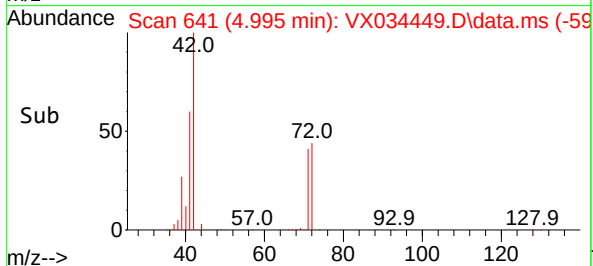
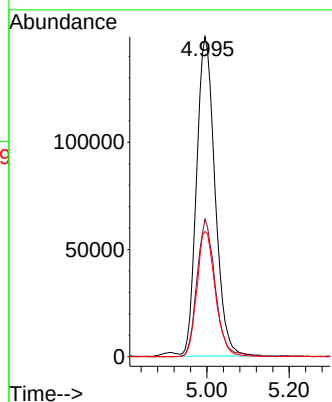
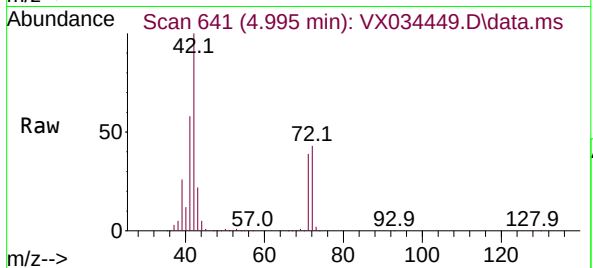
71 39.4 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#30

Chloroform

Concen: 48.618 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX034449.D

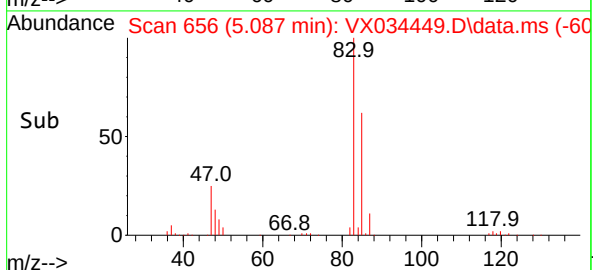
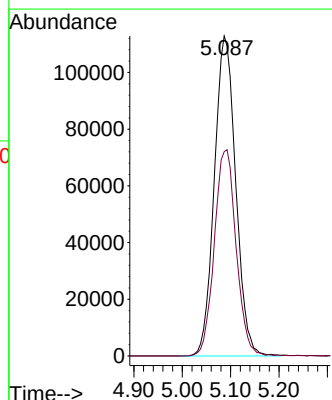
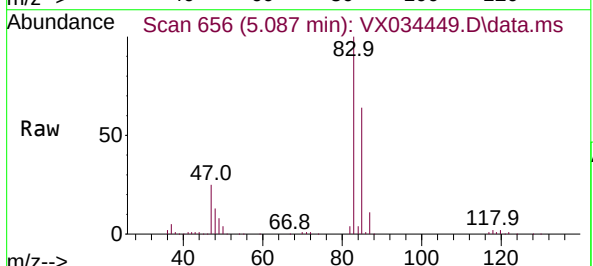
Acq: 14 Mar 2023 08:54

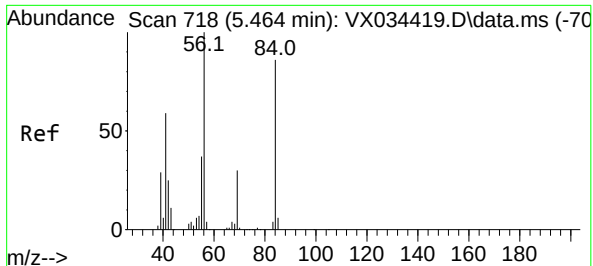
Tgt Ion: 83 Resp: 347220

Ion Ratio Lower Upper

83 100

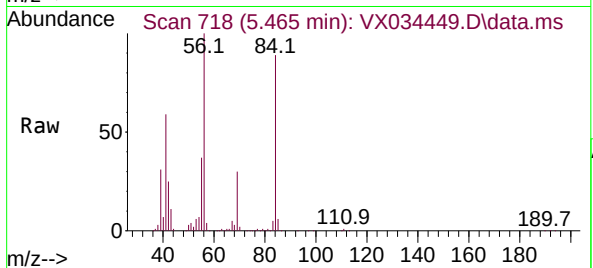
85 63.9 50.6 76.0





#31
Cyclohexane
Concen: 45.899 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

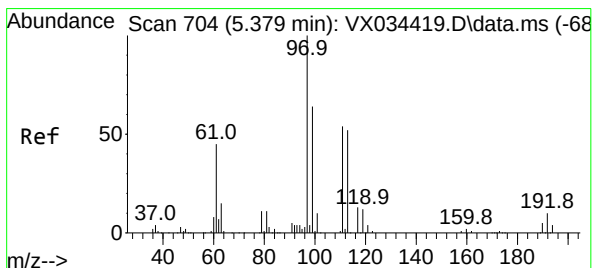
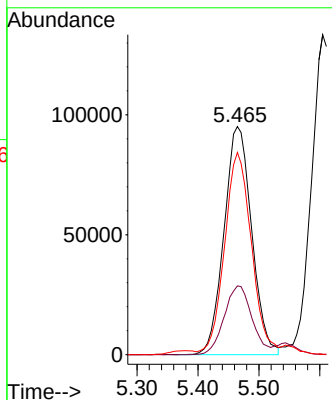
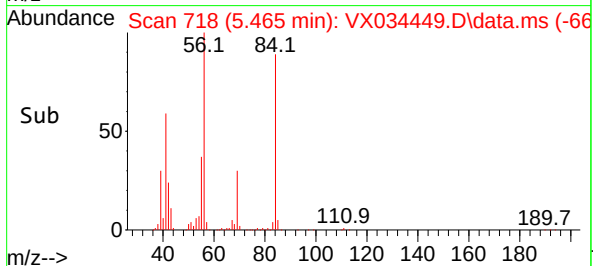
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 29995
Ion Ratio Lower Upper
56 100
69 30.2 23.7 35.5
84 87.0 68.5 102.7

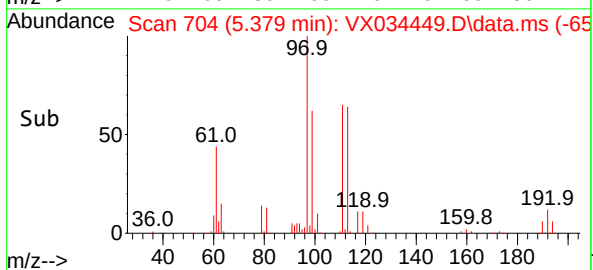
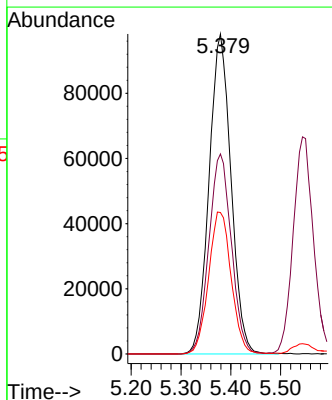
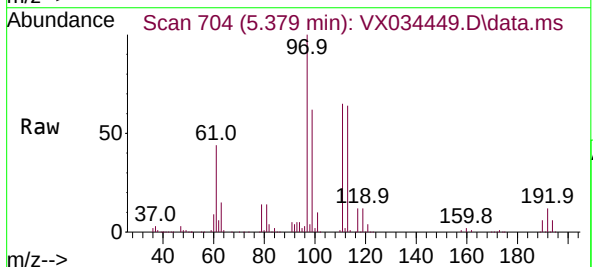
Manual Integrations
APPROVED

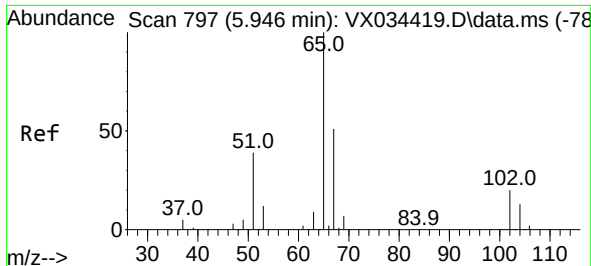
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#32
1,1,1-Trichloroethane
Concen: 47.357 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Tgt Ion: 97 Resp: 299412
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 45.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 50.174 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 233799

Ion Ratio Lower Upper

65 100

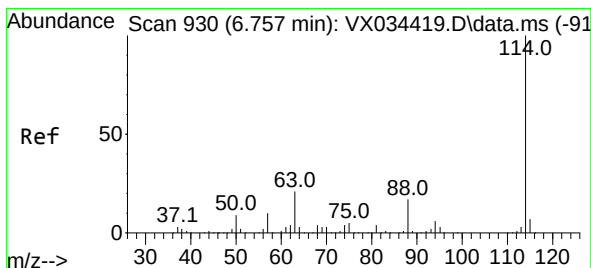
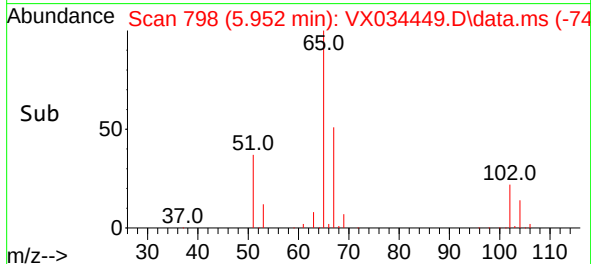
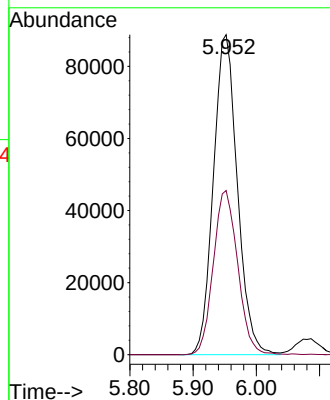
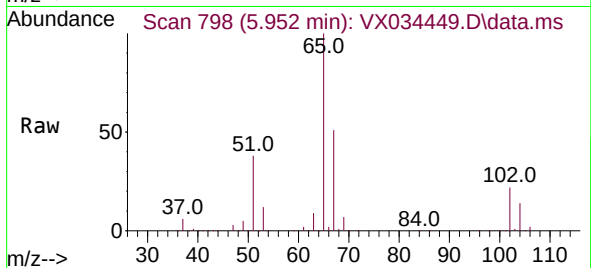
67 52.0 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

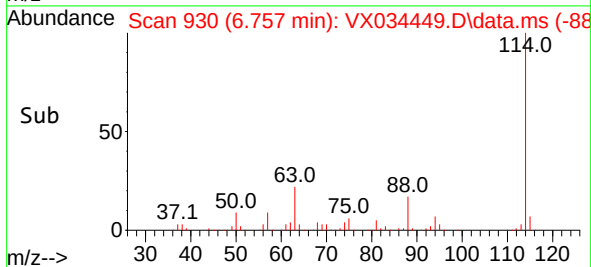
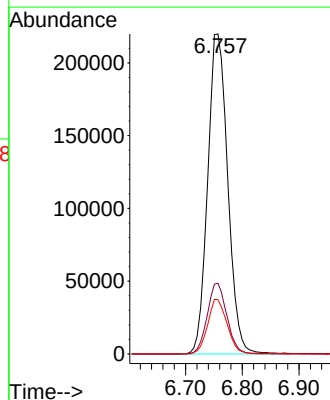
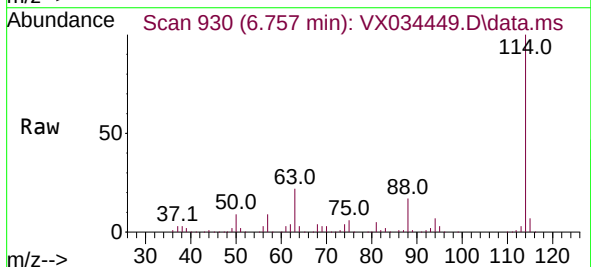
Tgt Ion:114 Resp: 541230

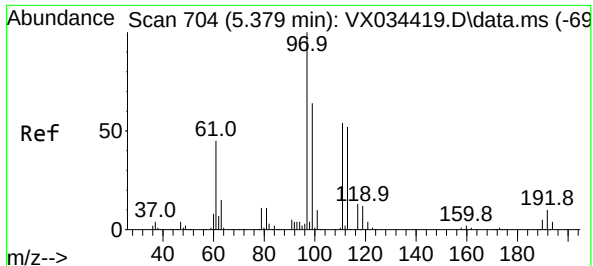
Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.2

88 16.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.965 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 18212

Ion Ratio Lower Upper

113 100

111 103.5 83.7 125.5

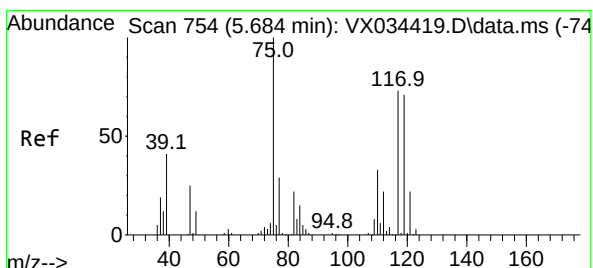
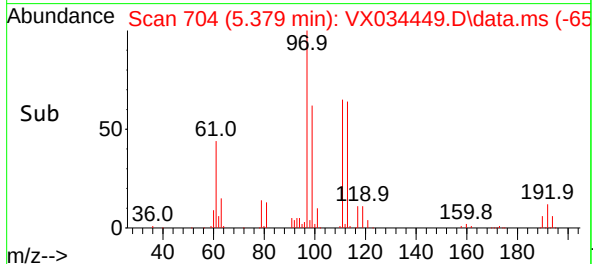
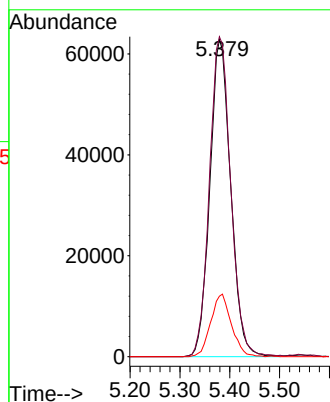
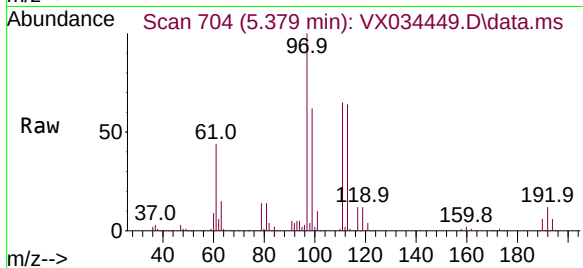
192 19.6 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#36

1,1-Dichloropropene

Concen: 46.301 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

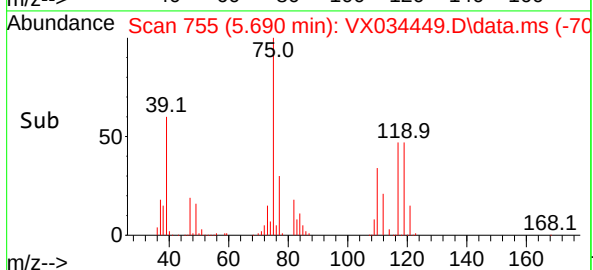
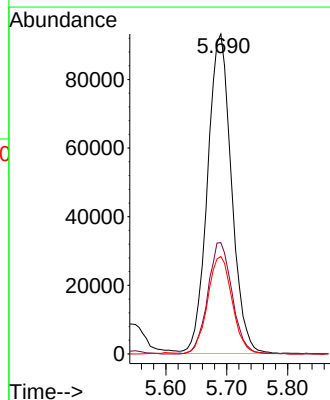
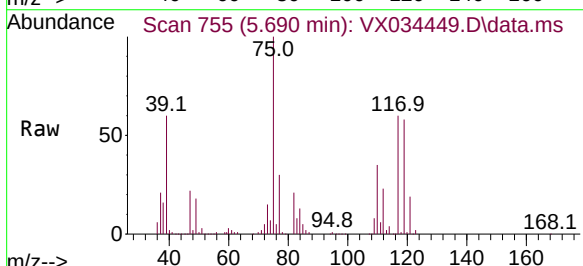
Tgt Ion: 75 Resp: 254129

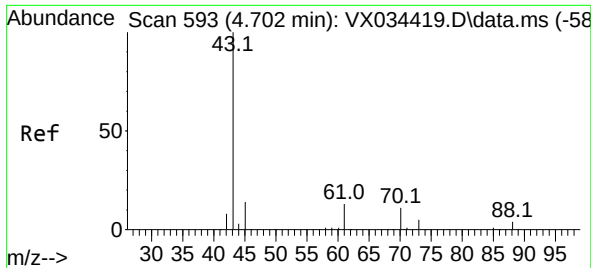
Ion Ratio Lower Upper

75 100

110 35.5 17.5 52.5

77 31.5 24.3 36.5





#37
Ethyl Acetate
Concen: 46.604 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

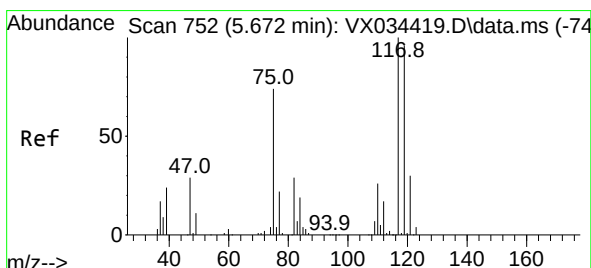
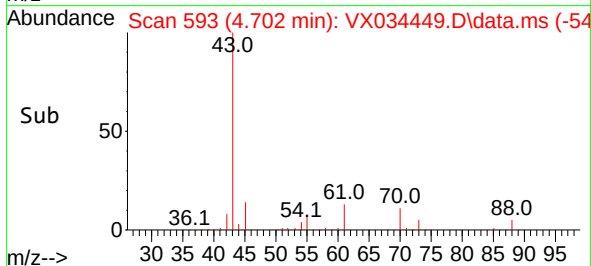
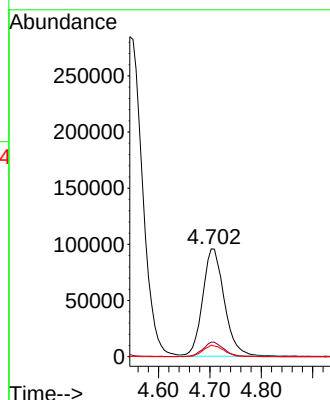
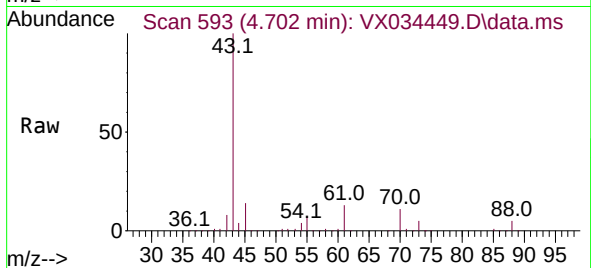
Tgt Ion: 43 Resp: 279440
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.4
70 10.4 8.2 12.4

Manual Integrations

APPROVED

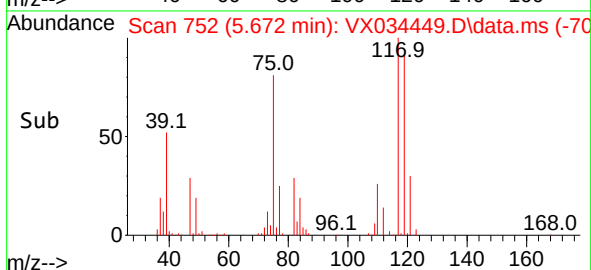
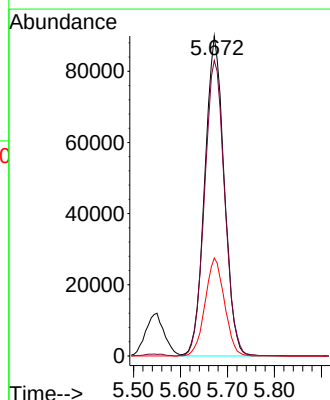
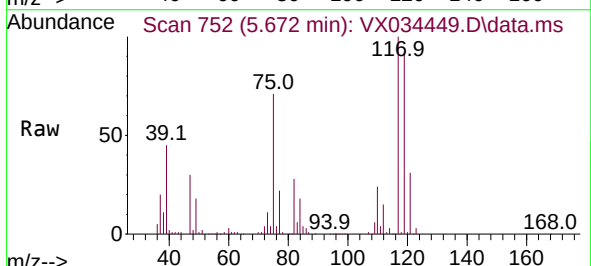
Reviewed By :John Carlone 03/15/2023

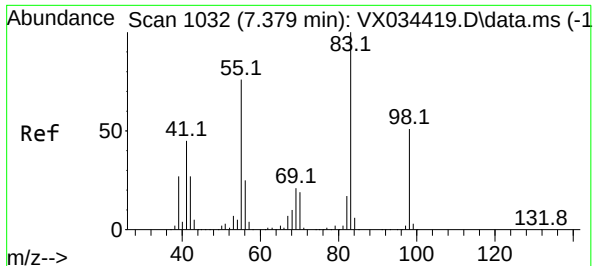
Supervised By :Mahesh Dadoda 03/15/2023



#38
Carbon Tetrachloride
Concen: 47.233 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Tgt Ion:117 Resp: 257902
Ion Ratio Lower Upper
117 100
119 92.2 76.6 114.8
121 30.6 23.8 35.6





#39

Methylcyclohexane

Concen: 46.578 ug/l

RT: 7.373 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 30594

Ion Ratio Lower Upper

83 100

55 79.7 60.5 90.7

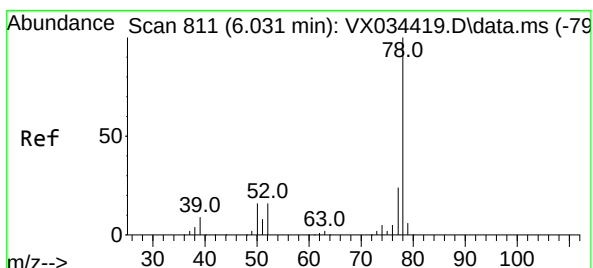
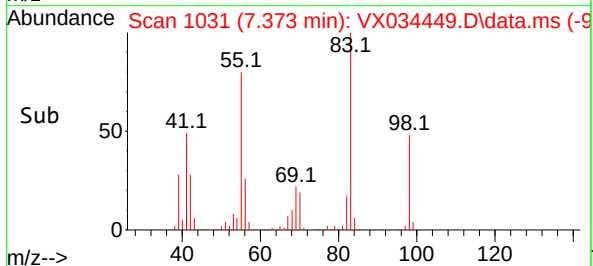
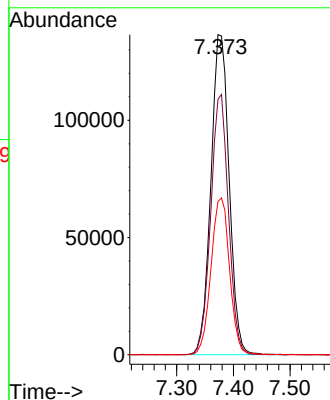
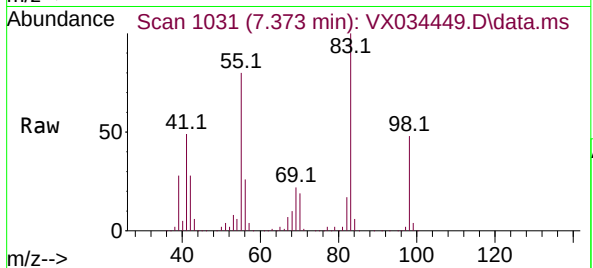
98 47.9 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#40

Benzene

Concen: 47.379 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX034449.D

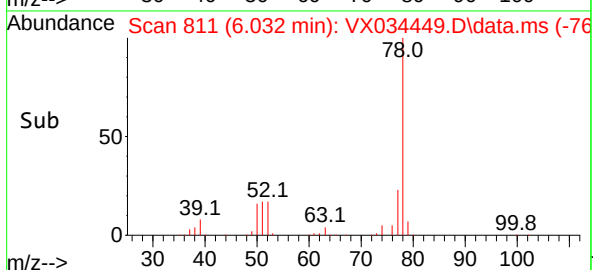
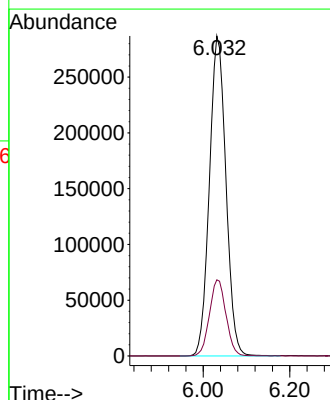
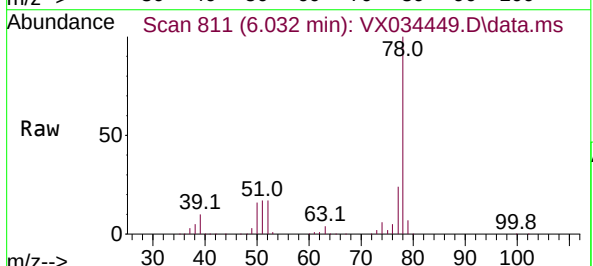
Acq: 14 Mar 2023 08:54

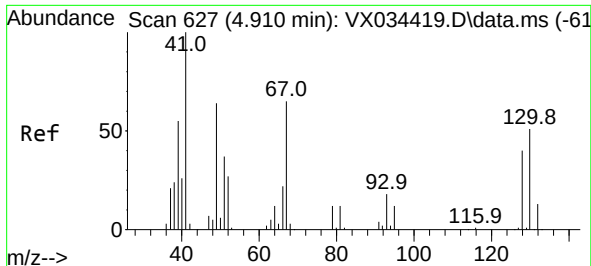
Tgt Ion: 78 Resp: 760730

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4





#41
Methacrylonitrile
Concen: 48.096 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Instrument :

MSVOA_X

ClientSampleId :

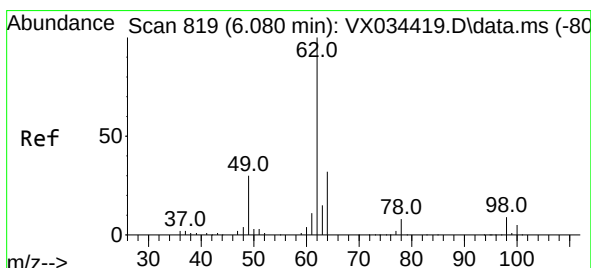
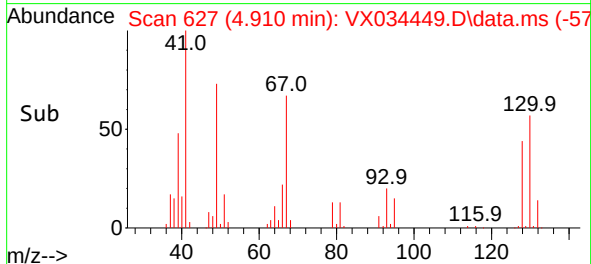
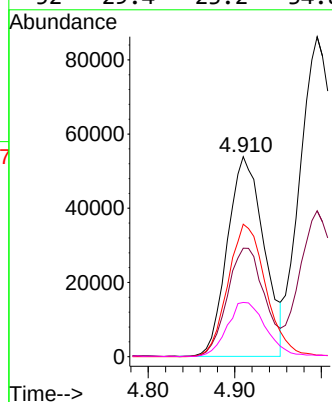
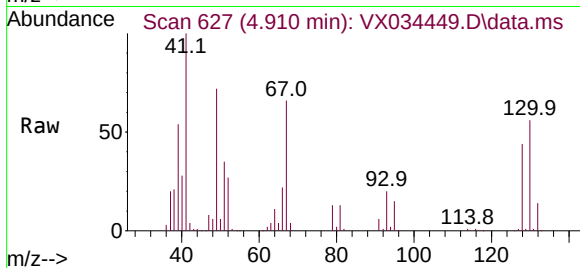
VSTDCCC050

Tgt Ion: 41 Resp: 158048
Ion Ratio Lower Upper
41 100
39 55.6 45.0 67.6
67 69.2 55.6 83.4
52 29.4 23.2 34.8

Manual Integrations

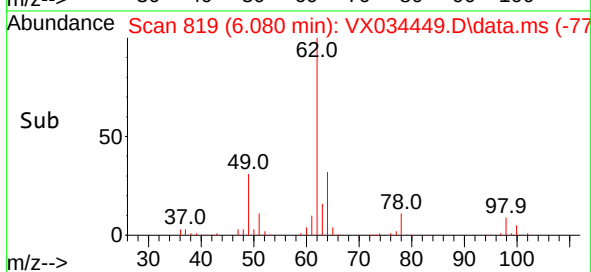
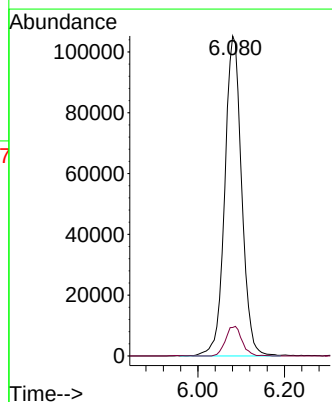
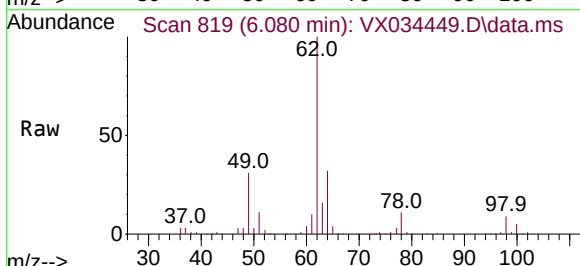
APPROVED

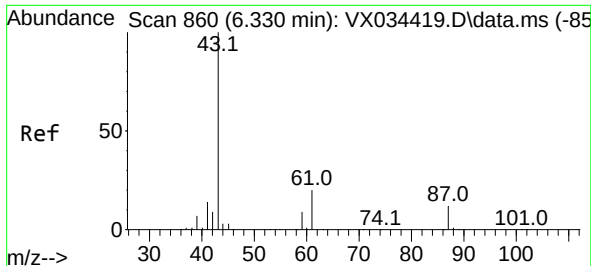
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#42
1,2-Dichloroethane
Concen: 48.508 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

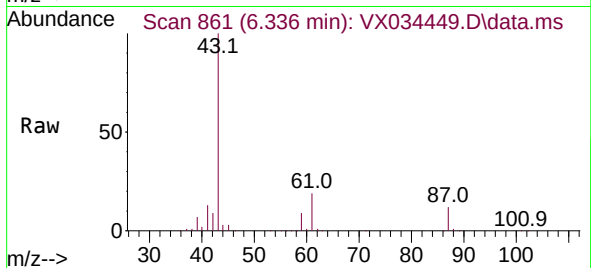
Tgt Ion: 62 Resp: 286243
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.0





#43
Isopropyl Acetate
Concen: 48.477 ug/l
RT: 6.336 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

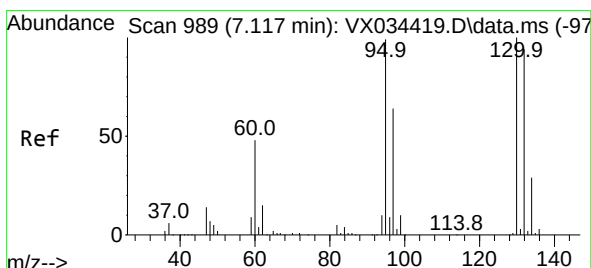
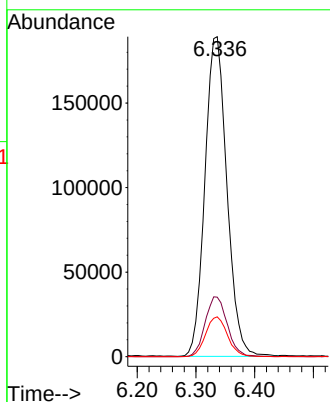
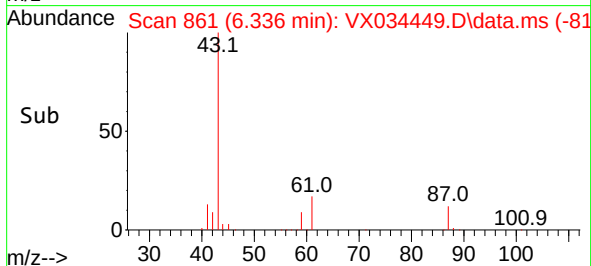
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 492419
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 12.4 9.8 14.8

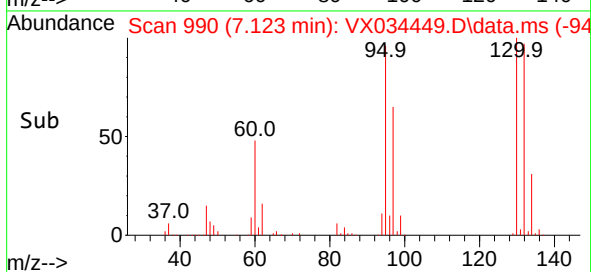
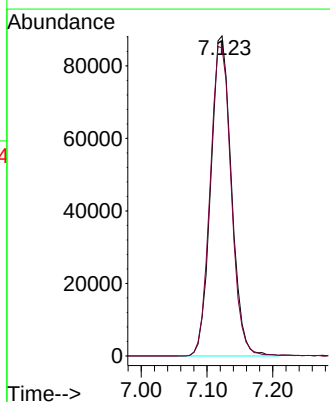
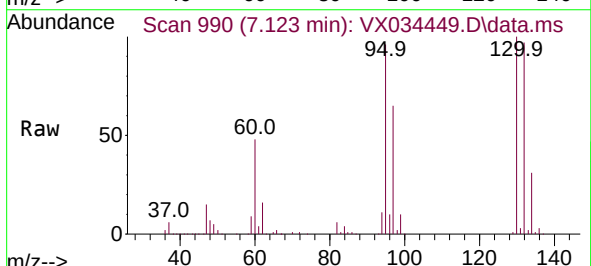
Manual Integrations
APPROVED

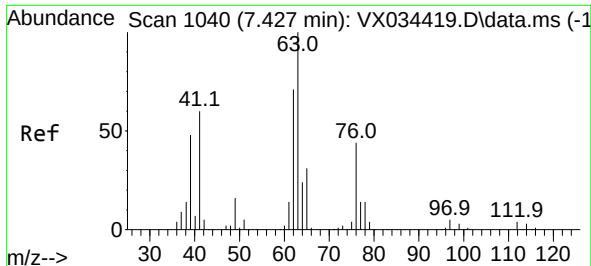
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#44
Trichloroethene
Concen: 46.287 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Tgt Ion:130 Resp: 193100
Ion Ratio Lower Upper
130 100
95 96.3 0.0 198.4





#45

1,2-Dichloropropane

Concen: 48.724 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 204270

Ion Ratio Lower Upper

63 100

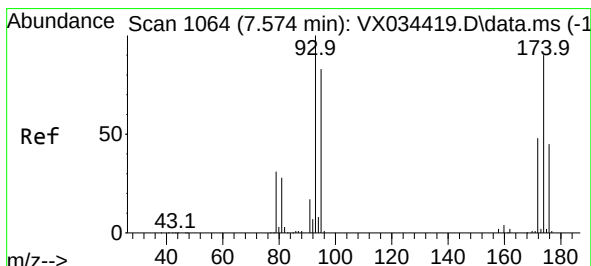
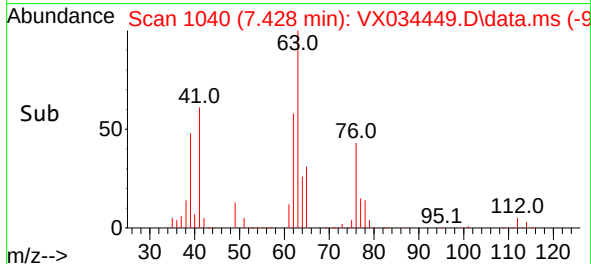
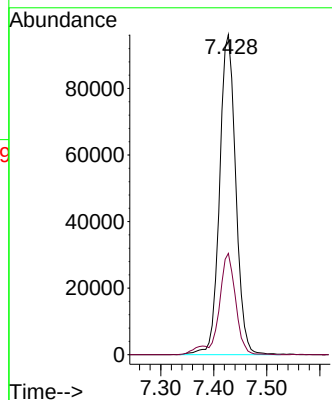
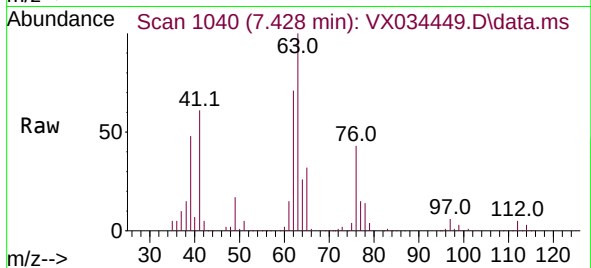
65 31.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#46

Dibromomethane

Concen: 48.443 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

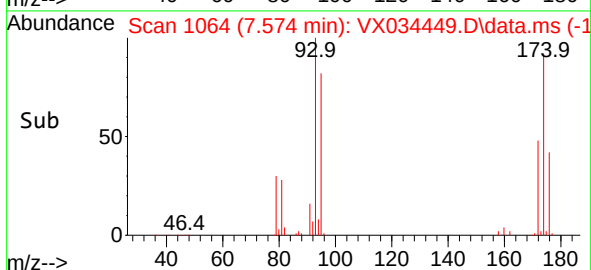
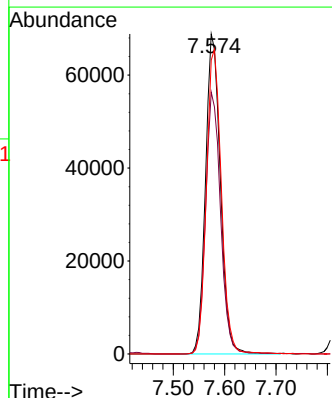
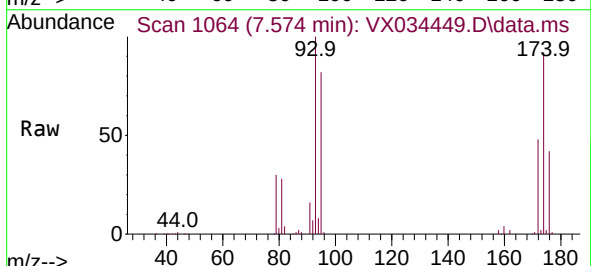
Tgt Ion: 93 Resp: 138071

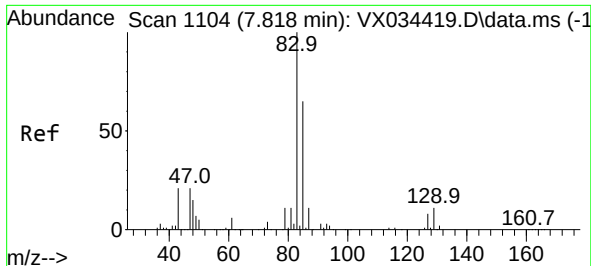
Ion Ratio Lower Upper

93 100

95 81.9 66.9 100.3

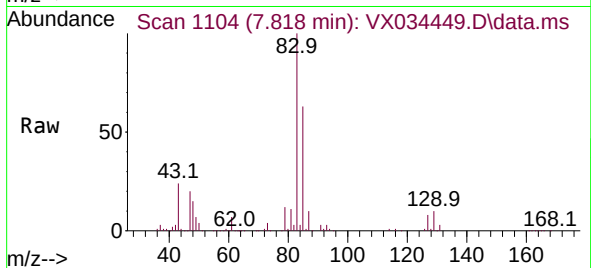
174 95.7 75.4 113.0





#47
Bromodichloromethane
Concen: 49.860 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

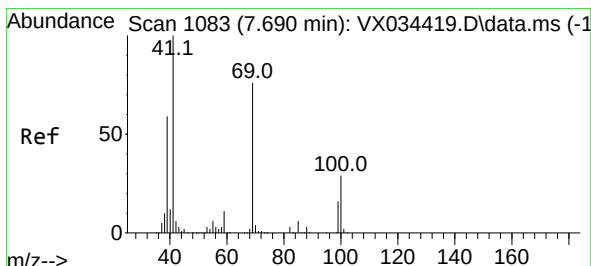
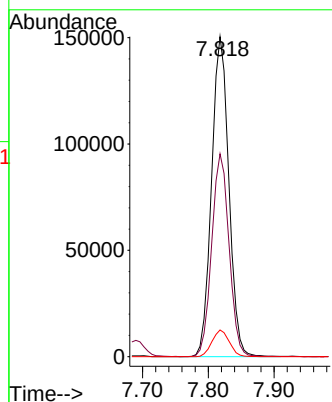
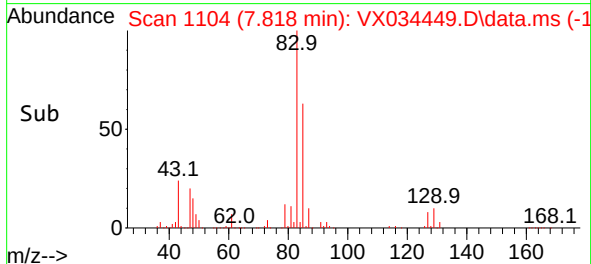
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 27503
Ion Ratio Lower Upper
83 100
85 63.4 52.2 78.4
127 8.3 6.6 9.8

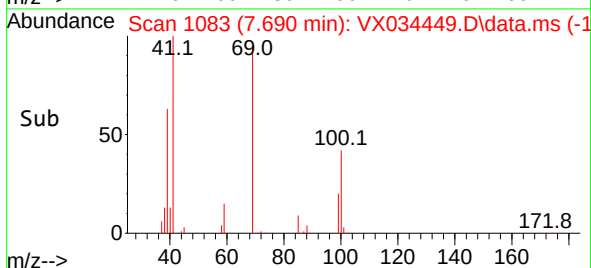
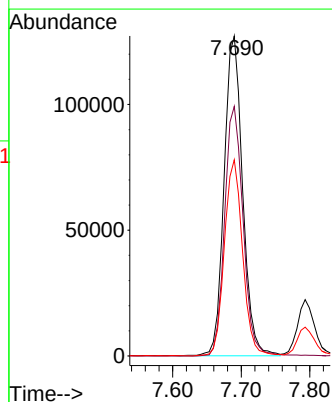
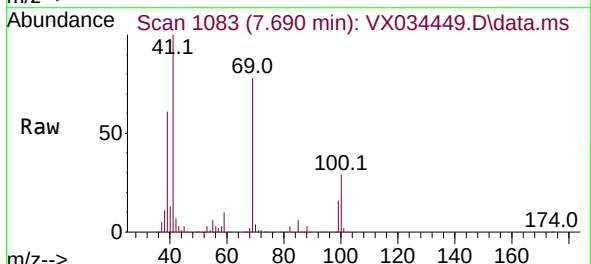
Manual Integrations
APPROVED

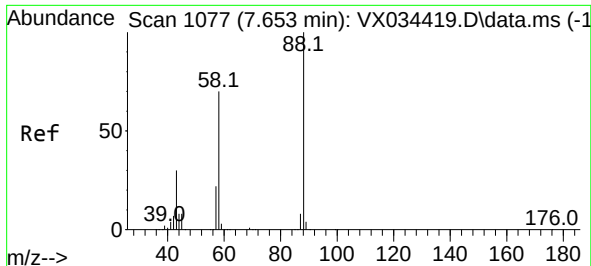
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#48
Methyl methacrylate
Concen: 48.647 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

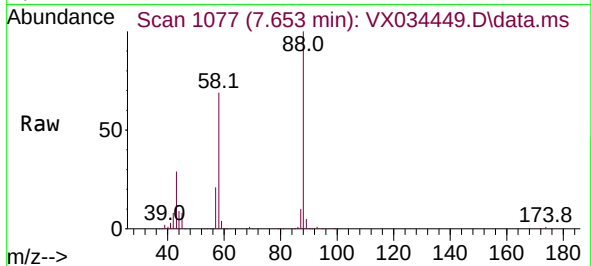
Tgt Ion: 41 Resp: 237658
Ion Ratio Lower Upper
41 100
69 78.1 62.2 93.4
39 60.6 47.7 71.5





#49
1,4-Dioxane
Concen: 954.666 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

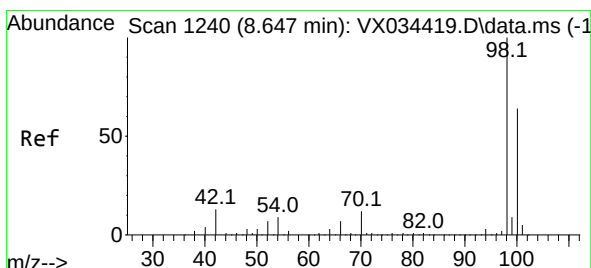
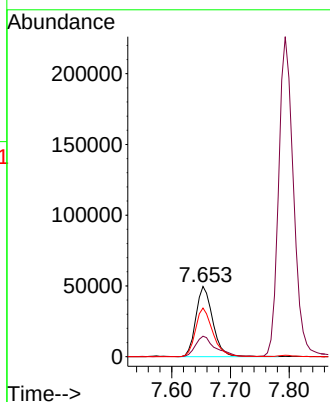
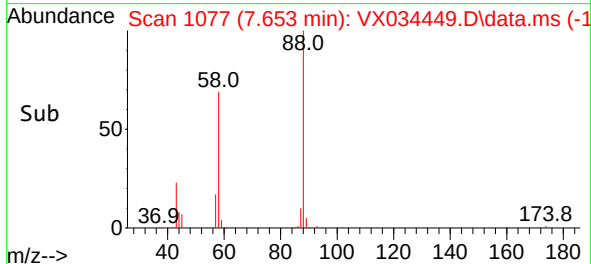
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 97960
Ion Ratio Lower Upper
88 100
43 34.0 27.7 41.5
58 71.6 56.8 85.2

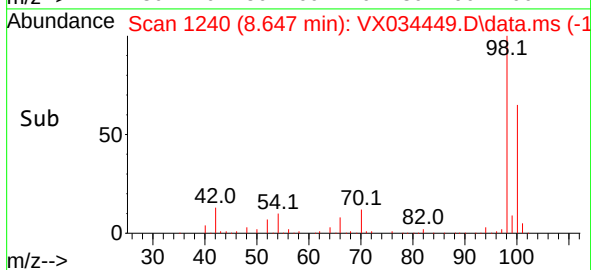
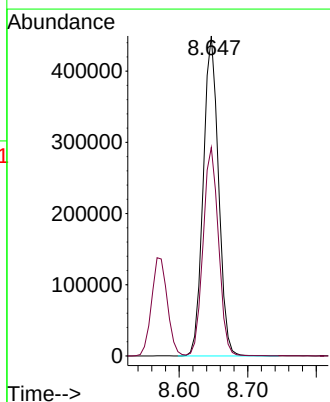
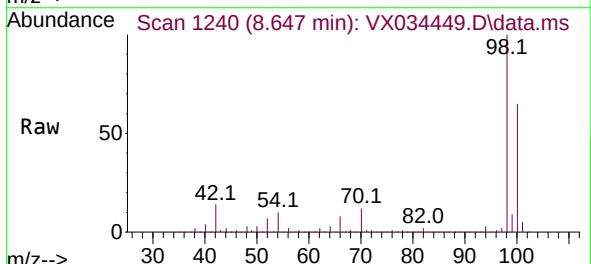
Manual Integrations
APPROVED

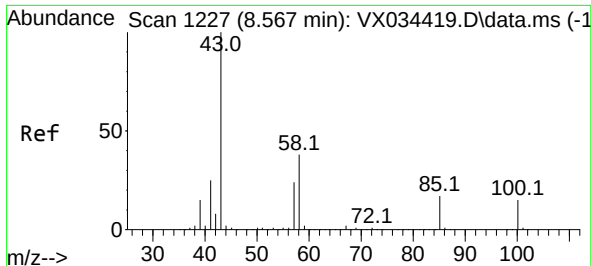
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#50
Toluene-d8
Concen: 52.265 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Tgt Ion: 98 Resp: 697213
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7





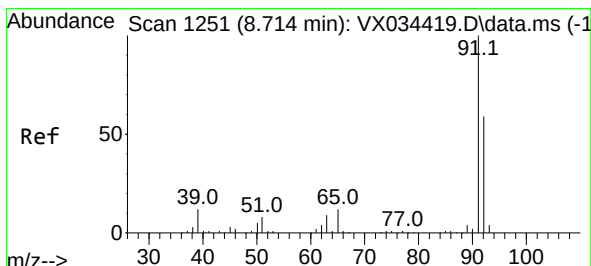
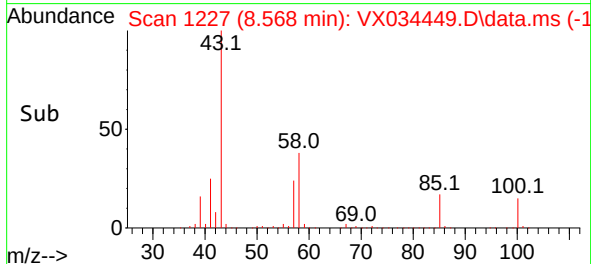
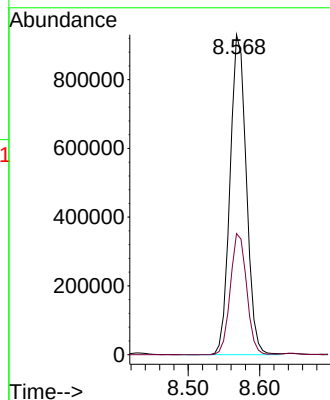
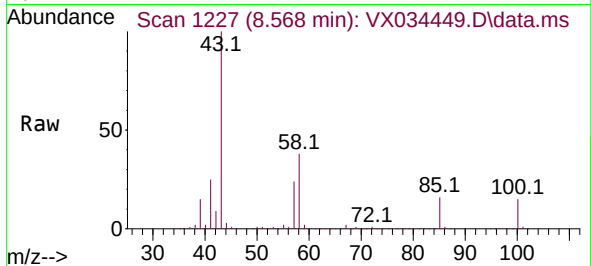
#51
4-Methyl-2-Pentanone
Concen: 249.629 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 147098
Ion Ratio Lower Upper
43 100
58 37.9 30.6 46.0

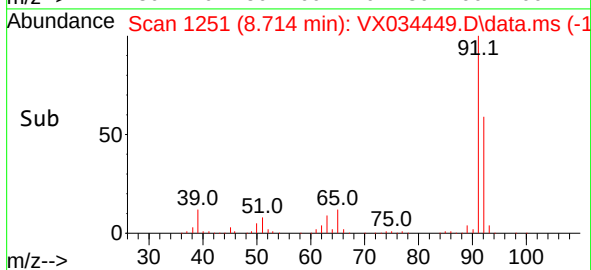
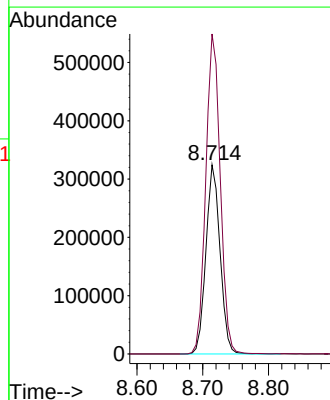
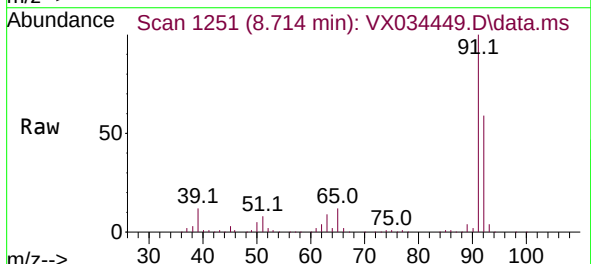
Manual Integrations
APPROVED

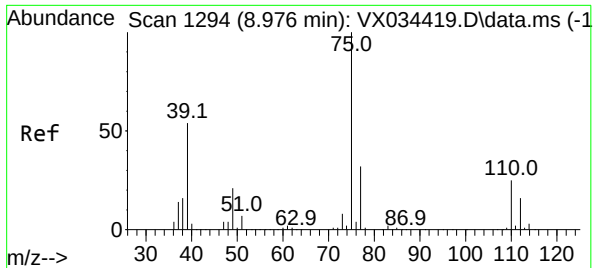
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#52
Toluene
Concen: 48.780 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

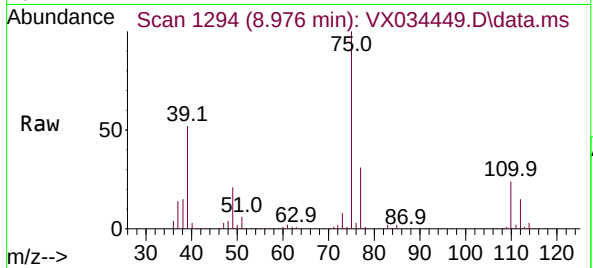
Tgt Ion: 92 Resp: 484903
Ion Ratio Lower Upper
92 100
91 173.4 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 51.649 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

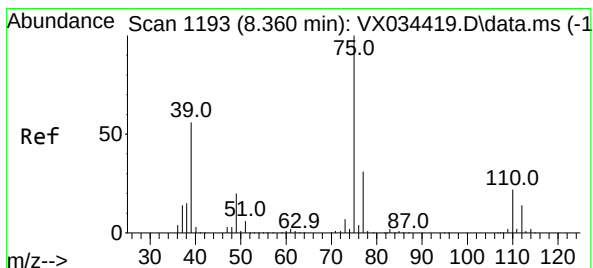
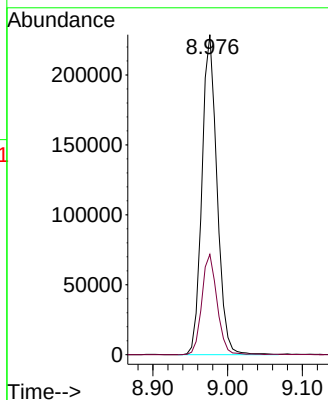
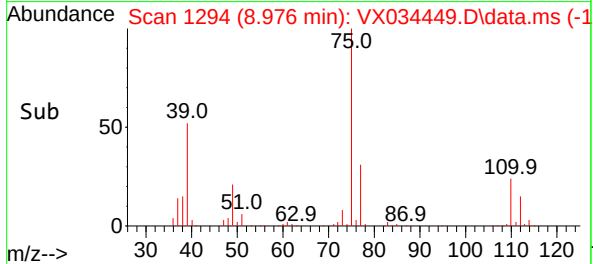
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



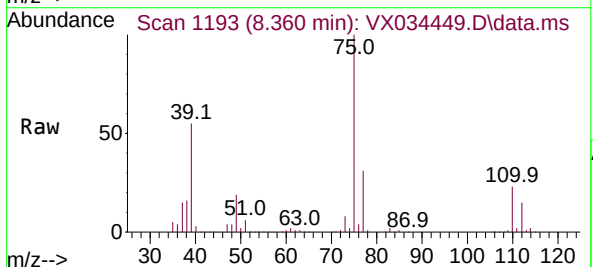
Tgt Ion: 75 Resp: 320970
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2

Manual Integrations
APPROVED

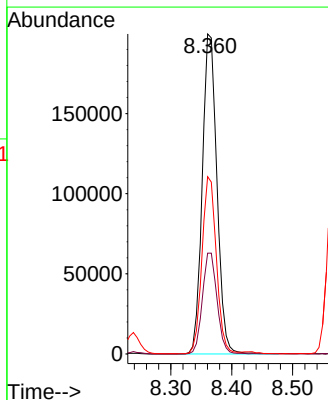
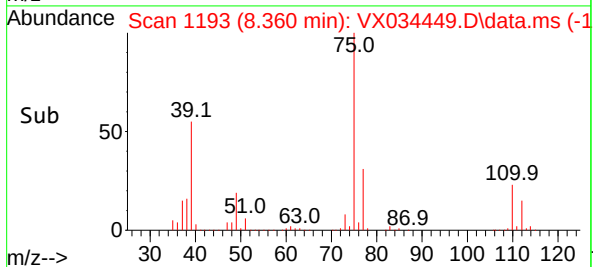
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

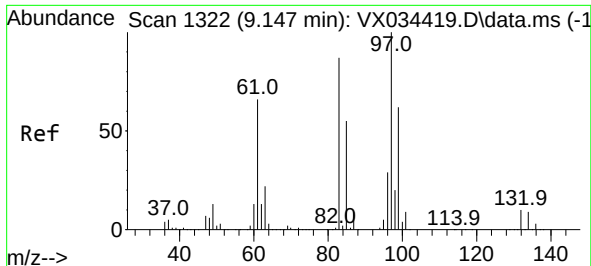


#54
cis-1,3-Dichloropropene
Concen: 49.750 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54



Tgt Ion: 75 Resp: 334492
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4
39 55.4 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 50.645 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 19979

Ion Ratio Lower Upper

97 100

83 88.2 69.7 104.5

85 55.6 43.7 65.5

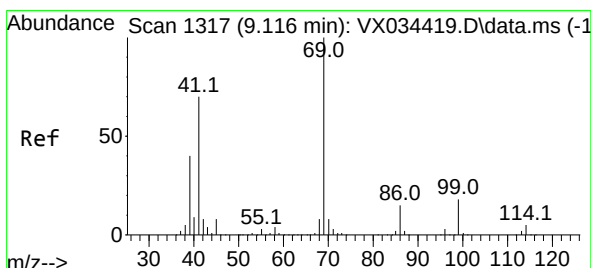
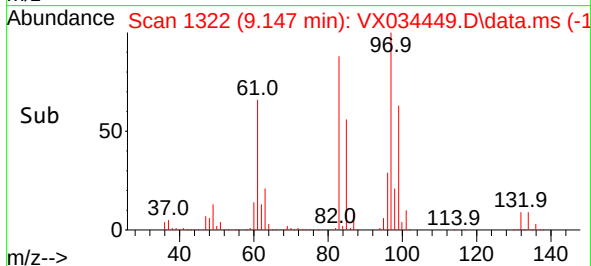
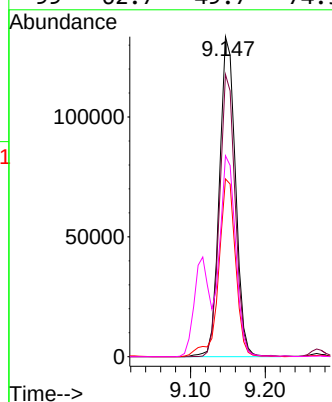
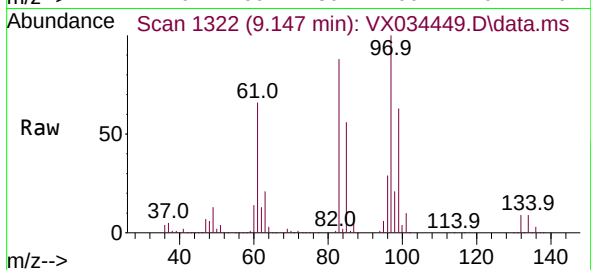
99 62.7 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#56

Ethyl methacrylate

Concen: 50.112 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

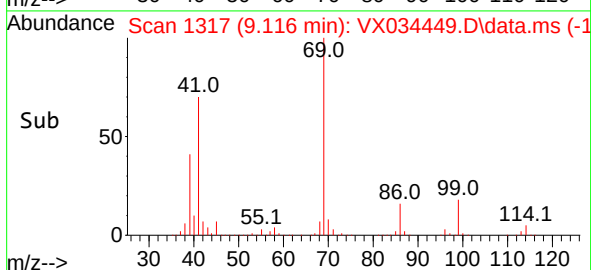
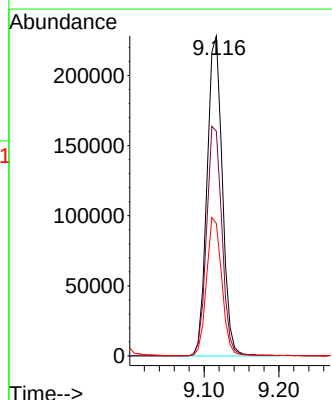
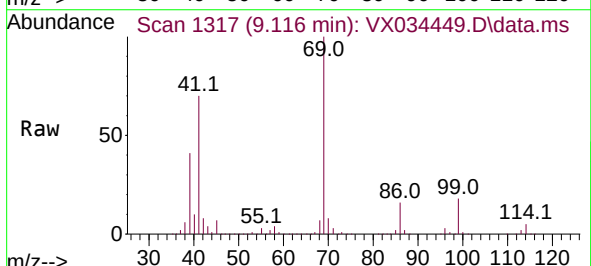
Tgt Ion: 69 Resp: 324592

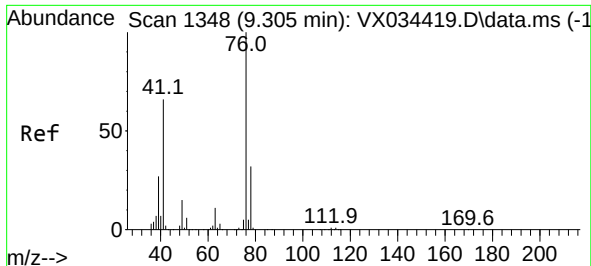
Ion Ratio Lower Upper

69 100

41 72.1 57.4 86.0

39 42.9 33.7 50.5





#57

1,3-Dichloropropane

Concen: 49.378 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 34621

Ion Ratio Lower Upper

76 100

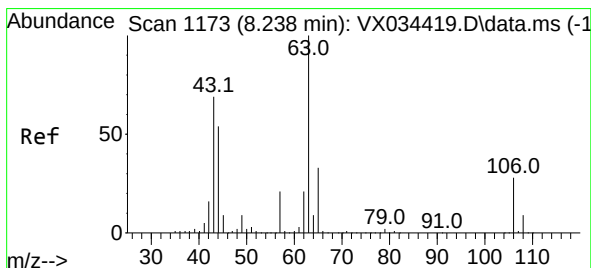
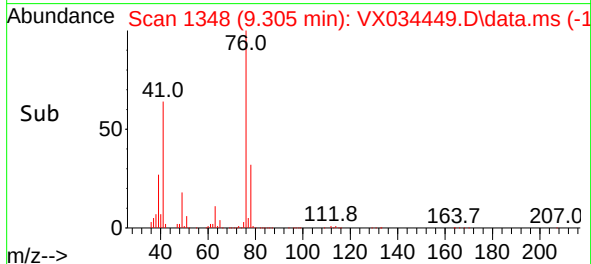
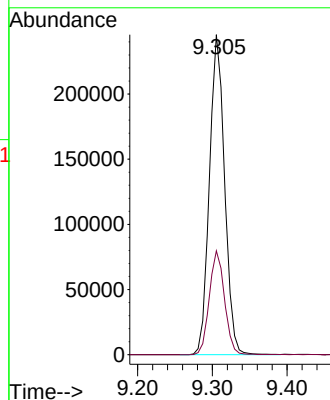
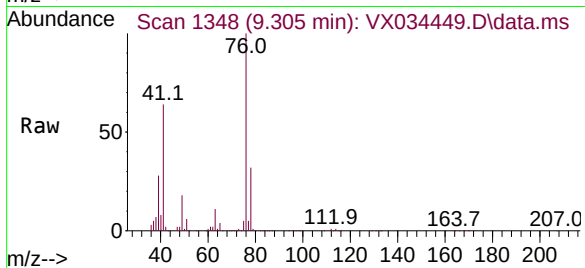
78 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 250.238 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034449.D

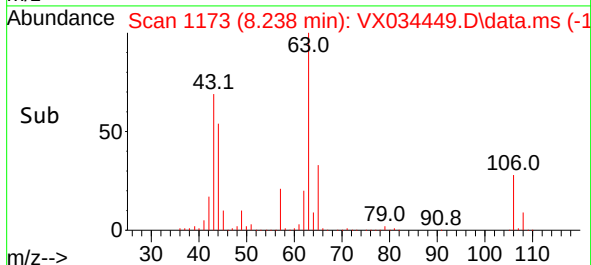
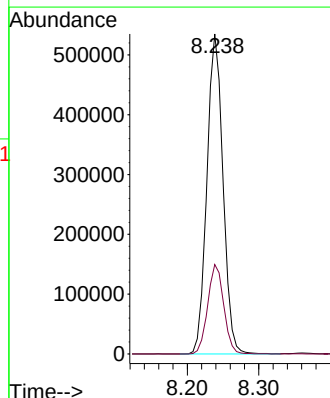
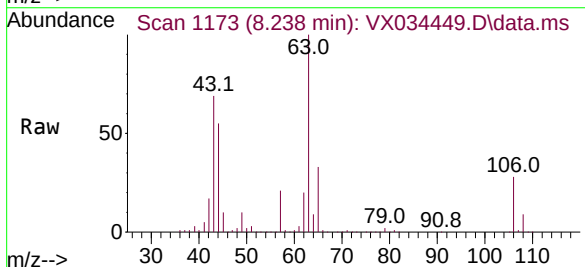
Acq: 14 Mar 2023 08:54

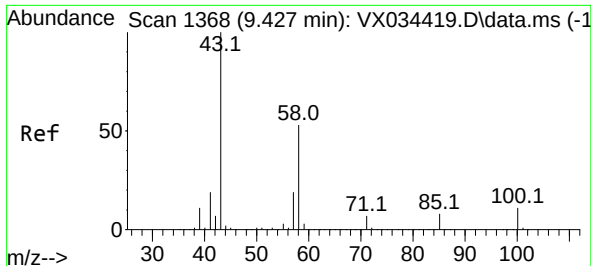
Tgt Ion: 63 Resp: 835329

Ion Ratio Lower Upper

63 100

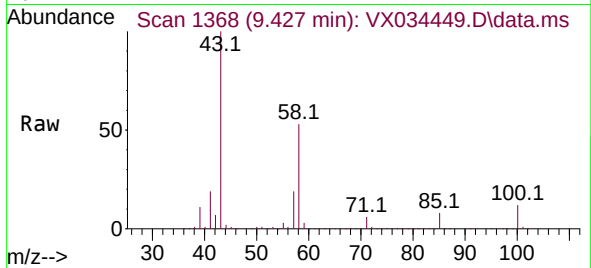
106 27.9 22.2 33.2





#59
2-Hexanone
Concen: 265.939 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

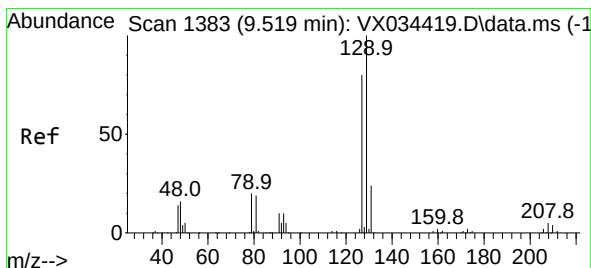
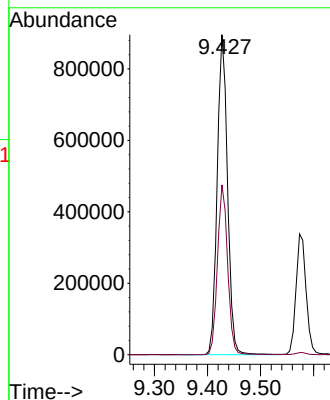
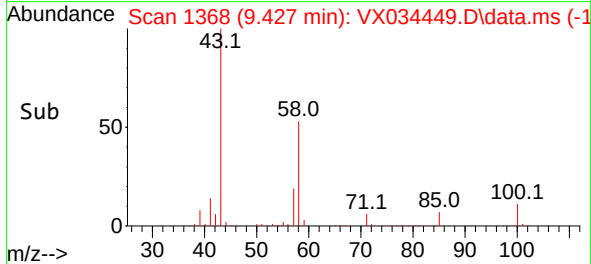
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



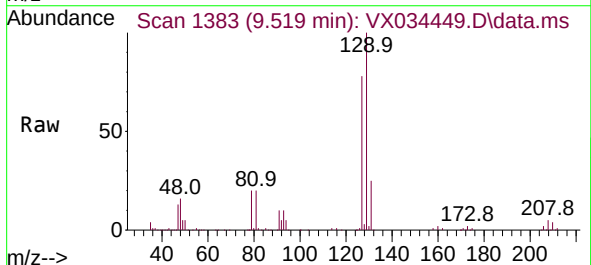
Tgt Ion: 43 Resp: 1211388
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.9

Manual Integrations
APPROVED

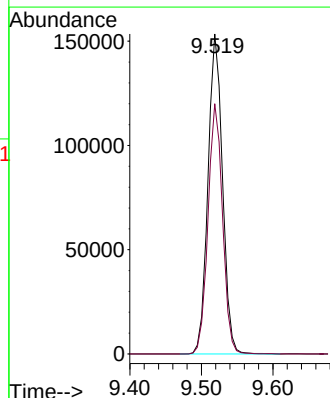
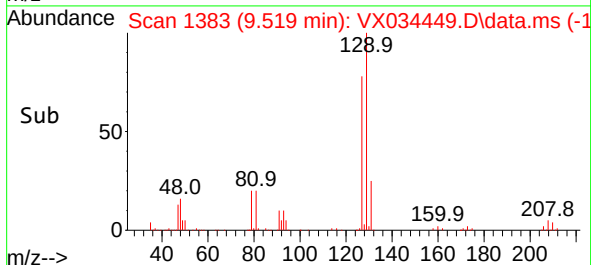
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

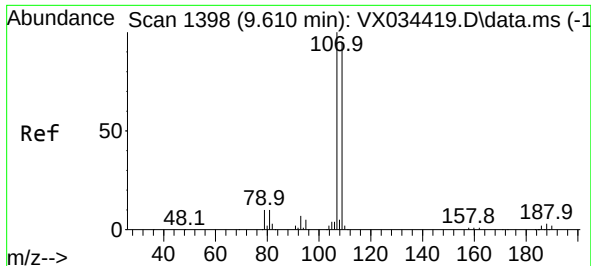


#60
Dibromochloromethane
Concen: 52.290 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54



Tgt Ion:129 Resp: 216353
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0





#61
1,2-Dibromoethane
Concen: 49.567 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

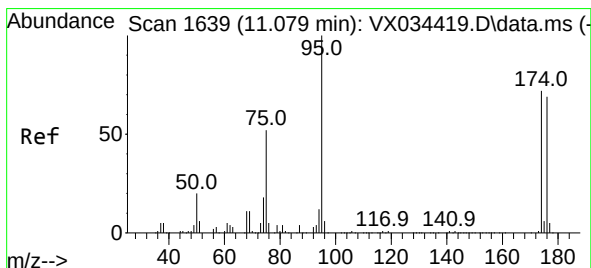
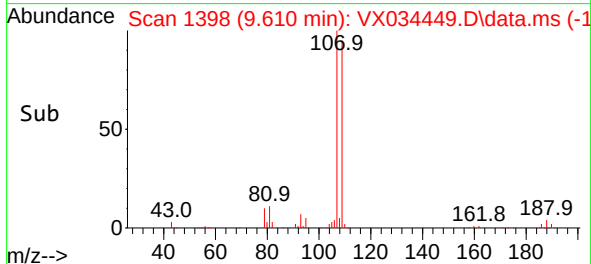
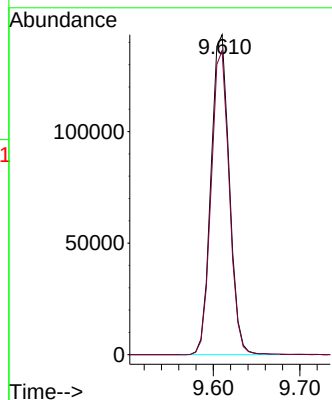
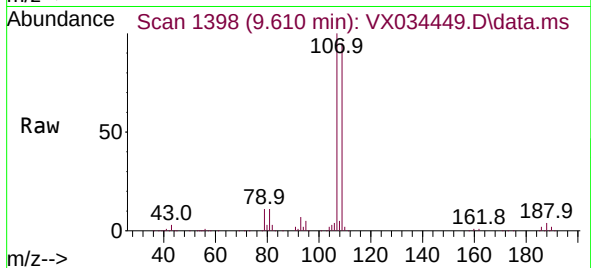
Tgt Ion:107 Resp: 21101
Ion Ratio Lower Upper
107 100
109 94.0 75.3 112.9

Manual Integrations

APPROVED

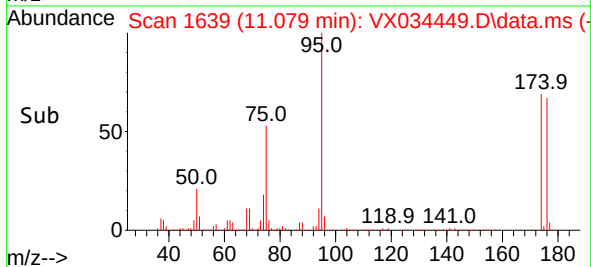
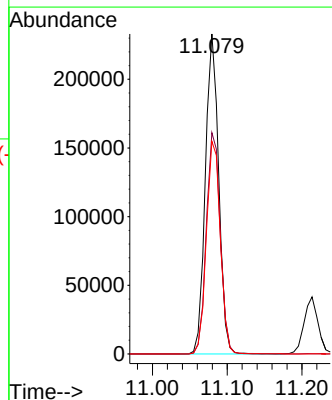
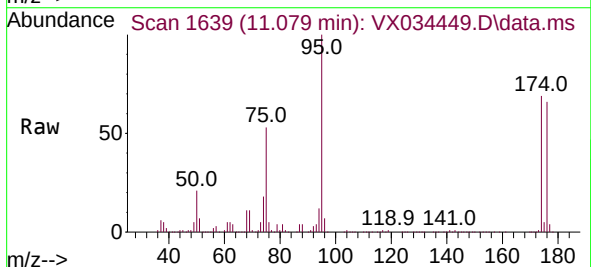
Reviewed By :John Carlone 03/15/2023

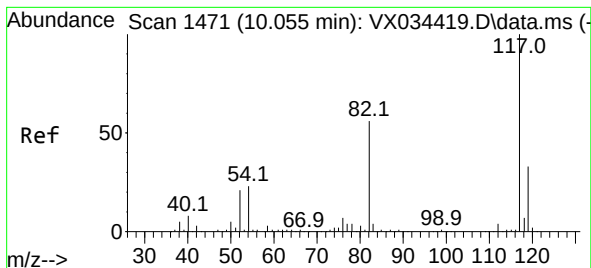
Supervised By :Mahesh Dadoda 03/15/2023



#62
4-Bromofluorobenzene
Concen: 53.576 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

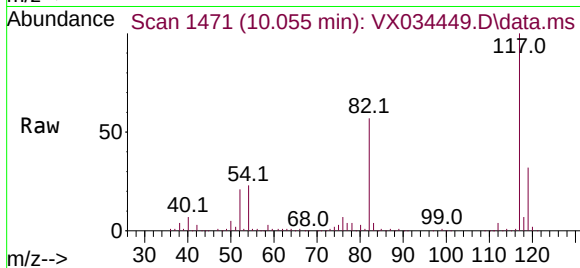
Tgt Ion: 95 Resp: 288684
Ion Ratio Lower Upper
95 100
174 72.3 0.0 147.4
176 69.5 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

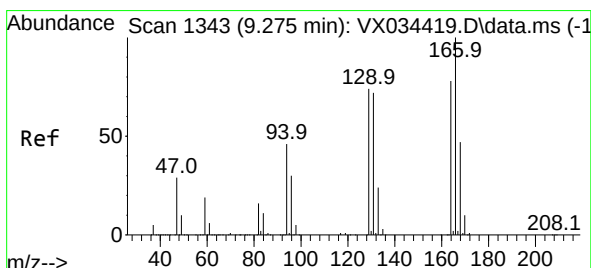
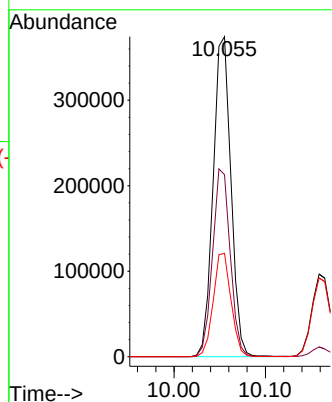
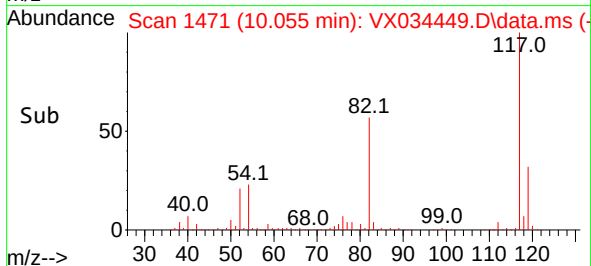
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 507950
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 32.3 26.0 39.0

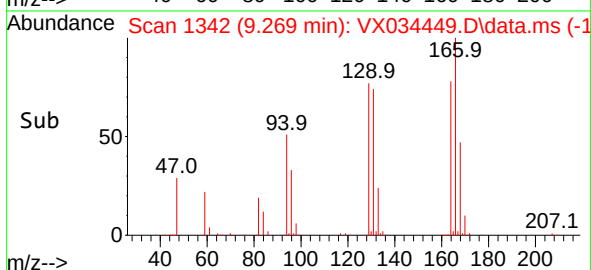
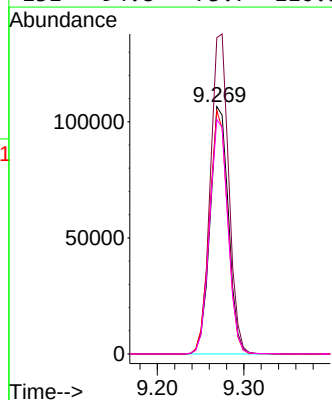
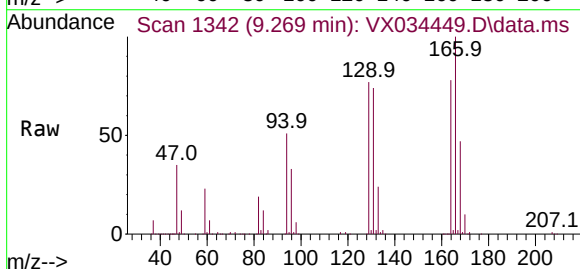
Manual Integrations
APPROVED

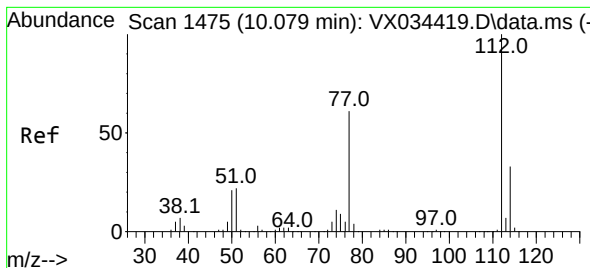
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#64
Tetrachloroethene
Concen: 45.864 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Tgt Ion:164 Resp: 156493
Ion Ratio Lower Upper
164 100
166 127.9 102.7 154.1
129 98.3 75.6 113.4
131 94.8 73.7 110.5





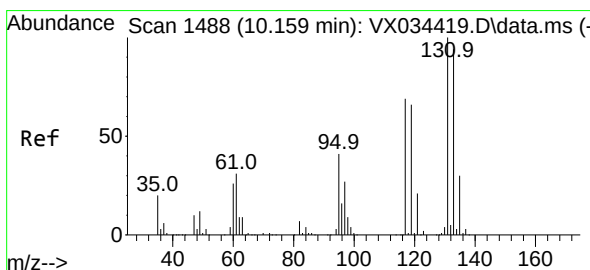
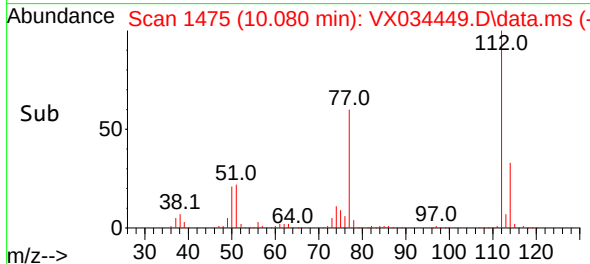
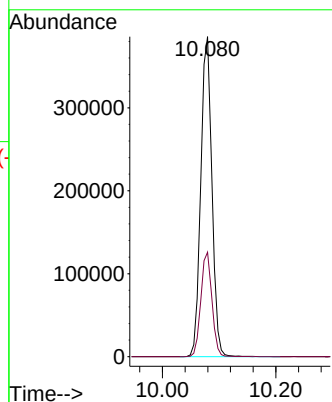
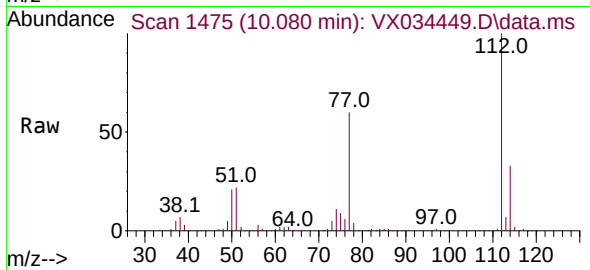
#65
Chlorobenzene
Concen: 47.116 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 52510
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.2

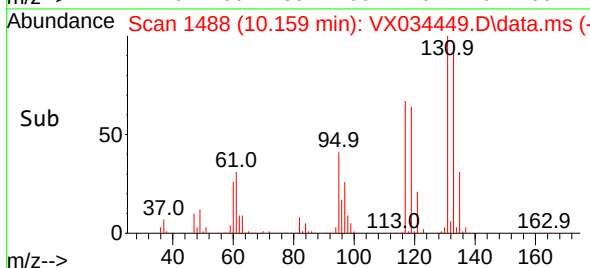
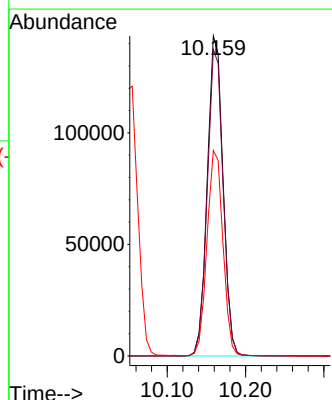
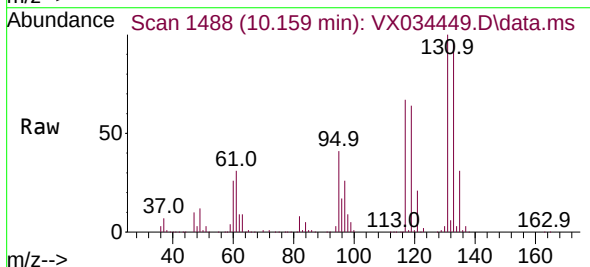
Manual Integrations
APPROVED

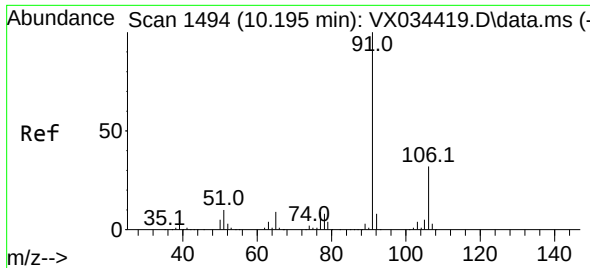
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.187 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Tgt Ion:131 Resp: 199652
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 64.8 32.6 98.0





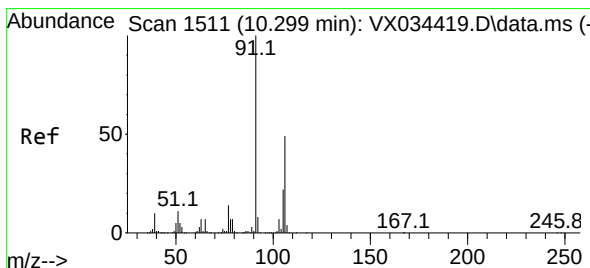
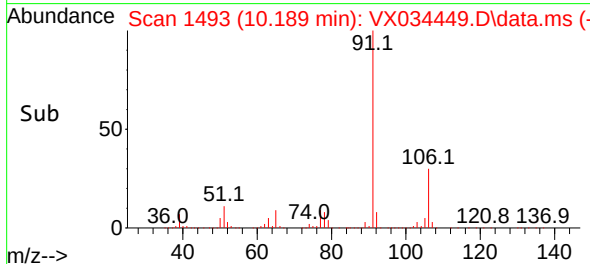
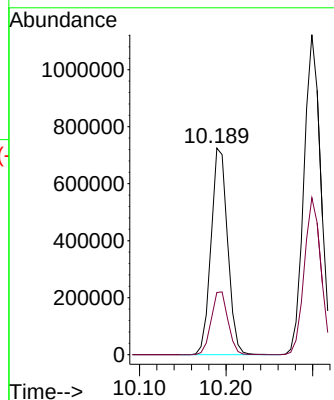
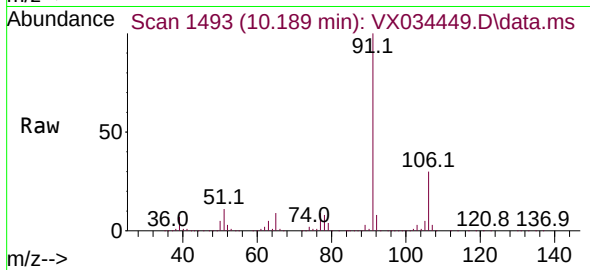
#67
Ethyl Benzene
Concen: 48.227 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 962210
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4

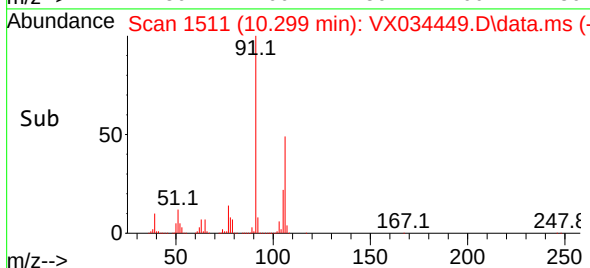
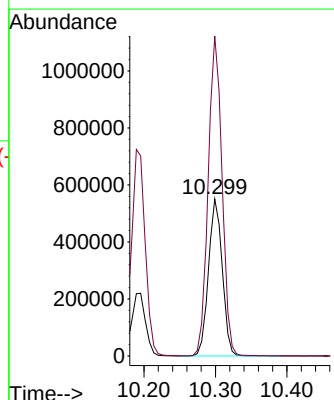
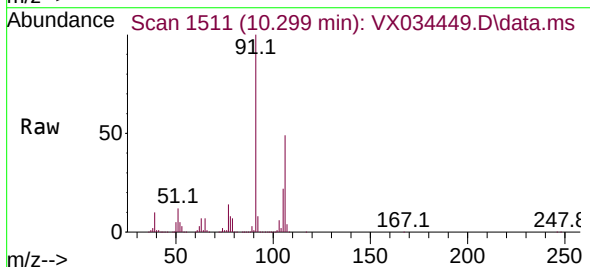
Manual Integrations
APPROVED

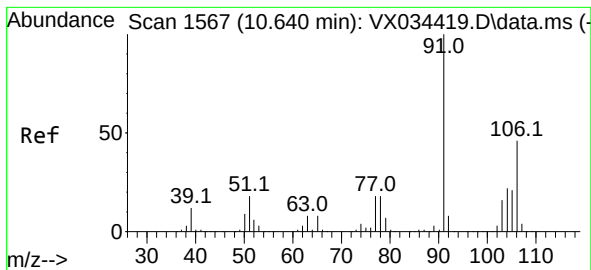
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#68
m/p-Xylenes
Concen: 95.997 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Tgt Ion:106 Resp: 735756
Ion Ratio Lower Upper
106 100
91 205.5 164.0 246.0





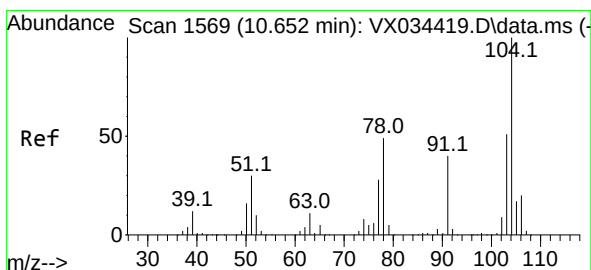
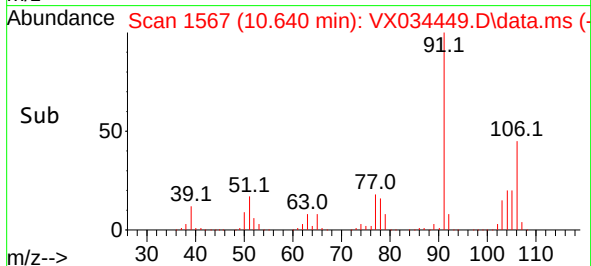
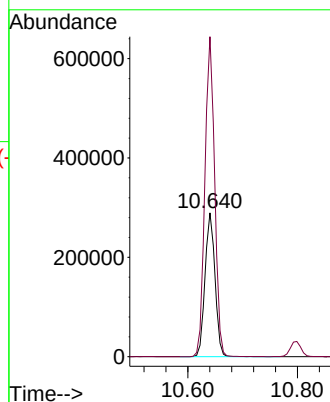
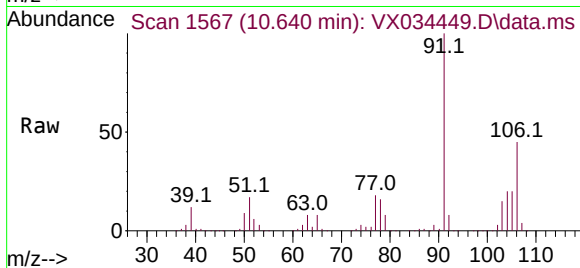
#69
o-Xylene
Concen: 47.379 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 36441
Ion Ratio Lower Upper
106 100
91 218.3 108.5 325.3

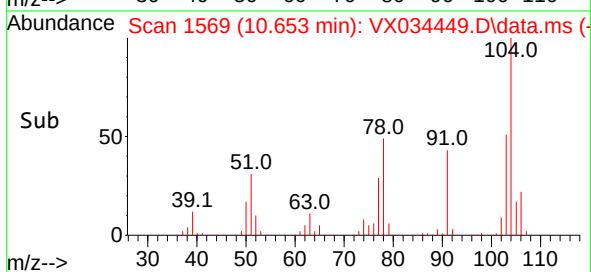
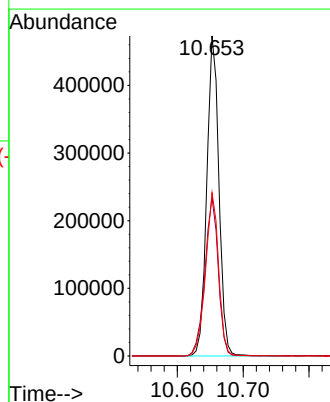
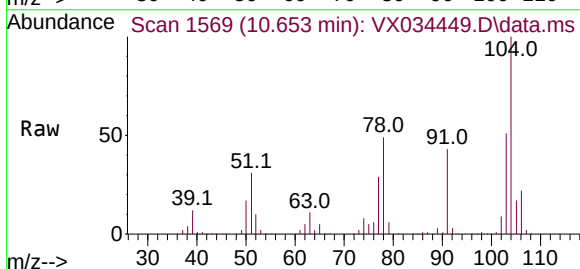
Manual Integrations
APPROVED

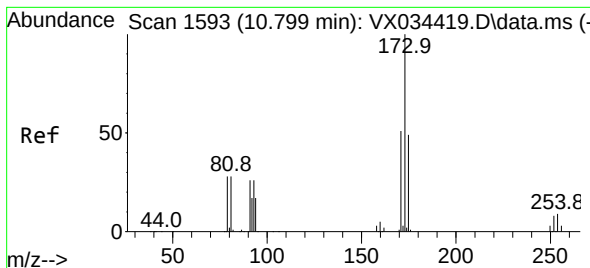
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#70
Styrene
Concen: 48.907 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

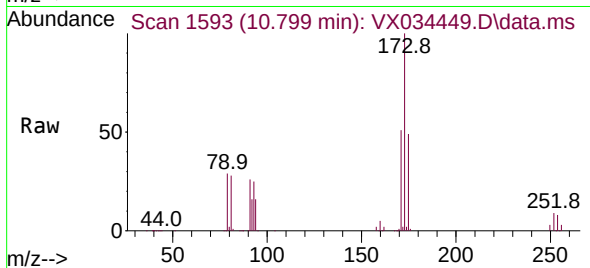
Tgt Ion:104 Resp: 606905
Ion Ratio Lower Upper
104 100
78 54.8 43.4 65.2
103 55.1 44.2 66.2





#71
Bromoform
Concen: 50.591 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

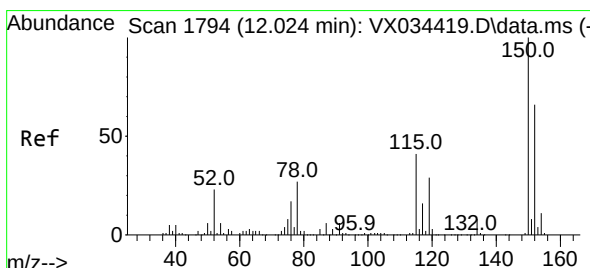
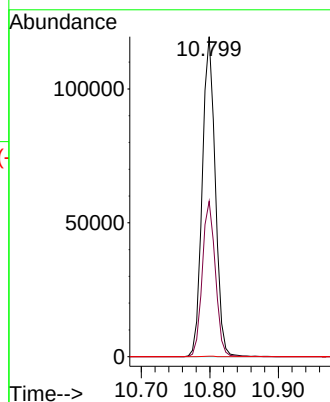
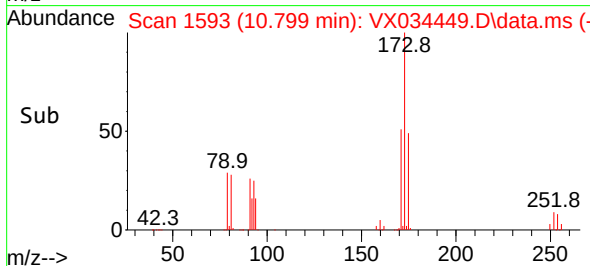
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



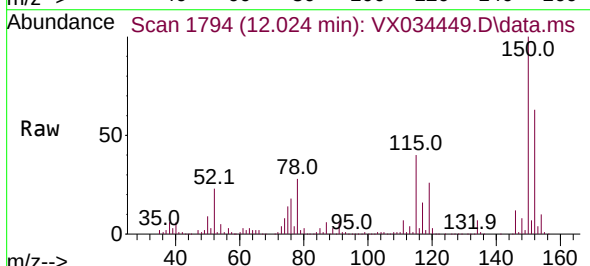
Tgt Ion:173 Resp: 158072
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

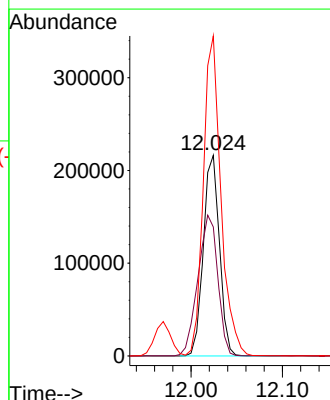
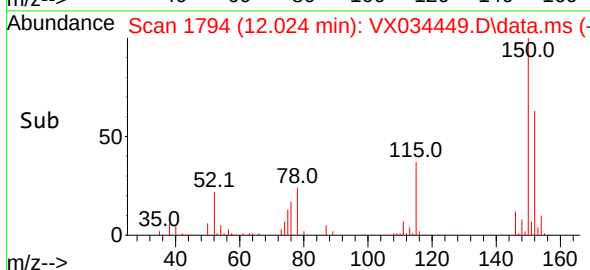
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

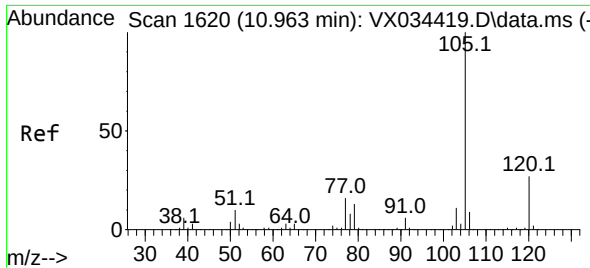


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54



Tgt Ion:152 Resp: 264785
Ion Ratio Lower Upper
152 100
115 86.8 45.0 135.0
150 174.4 0.0 352.4





#73
Isopropylbenzene
Concen: 46.404 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Instrument :

MSVOA_X

ClientSampleId :

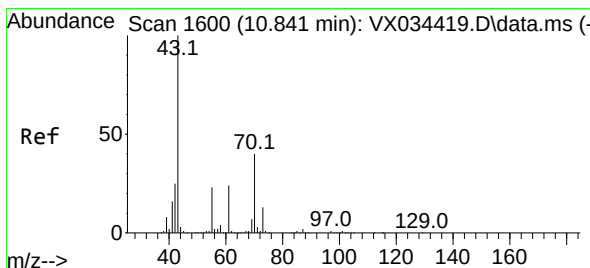
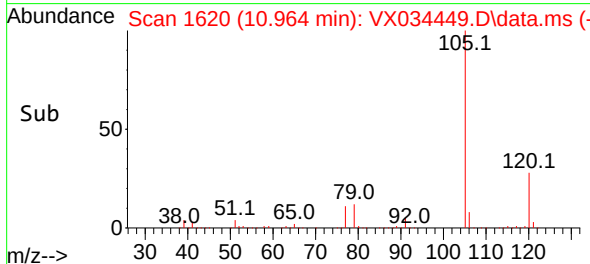
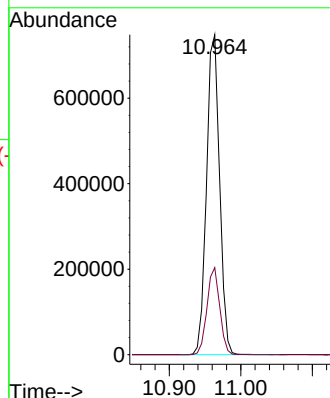
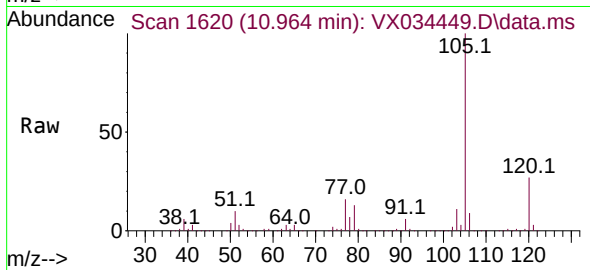
VSTDCCC050

Tgt Ion:105 Resp: 94965
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9

Manual Integrations

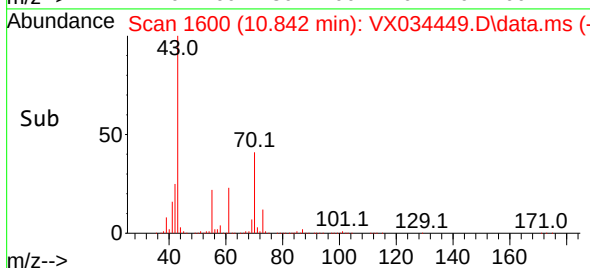
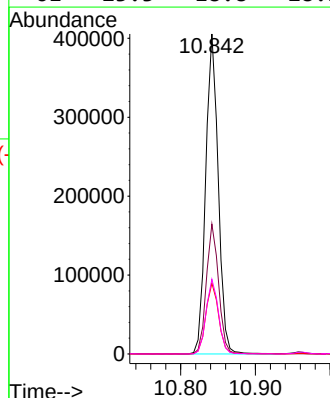
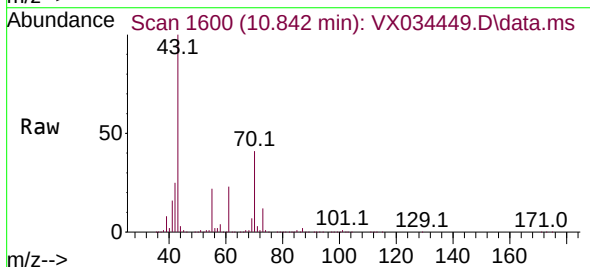
APPROVED

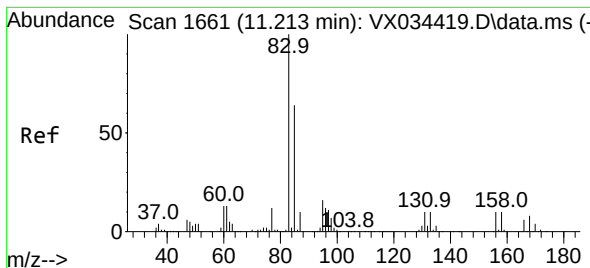
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#74
N-ethyl acetate
Concen: 47.959 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

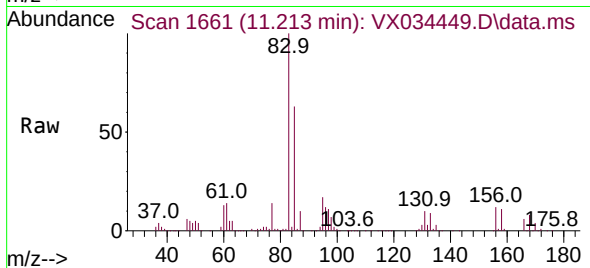
Tgt Ion: 43 Resp: 470089
Ion Ratio Lower Upper
43 100
70 40.1 32.1 48.1
55 22.7 18.3 27.5
61 23.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.091 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

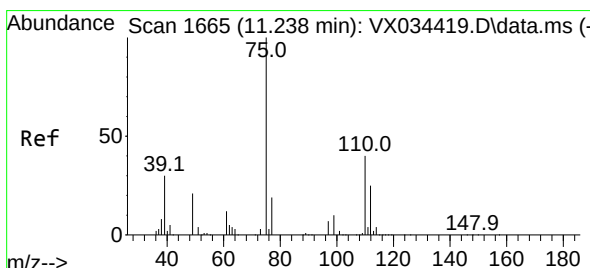
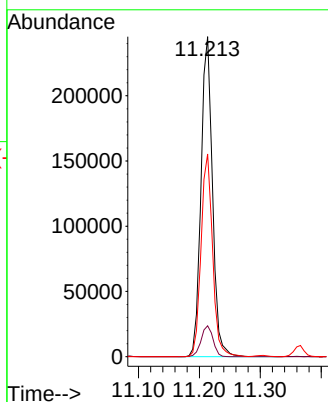
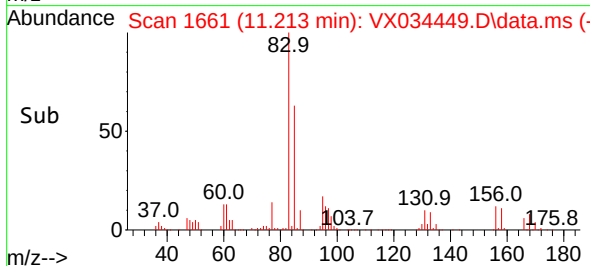
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



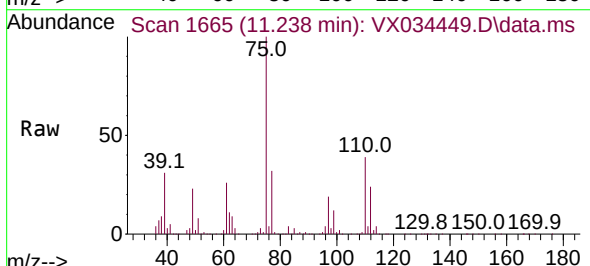
Tgt Ion: 83 Resp: 32158
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.3
85 63.9 32.0 96.0

Manual Integrations
APPROVED

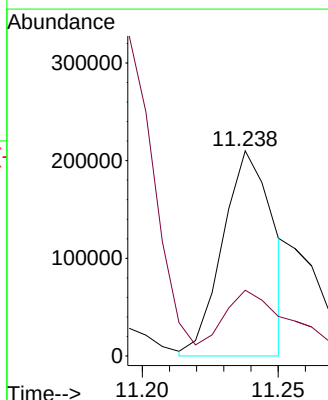
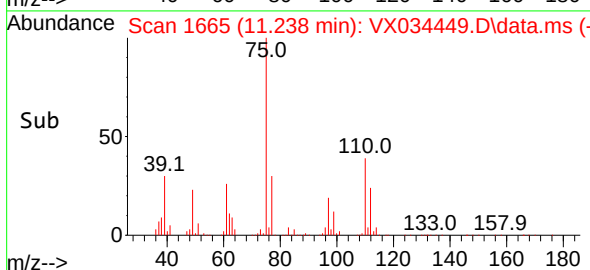
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

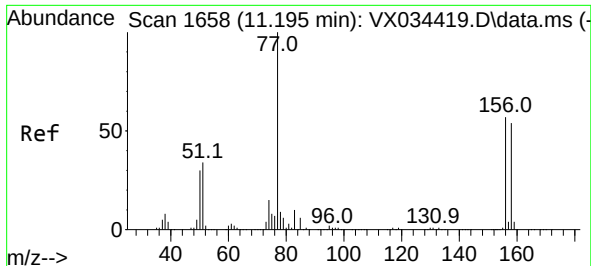


#76
1,2,3-Trichloropropane
Concen: 44.504 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54



Tgt Ion: 75 Resp: 270572
Ion Ratio Lower Upper
75 100
77 43.8 21.6 64.8





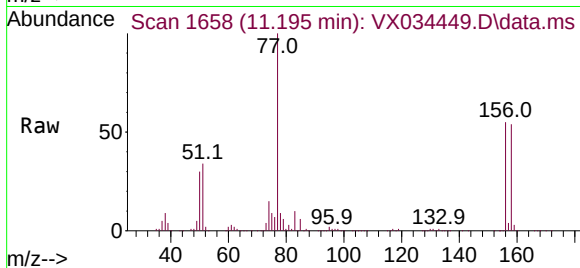
#77
Bromobenzene
Concen: 46.974 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



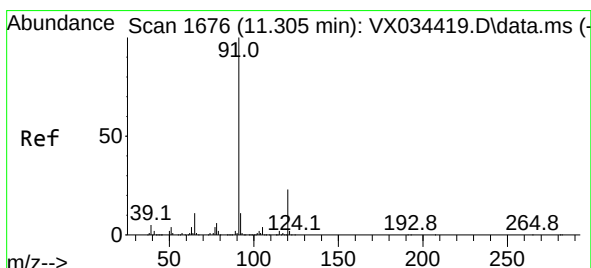
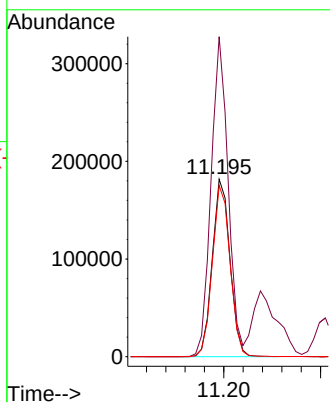
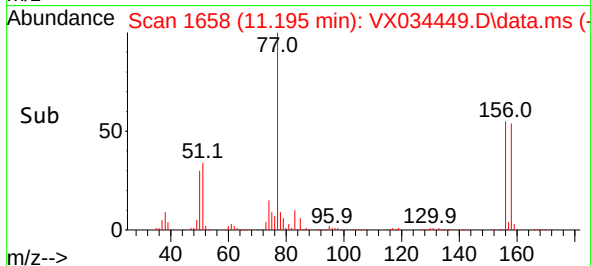
Tgt Ion:156 Resp: 23064
Ion Ratio Lower Upper
156 100
77 173.4 86.7 259.9
158 96.2 48.0 144.0

Manual Integrations

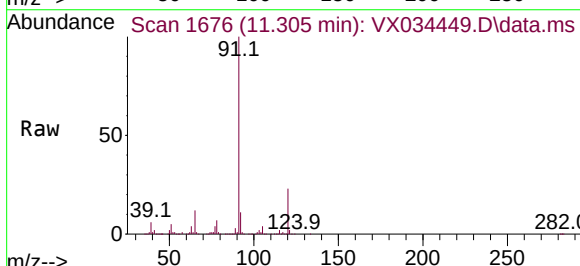
APPROVED

Reviewed By :John Carlone 03/15/2023

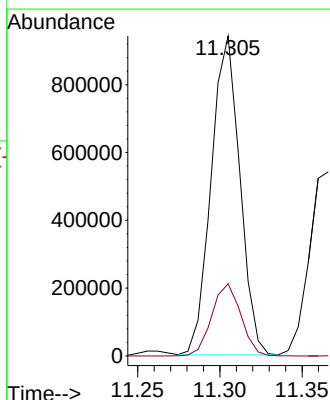
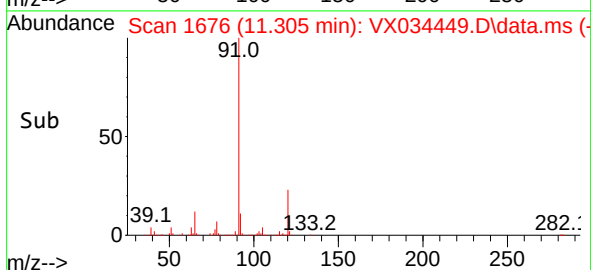
Supervised By :Mahesh Dadoda 03/15/2023

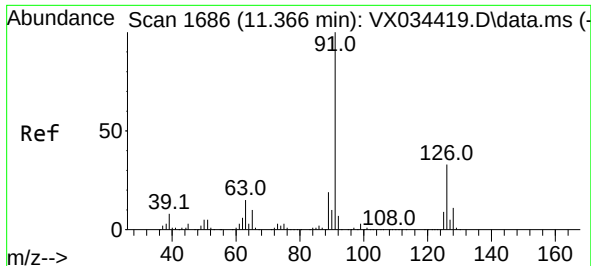


#78
n-propylbenzene
Concen: 48.283 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54



Tgt Ion: 91 Resp: 1141150
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5





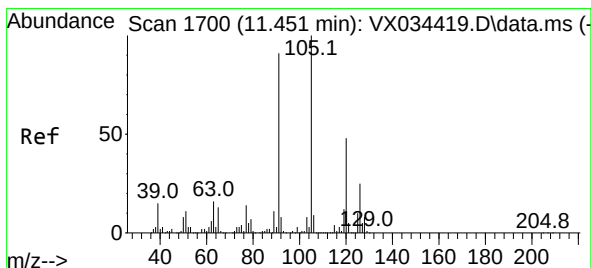
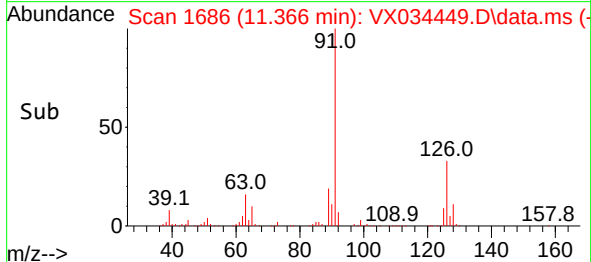
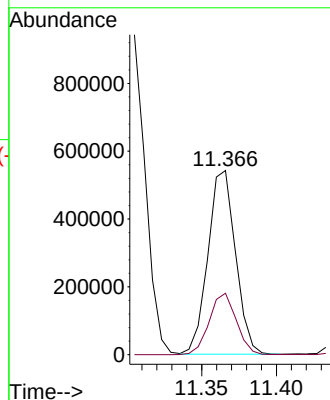
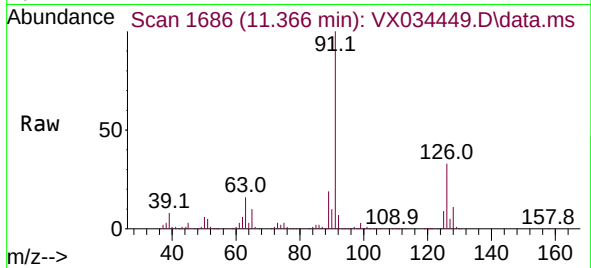
#79
2-Chlorotoluene
Concen: 47.607 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 694900
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.9

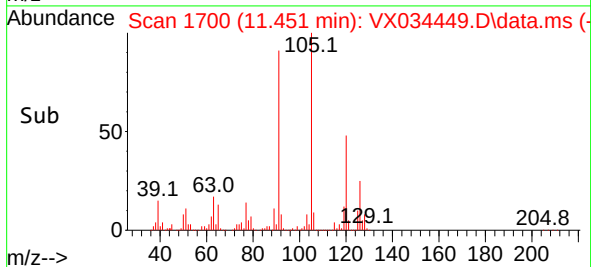
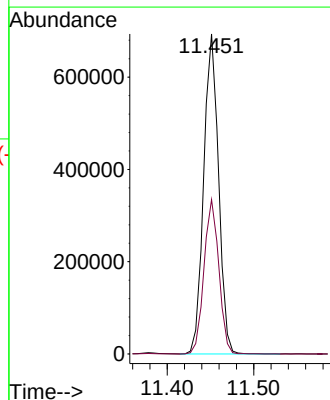
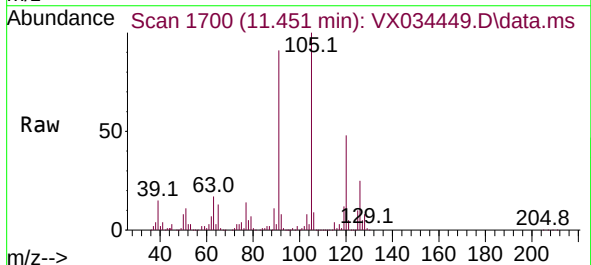
Manual Integrations
APPROVED

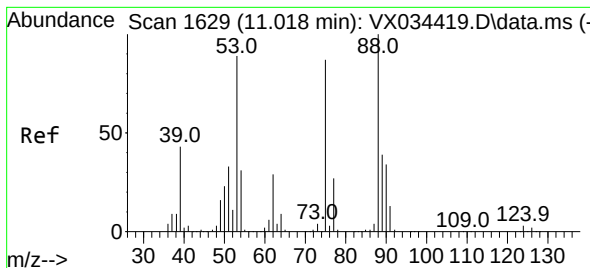
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.043 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Tgt Ion:105 Resp: 824670
Ion Ratio Lower Upper
105 100
120 48.2 23.7 71.1





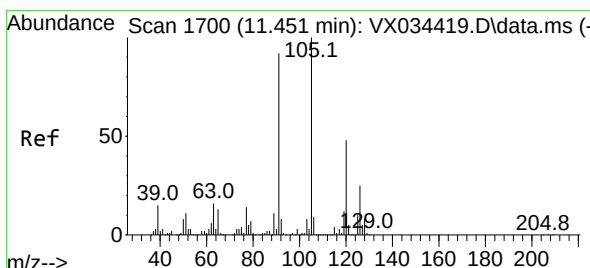
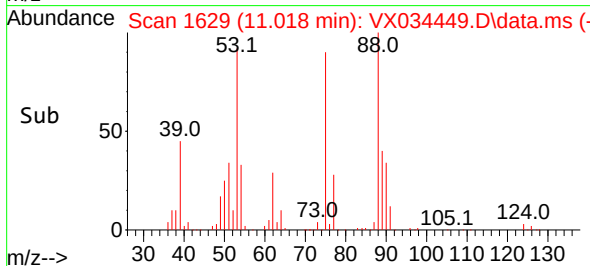
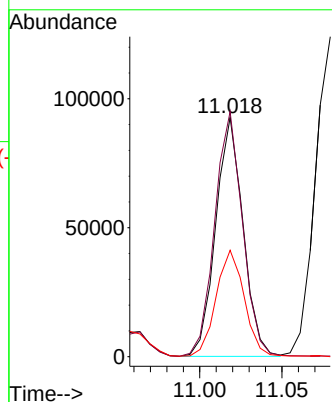
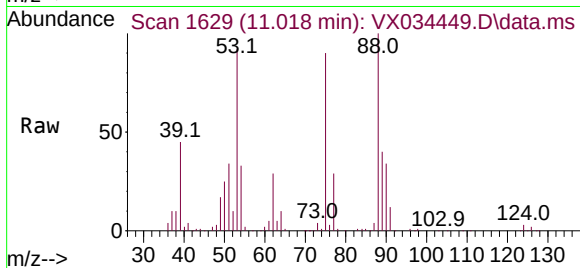
#81
trans-1,4-Dichloro-2-butene
Concen: 47.632 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 107049
Ion Ratio Lower Upper
75 100
53 105.1 82.6 124.0
89 46.4 36.9 55.3

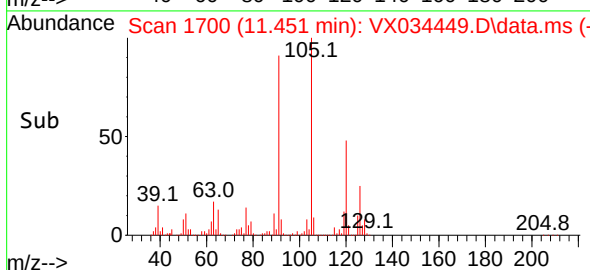
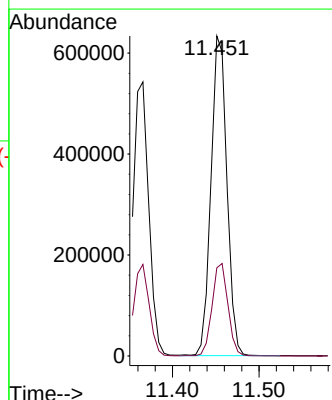
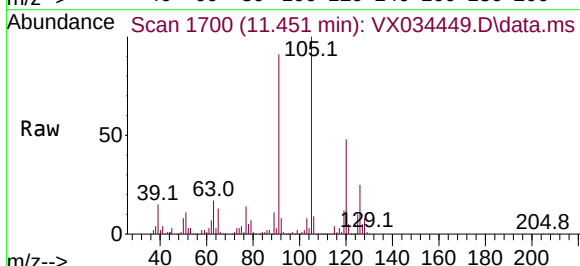
Manual Integrations
APPROVED

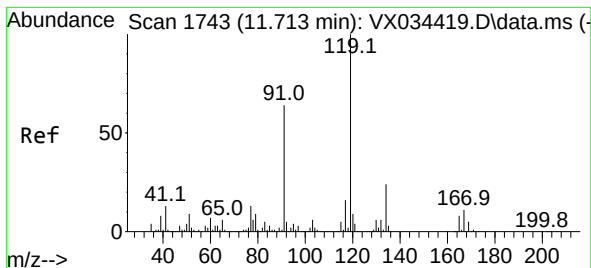
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#82
4-Chlorotoluene
Concen: 48.089 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

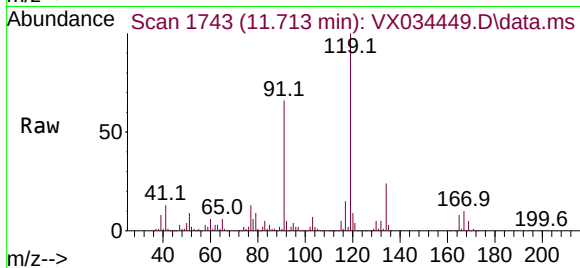
Tgt Ion: 91 Resp: 808516
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 47.048 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

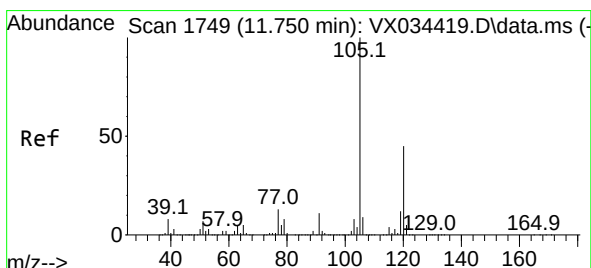
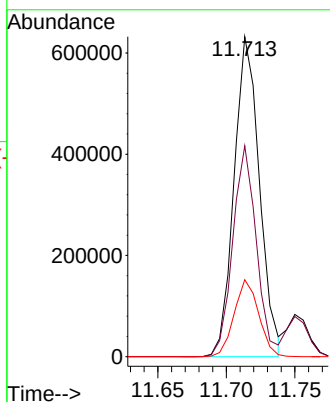
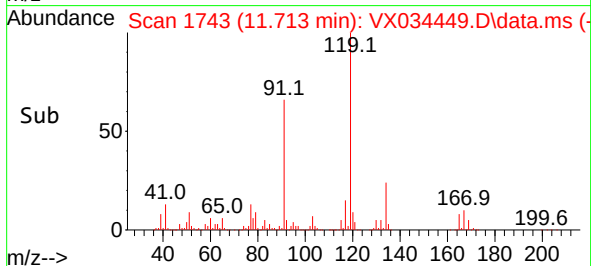
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



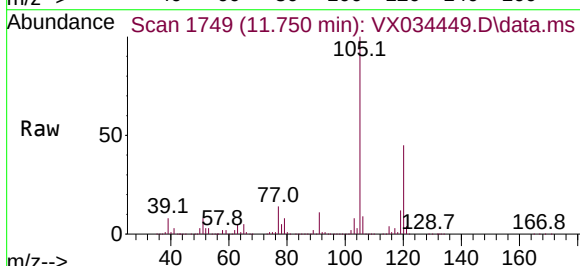
Tgt Ion:119 Resp: 814240
Ion Ratio Lower Upper
119 100
91 61.4 30.6 92.0
134 23.3 11.8 35.4

Manual Integrations
APPROVED

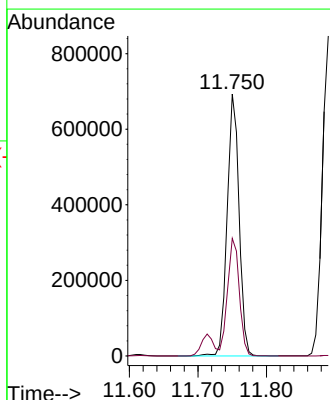
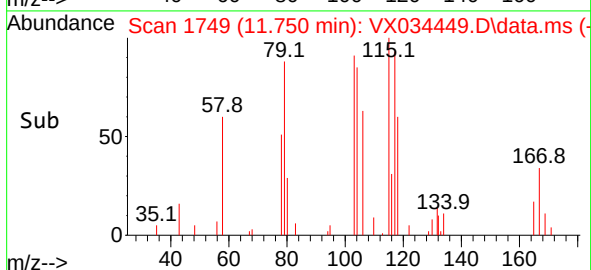
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

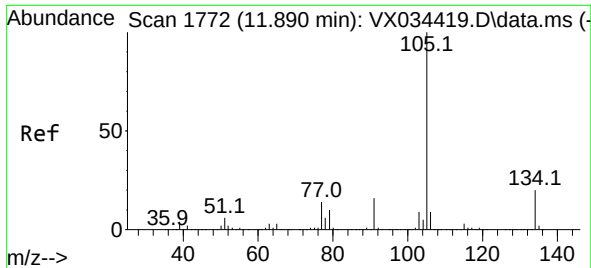


#84
1,2,4-Trimethylbenzene
Concen: 47.619 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54



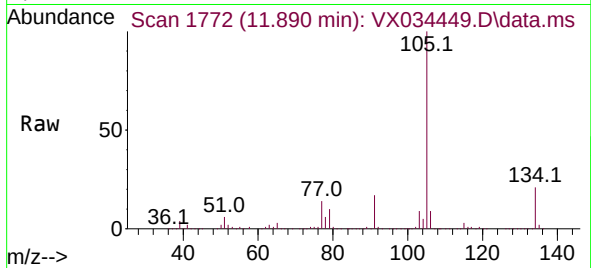
Tgt Ion:105 Resp: 835371
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 47.687 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034449.D
 Acq: 14 Mar 2023 08:54

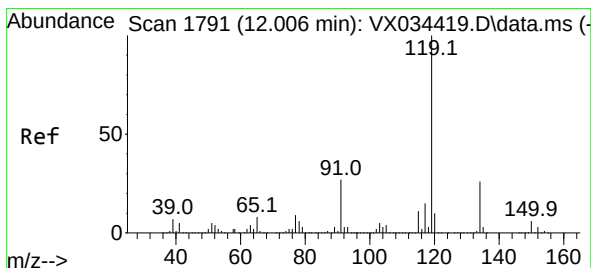
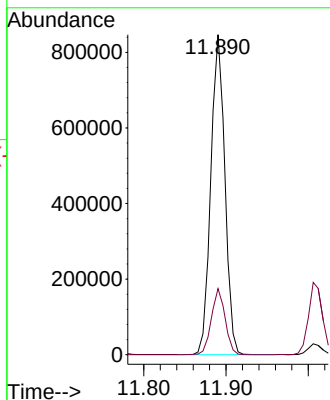
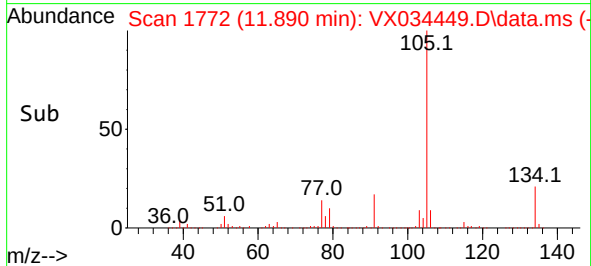
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



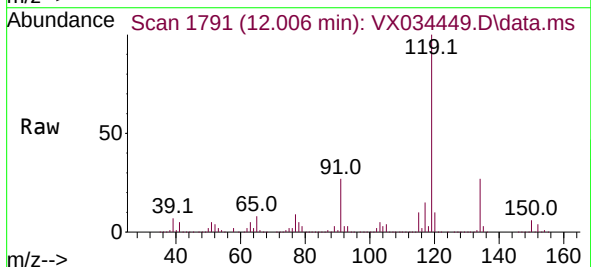
Tgt Ion:105 Resp: 100897
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

Manual Integrations
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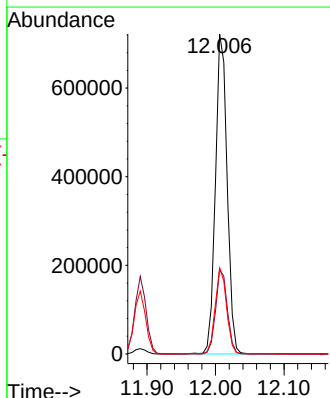
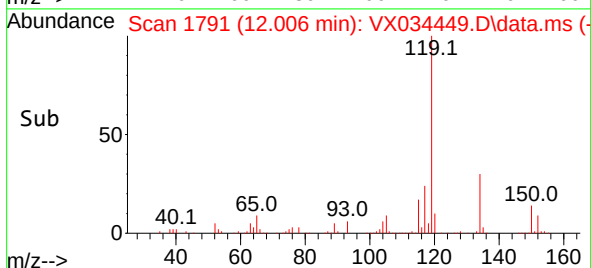
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

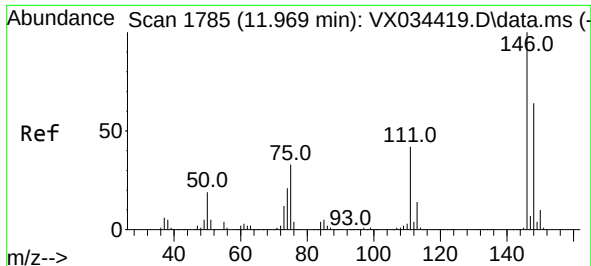


#86
 p-Isopropyltoluene
 Concen: 48.173 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034449.D
 Acq: 14 Mar 2023 08:54



Tgt Ion:119 Resp: 856624
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 26.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 46.128 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 44376

Ion Ratio Lower Upper

146 100

111 42.8 20.9 62.8

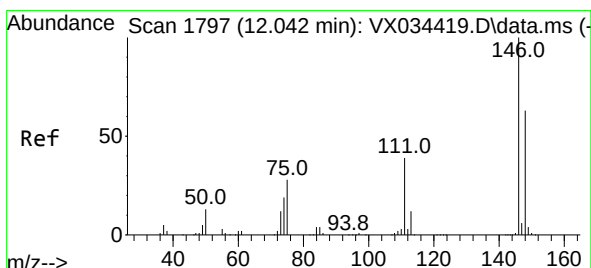
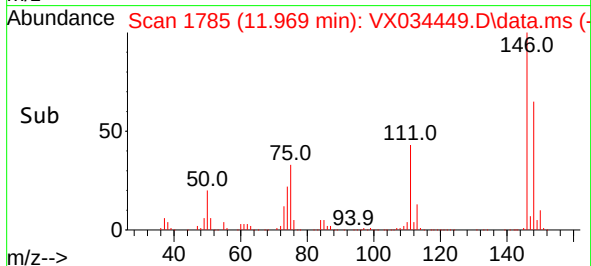
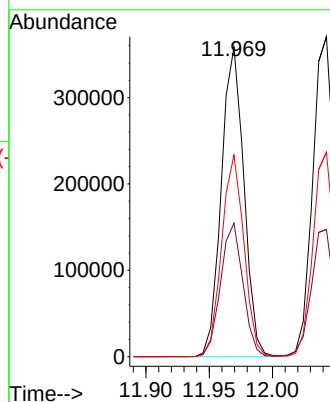
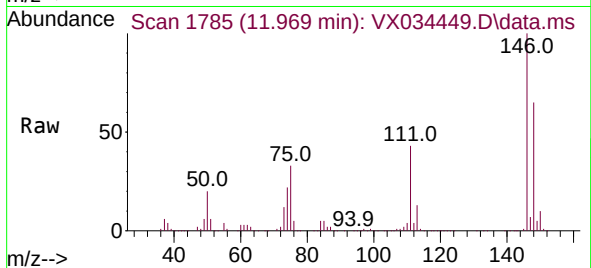
148 64.2 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#88

1,4-Dichlorobenzene

Concen: 46.905 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

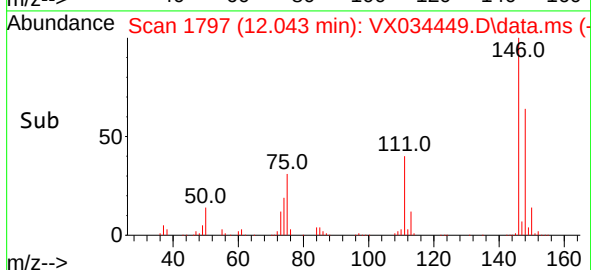
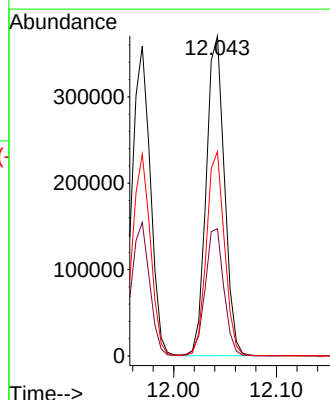
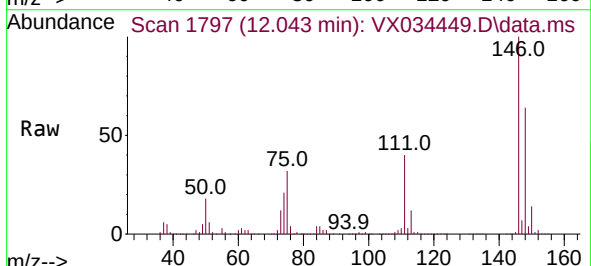
Tgt Ion:146 Resp: 456268

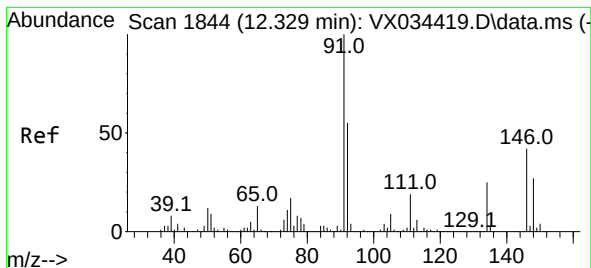
Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.9

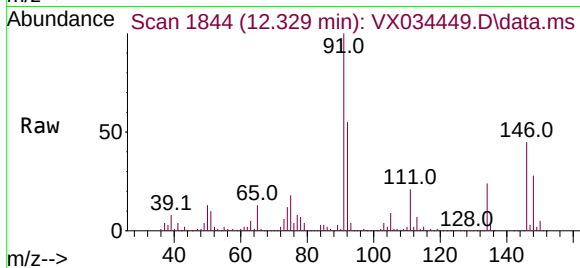
148 63.6 31.8 95.4





#89
n-Butylbenzene
Concen: 48.877 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

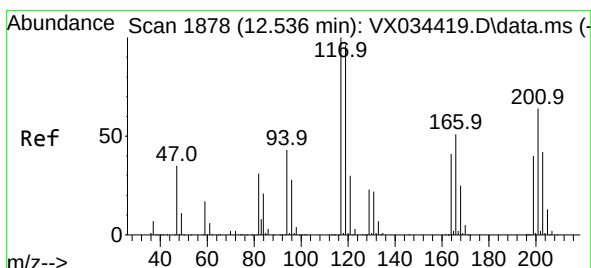
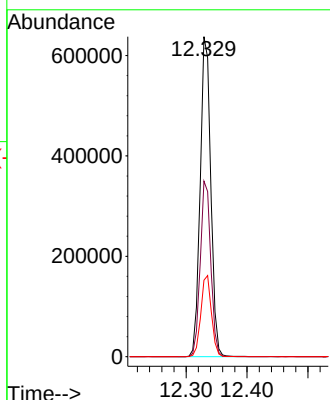
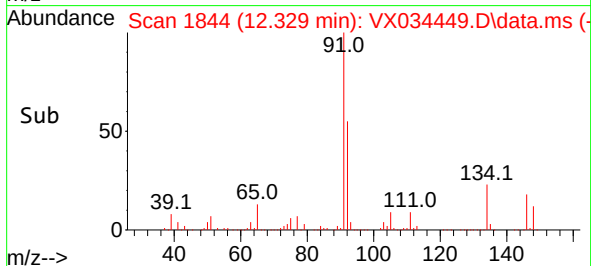
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 772662
Ion Ratio Lower Upper
91 100
92 54.5 27.7 83.0
134 25.3 13.0 38.9

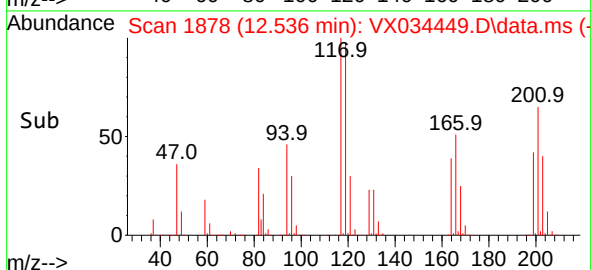
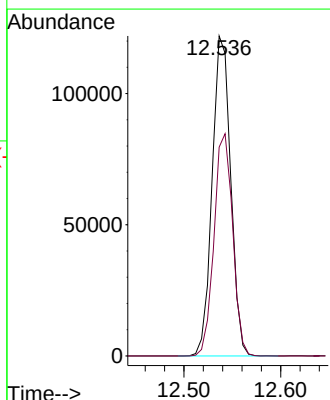
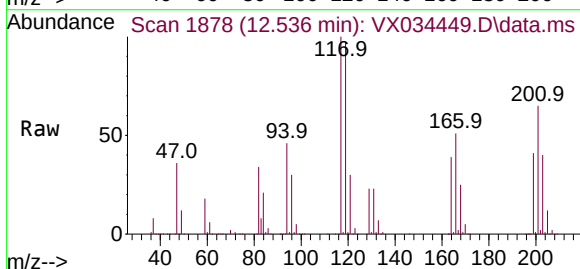
Manual Integrations
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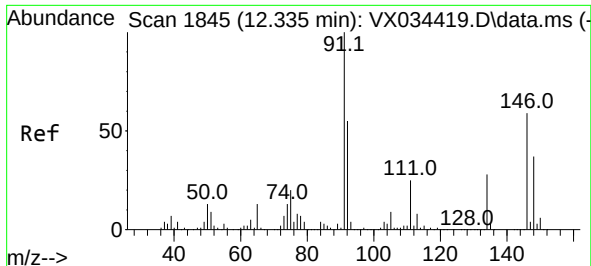
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#90
Hexachloroethane
Concen: 49.212 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Tgt Ion:117 Resp: 161924
Ion Ratio Lower Upper
117 100
201 69.9 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 46.975 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Instrument :

MSVOA_X

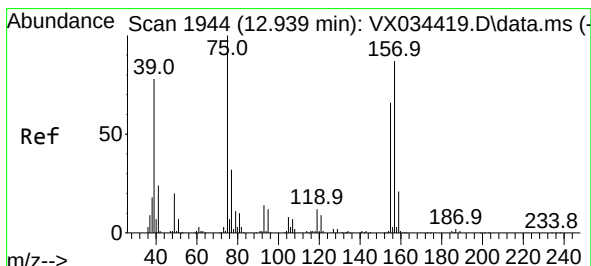
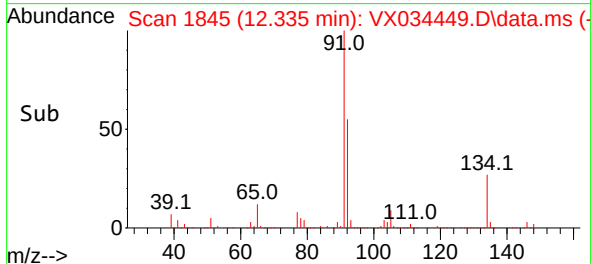
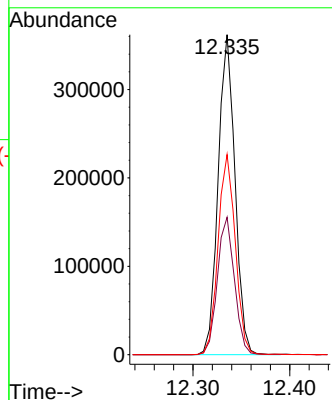
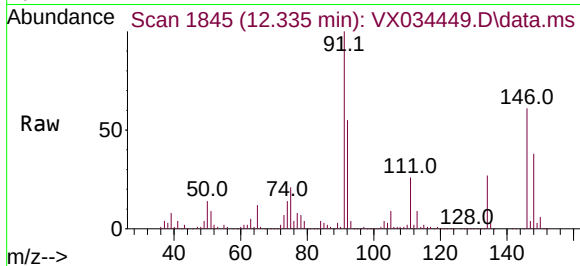
ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 43672
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 64.0 32.0 96.0

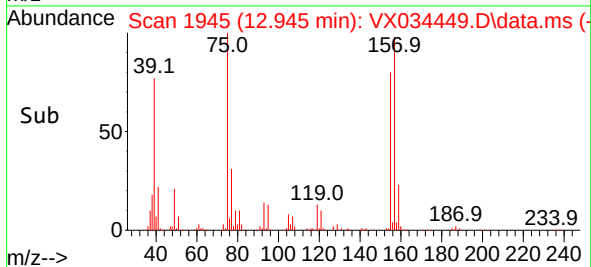
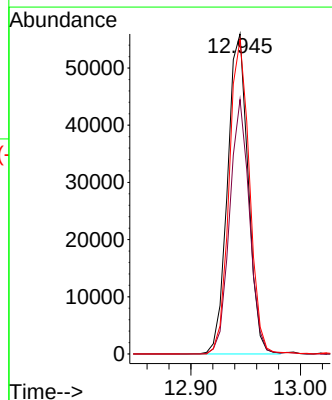
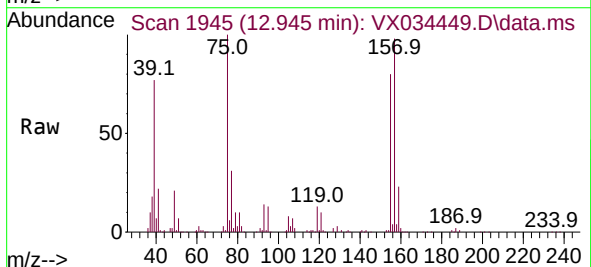
Manual Integrations
APPROVED

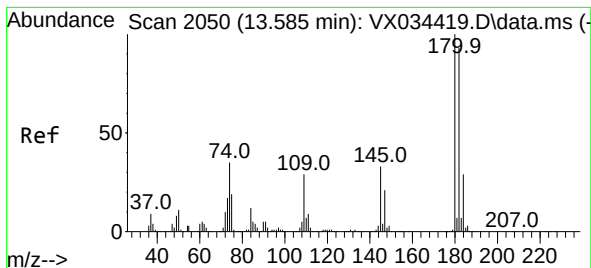
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.894 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Tgt Ion: 75 Resp: 72757
Ion Ratio Lower Upper
75 100
155 76.6 38.4 115.1
157 97.1 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 46.566 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 270730

Ion Ratio Lower Upper

180 100

182 96.0 47.0 141.0

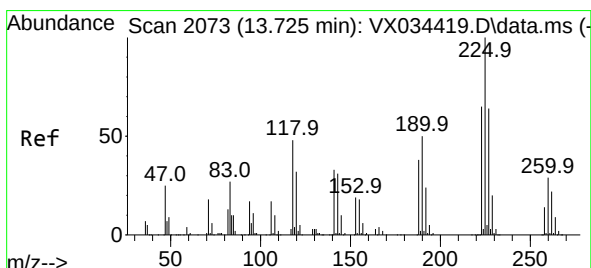
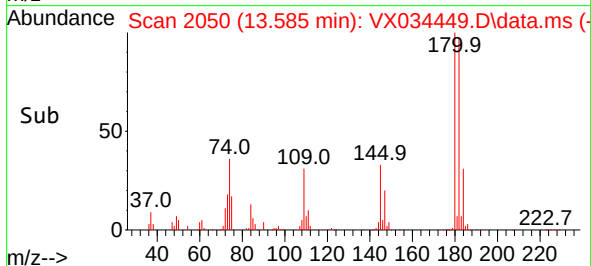
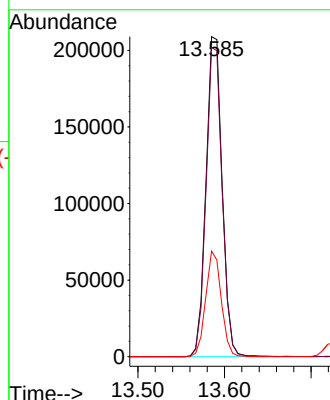
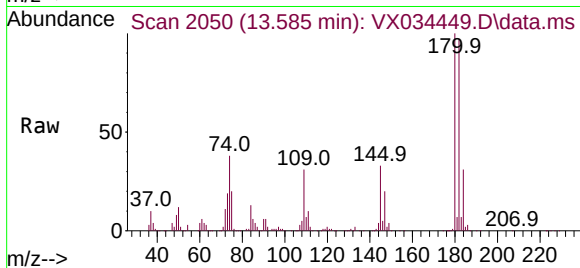
145 31.9 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#94

Hexachlorobutadiene

Concen: 46.851 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034449.D

Acq: 14 Mar 2023 08:54

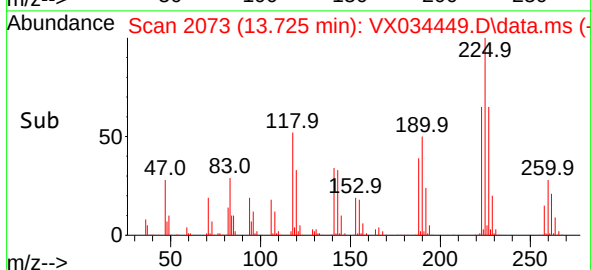
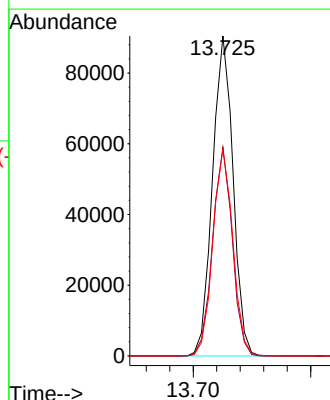
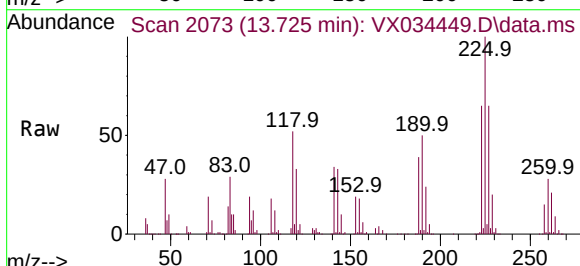
Tgt Ion:225 Resp: 109735

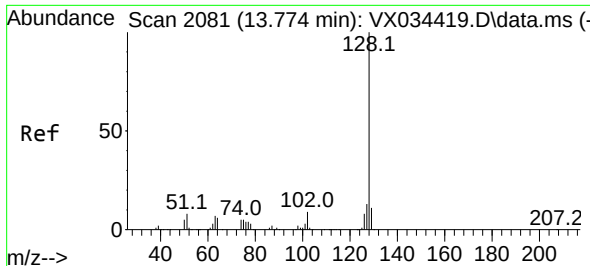
Ion Ratio Lower Upper

225 100

223 62.5 32.1 96.5

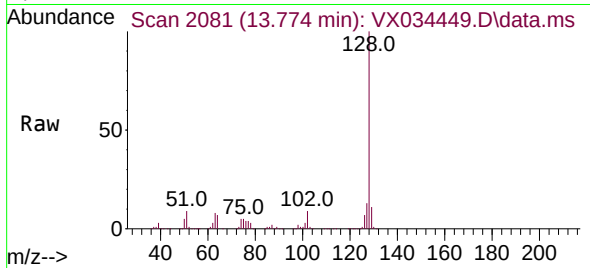
227 62.8 31.8 95.4





#95
Naphthalene
Concen: 46.287 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

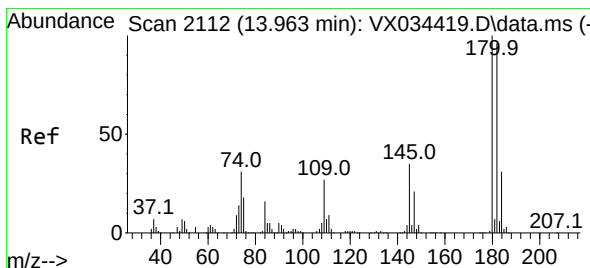
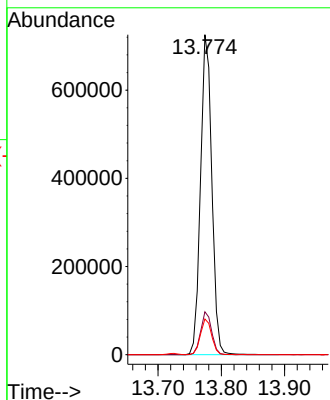
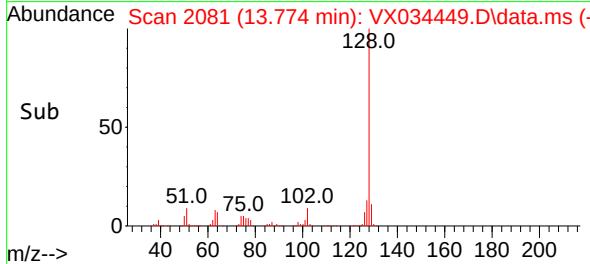
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 902411
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.961 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034449.D
Acq: 14 Mar 2023 08:54

Tgt Ion:180 Resp: 266883
Ion Ratio Lower Upper
180 100
182 94.8 48.0 144.2
145 33.8 17.7 53.1

