

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034476.D
 Acq On : 14 Mar 2023 19:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Mar 15 06:52:44 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	5.549	168	266531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	466438	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	226957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	201507	51.968	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.940%			
35) Dibromofluoromethane	5.385	113	155528	50.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.000%			
50) Toluene-d8	8.646	98	587172	51.074	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.140%			
62) 4-Bromofluorobenzene	11.079	95	240156	51.716	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	109025	43.878	ug/l	99
3) Chloromethane	1.306	50	170638	45.210	ug/l	100
4) Vinyl Chloride	1.373	62	159175	47.047	ug/l	97
5) Bromomethane	1.599	94	84687	49.610	ug/l	100
6) Chloroethane	1.678	64	100580	51.632	ug/l	99
7) Trichlorofluoromethane	1.885	101	246667	48.521	ug/l	98
8) Diethyl Ether	2.129	74	99289	53.502	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.324	101	127756	43.122	ug/l	99
10) Methyl Iodide	2.452	142	198375	51.000	ug/l	98
11) Tert butyl alcohol	2.958	59	192287	238.139	ug/l	100
12) 1,1-Dichloroethene	2.318	96	129562	44.404	ug/l	98
13) Acrolein	2.233	56	172145	269.492	ug/l	100
14) Allyl chloride	2.660	41	269002	45.474	ug/l	99
15) Acrylonitrile	3.062	53	452792	259.590	ug/l	99
16) Acetone	2.379	43	381314	208.769	ug/l	100
17) Carbon Disulfide	2.507	76	329199	40.091	ug/l	99
18) Methyl Acetate	2.702	43	300458	50.344	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	521033	49.873	ug/l	98
20) Methylene Chloride	2.788	84	162590	45.867	ug/l	99
21) trans-1,2-Dichloroethene	3.086	96	148896	48.051	ug/l	99
22) Diisopropyl ether	3.757	45	577604	51.213	ug/l	97
23) Vinyl Acetate	3.720	43	2207451	257.170	ug/l	99
24) 1,1-Dichloroethane	3.611	63	293118	48.347	ug/l	99
25) 2-Butanone	4.550	43	647413	247.723	ug/l	100
26) 2,2-Dichloropropane	4.476	77	229617	43.571	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	180848	48.481	ug/l	99
28) Bromochloromethane	4.897	49	143087	50.758	ug/l	99
29) Tetrahydrofuran	5.001	42	425379	263.776	ug/l	99
30) Chloroform	5.092	83	302438	50.890	ug/l	98
31) Cyclohexane	5.470	56	237467	43.668	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	251721	47.846	ug/l	99
36) 1,1-Dichloropropene	5.690	75	208298	44.036	ug/l	98
37) Ethyl Acetate	4.708	43	253279	49.014	ug/l	99
38) Carbon Tetrachloride	5.677	117	210250	44.681	ug/l	98
39) Methylcyclohexane	7.378	83	234381	41.405	ug/l	96
40) Benzene	6.037	78	656224	47.424	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	142644	50.369	ug/l	98
42) 1,2-Dichloroethane	6.086	62	252668	49.684	ug/l	99
43) Isopropyl Acetate	6.336	43	437589	49.986	ug/l	100
44) Trichloroethene	7.122	130	164259	45.687	ug/l	100
45) 1,2-Dichloropropane	7.427	63	176364	48.813	ug/l	99
46) Dibromomethane	7.580	93	121372	49.412	ug/l	98
47) Bromodichloromethane	7.823	83	235271	49.490	ug/l	98
48) Methyl methacrylate	7.689	41	208007	49.404	ug/l	98
49) 1,4-Dioxane	7.659	88	93959	1062.500	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	1334118	262.706	ug/l	99
52) Toluene	8.720	92	415588	48.511	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	266022	49.670	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	284672	49.129	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	175327	51.569	ug/l	98
56) Ethyl methacrylate	9.116	69	285639	51.169	ug/l	98
57) 1,3-Dichloropropane	9.305	76	303071	50.156	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	697741	242.537	ug/l	100
59) 2-Hexanone	9.427	43	1030909	262.608	ug/l	100
60) Dibromochloromethane	9.518	129	183502	51.462	ug/l	98
61) 1,2-Dibromoethane	9.610	107	184368	50.252	ug/l	100
64) Tetrachloroethene	9.274	164	131938	44.615	ug/l	99
65) Chlorobenzene	10.079	112	448328	46.415	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	171391	48.718	ug/l	99
67) Ethyl Benzene	10.195	91	820329	47.439	ug/l	98
68) m/p-Xylenes	10.299	106	621107	93.503	ug/l	99
69) o-Xylene	10.640	106	313382	47.011	ug/l	98
70) Styrene	10.652	104	527345	49.032	ug/l	99
71) Bromoform	10.798	173	131118	48.419	ug/l	99
73) Isopropylbenzene	10.963	105	802843	45.769	ug/l	100
74) N-amyl acetate	10.841	43	413090	49.168	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	288709	49.324	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	236775m	45.436	ug/l	
77) Bromobenzene	11.201	156	197961	47.039	ug/l	99
78) n-propylbenzene	11.304	91	946919	46.743	ug/l	99
79) 2-Chlorotoluene	11.365	91	590406	47.190	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	692308	47.055	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	87146	45.240	ug/l	95
82) 4-Chlorotoluene	11.451	91	687210	47.686	ug/l	99
83) tert-Butylbenzene	11.713	119	690681	46.560	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	704992	46.885	ug/l	99
85) sec-Butylbenzene	11.890	105	817733	45.090	ug/l	99
86) p-Isopropyltoluene	12.006	119	699850	45.917	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	378825	45.941	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	379218	45.482	ug/l	99
89) n-Butylbenzene	12.335	91	611526	45.132	ug/l	98
90) Hexachloroethane	12.536	117	128371	45.517	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	374818	47.036	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	63197	47.521	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	220103	44.168	ug/l	99
94) Hexachlorobutadiene	13.725	225	80075	39.886	ug/l	99
95) Naphthalene	13.774	128	790614	47.312	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	220264	45.218	ug/l	99

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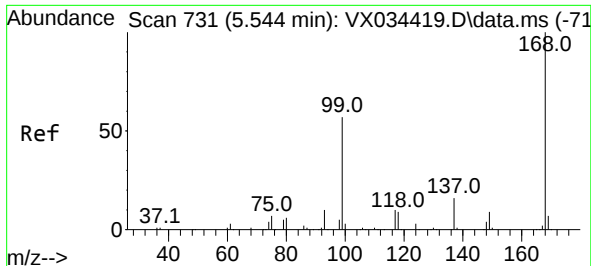
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

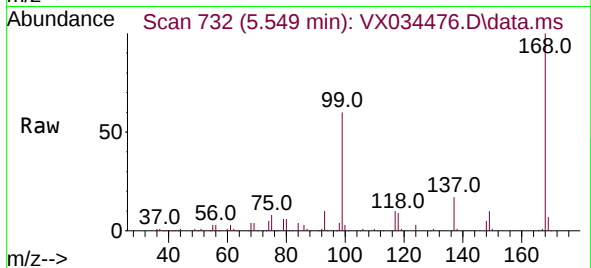
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

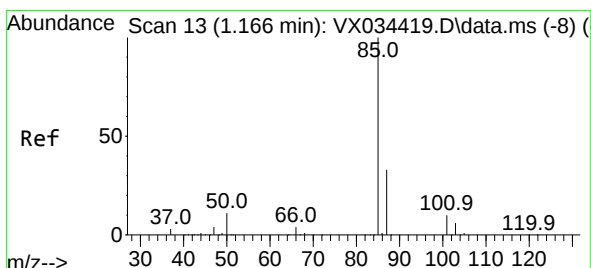
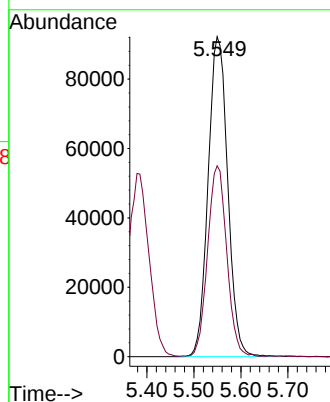
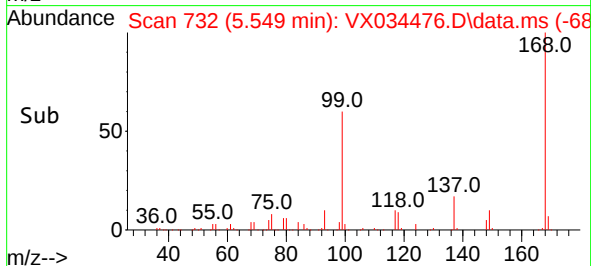
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 26653
Ion Ratio Lower Upper
168 100
99 59.5 45.7 68.5

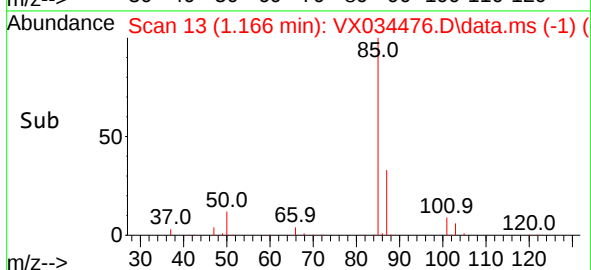
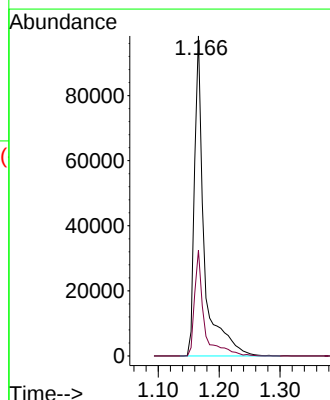
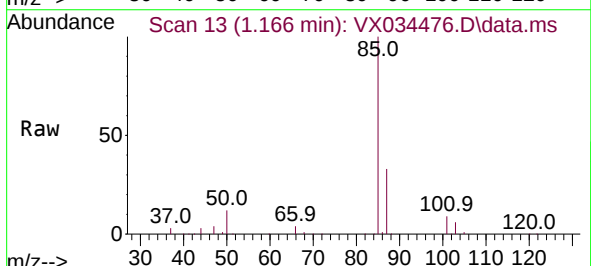
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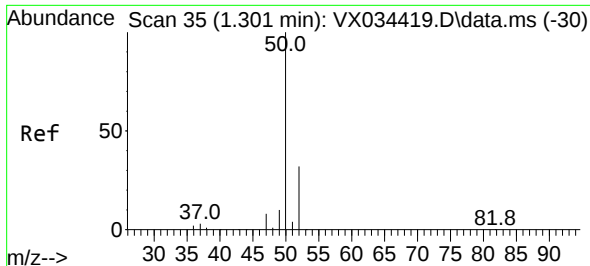
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#2
Dichlorodifluoromethane
Concen: 43.878 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

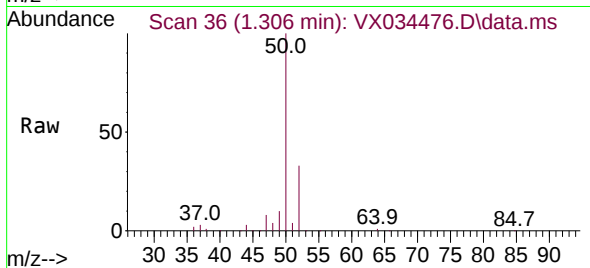
Tgt Ion: 85 Resp: 109025
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.1





#3
Chloromethane
Concen: 45.210 ug/l
RT: 1.306 min Scan# 30
Delta R.T. 0.005 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

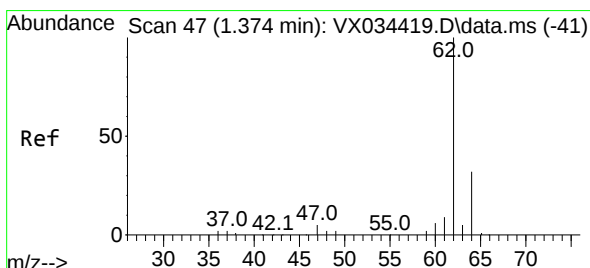
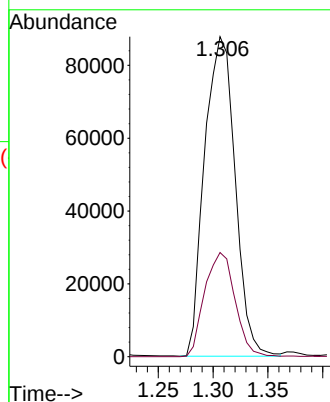
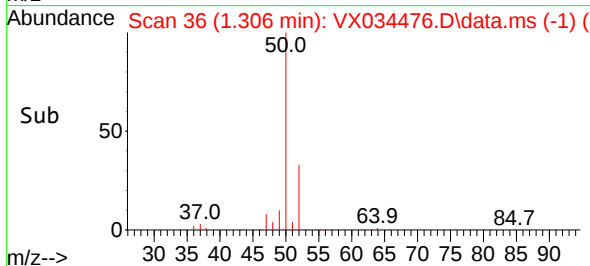
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 170638
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9

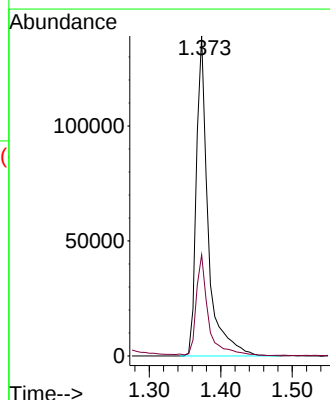
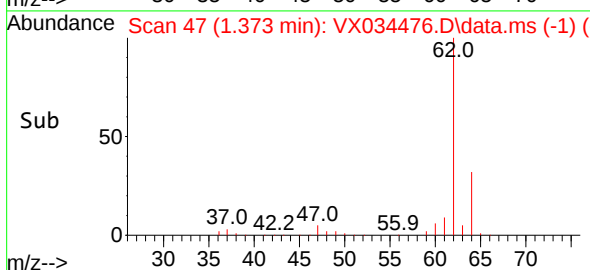
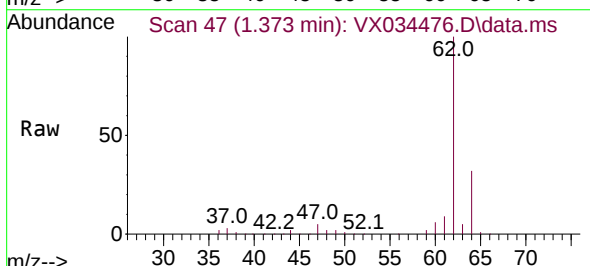
Manual Integrations
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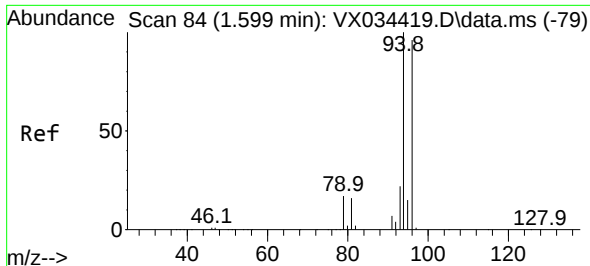
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#4
Vinyl Chloride
Concen: 47.047 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Tgt Ion: 62 Resp: 159175
Ion Ratio Lower Upper
62 100
64 31.4 26.4 39.6





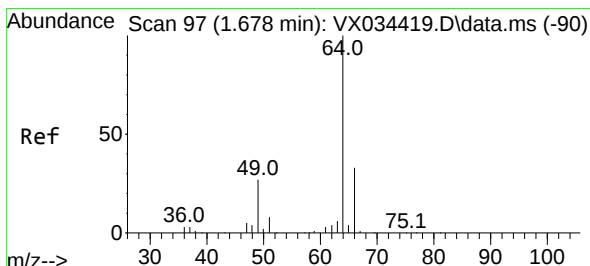
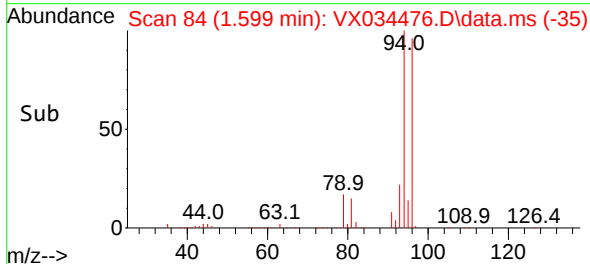
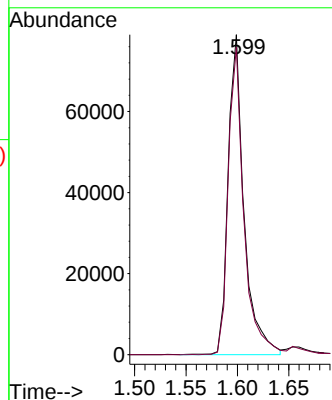
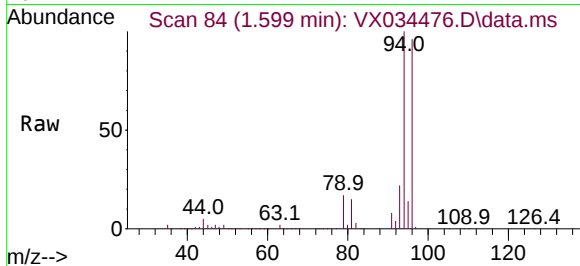
#5
Bromomethane
Concen: 49.610 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 8468
Ion Ratio Lower Upper
94 100
96 96.1 77.0 115.6

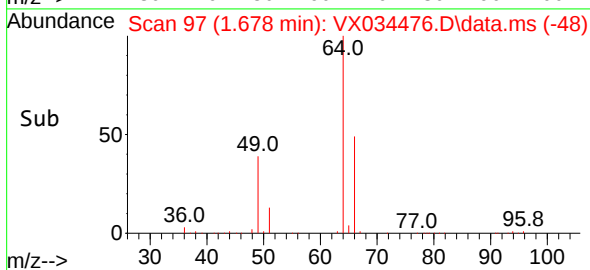
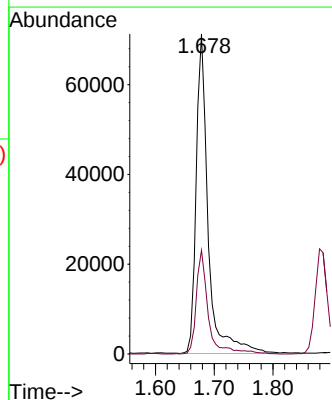
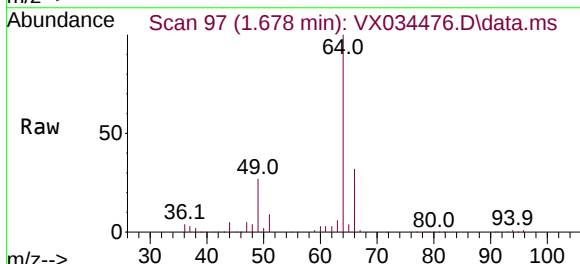
Manual Integrations
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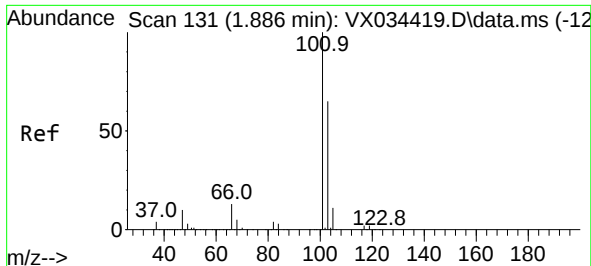
Reviewed By :John Carlone 03/15/2023
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#6
Chloroethane
Concen: 51.632 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX034476.D
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Tgt Ion: 64 Resp: 100580
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.4





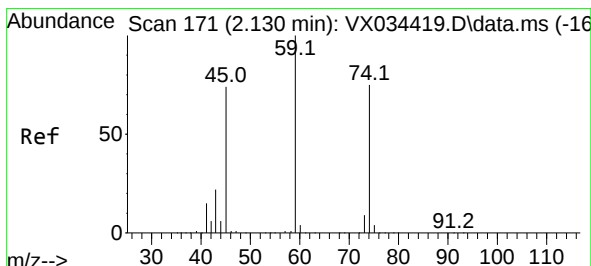
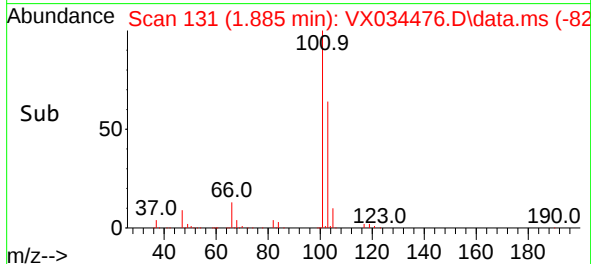
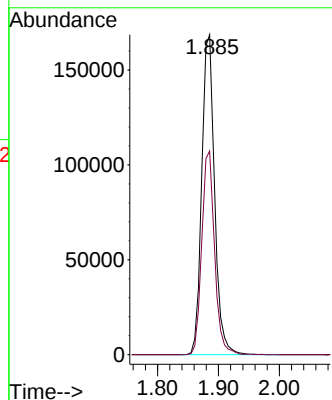
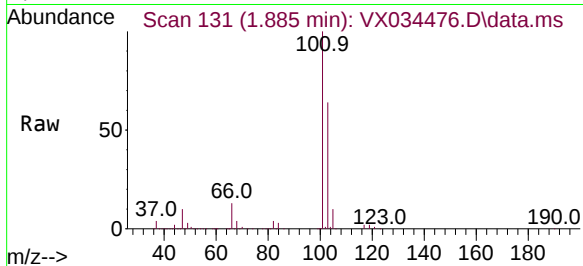
#7
Trichlorofluoromethane
Concen: 48.521 ug/l
RT: 1.885 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 24666
Ion Ratio Lower Upper
101 100
103 63.6 52.0 78.0

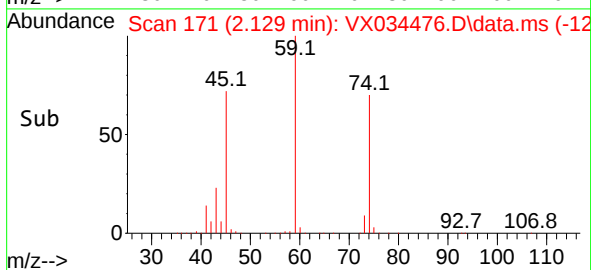
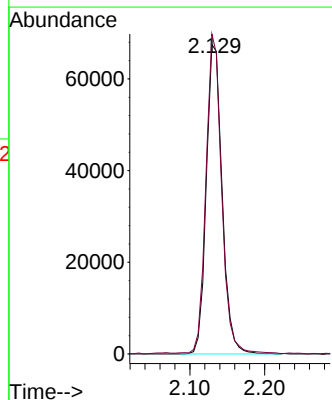
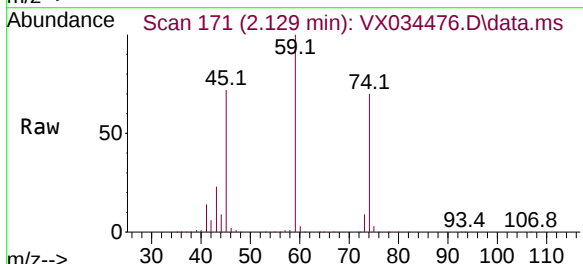
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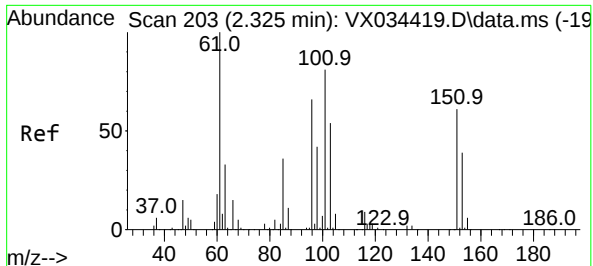
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#8
Diethyl Ether
Concen: 53.502 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.001 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Tgt Ion: 74 Resp: 99289
Ion Ratio Lower Upper
74 100
45 101.9 49.8 149.3





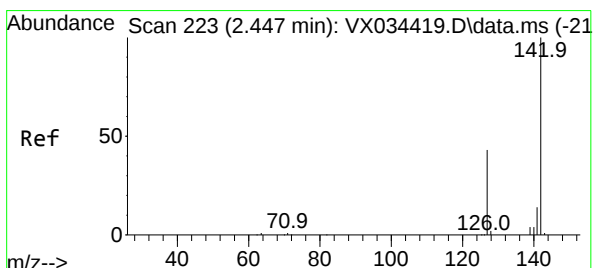
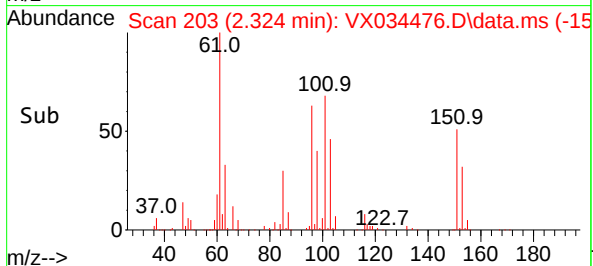
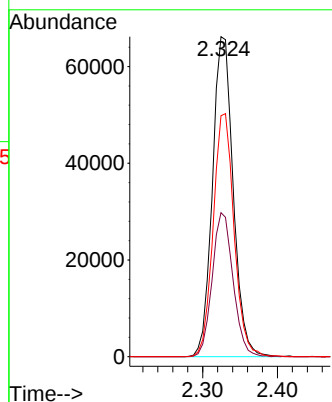
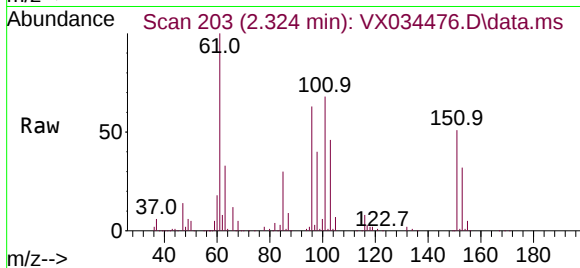
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.122 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 127750
Ion Ratio Lower Upper
101 100
85 45.2 35.4 53.2
151 76.4 60.2 90.4

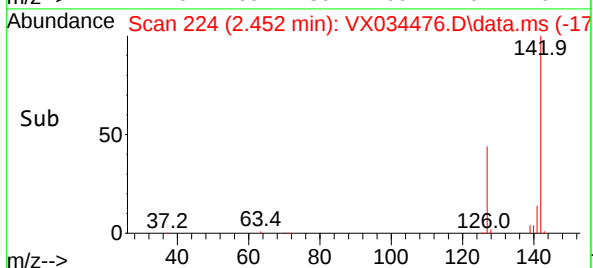
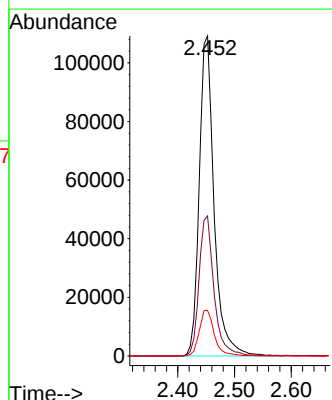
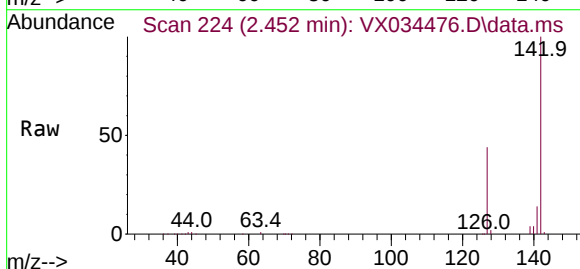
Manual Integrations
APPROVED

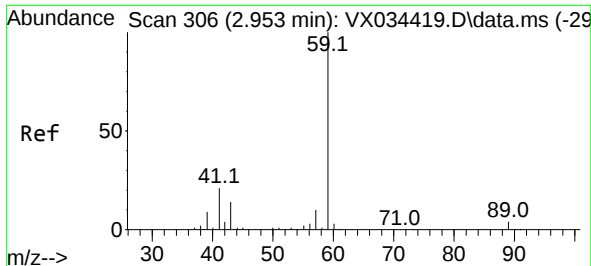
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#10
Methyl Iodide
Concen: 51.000 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

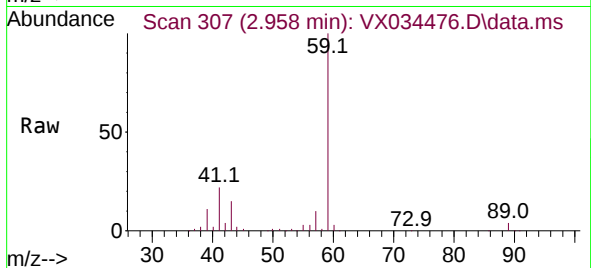
Tgt Ion:142 Resp: 198375
Ion Ratio Lower Upper
142 100
127 44.3 34.0 51.0
141 14.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 238.139 ug/l
RT: 2.958 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

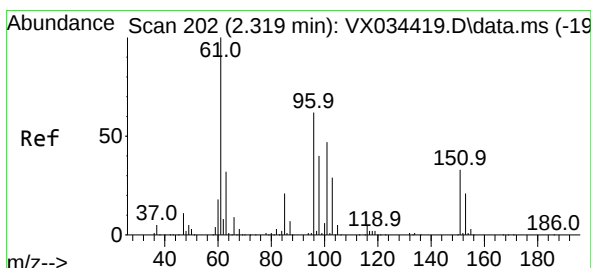
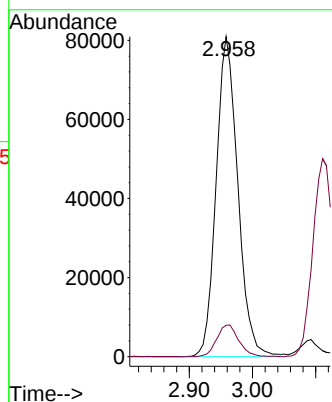
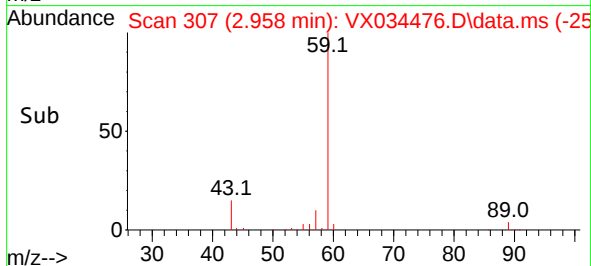
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 19228
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

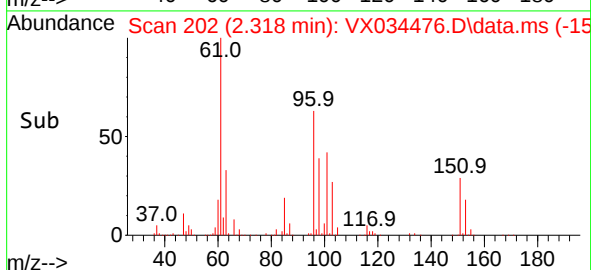
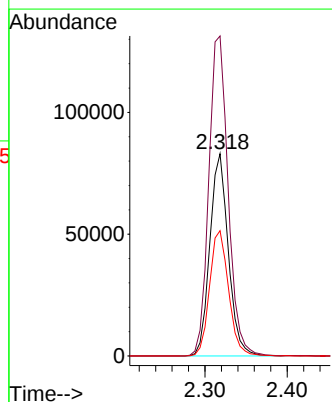
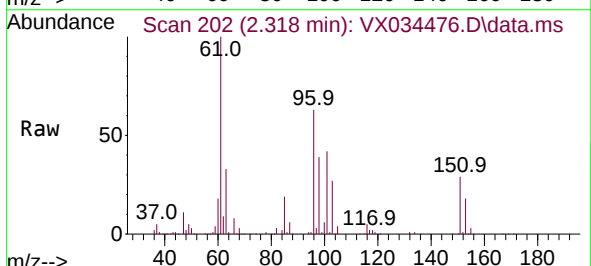
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 44.404 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

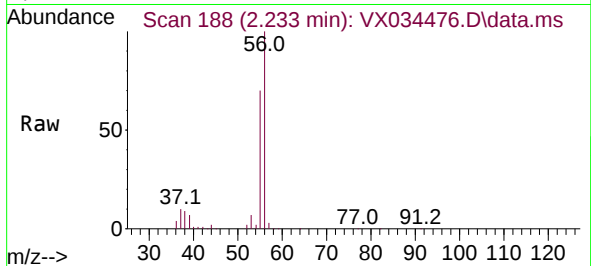
Tgt Ion: 96 Resp: 129562
Ion Ratio Lower Upper
96 100
61 158.2 128.8 193.2
98 62.0 51.4 77.0





#13
Acrolein
Concen: 269.492 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

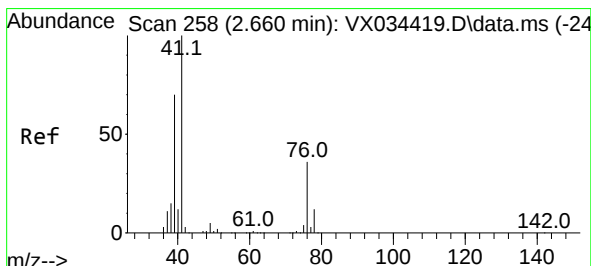
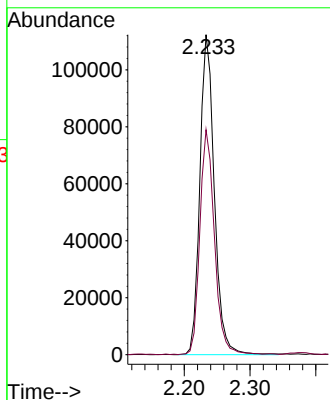
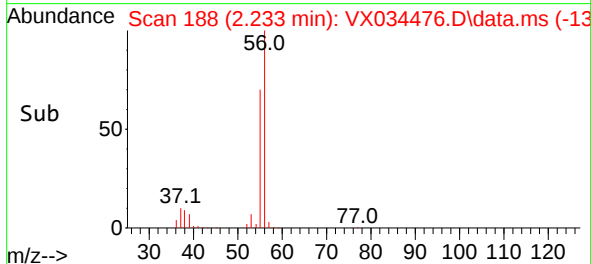
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 172145
Ion Ratio Lower Upper
56 100
55 70.8 56.6 85.0

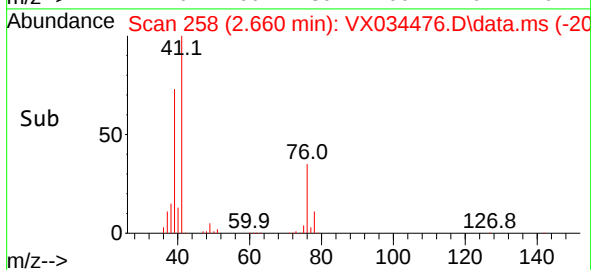
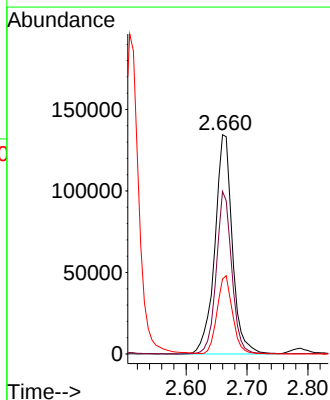
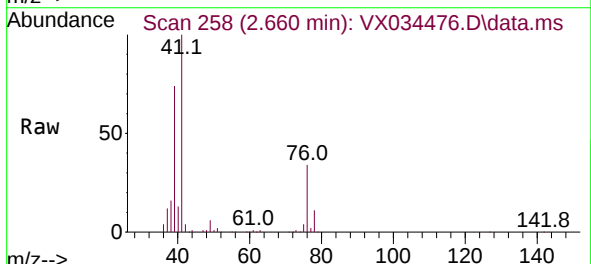
Manual Integrations
APPROVED

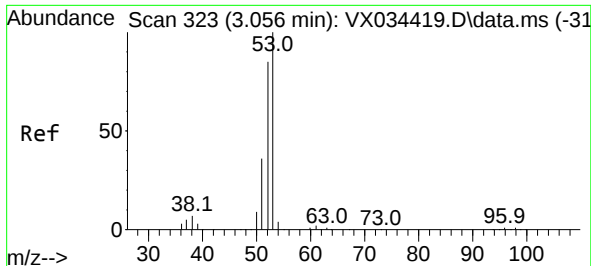
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#14
Allyl chloride
Concen: 45.474 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Tgt Ion: 41 Resp: 269002
Ion Ratio Lower Upper
41 100
39 65.6 52.4 78.6
76 31.5 26.0 39.0





#15

Acrylonitrile

Concen: 259.590 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 452792

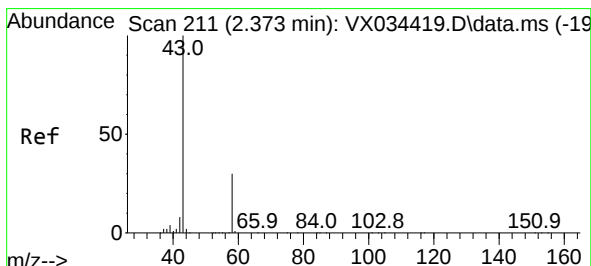
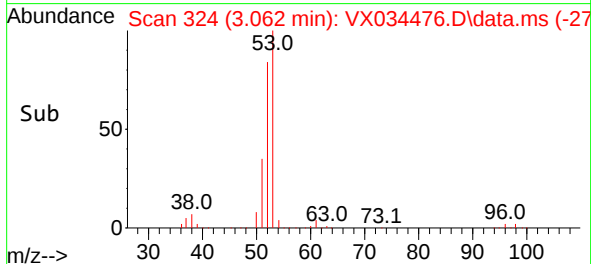
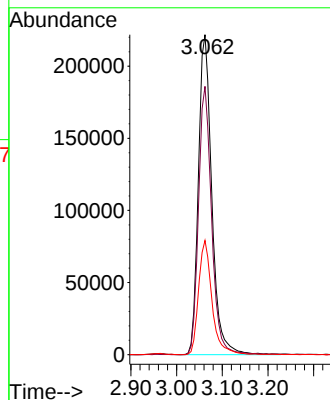
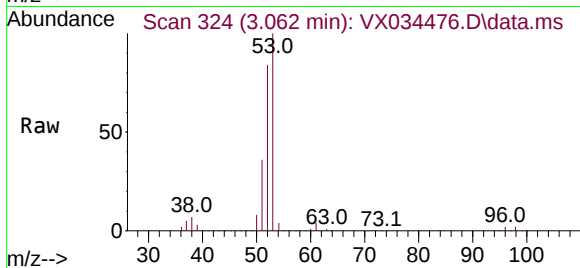
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.2	99.2
51	35.6	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#16

Acetone

Concen: 208.769 ug/l

RT: 2.379 min Scan# 212

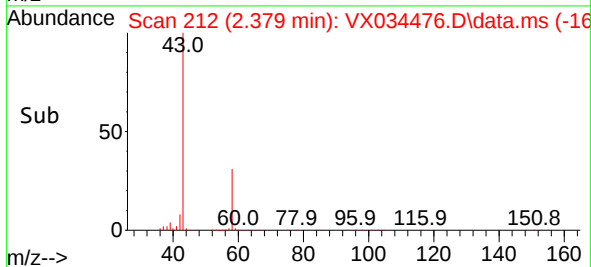
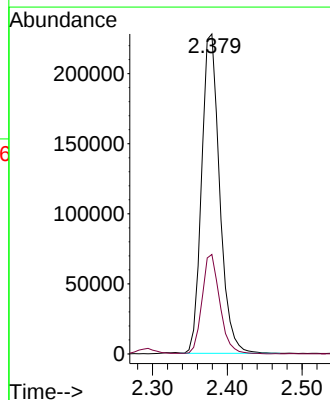
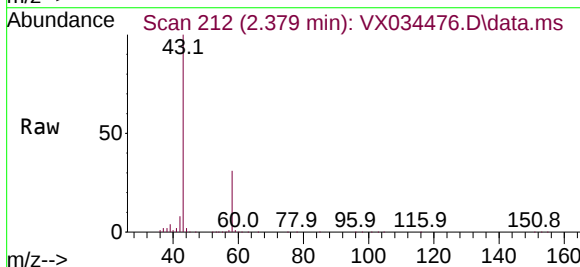
Delta R.T. 0.006 min

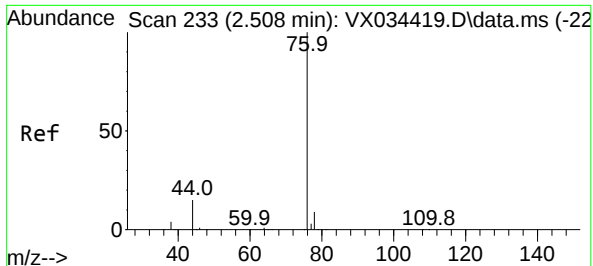
Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Tgt Ion: 43 Resp: 381314

Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.7	37.1





#17

Carbon Disulfide

Concen: 40.091 ug/l

RT: 2.507 min Scan# 21

Delta R.T. -0.001 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 329199

Ion Ratio Lower Upper

76 100

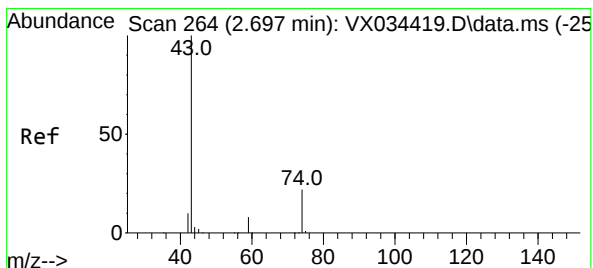
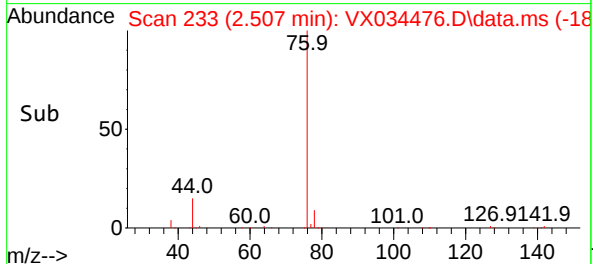
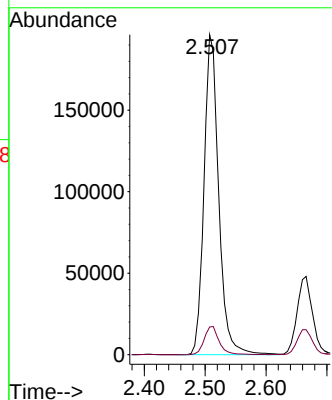
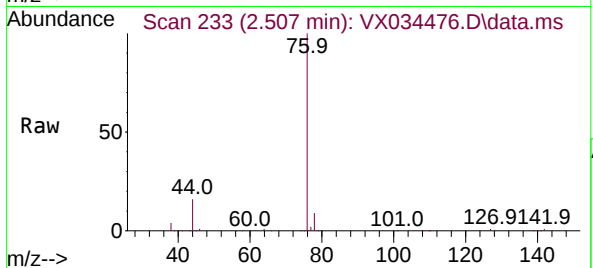
78 8.7 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#18

Methyl Acetate

Concen: 50.344 ug/l

RT: 2.702 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034476.D

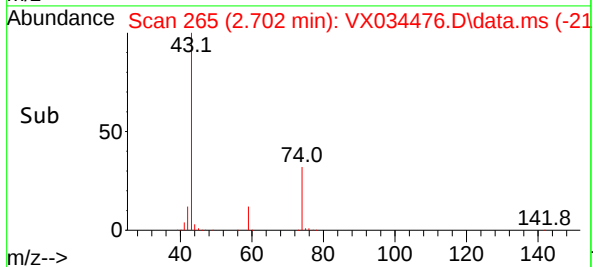
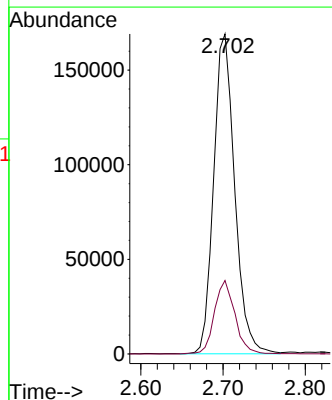
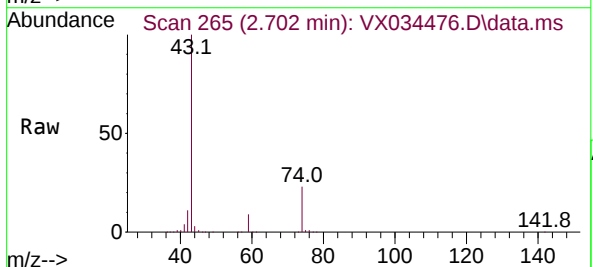
Acq: 14 Mar 2023 19:38

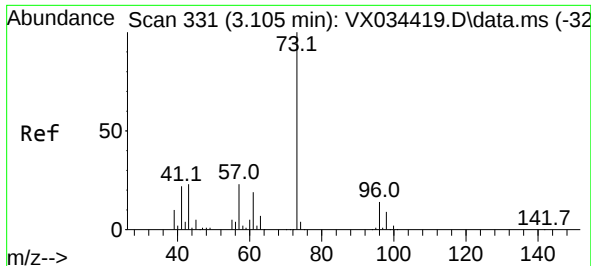
Tgt Ion: 43 Resp: 300458

Ion Ratio Lower Upper

43 100

74 22.5 18.3 27.5





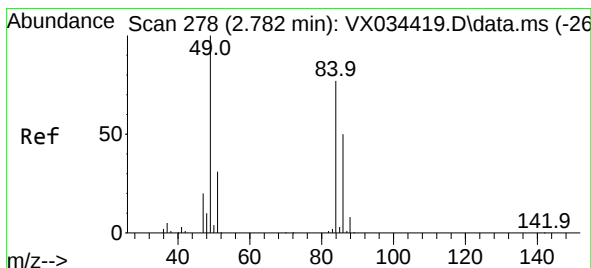
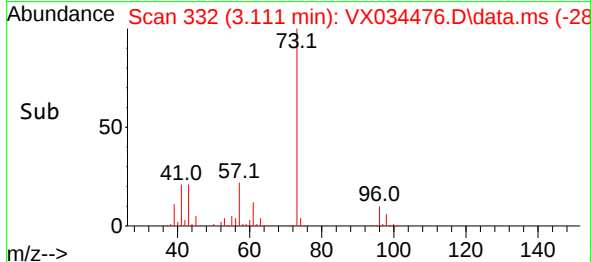
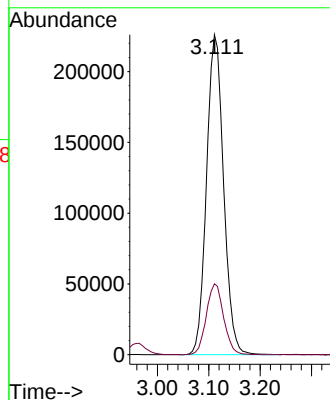
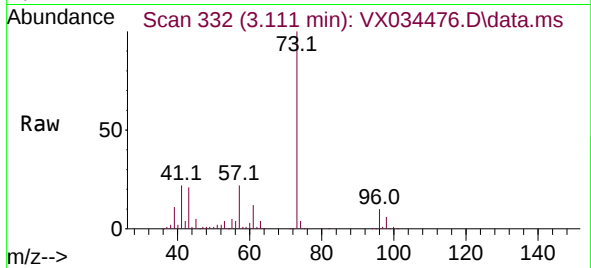
#19
Methyl tert-butyl Ether
Concen: 49.873 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 52103
Ion Ratio Lower Upper
73 100
57 22.2 18.5 27.7

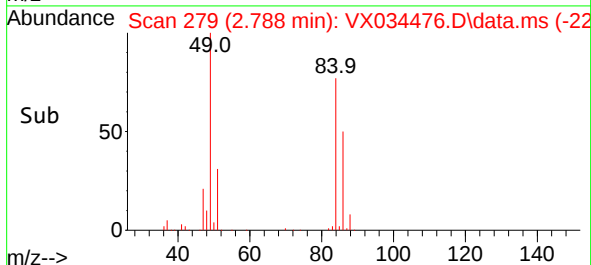
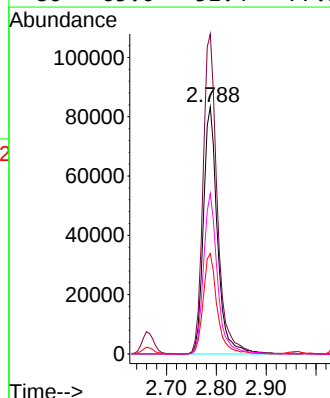
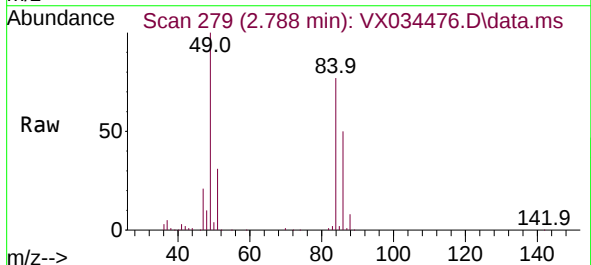
Manual Integrations
APPROVED

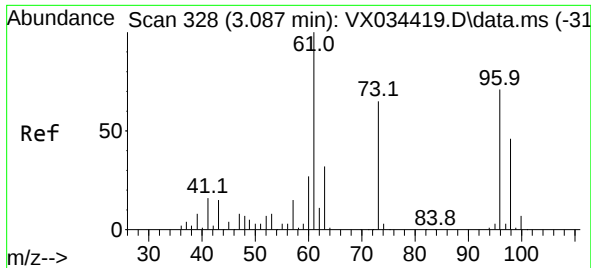
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#20
Methylene Chloride
Concen: 45.867 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

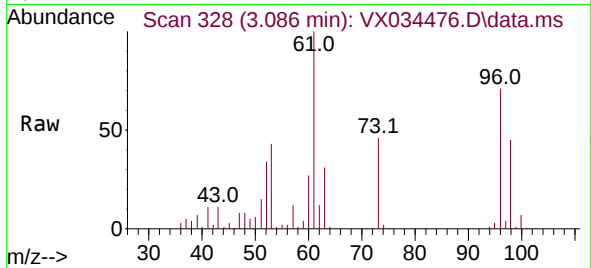
Tgt Ion: 84 Resp: 162590
Ion Ratio Lower Upper
84 100
49 129.5 103.8 155.8
51 40.6 31.8 47.8
86 65.0 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 48.051 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

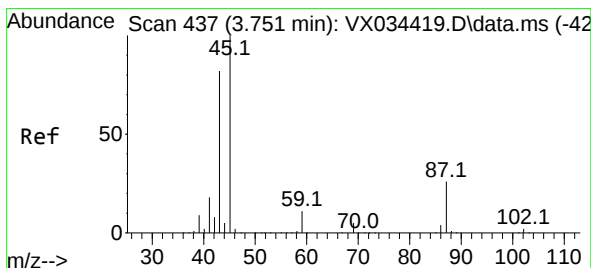
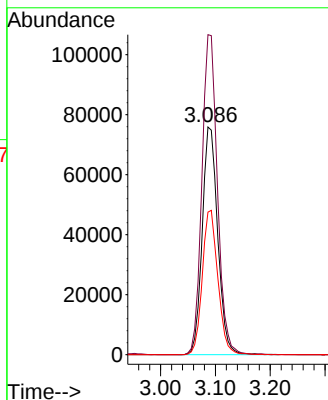
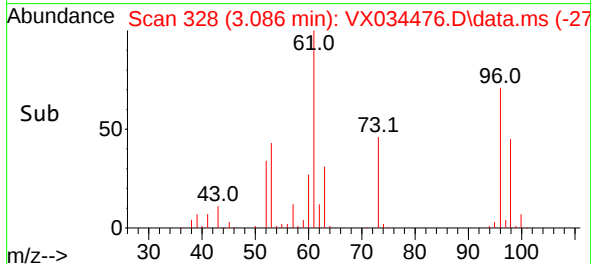
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



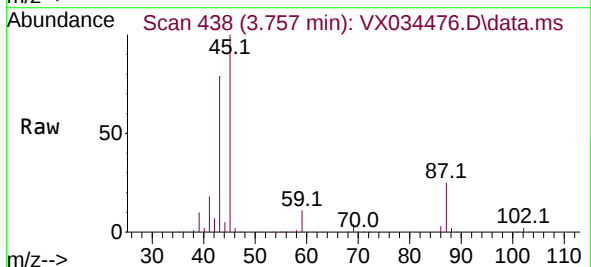
Tgt Ion: 96 Resp: 148890
Ion Ratio Lower Upper
96 100
61 140.6 113.0 169.6
98 62.7 52.1 78.1

Manual Integrations
APPROVED

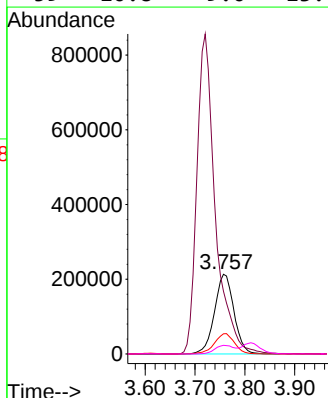
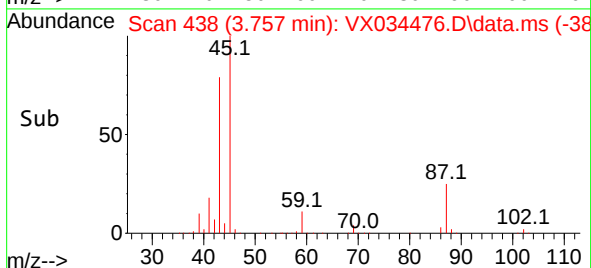
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

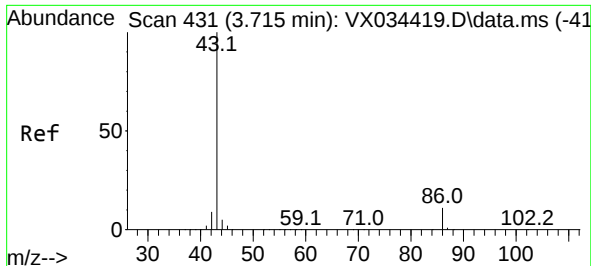


#22
Diisopropyl ether
Concen: 51.213 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38



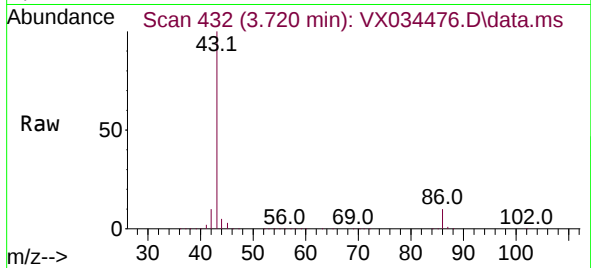
Tgt Ion: 45 Resp: 577604
Ion Ratio Lower Upper
45 100
43 78.5 65.4 98.2
87 25.2 20.6 31.0
59 10.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 257.170 ug/l
 RT: 3.720 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034476.D
 Acq: 14 Mar 2023 19:38

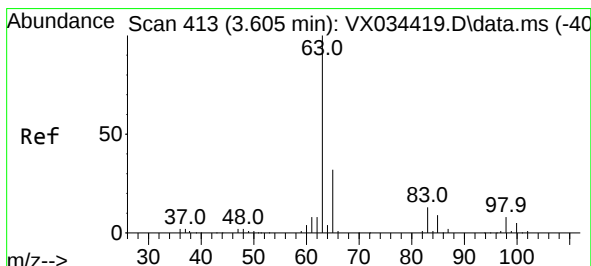
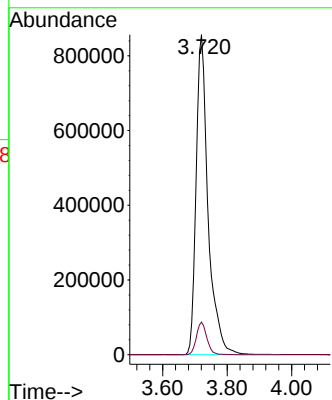
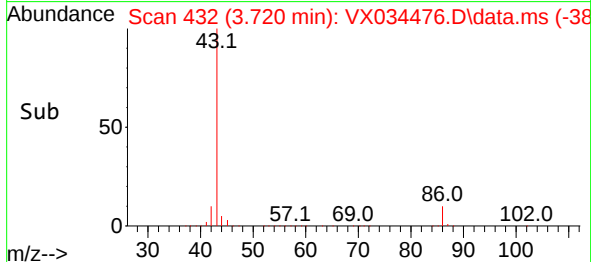
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 220745
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

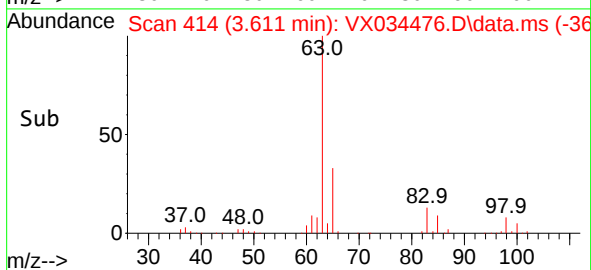
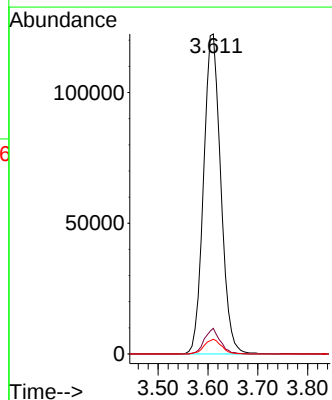
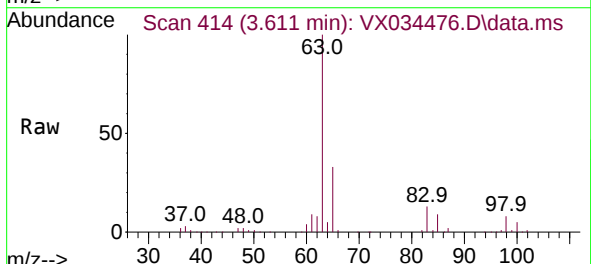
Manual Integrations
 APPROVED

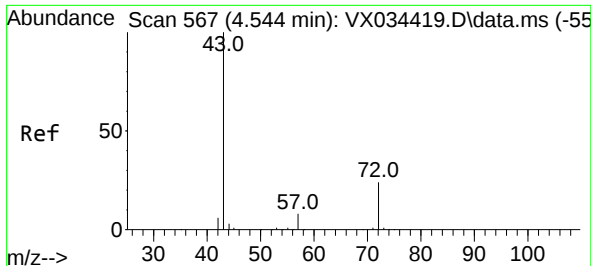
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#24
 1,1-Dichloroethane
 Concen: 48.347 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034476.D
 Acq: 14 Mar 2023 19:38

Tgt Ion: 63 Resp: 293118
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.2
 100 4.6 2.4 7.1





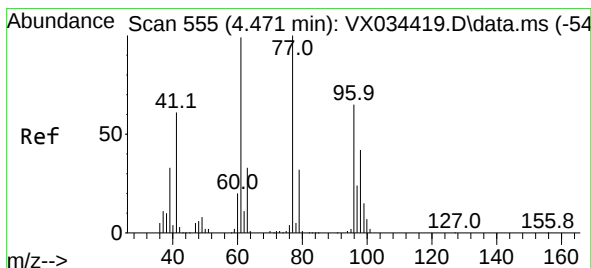
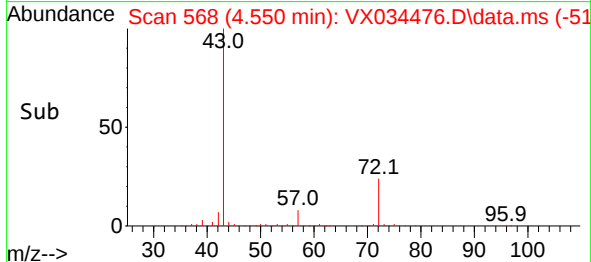
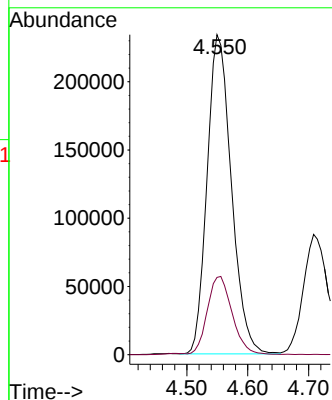
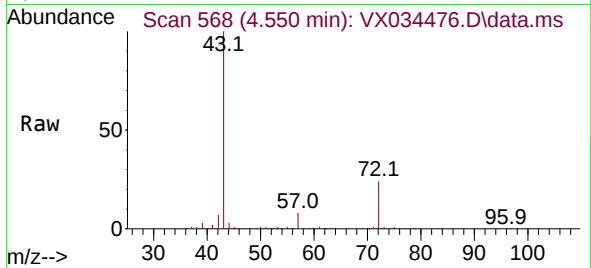
#25
2-Butanone
Concen: 247.723 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 64741
Ion Ratio Lower Upper
43 100
72 24.1 19.3 28.9

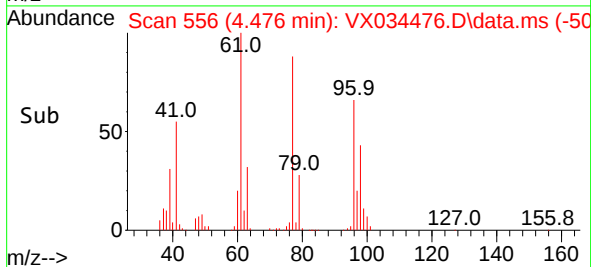
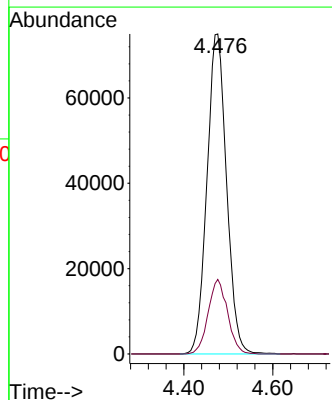
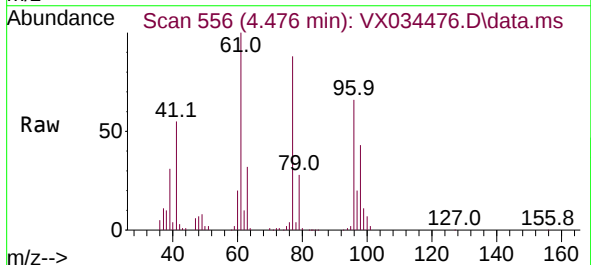
Manual Integrations
APPROVED

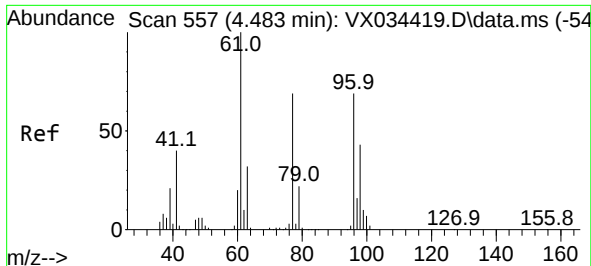
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#26
2,2-Dichloropropane
Concen: 43.571 ug/l
RT: 4.476 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Tgt Ion: 77 Resp: 229617
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.481 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 18084

Ion Ratio Lower Upper

96 100

61 148.8 0.0 300.4

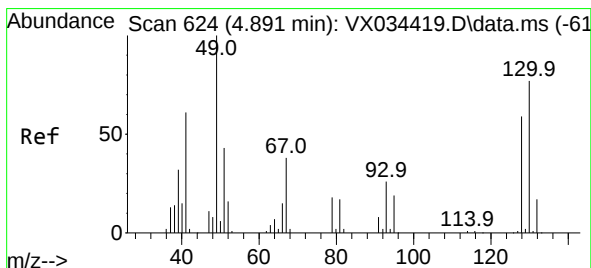
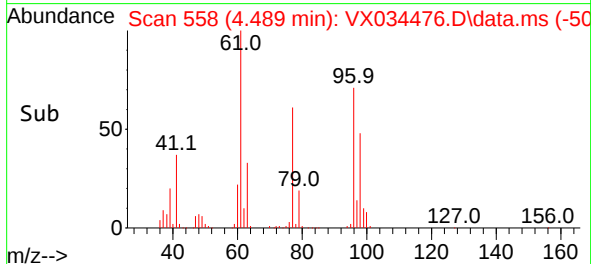
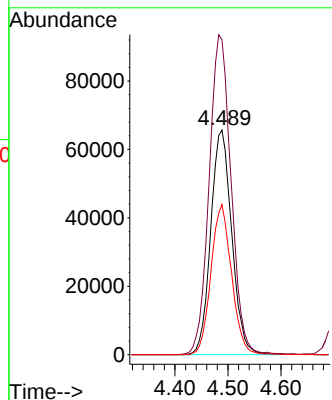
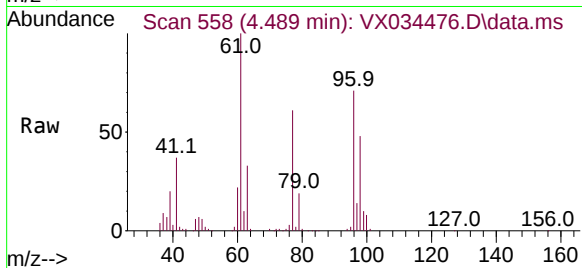
98 65.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#28

Bromochloromethane

Concen: 50.758 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

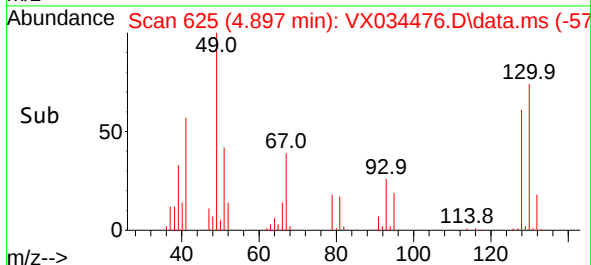
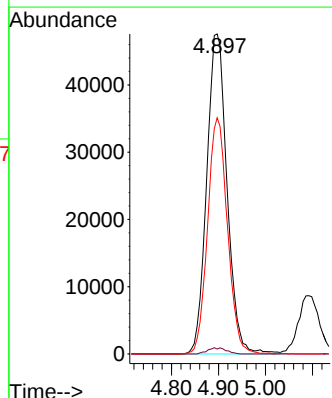
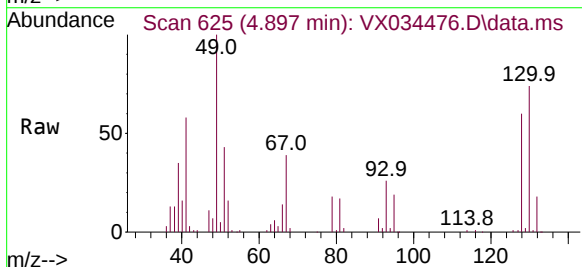
Tgt Ion: 49 Resp: 143087

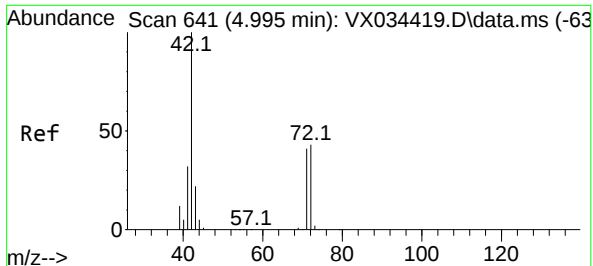
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 71.9 58.2 87.2





#29

Tetrahydrofuran

Concen: 263.776 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

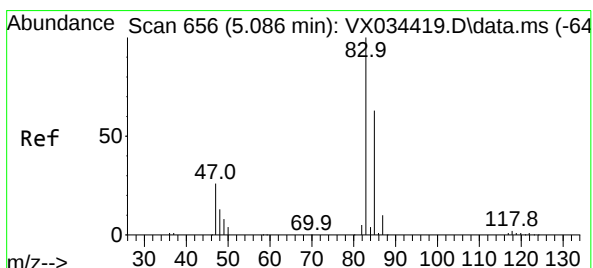
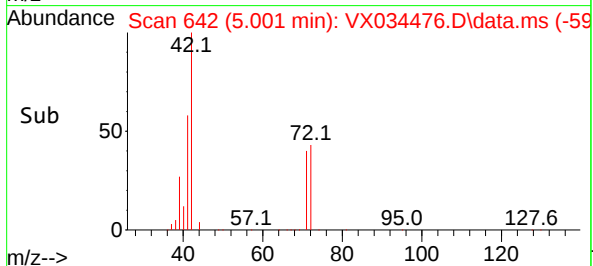
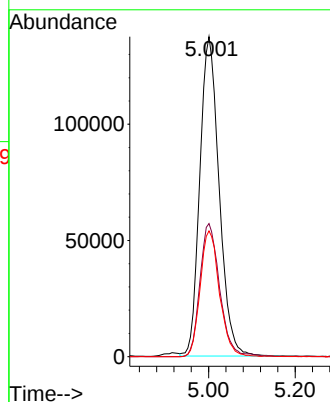
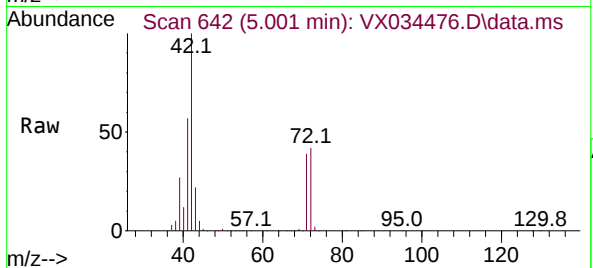
Tgt Ion: 42 Resp: 425379
 Ion Ratio Lower Upper
 42 100
 72 42.7 34.5 51.7
 71 39.3 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#30

Chloroform

Concen: 50.890 ug/l

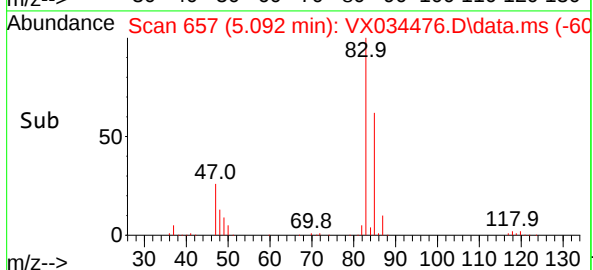
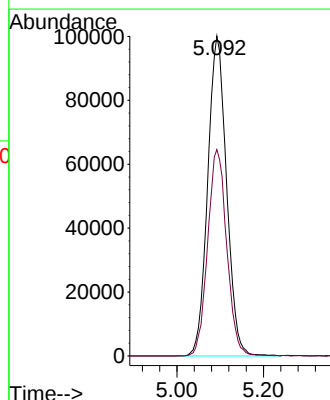
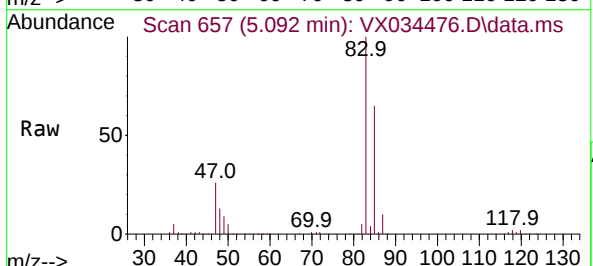
RT: 5.092 min Scan# 657

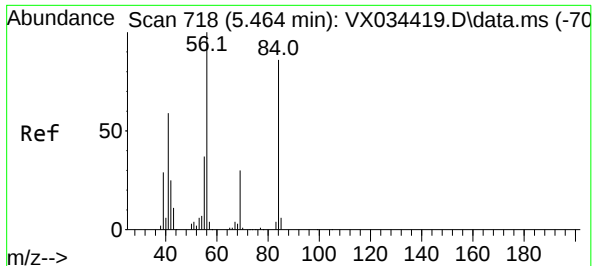
Delta R.T. 0.006 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

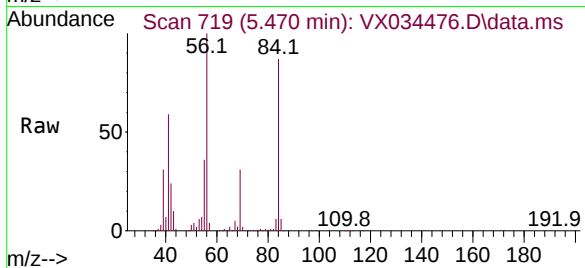
Tgt Ion: 83 Resp: 302438
 Ion Ratio Lower Upper
 83 100
 85 64.5 50.6 76.0





#31
Cyclohexane
Concen: 43.668 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

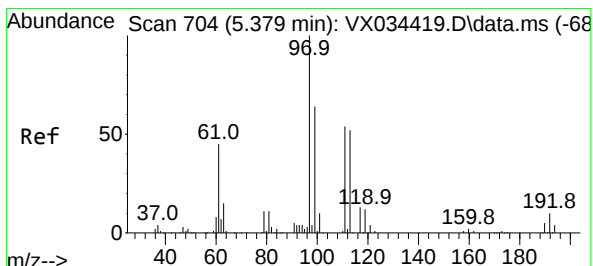
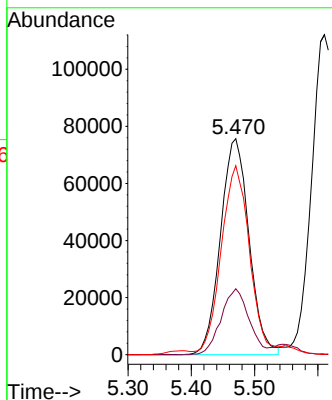
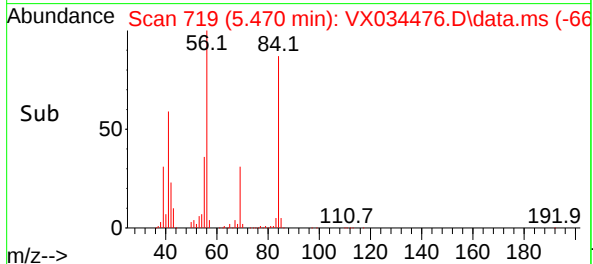
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 23746
Ion Ratio Lower Upper
56 100
69 30.6 23.7 35.5
84 85.8 68.5 102.7

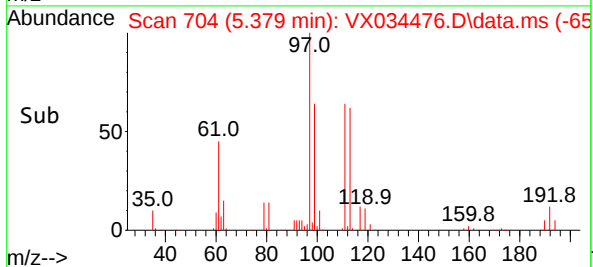
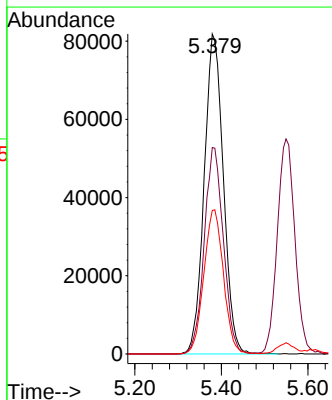
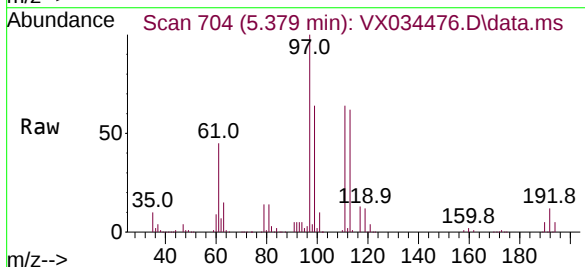
Manual Integrations
APPROVED

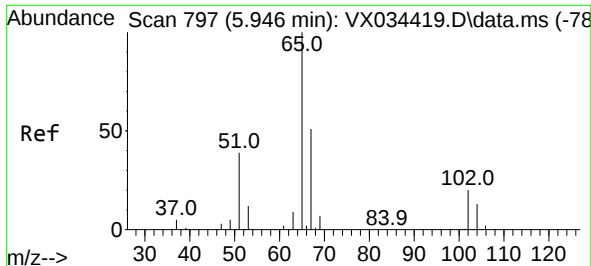
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#32
1,1,1-Trichloroethane
Concen: 47.846 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Tgt Ion: 97 Resp: 251721
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 46.2 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 51.968 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 20150

Ion Ratio Lower Upper

65 100

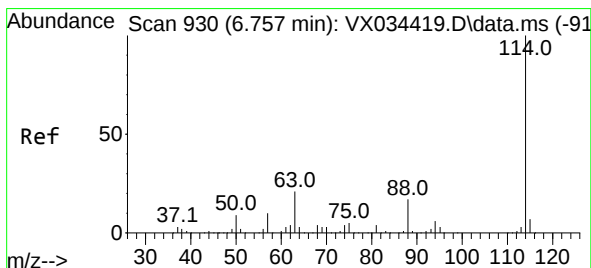
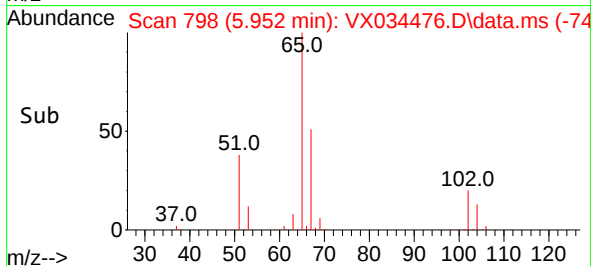
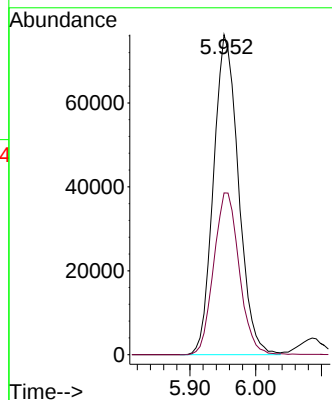
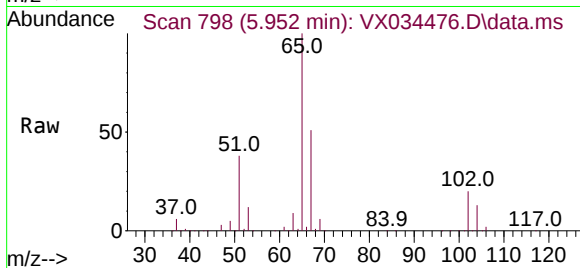
67 51.6 0.0 104.0

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: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

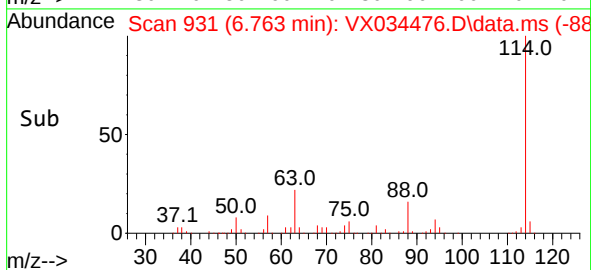
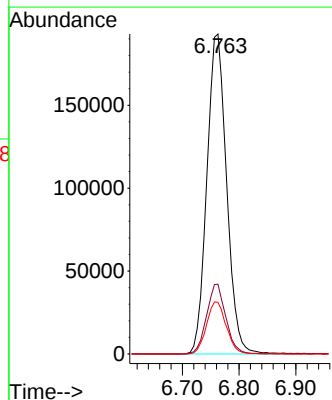
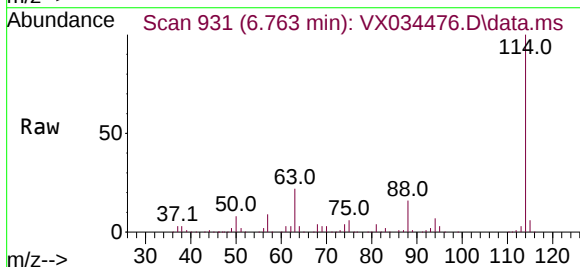
Tgt Ion:114 Resp: 466438

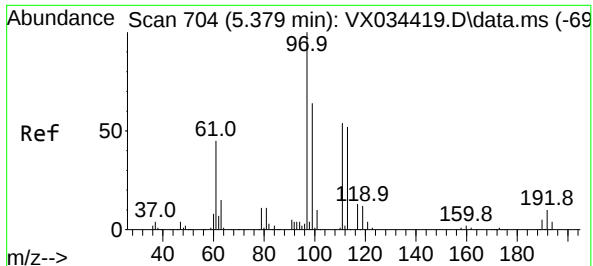
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.2

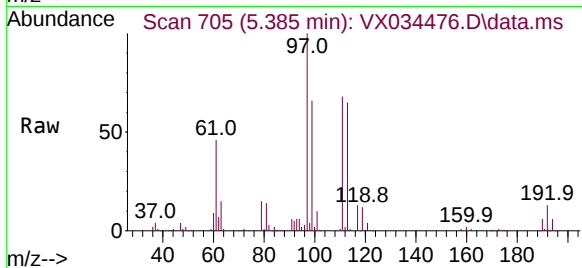
88 16.2 0.0 33.2





#35
Dibromofluoromethane
Concen: 50.502 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

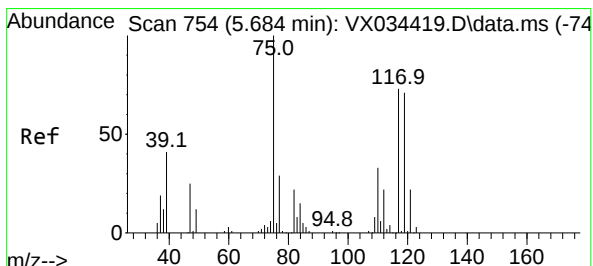
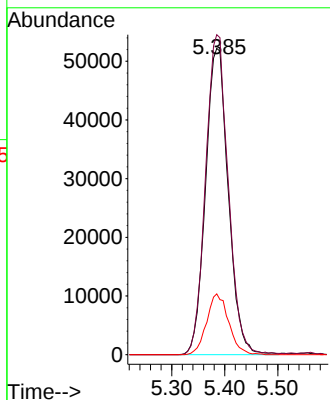
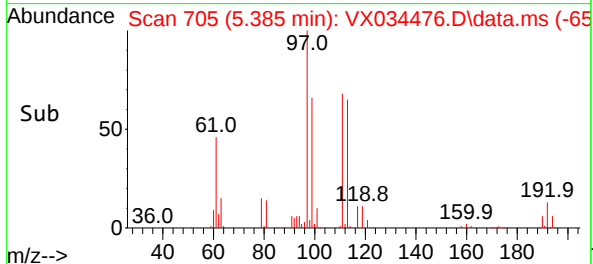
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 155528
Ion Ratio Lower Upper
113 100
111 104.2 83.7 125.5
192 19.2 15.4 23.2

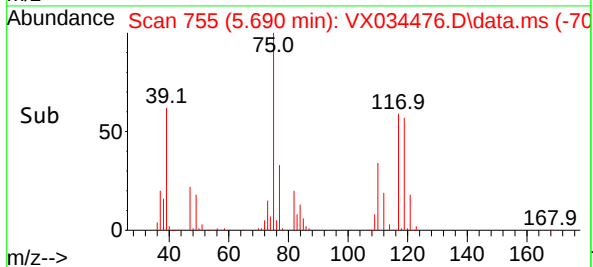
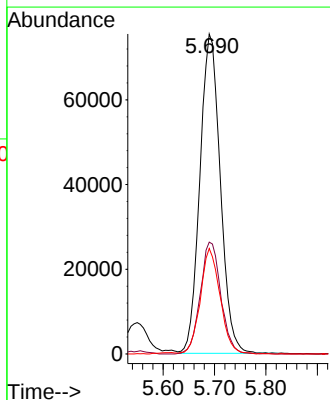
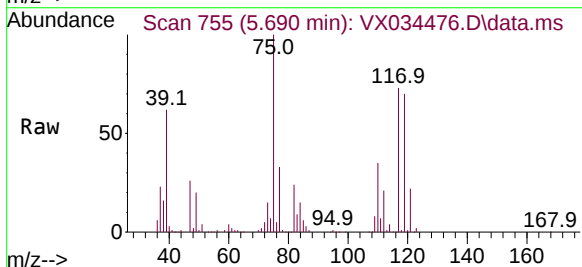
Manual Integrations
APPROVED

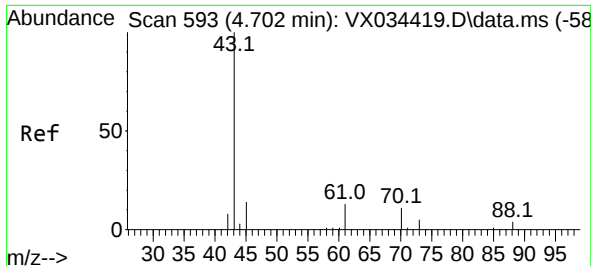
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#36
1,1-Dichloropropene
Concen: 44.036 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Tgt Ion: 75 Resp: 208298
Ion Ratio Lower Upper
75 100
110 35.2 17.5 52.5
77 32.0 24.3 36.5





#37

Ethyl Acetate

Concen: 49.014 ug/l

RT: 4.708 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 253279

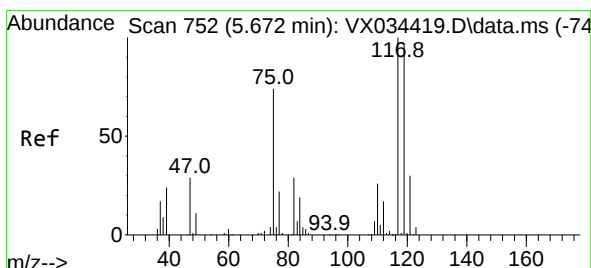
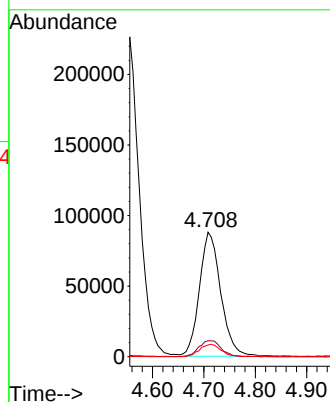
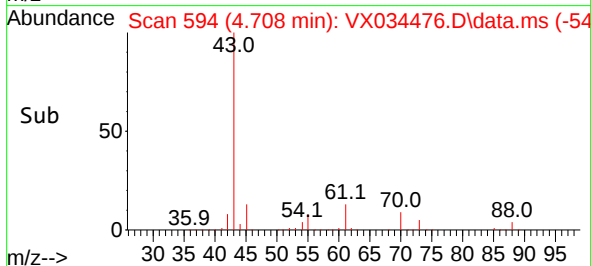
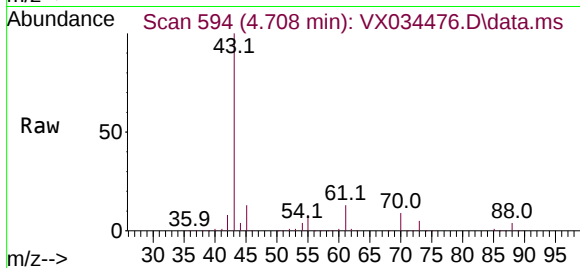
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.2	15.4
70	10.0	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#38

Carbon Tetrachloride

Concen: 44.681 ug/l

RT: 5.677 min Scan# 753

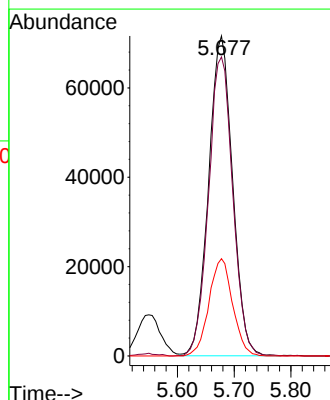
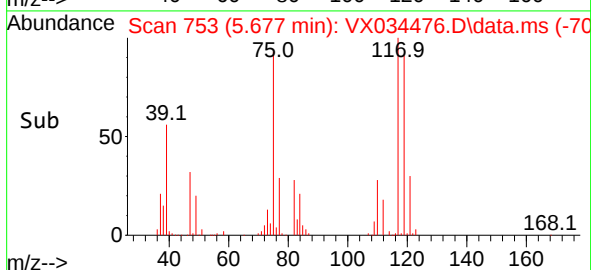
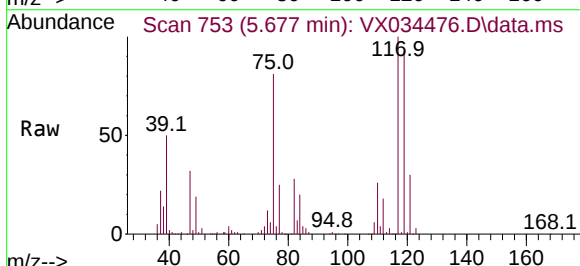
Delta R.T. 0.006 min

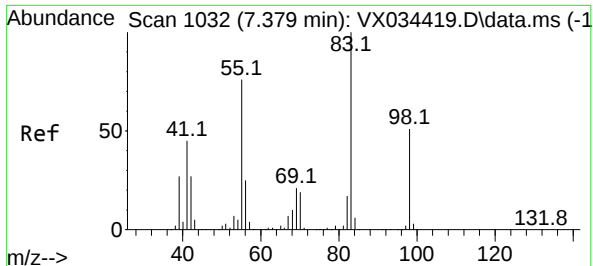
Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Tgt Ion:117 Resp: 210250

Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.6	114.8
121	30.4	23.8	35.6





#39

Methylcyclohexane

Concen: 41.405 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 23438

Ion Ratio Lower Upper

83 100

55 80.5 60.5 90.7

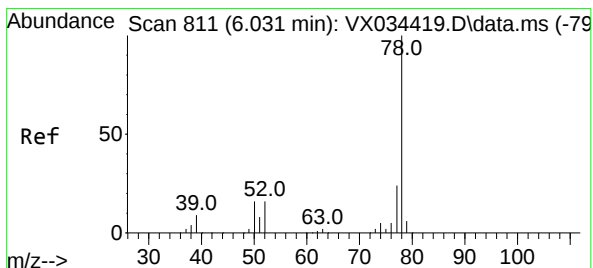
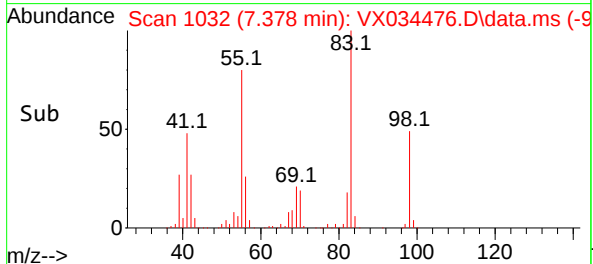
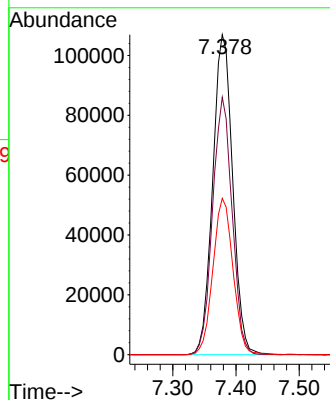
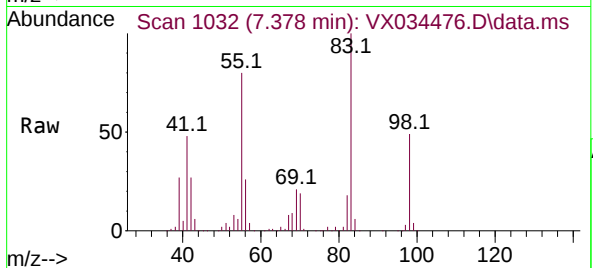
98 48.8 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#40

Benzene

Concen: 47.424 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034476.D

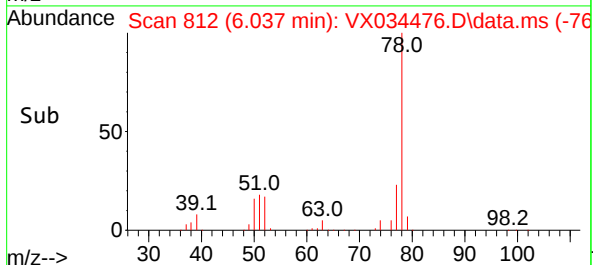
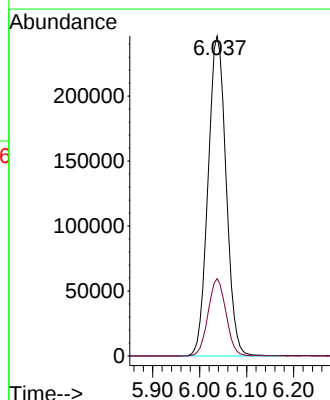
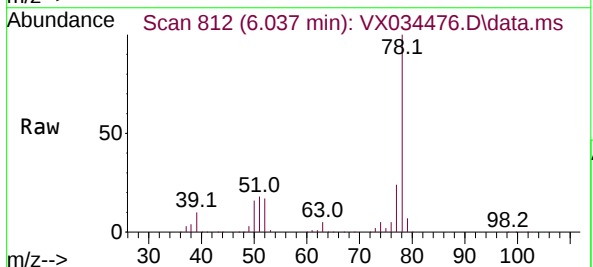
Acq: 14 Mar 2023 19:38

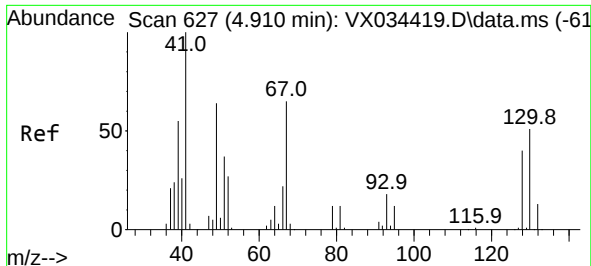
Tgt Ion: 78 Resp: 656224

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4





#41
Methacrylonitrile
Concen: 50.369 ug/l
RT: 4.915 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

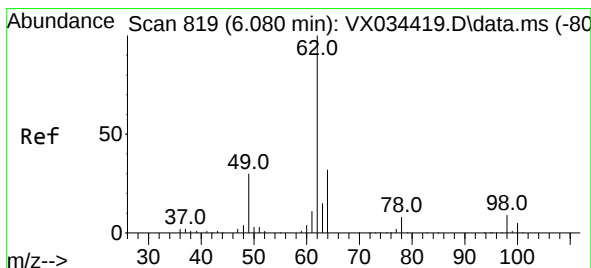
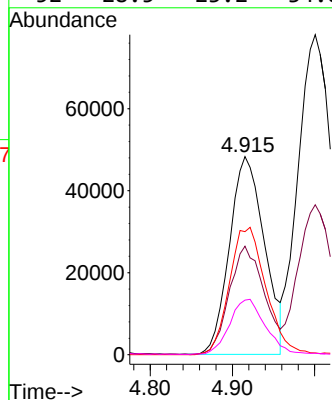
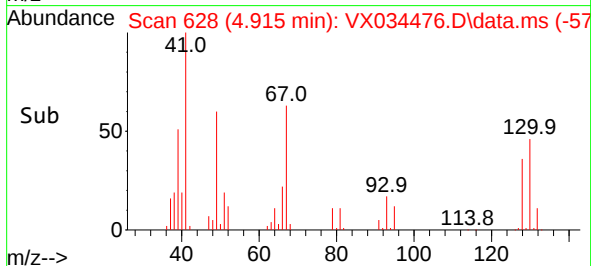
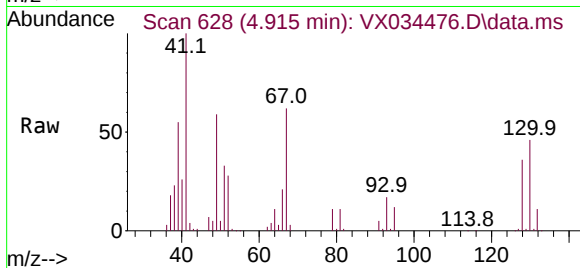
Tgt Ion: 41 Resp: 142644
Ion Ratio Lower Upper
41 100
39 55.0 45.0 67.6
67 67.8 55.6 83.4
52 28.5 23.2 34.8

Manual Integrations

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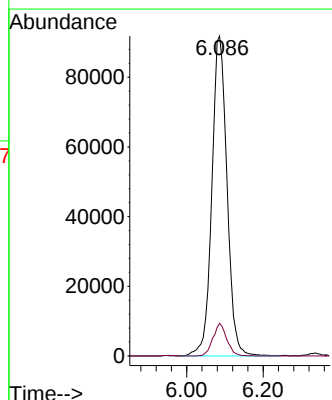
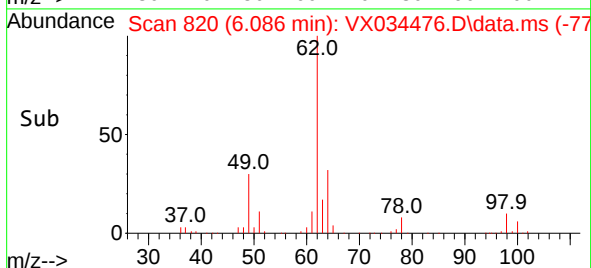
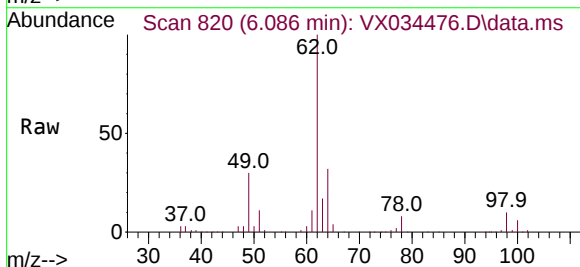
Reviewed By :John Carlone 03/15/2023

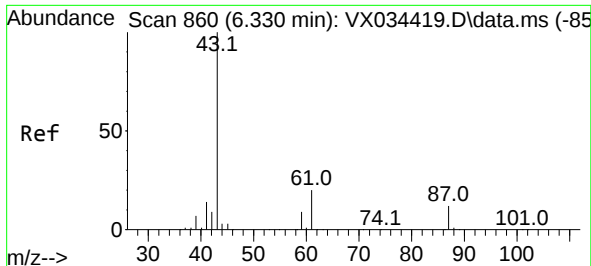
Supervised By :Mahesh Dadoda 03/15/2023



#42
1,2-Dichloroethane
Concen: 49.684 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Tgt Ion: 62 Resp: 252668
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.0





#43

Isopropyl Acetate

Concen: 49.986 ug/l

RT: 6.336 min Scan# 860

Delta R.T. 0.006 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

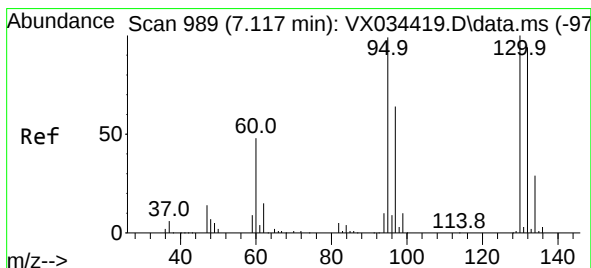
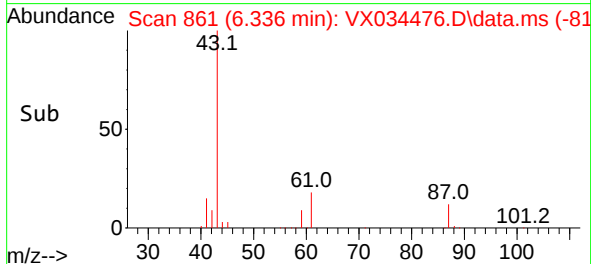
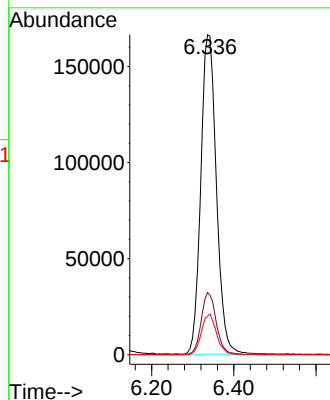
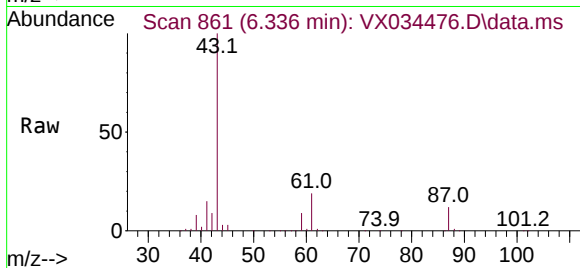
Tgt Ion: 43	Resp: 437589
Ion Ratio	Lower Upper
43	100
61	18.7 15.2 22.8
87	12.3 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#44

Trichloroethene

Concen: 45.687 ug/l

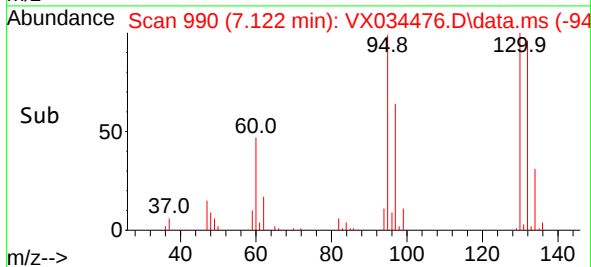
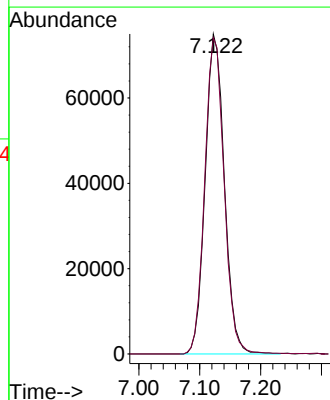
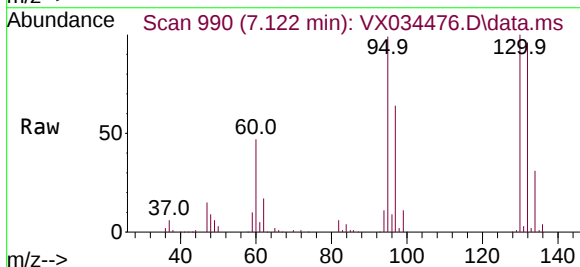
RT: 7.122 min Scan# 990

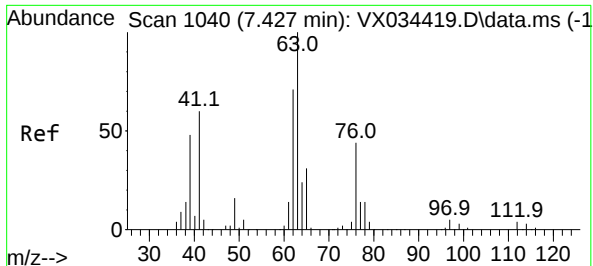
Delta R.T. 0.006 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Tgt Ion:130	Resp: 164259
Ion Ratio	Lower Upper
130	100
95	98.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 48.813 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 176364

Ion Ratio Lower Upper

63 100

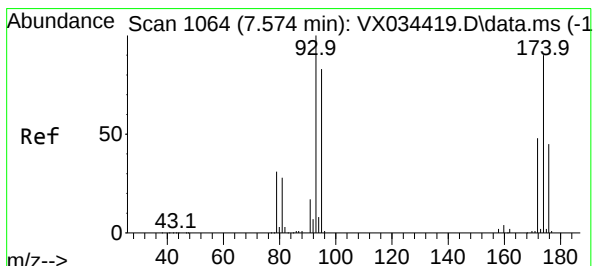
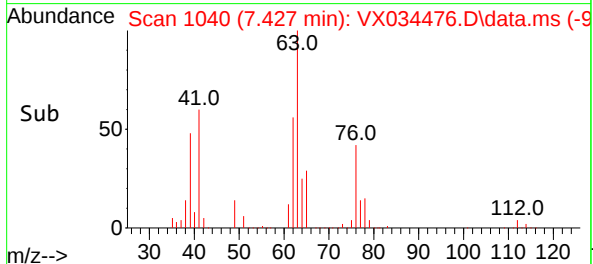
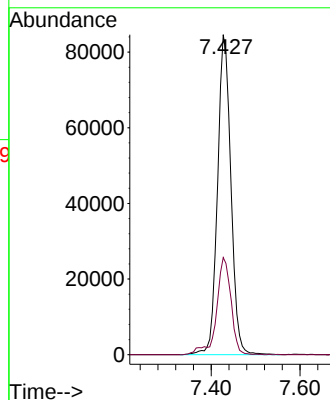
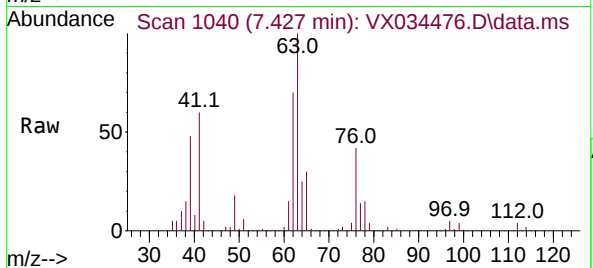
65 30.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#46

Dibromomethane

Concen: 49.412 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

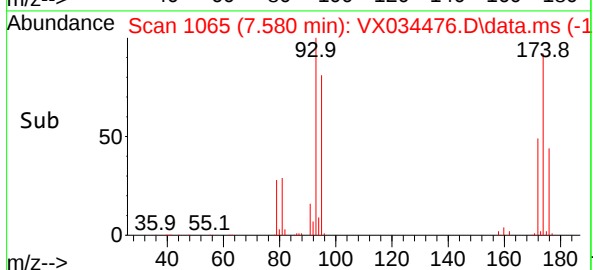
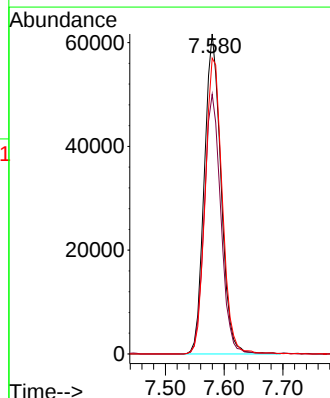
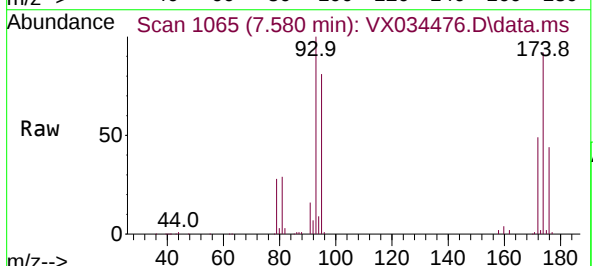
Tgt Ion: 93 Resp: 121372

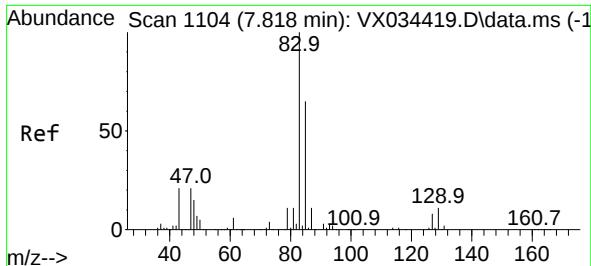
Ion Ratio Lower Upper

93 100

95 80.8 66.9 100.3

174 94.6 75.4 113.0





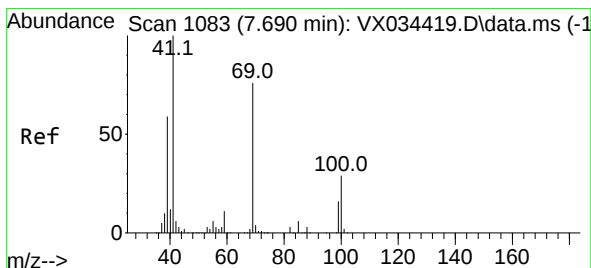
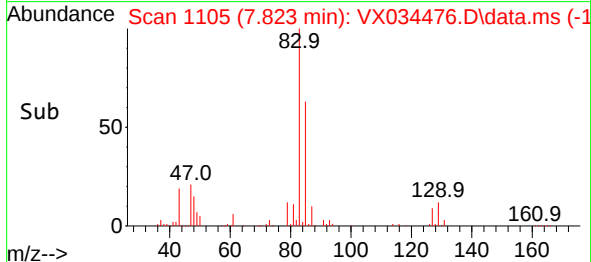
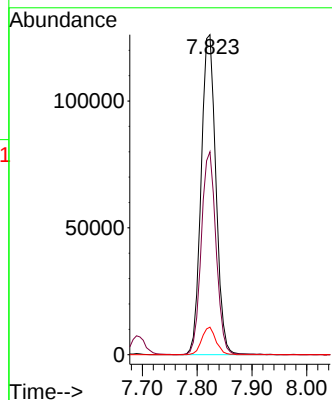
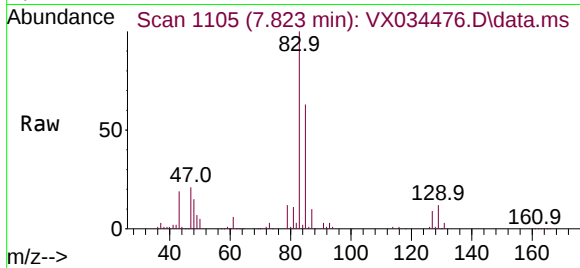
#47
Bromodichloromethane
Concen: 49.490 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 23527
Ion Ratio Lower Upper
83 100
85 63.3 52.2 78.4
127 8.6 6.6 9.8

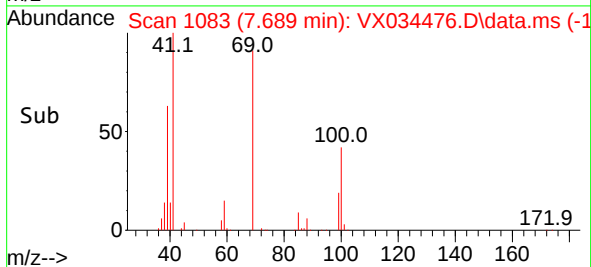
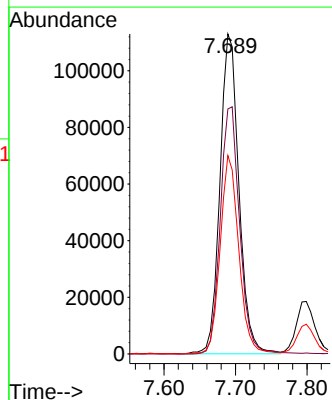
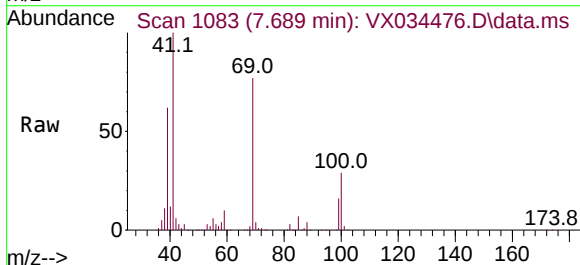
Manual Integrations
APPROVED

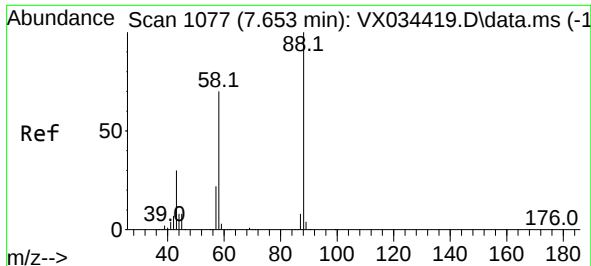
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#48
Methyl methacrylate
Concen: 49.404 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Tgt Ion: 41 Resp: 208007
Ion Ratio Lower Upper
41 100
69 79.4 62.2 93.4
39 61.0 47.7 71.5





#49

1,4-Dioxane

Concen: 1062.500 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

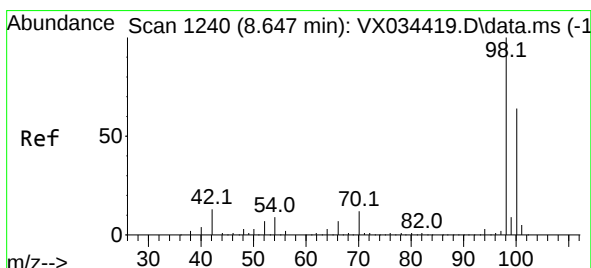
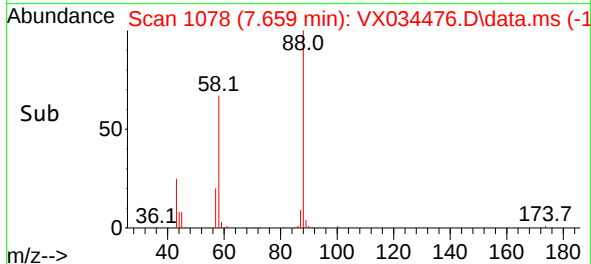
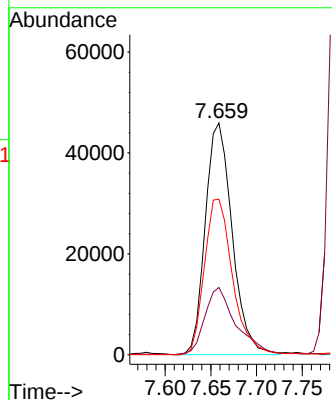
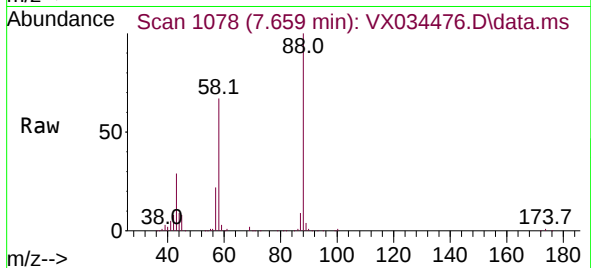
Tgt Ion:	88	Resp:	9395
Ion Ratio	Lower	Upper	
88	100		
43	33.9	27.7	41.5
58	70.6	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#50

Toluene-d8

Concen: 51.074 ug/l

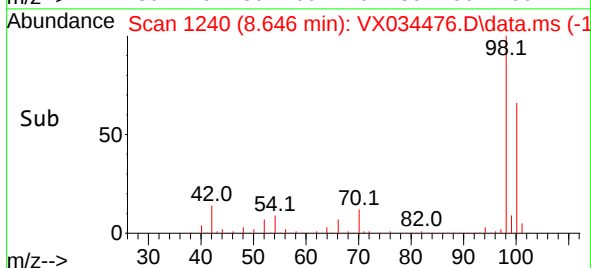
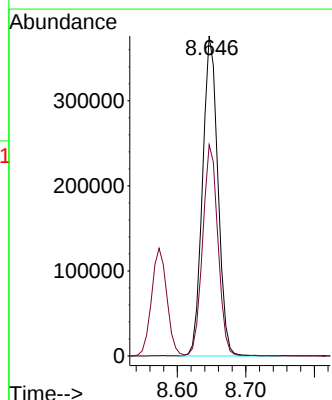
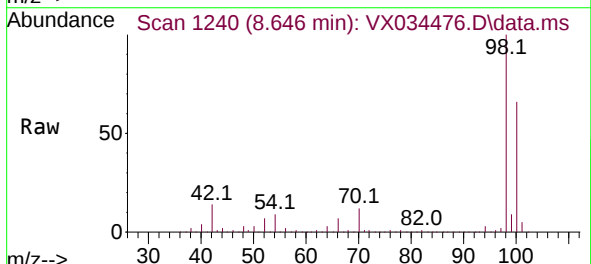
RT: 8.646 min Scan# 1240

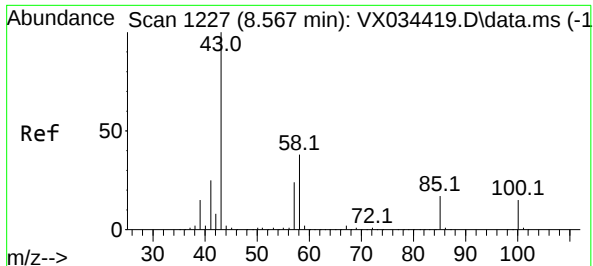
Delta R.T. -0.000 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Tgt Ion:	98	Resp:	587172
Ion Ratio	Lower	Upper	
98	100		
100	65.6	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 262.706 ug/l
RT: 8.573 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

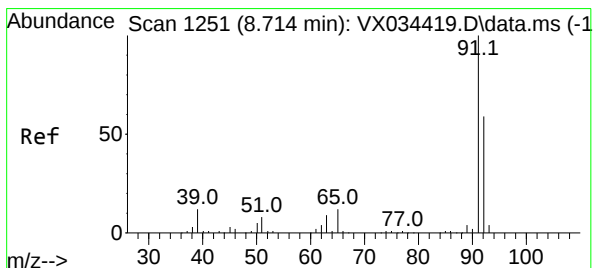
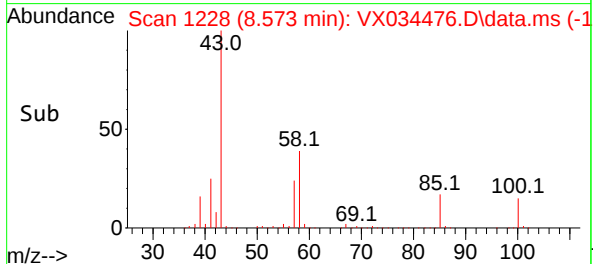
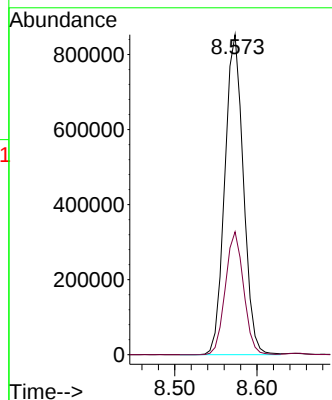
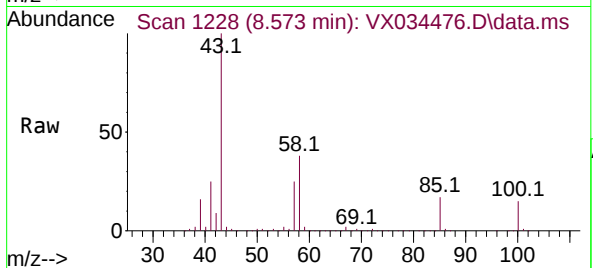
VSTDCCC050EC

Tgt Ion: 43 Resp: 1334118
Ion Ratio Lower Upper
43 100
58 37.8 30.6 46.0

Manual Integrations

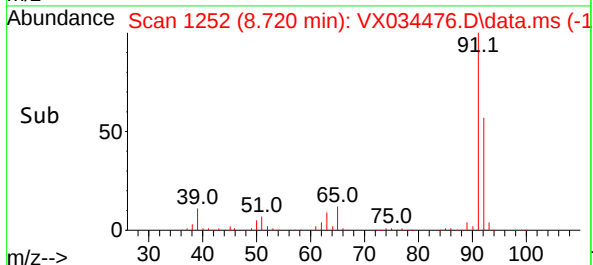
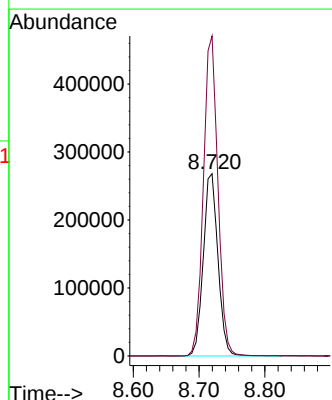
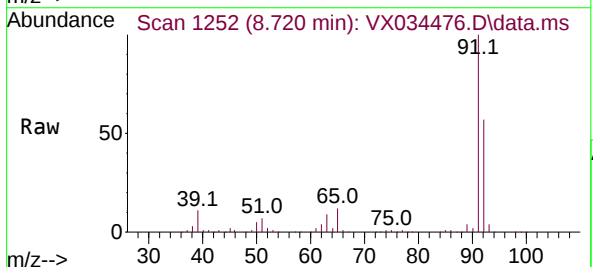
APPROVED

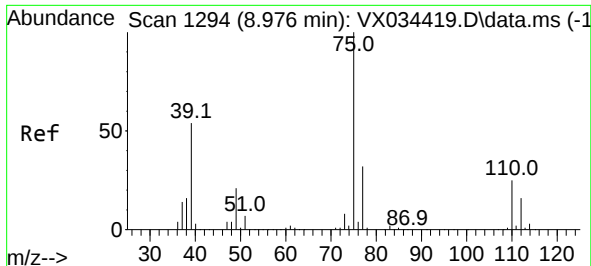
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#52
Toluene
Concen: 48.511 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Tgt Ion: 92 Resp: 415588
Ion Ratio Lower Upper
92 100
91 173.4 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 49.670 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

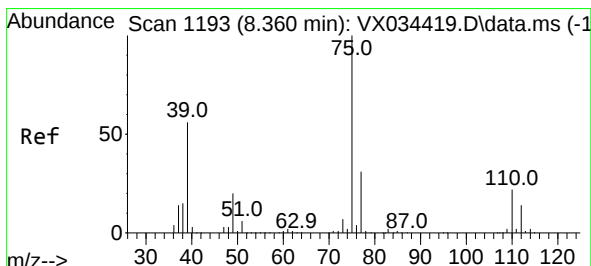
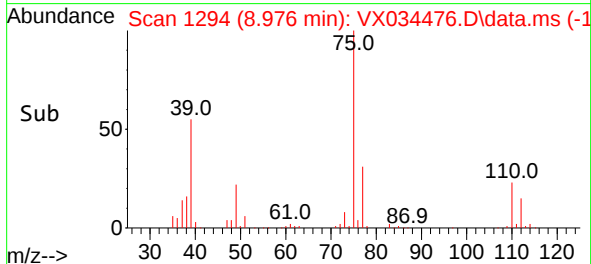
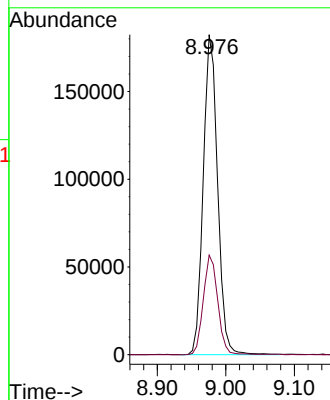
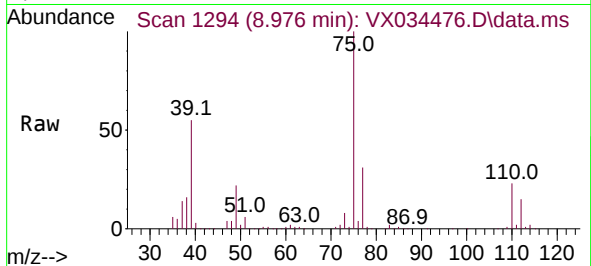
VSTDCCC050EC

Tgt Ion: 75 Resp: 26602
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2

Manual Integrations

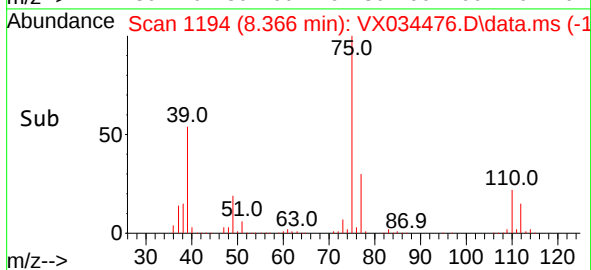
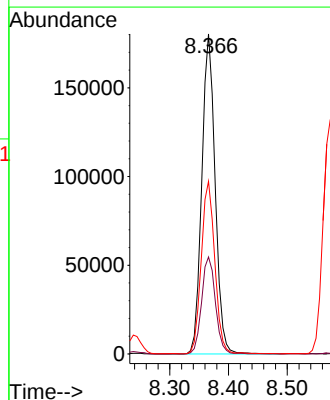
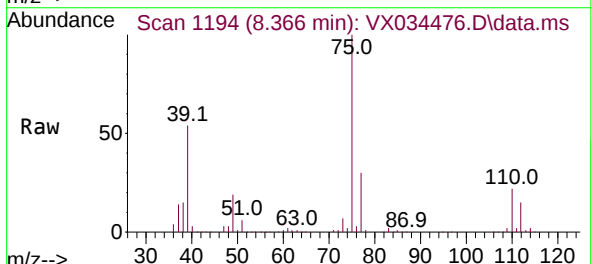
APPROVED

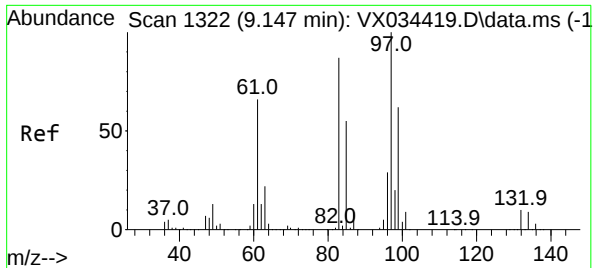
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#54
cis-1,3-Dichloropropene
Concen: 49.129 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

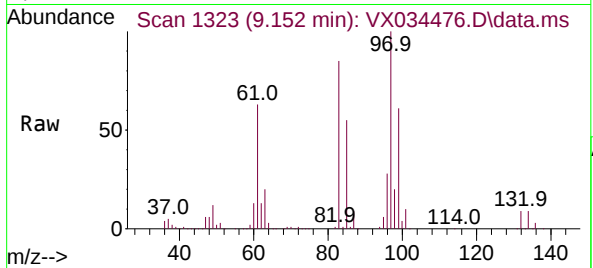
Tgt Ion: 75 Resp: 284672
Ion Ratio Lower Upper
75 100
77 30.3 25.0 37.4
39 53.9 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 51.569 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

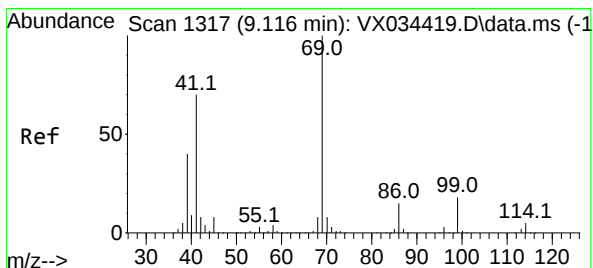
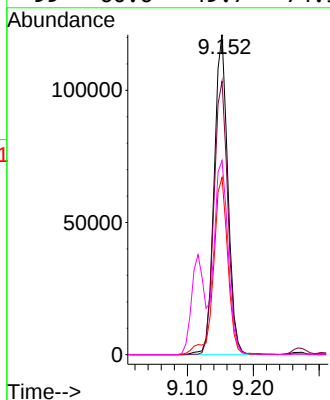
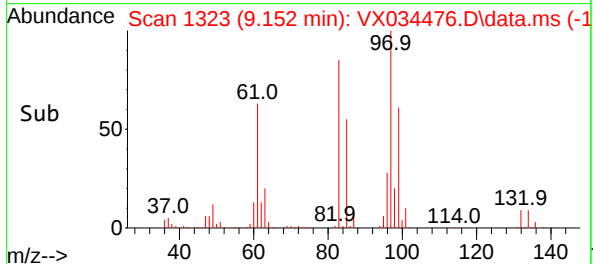


Tgt Ion: 97 Resp: 17532

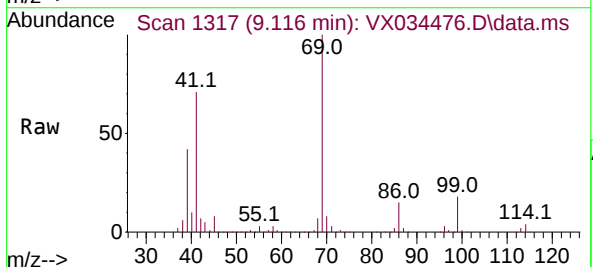
Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.7	104.5
85	55.4	43.7	65.5
99	60.6	49.7	74.5

Manual Integrations
APPROVED

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

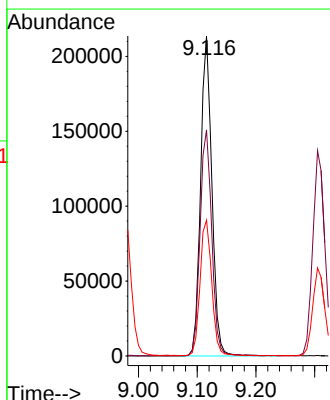
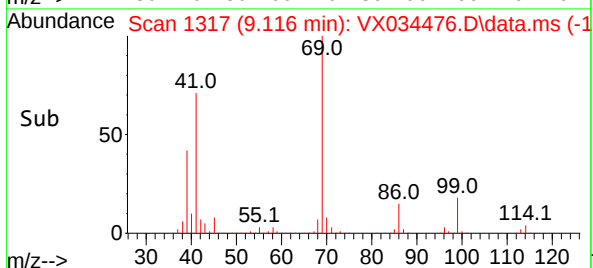


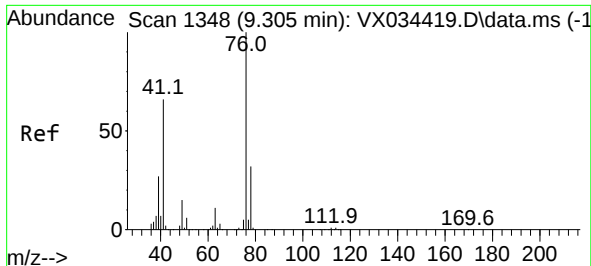
#56
Ethyl methacrylate
Concen: 51.169 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38



Tgt Ion: 69 Resp: 285639

Ion	Ratio	Lower	Upper
69	100		
41	72.9	57.4	86.0
39	43.9	33.7	50.5





#57

1,3-Dichloropropane

Concen: 50.156 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 30307

Ion Ratio Lower Upper

76 100

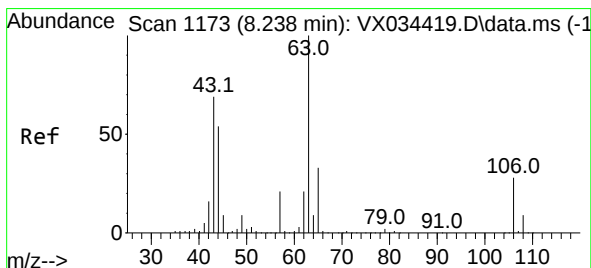
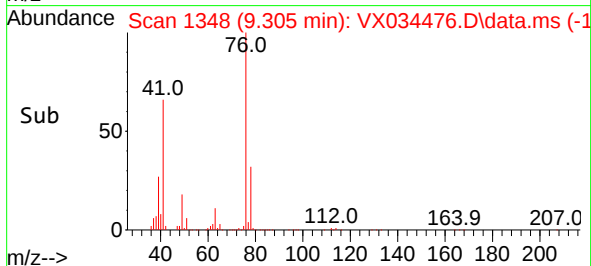
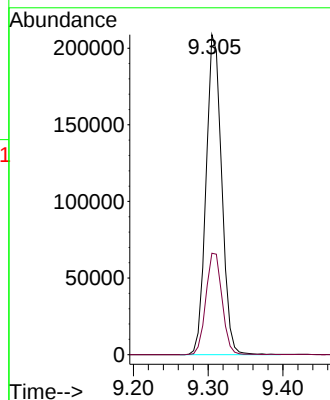
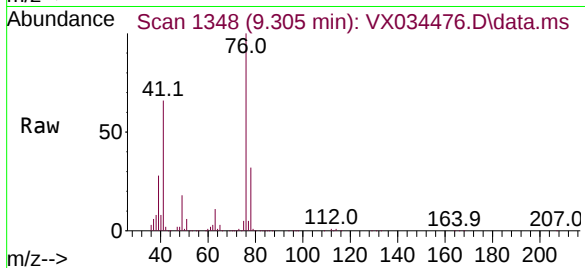
78 32.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 242.537 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX034476.D

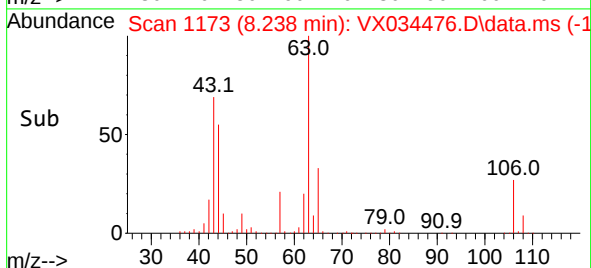
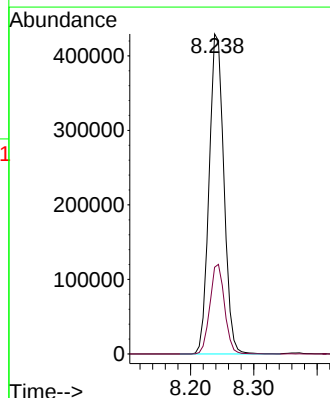
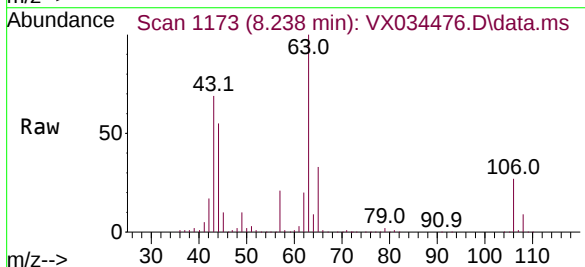
Acq: 14 Mar 2023 19:38

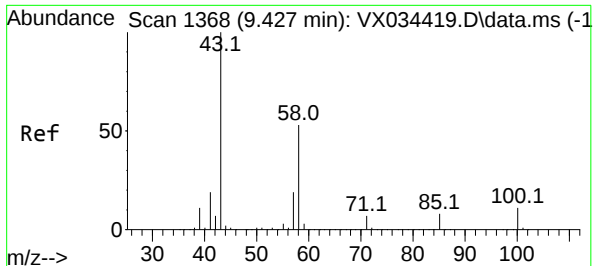
Tgt Ion: 63 Resp: 697741

Ion Ratio Lower Upper

63 100

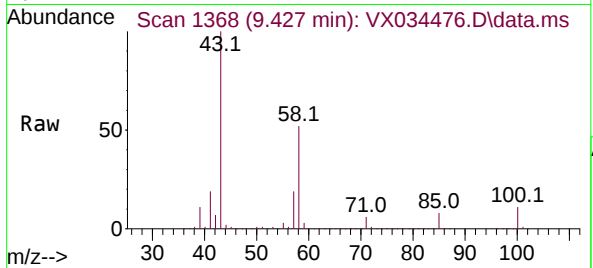
106 27.8 22.2 33.2





#59
2-Hexanone
Concen: 262.608 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

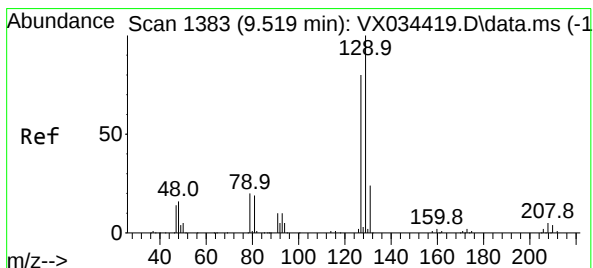
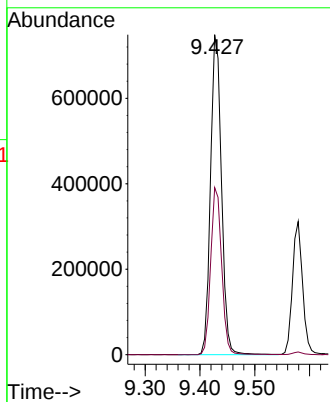
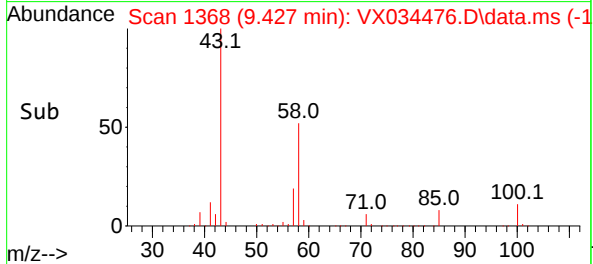
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1030909
Ion Ratio Lower Upper
43 100
58 52.5 26.3 78.9

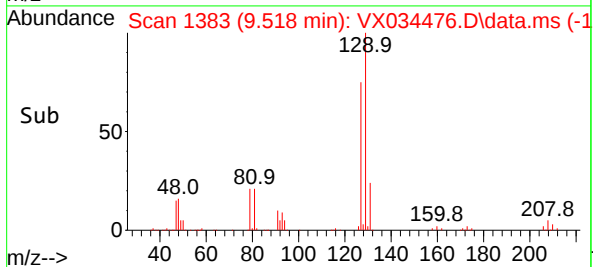
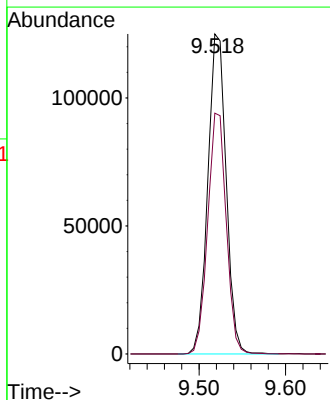
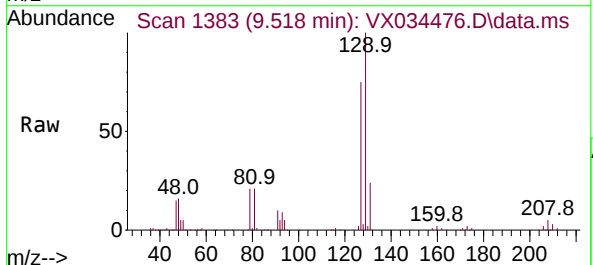
Manual Integrations
APPROVED

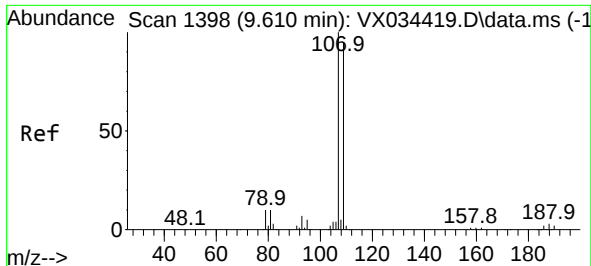
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#60
Dibromochloromethane
Concen: 51.462 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

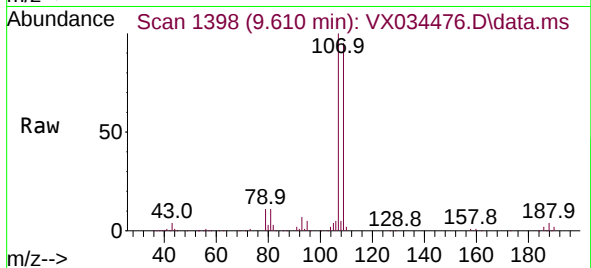
Tgt Ion:129 Resp: 183502
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0





#61
1,2-Dibromoethane
Concen: 50.252 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

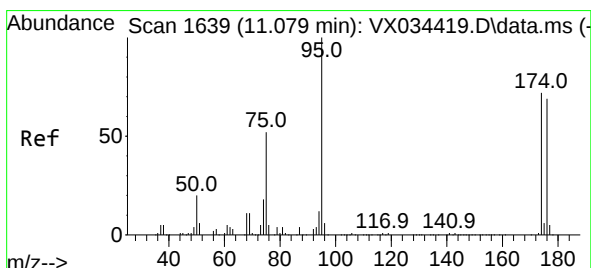
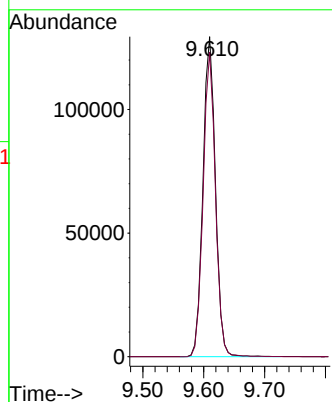
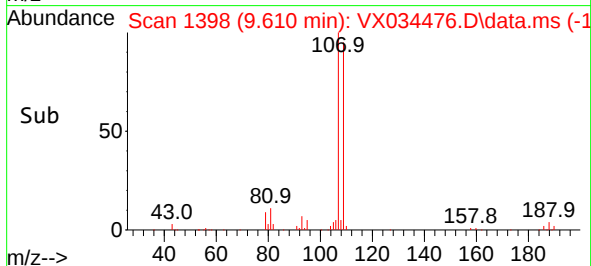
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



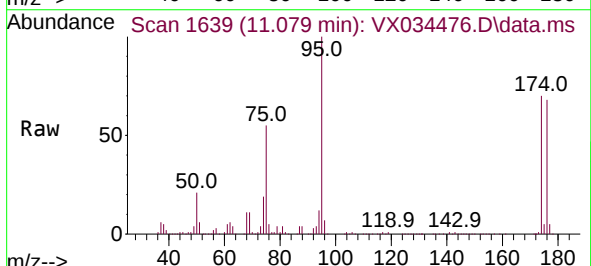
Tgt Ion:107 Resp: 184368
Ion Ratio Lower Upper
107 100
109 94.0 75.3 112.9

Manual Integrations
APPROVED

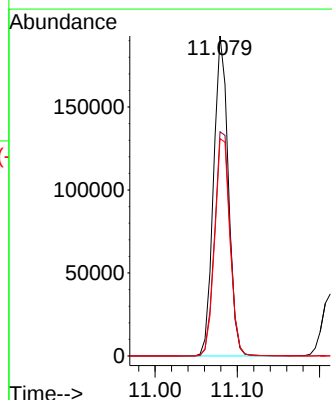
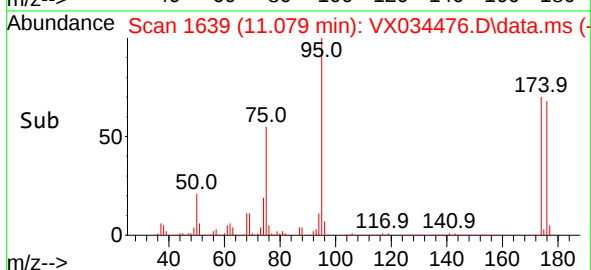
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

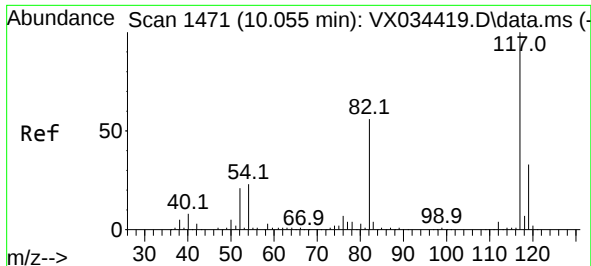


#62
4-Bromofluorobenzene
Concen: 51.716 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38



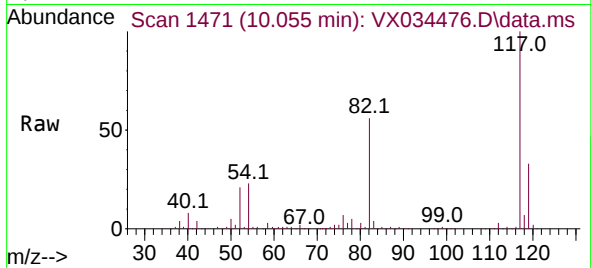
Tgt Ion: 95 Resp: 240156
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.4
176 70.4 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

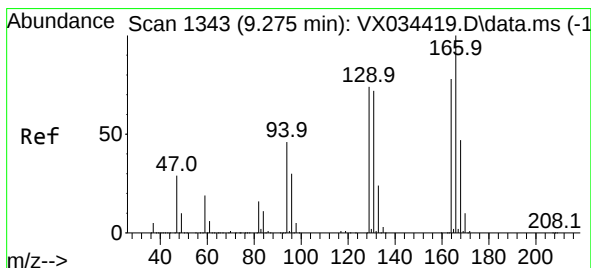
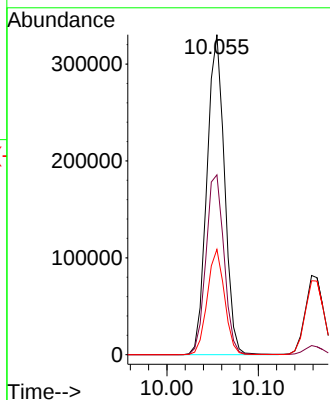
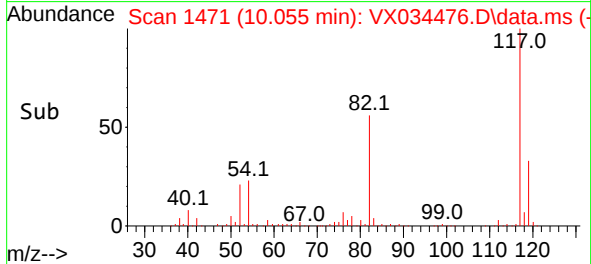
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 440240
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 32.9 26.0 39.0

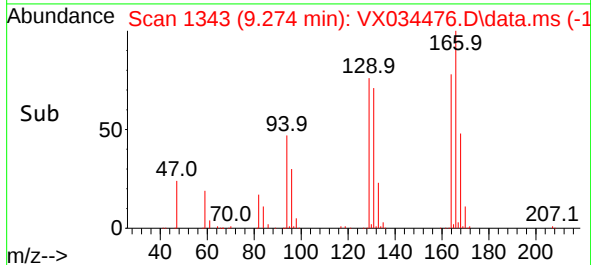
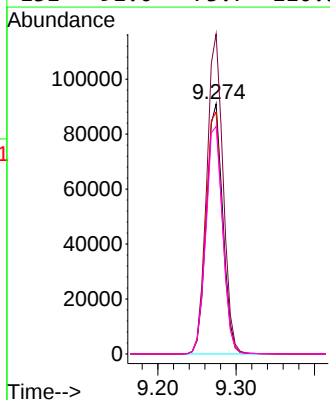
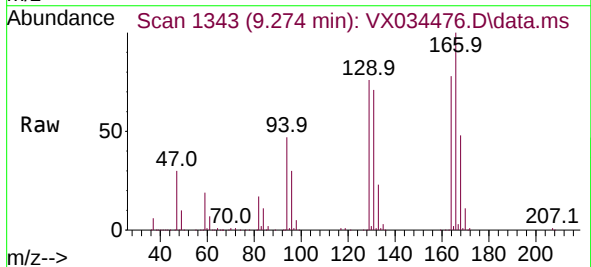
Manual Integrations
APPROVED

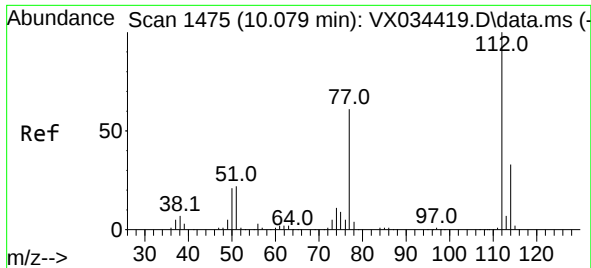
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#64
Tetrachloroethene
Concen: 44.615 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Tgt Ion:164 Resp: 131938
Ion Ratio Lower Upper
164 100
166 127.9 102.7 154.1
129 96.7 75.6 113.4
131 91.0 73.7 110.5





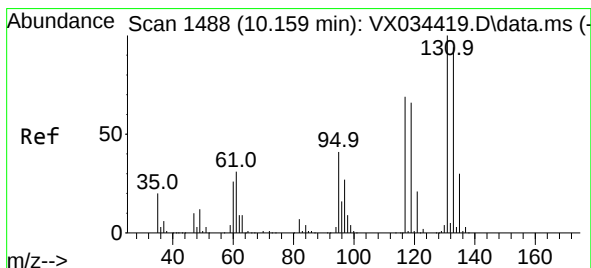
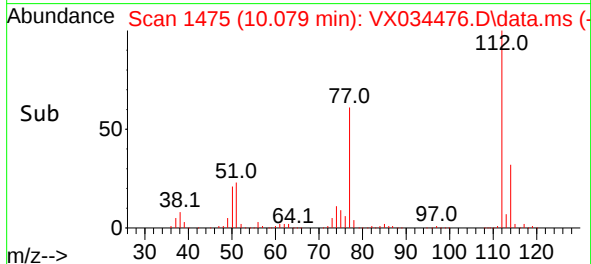
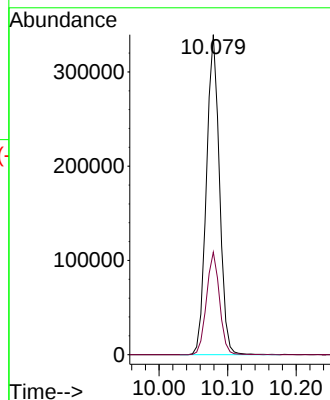
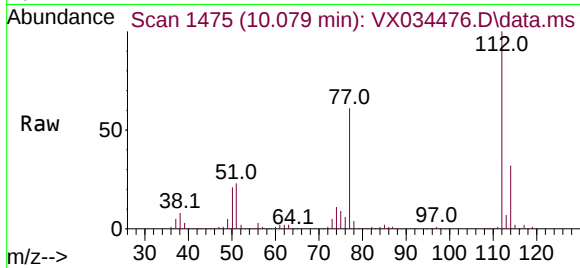
#65
Chlorobenzene
Concen: 46.415 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 448328
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2

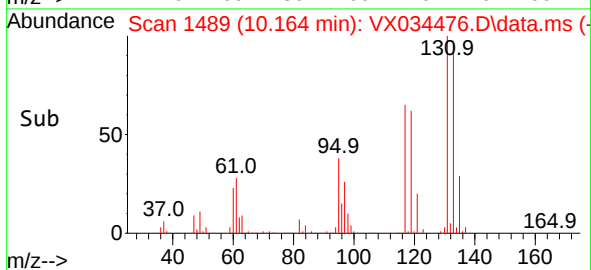
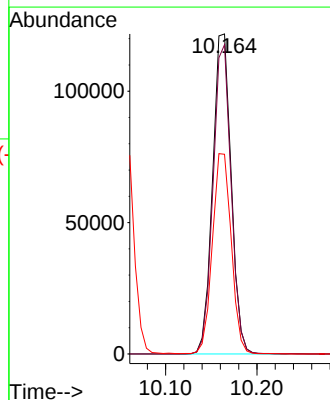
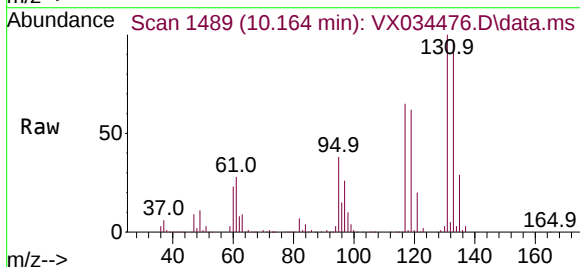
Manual Integrations
APPROVED

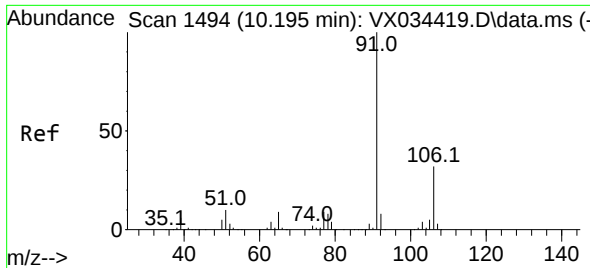
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.718 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

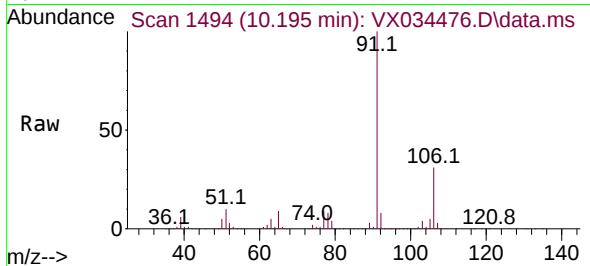
Tgt Ion:131 Resp: 171391
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.4
119 63.9 32.6 98.0





#67
Ethyl Benzene
Concen: 47.439 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

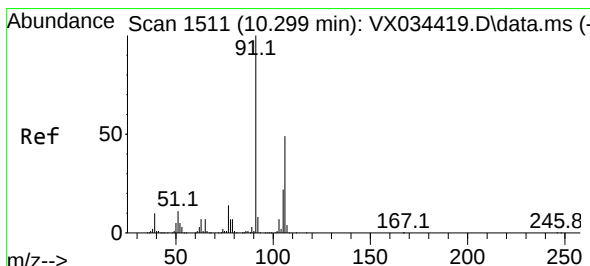
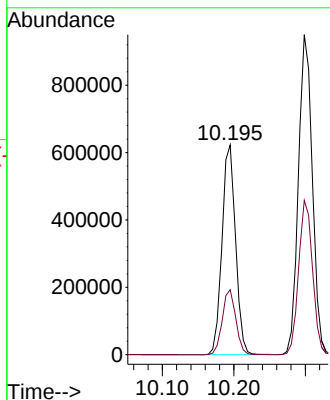
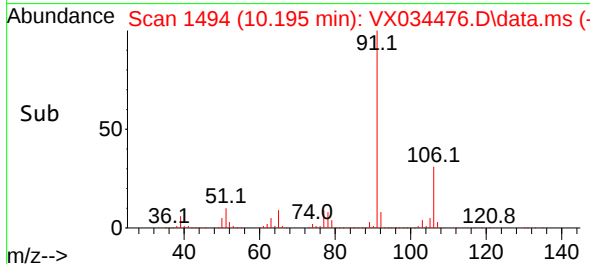
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



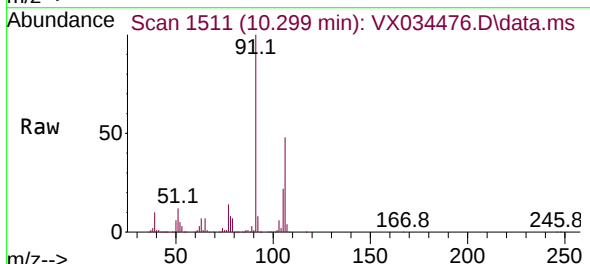
Tgt Ion: 91 Resp: 820329
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4

Manual Integrations
APPROVED

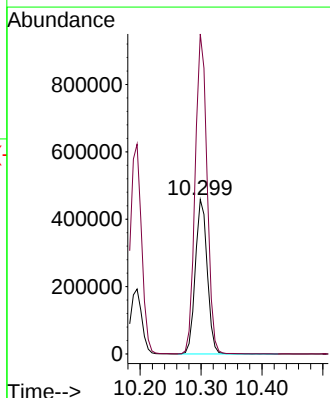
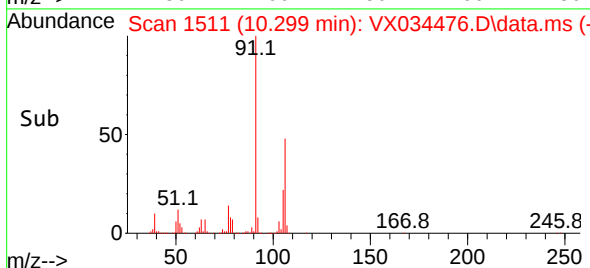
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

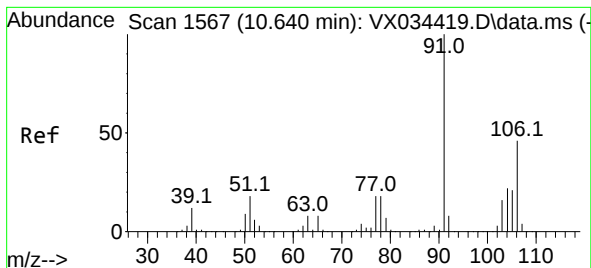


#68
m/p-Xylenes
Concen: 93.503 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38



Tgt Ion:106 Resp: 621107
Ion Ratio Lower Upper
106 100
91 207.1 164.0 246.0





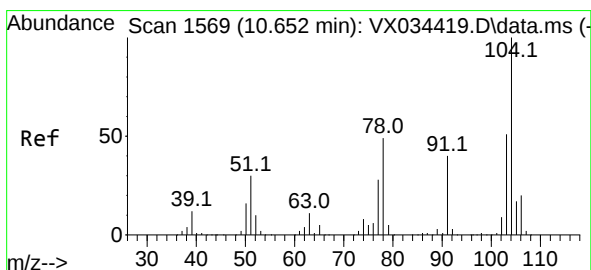
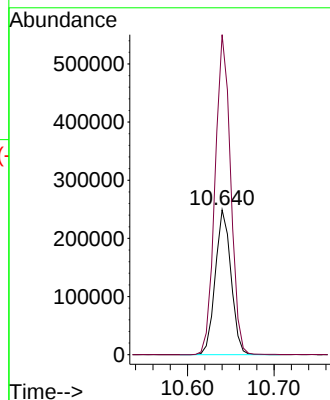
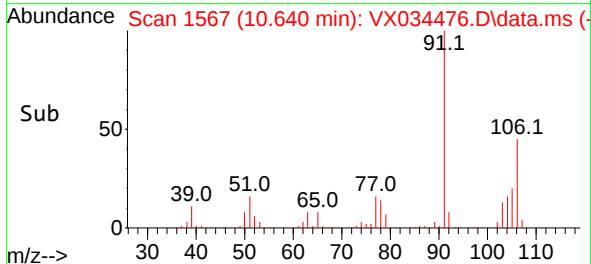
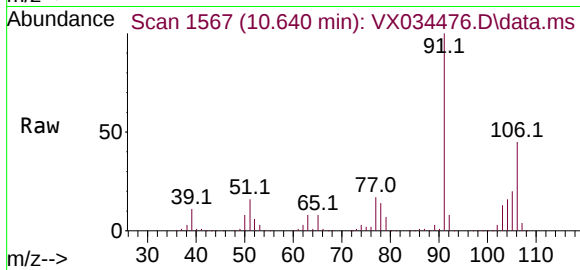
#69
o-Xylene
Concen: 47.011 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 313382
Ion Ratio Lower Upper
106 100
91 219.7 108.5 325.3

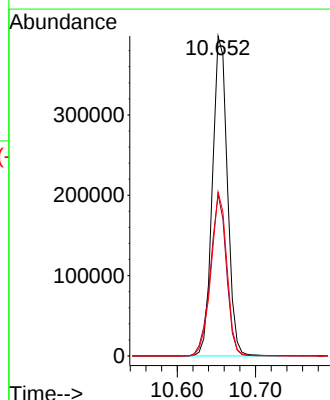
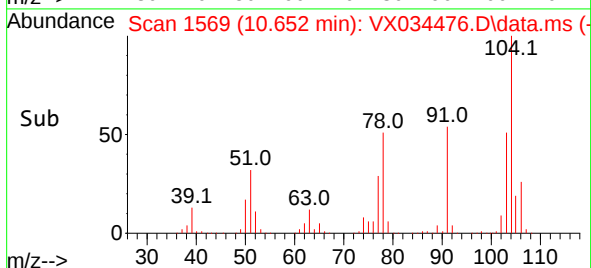
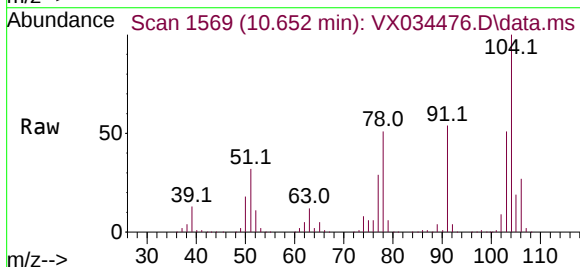
Manual Integrations
APPROVED

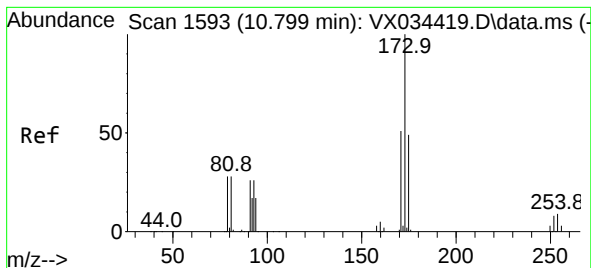
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#70
Styrene
Concen: 49.032 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Tgt Ion:104 Resp: 527345
Ion Ratio Lower Upper
104 100
78 54.2 43.4 65.2
103 54.6 44.2 66.2





#71

Bromoform

Concen: 48.419 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX034476.D

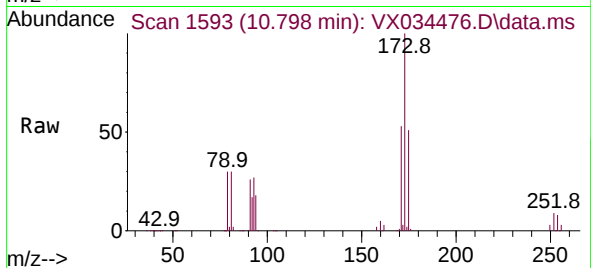
Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:173 Resp: 131118

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.4

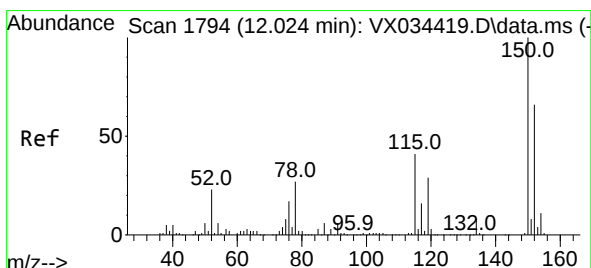
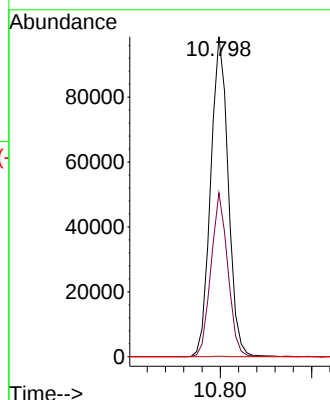
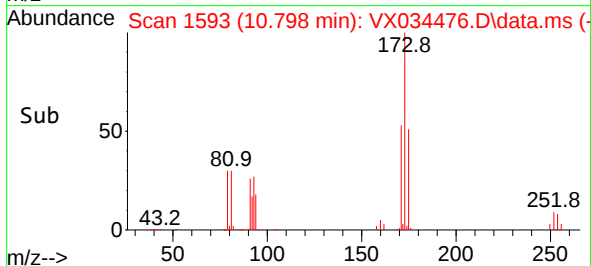
254 0.1 0.1 0.1

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: VX034476.D

Acq: 14 Mar 2023 19:38

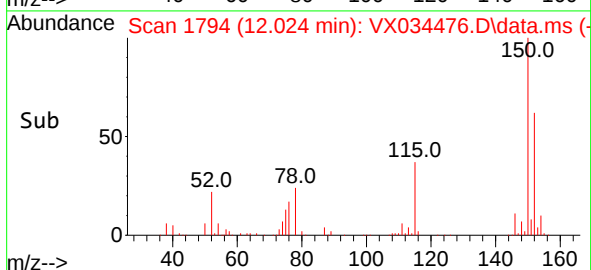
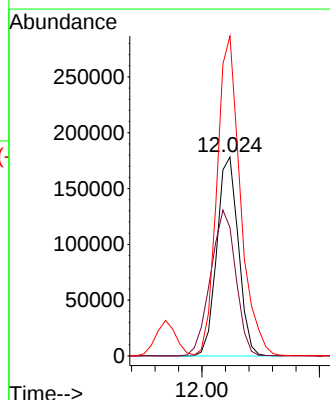
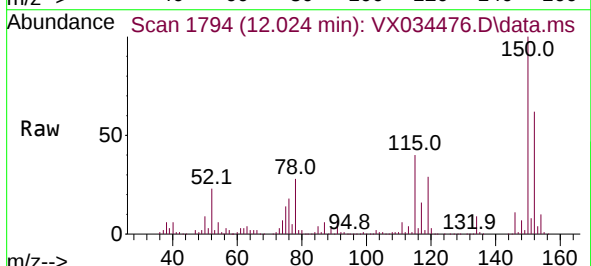
Tgt Ion:152 Resp: 226957

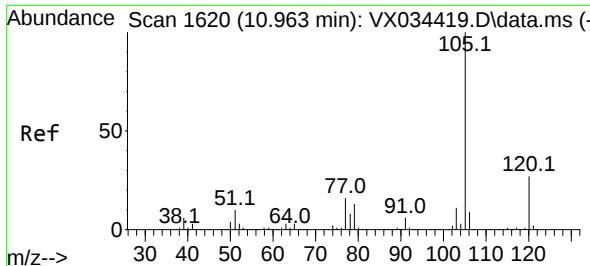
Ion Ratio Lower Upper

152 100

115 86.2 45.0 135.0

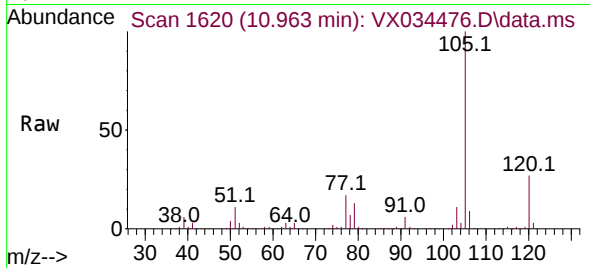
150 174.5 0.0 352.4





#73
Isopropylbenzene
Concen: 45.769 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

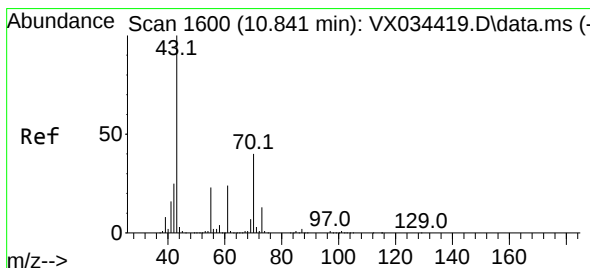
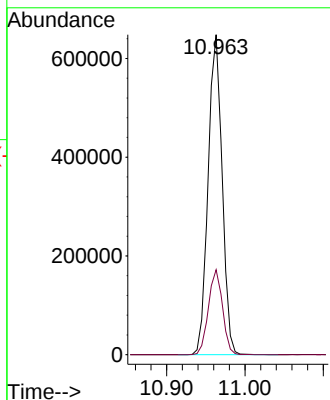
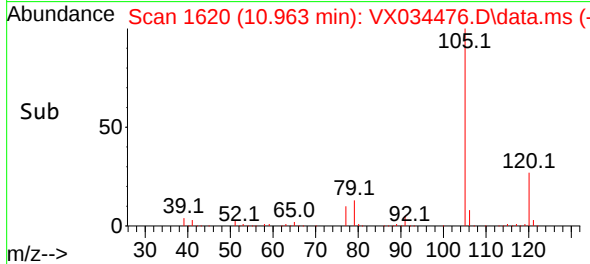
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



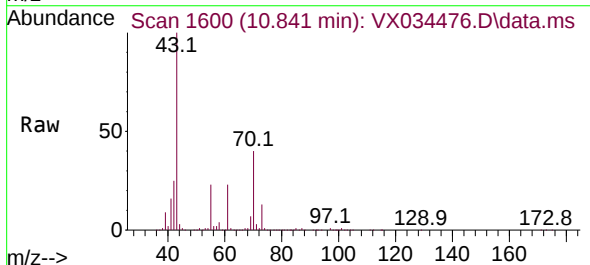
Tgt Ion:105 Resp: 80284
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9

Manual Integrations
APPROVED

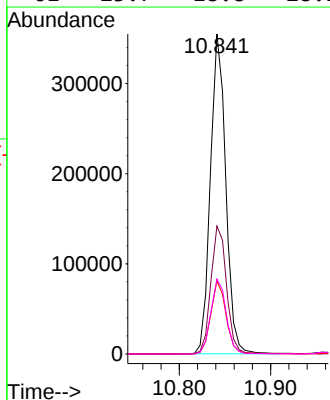
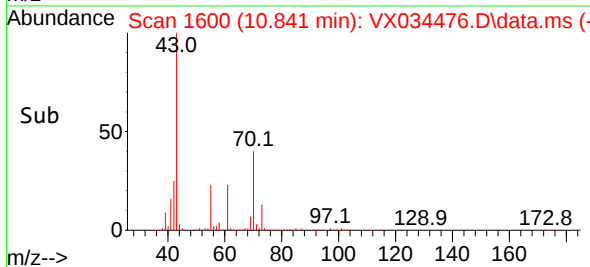
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

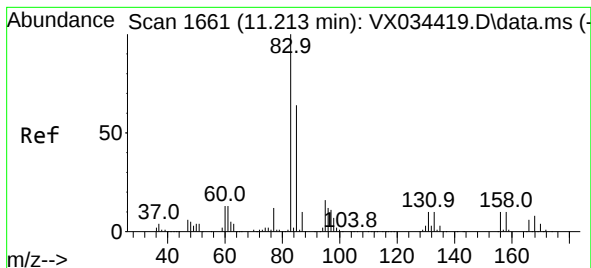


#74
N-ethyl acetate
Concen: 49.168 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38



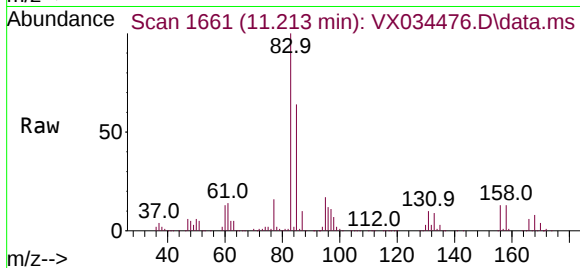
Tgt Ion: 43 Resp: 413090
Ion Ratio Lower Upper
43 100
70 41.0 32.1 48.1
55 22.9 18.3 27.5
61 23.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.324 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

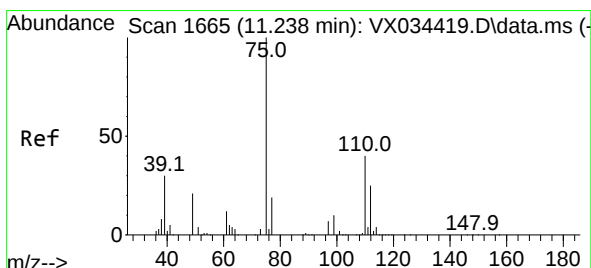
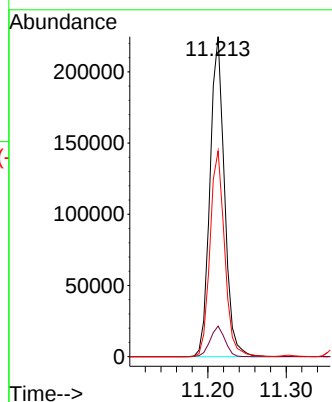
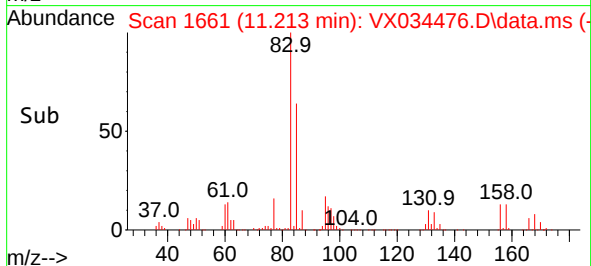
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



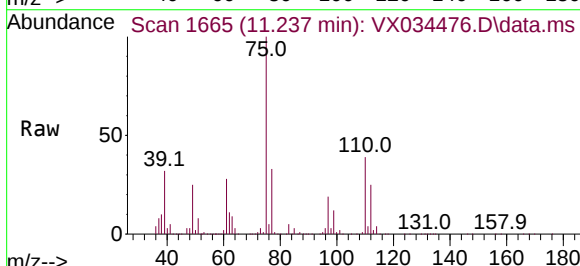
Tgt Ion: 83 Resp: 288709
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.3
85 64.9 32.0 96.0

Manual Integrations
APPROVED

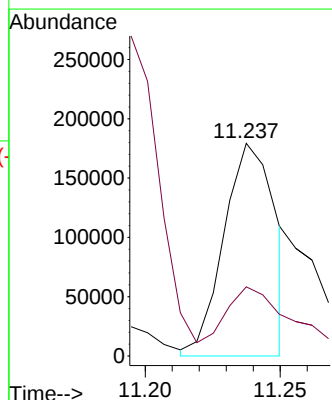
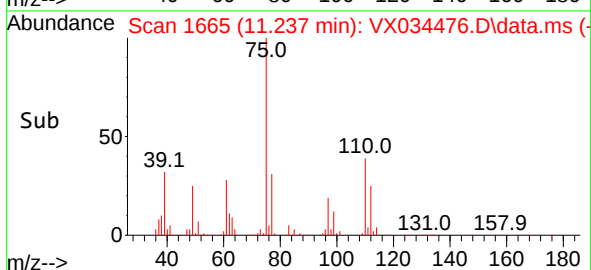
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

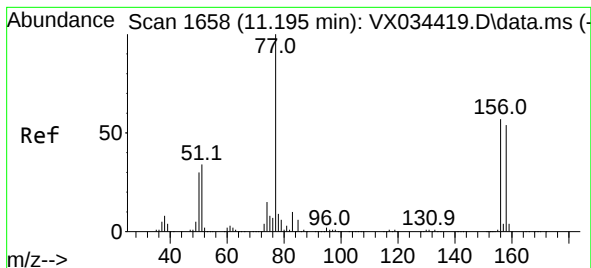


#76
1,2,3-Trichloropropane
Concen: 45.436 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38



Tgt Ion: 75 Resp: 236775
Ion Ratio Lower Upper
75 100
77 43.6 21.6 64.8





#77

Bromobenzene

Concen: 47.039 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

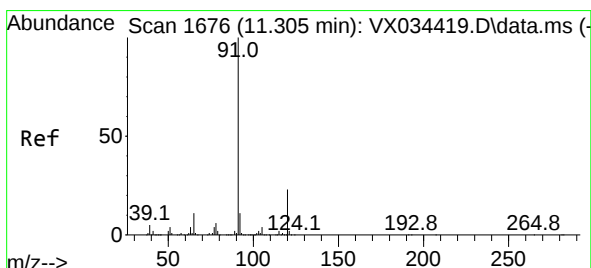
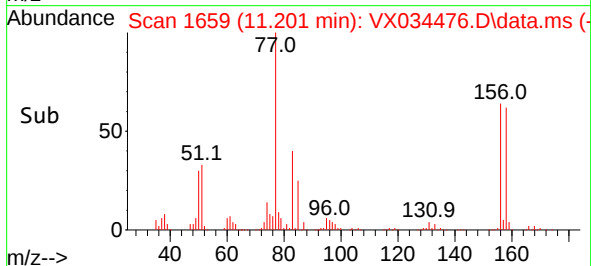
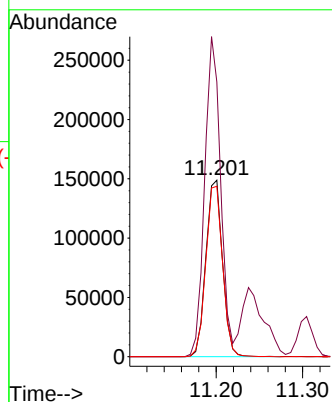
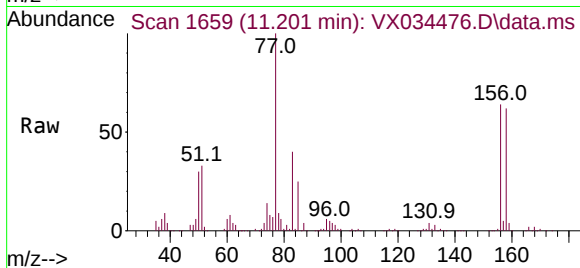
Tgt Ion:	156	Resp:	19796
Ion Ratio	Lower	Upper	
156	100		
77	173.8	86.7	259.9
158	97.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#78

n-propylbenzene

Concen: 46.743 ug/l

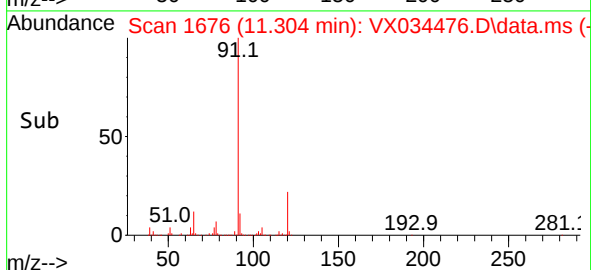
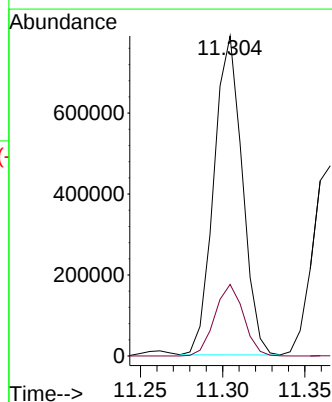
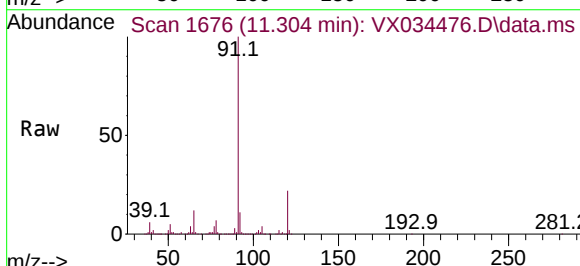
RT: 11.304 min Scan# 1676

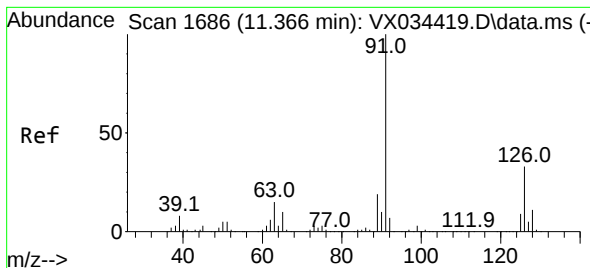
Delta R.T. -0.000 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Tgt Ion:	91	Resp:	946919
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.5	34.5





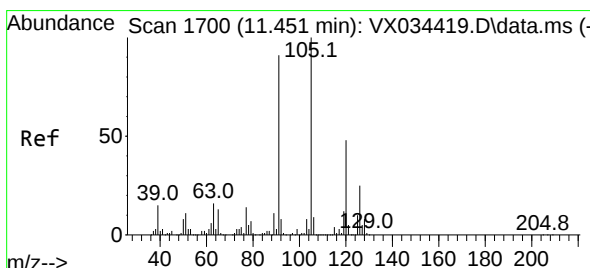
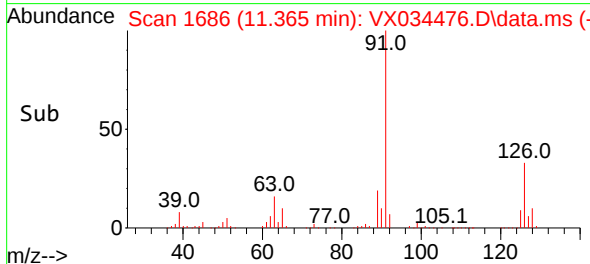
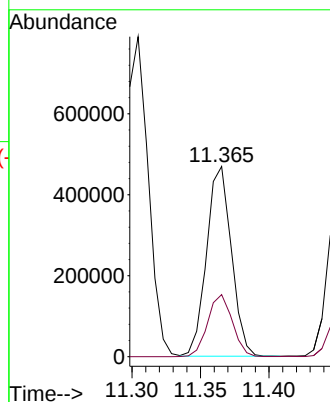
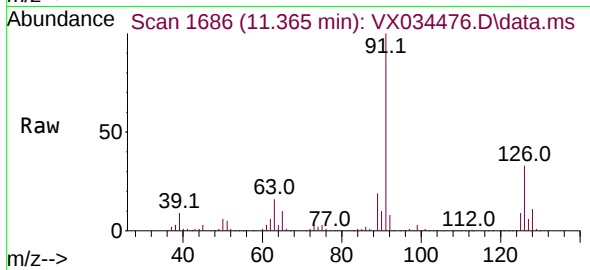
#79
2-Chlorotoluene
Concen: 47.190 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 590400
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.9

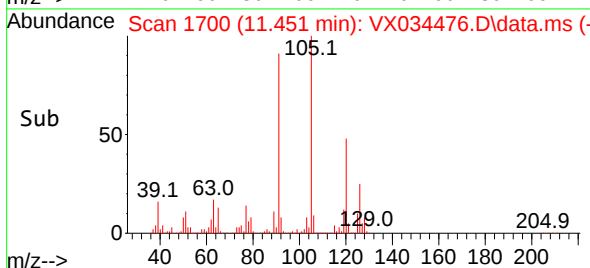
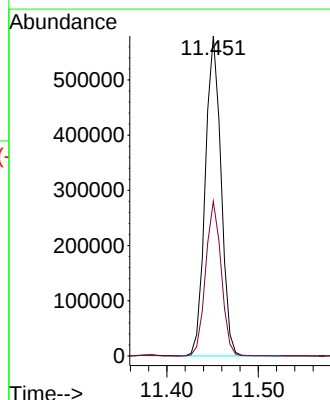
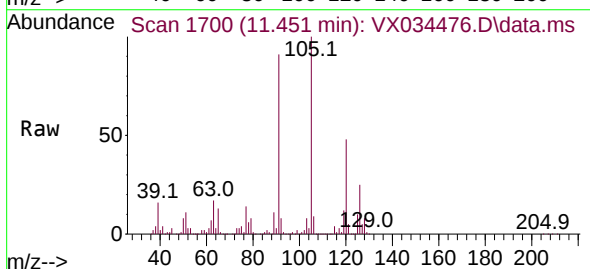
Manual Integrations
APPROVED

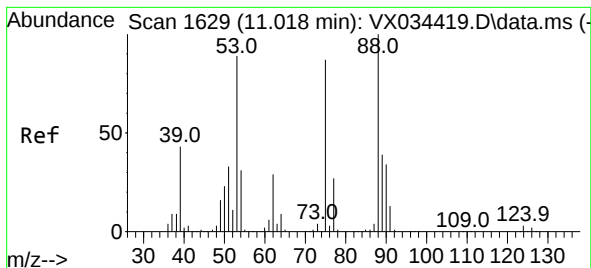
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.055 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

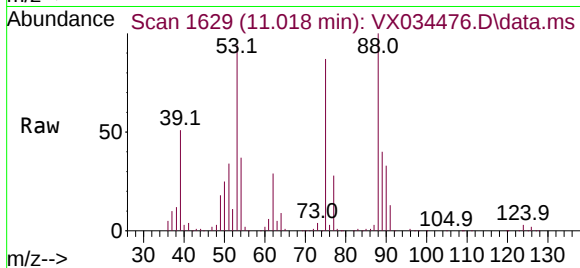
Tgt Ion:105 Resp: 692308
Ion Ratio Lower Upper
105 100
120 47.9 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 45.240 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

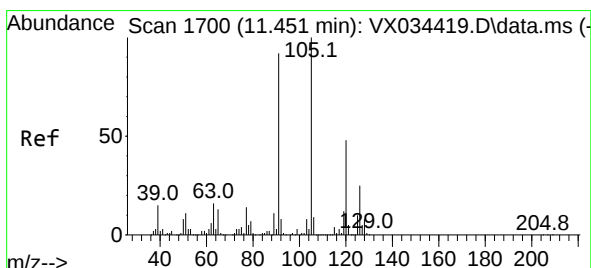
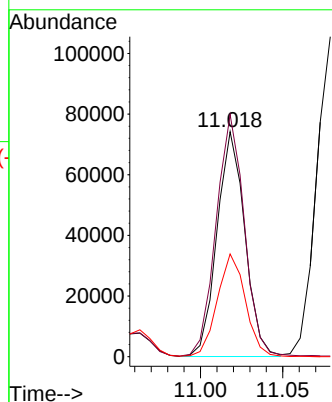
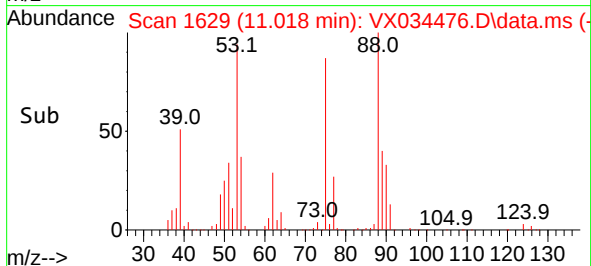
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 87140
Ion Ratio Lower Upper
75 100
53 110.2 82.6 124.0
89 46.2 36.9 55.3

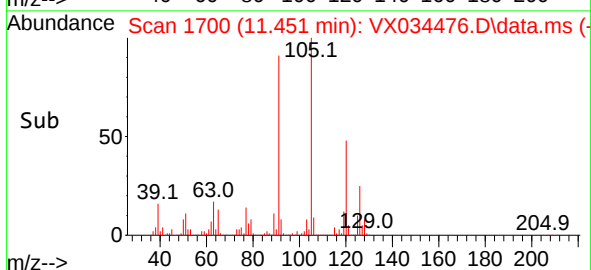
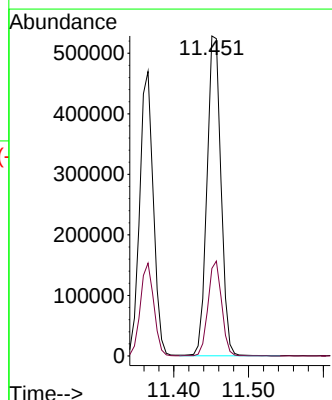
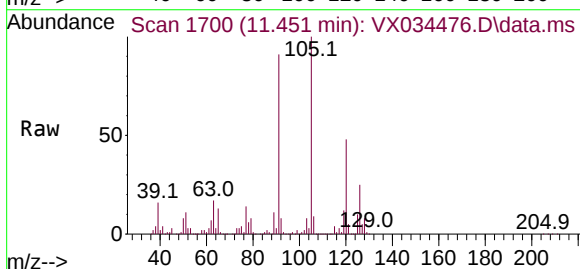
Manual Integrations
APPROVED

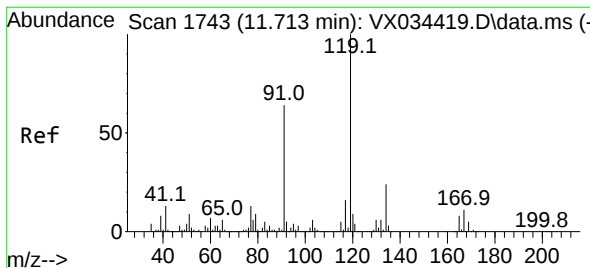
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#82
4-Chlorotoluene
Concen: 47.686 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Tgt Ion: 91 Resp: 687210
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 46.560 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 69068

Ion Ratio Lower Upper

119 100

91 60.1 30.6 92.0

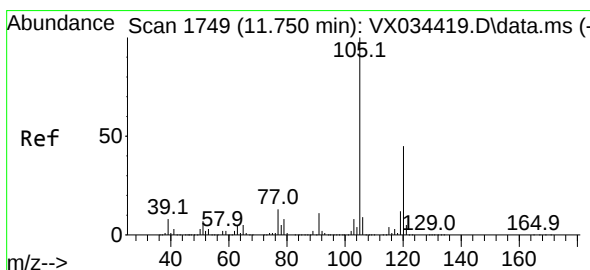
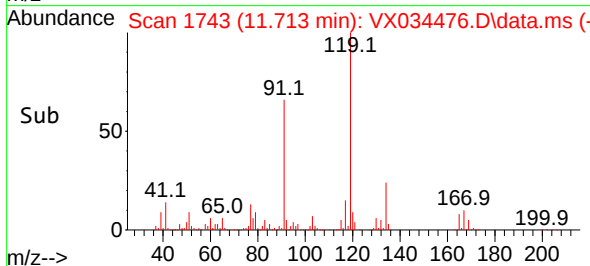
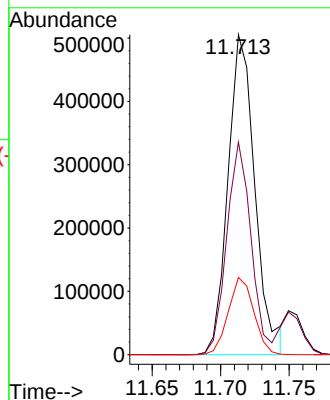
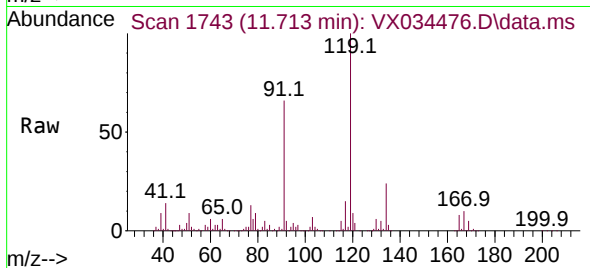
134 23.0 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#84

1,2,4-Trimethylbenzene

Concen: 46.885 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX034476.D

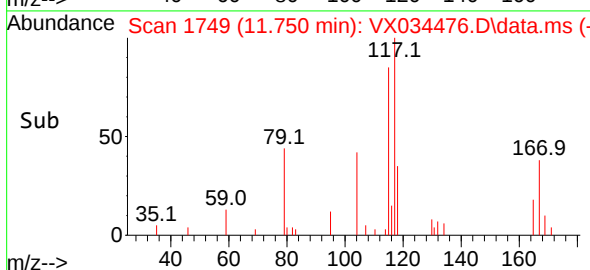
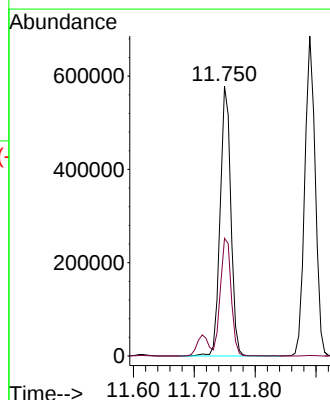
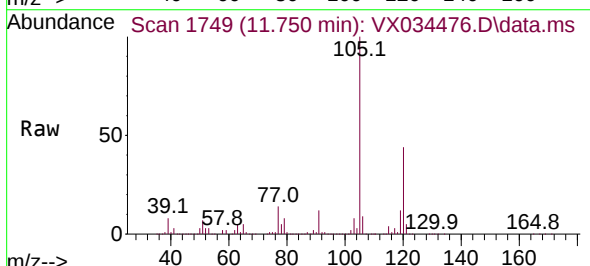
Acq: 14 Mar 2023 19:38

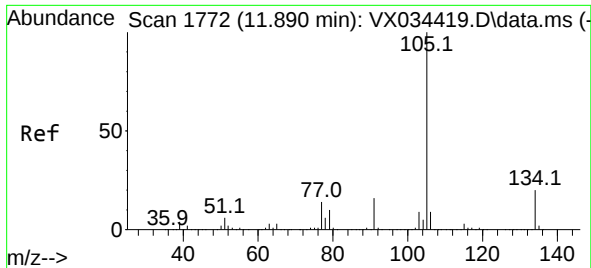
Tgt Ion:105 Resp: 704992

Ion Ratio Lower Upper

105 100

120 44.1 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 45.090 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034476.D
 Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

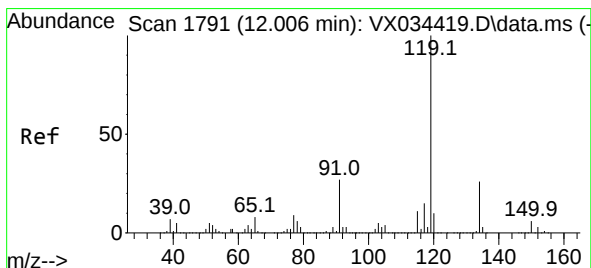
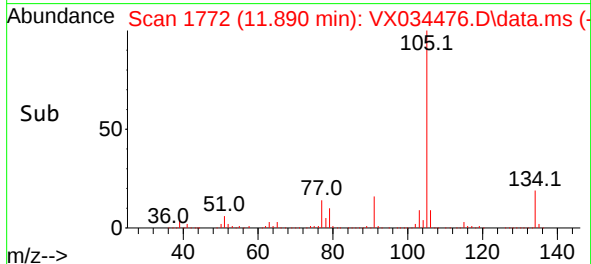
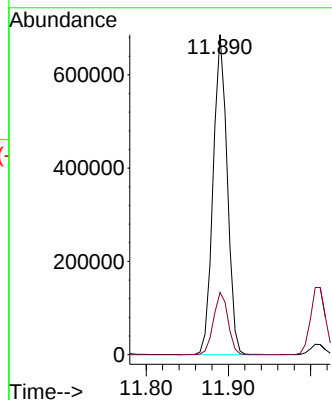
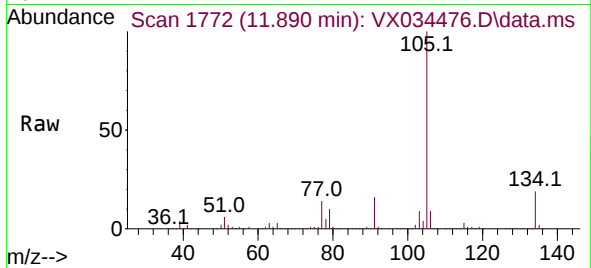
Tgt Ion:105 Resp: 81773
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

Manual Integrations

APPROVED

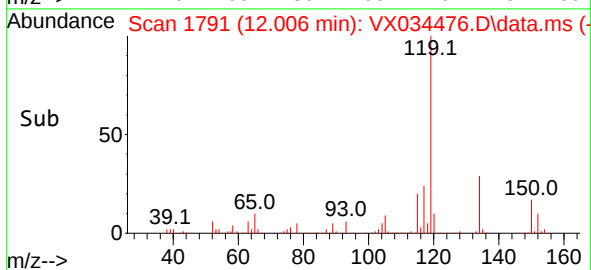
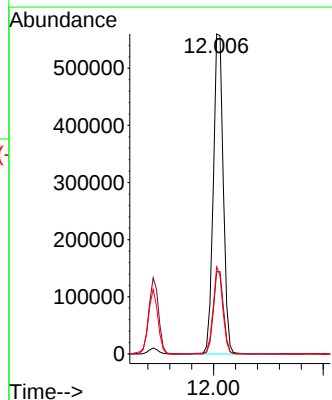
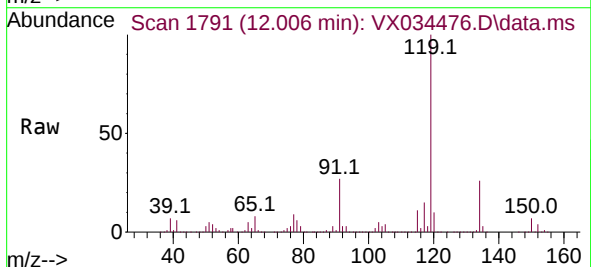
Reviewed By :John Carlone 03/15/2023

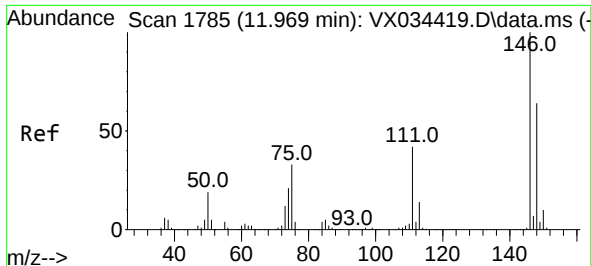
Supervised By :Mahesh Dadoda 03/15/2023



#86
 p-Isopropyltoluene
 Concen: 45.917 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034476.D
 Acq: 14 Mar 2023 19:38

Tgt Ion:119 Resp: 699850
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 26.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 45.941 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 378829

Ion Ratio Lower Upper

146 100

111 42.7 20.9 62.8

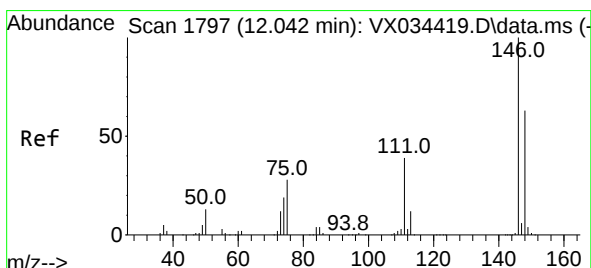
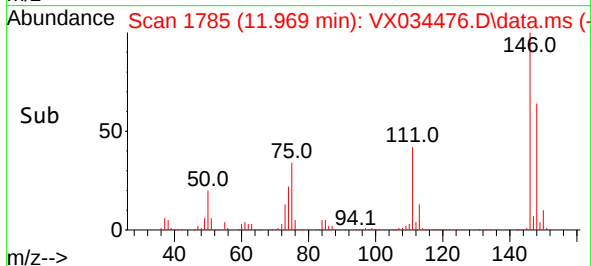
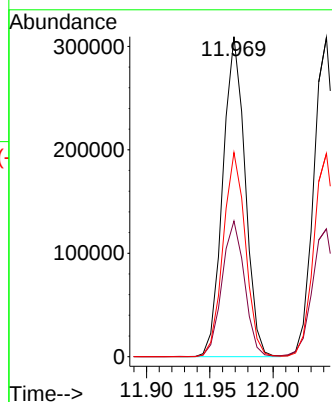
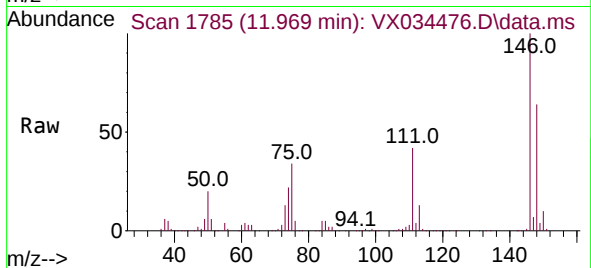
148 63.7 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#88

1,4-Dichlorobenzene

Concen: 45.482 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

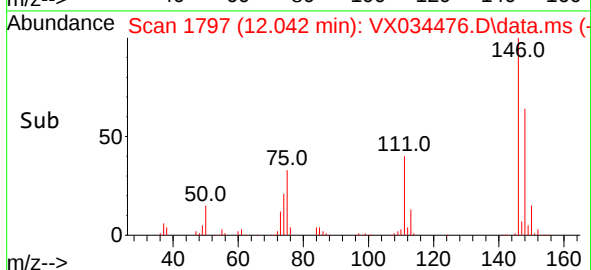
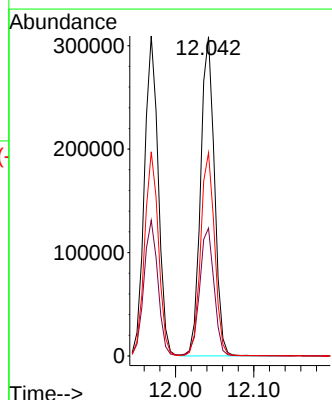
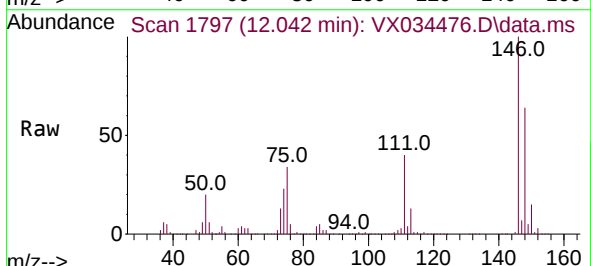
Tgt Ion:146 Resp: 379218

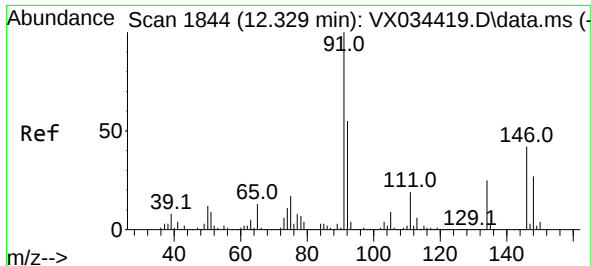
Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.9

148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 45.132 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 611520

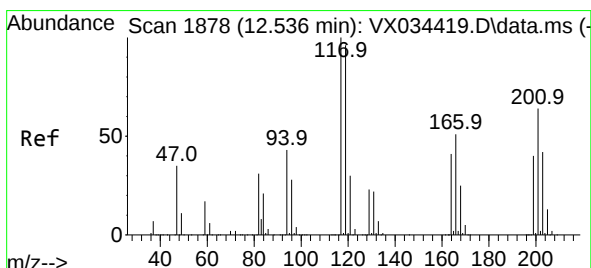
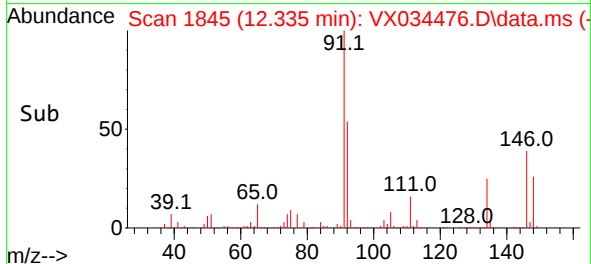
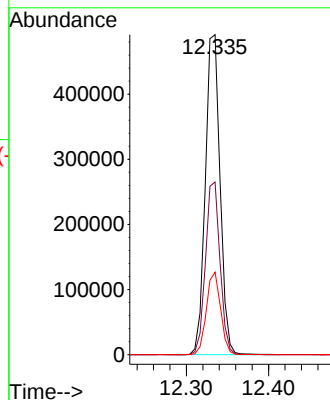
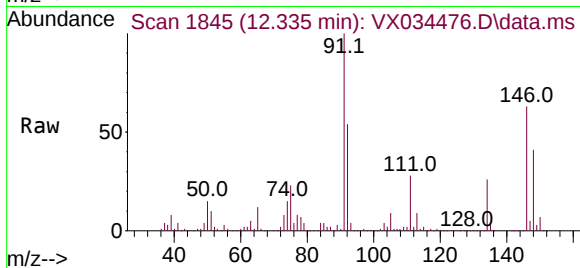
Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.7	83.0
134	24.9	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#90

Hexachloroethane

Concen: 45.517 ug/l

RT: 12.536 min Scan# 1878

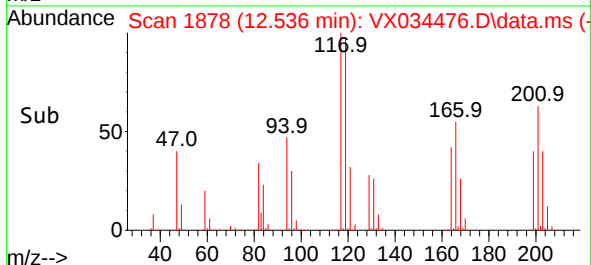
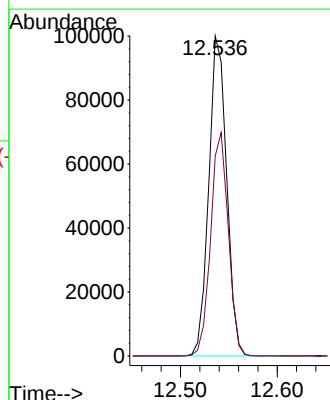
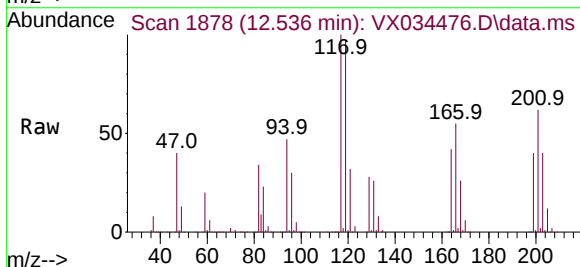
Delta R.T. -0.000 min

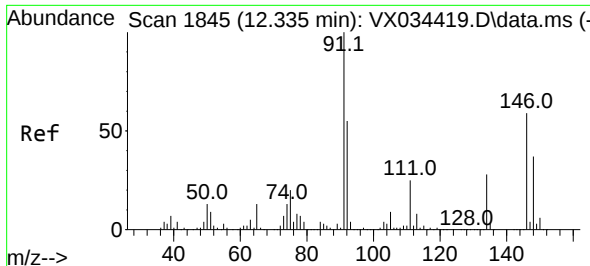
Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Tgt Ion:117 Resp: 128371

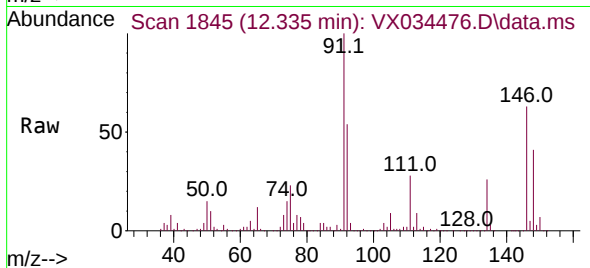
Ion	Ratio	Lower	Upper
117	100		
201	69.3	34.4	103.1





#91
1,2-Dichlorobenzene
Concen: 47.036 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

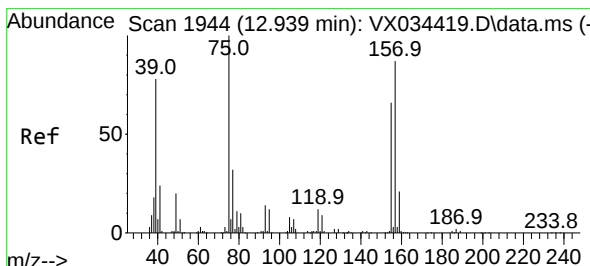
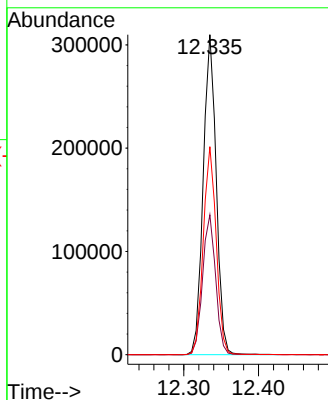
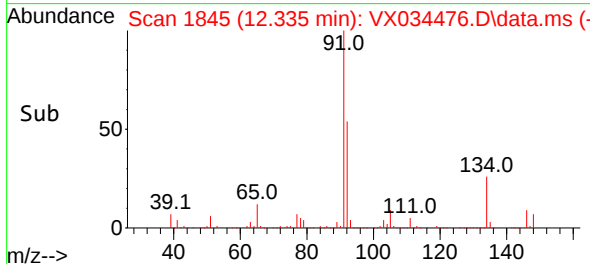
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



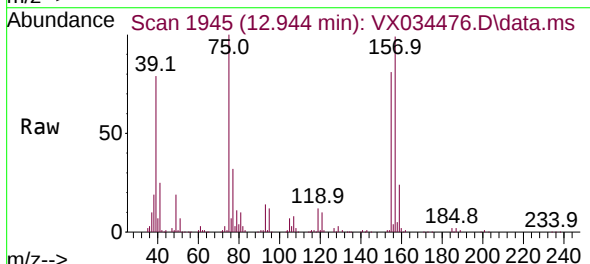
Tgt Ion:146 Resp: 374818
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 64.5 32.0 96.0

Manual Integrations
APPROVED

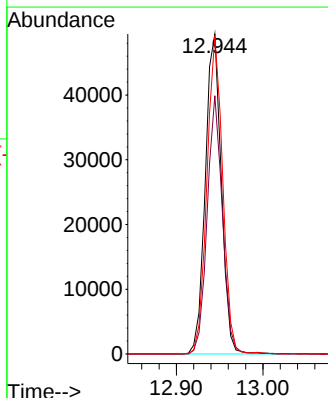
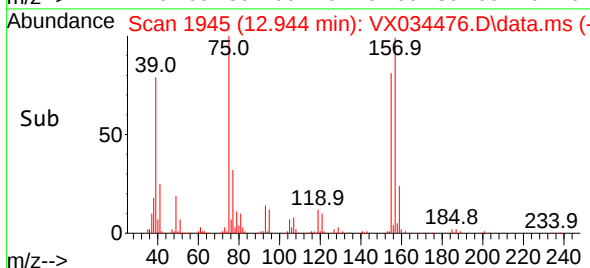
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

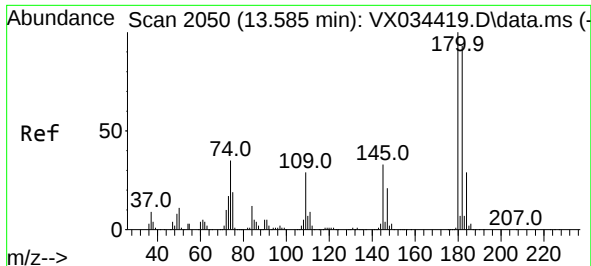


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.521 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38



Tgt Ion: 75 Resp: 63197
Ion Ratio Lower Upper
75 100
155 77.1 38.4 115.1
157 98.2 49.9 149.7





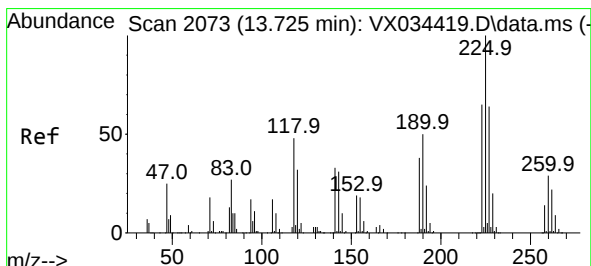
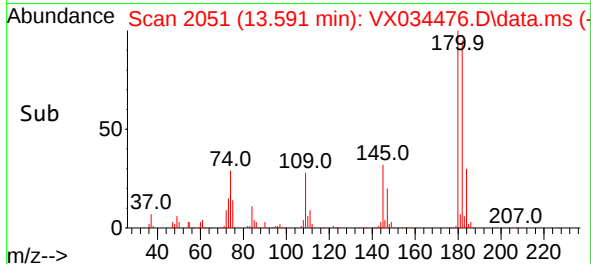
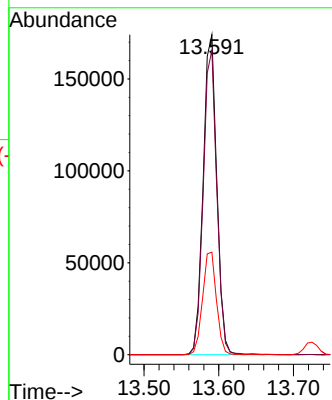
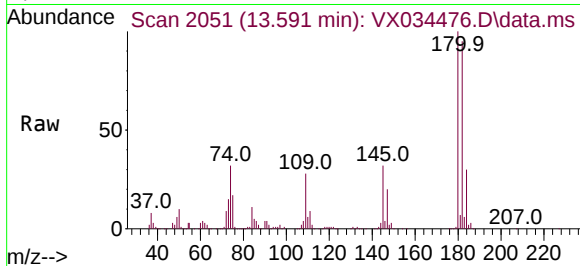
#93
1,2,4-Trichlorobenzene
Concen: 44.168 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 22010
Ion Ratio Lower Upper
180 100
182 94.5 47.0 141.0
145 32.6 15.9 47.7

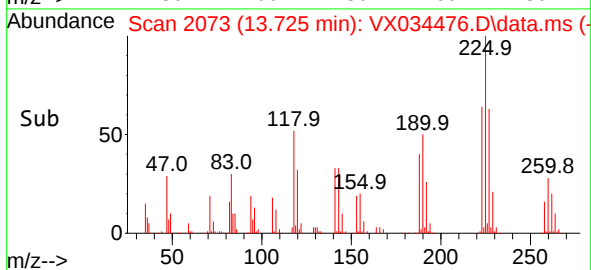
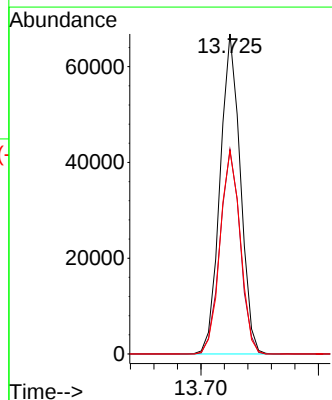
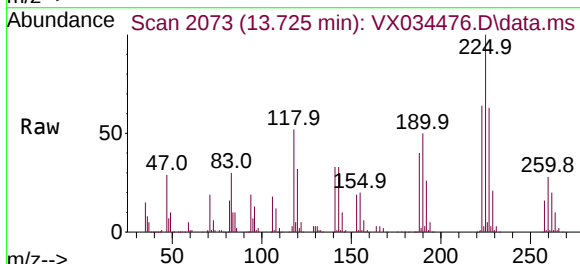
Manual Integrations
APPROVED

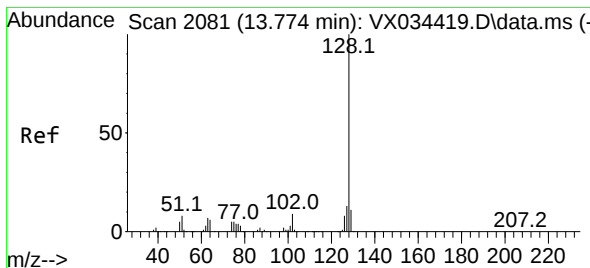
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#94
Hexachlorobutadiene
Concen: 39.886 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034476.D
Acq: 14 Mar 2023 19:38

Tgt Ion:225 Resp: 80075
Ion Ratio Lower Upper
225 100
223 63.6 32.1 96.5
227 63.5 31.8 95.4





#95

Naphthalene

Concen: 47.312 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 790614

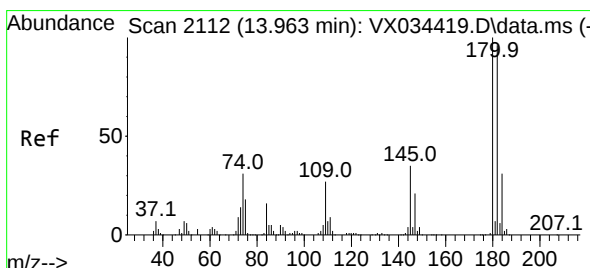
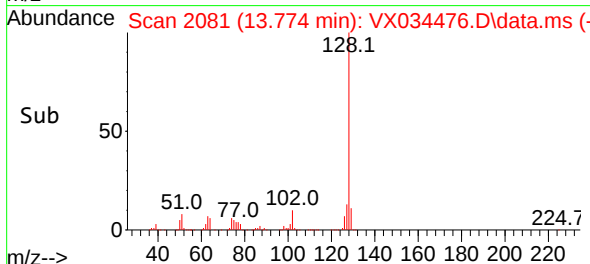
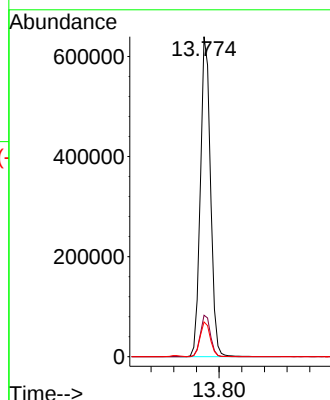
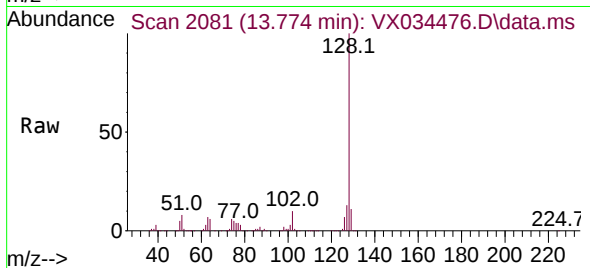
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 45.218 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX034476.D

Acq: 14 Mar 2023 19:38

Tgt Ion:180 Resp: 220264

Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.0	144.2
145	34.3	17.7	53.1

