

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035095.D
 Acq On : 14 Apr 2023 19:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2023
 Supervised By : Mahesh Dadoda 04/17/2023

Quant Time: Apr 17 08:59:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	268674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453258	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	403010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	178359	43.407	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.820%		
35) Dibromofluoromethane	5.385	113	142326	47.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.940%		
50) Toluene-d8	8.653	98	515602	46.595	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.200%		
62) 4-Bromofluorobenzene	11.079	95	202660	47.327	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	184643	68.904	ug/l	99
3) Chloromethane	1.300	50	184018	54.846	ug/l	99
4) Vinyl Chloride	1.373	62	186000	55.989	ug/l	98
5) Bromomethane	1.611	94	89764	41.582	ug/l	100
6) Chloroethane	1.684	64	102589	47.464	ug/l	99
7) Trichlorofluoromethane	1.886	101	248833	46.592	ug/l	100
8) Diethyl Ether	2.136	74	101136	53.715	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	154598	55.384	ug/l	99
10) Methyl Iodide	2.453	142	205638	59.157	ug/l	96
11) Tert butyl alcohol	2.977	59	195005	270.489	ug/l	100
12) 1,1-Dichloroethene	2.318	96	154826	56.132	ug/l	97
13) Acrolein	2.239	56	228730	308.206	ug/l	99
14) Allyl chloride	2.666	41	296019	54.781	ug/l	97
15) Acrylonitrile	3.068	53	514256	316.898	ug/l	99
16) Acetone	2.386	43	440888	264.130	ug/l	100
17) Carbon Disulfide	2.514	76	363410	52.607	ug/l	99
18) Methyl Acetate	2.703	43	380389	64.138	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	585683	57.352	ug/l	97
20) Methylene Chloride	2.788	84	180930	54.929	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	169366	56.302	ug/l	98
22) Diisopropyl ether	3.763	45	602633	55.271	ug/l	87
23) Vinyl Acetate	3.721	43	2239905	288.050	ug/l	99
24) 1,1-Dichloroethane	3.611	63	328568	56.008	ug/l	99
25) 2-Butanone	4.556	43	723943	298.154	ug/l	98
26) 2,2-Dichloropropane	4.477	77	199288	41.309	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	199639	56.008	ug/l	97
28) Bromochloromethane	4.903	49	119973	41.807	ug/l	95
29) Tetrahydrofuran	5.007	42	482056	316.915	ug/l	100
30) Chloroform	5.098	83	325045	54.551	ug/l	97
31) Cyclohexane	5.470	56	261109	52.187	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	285460	56.140	ug/l	98
36) 1,1-Dichloropropene	5.696	75	243946	54.924	ug/l	99
37) Ethyl Acetate	4.714	43	282954	60.927	ug/l	97
38) Carbon Tetrachloride	5.678	117	233830	55.840	ug/l	99
39) Methylcyclohexane	7.385	83	231339	49.050	ug/l	98
40) Benzene	6.037	78	721869	56.618	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	162929	64.509	ug/l	97
42) 1,2-Dichloroethane	6.086	62	266721	52.619	ug/l	99
43) Isopropyl Acetate	6.342	43	464665	59.804	ug/l	98
44) Trichloroethene	7.129	130	190280	58.464	ug/l	98
45) 1,2-Dichloropropane	7.433	63	188471	56.727	ug/l	100
46) Dibromomethane	7.580	93	126281	55.241	ug/l	96
47) Bromodichloromethane	7.824	83	235379	55.743	ug/l	98
48) Methyl methacrylate	7.696	41	228764	59.953	ug/l	96
49) 1,4-Dioxane	7.683	88	85081	1081.972	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	1409991	306.625	ug/l	98
52) Toluene	8.720	92	455382	54.779	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	256740	56.520	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	283439	57.017	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	182552	58.020	ug/l	98
56) Ethyl methacrylate	9.116	69	302293	61.321	ug/l	95
57) 1,3-Dichloropropane	9.311	76	315344	56.594	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	714033	284.469	ug/l	97
59) 2-Hexanone	9.433	43	1055798	303.560	ug/l	97
60) Dibromochloromethane	9.524	129	176211	58.792	ug/l	99
61) 1,2-Dibromoethane	9.610	107	192845	58.943	ug/l	99
64) Tetrachloroethene	9.274	164	154539	53.583	ug/l	95
65) Chlorobenzene	10.079	112	481563	57.431	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	174799	60.625	ug/l	99
67) Ethyl Benzene	10.195	91	843053	55.500	ug/l	99
68) m/p-Xylenes	10.305	106	648217	111.714	ug/l	98
69) o-Xylene	10.640	106	322314	56.703	ug/l	100
70) Styrene	10.658	104	540187	59.530	ug/l	98
71) Bromoform	10.799	173	123753	63.106	ug/l #	100
73) Isopropylbenzene	10.963	105	770692	55.900	ug/l	100
74) N-amyl acetate	10.841	43	398595	64.302	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	275730	61.021	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	257925m	68.011	ug/l	
77) Bromobenzene	11.201	156	202750	59.351	ug/l	96
78) n-propylbenzene	11.305	91	848785	53.294	ug/l	99
79) 2-Chlorotoluene	11.366	91	561257	55.815	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	625695	54.279	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	76885	60.758	ug/l	99
82) 4-Chlorotoluene	11.457	91	644170	55.164	ug/l	98
83) tert-Butylbenzene	11.719	119	608110	56.178	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	641448	54.719	ug/l	100
85) sec-Butylbenzene	11.890	105	698869	53.070	ug/l	100
86) p-Isopropyltoluene	12.012	119	599808	54.623	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	355073	57.074	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	358739	55.210	ug/l	99
89) n-Butylbenzene	12.335	91	497055	51.810	ug/l	99
90) Hexachloroethane	12.542	117	93862	55.170	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	360790	57.904	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62853	66.639	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	199950	56.739	ug/l	98
94) Hexachlorobutadiene	13.725	225	77823	50.209	ug/l	98
95) Naphthalene	13.774	128	805777	64.350	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	203655	57.306	ug/l	98

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VSTDCCC050EC

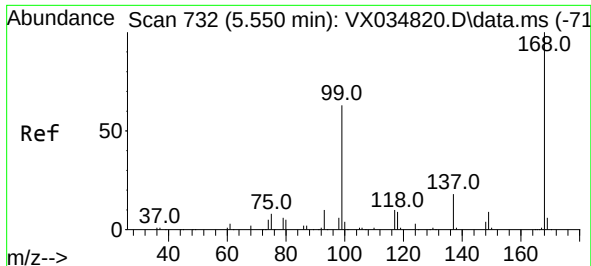
Manual Integrations
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Response via : Initial Calibration

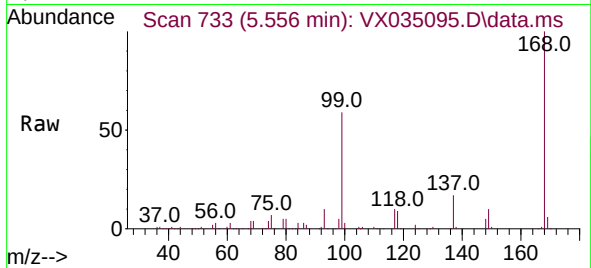
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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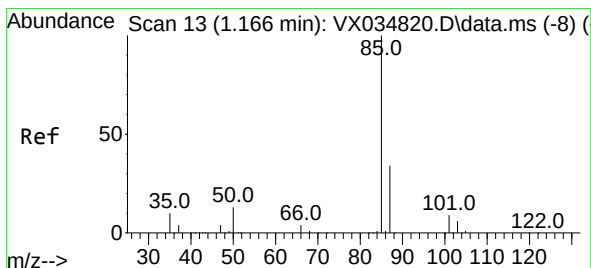
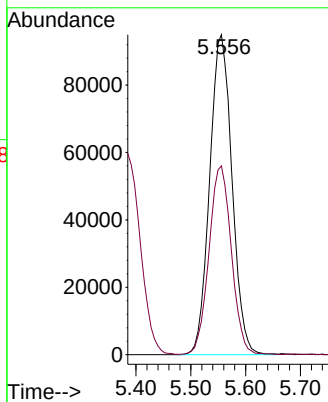
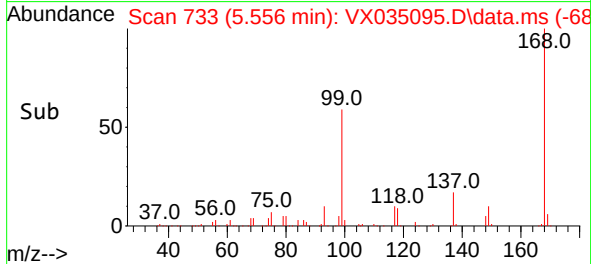
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 268674
Ion Ratio Lower Upper
168 100
99 58.9 45.7 68.5

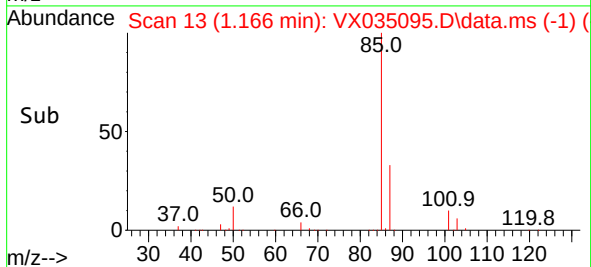
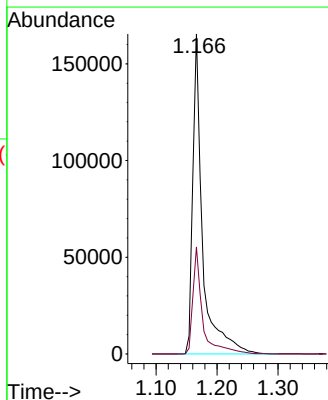
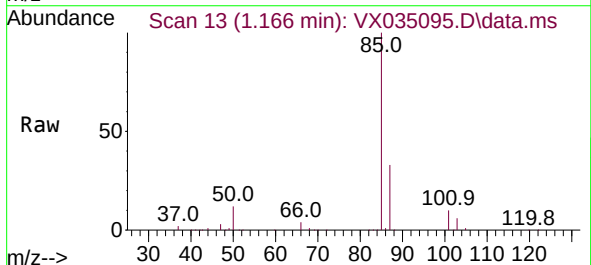
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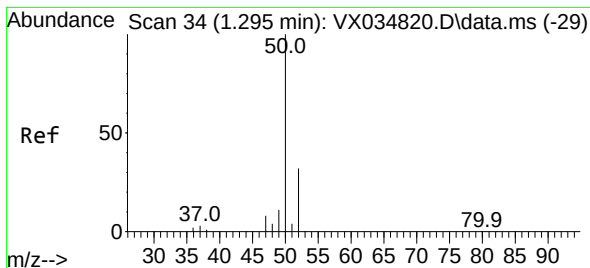
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#2
Dichlorodifluoromethane
Concen: 68.904 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Tgt Ion: 85 Resp: 184643
Ion Ratio Lower Upper
85 100
87 33.5 16.4 49.1





#3

Chloromethane

Concen: 54.846 ug/l

RT: 1.300 min Scan# 34

Delta R.T. 0.006 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 184018

Ion Ratio Lower Upper

50 100

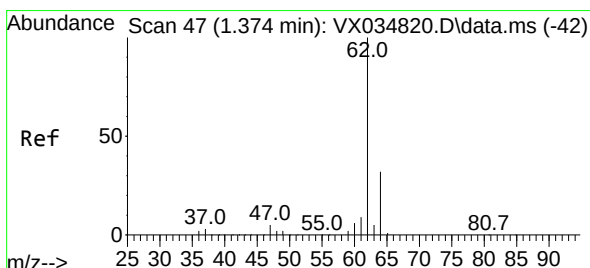
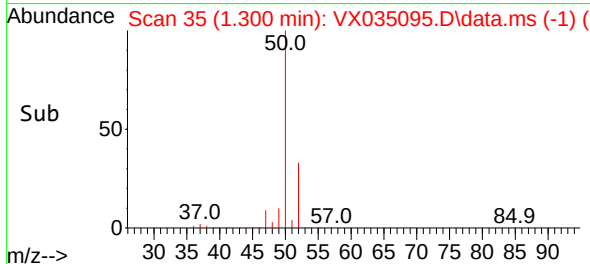
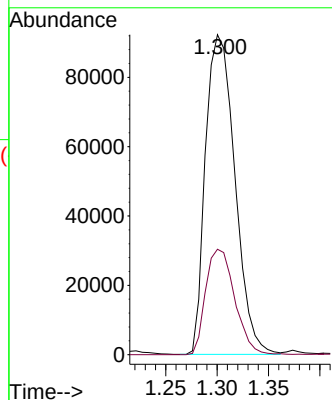
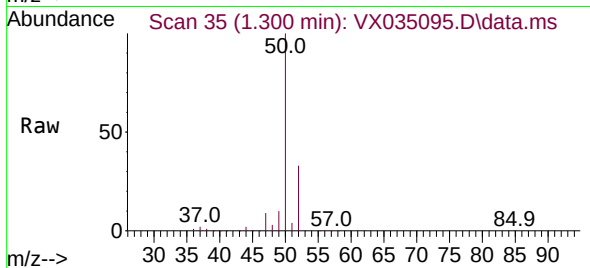
52 33.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#4

Vinyl Chloride

Concen: 55.989 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX035095.D

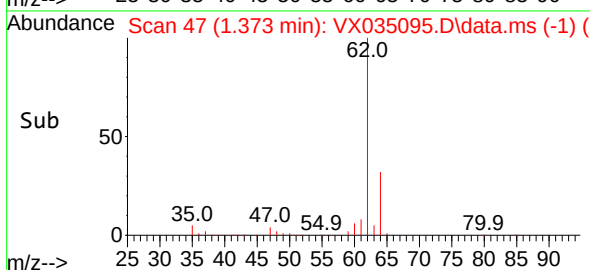
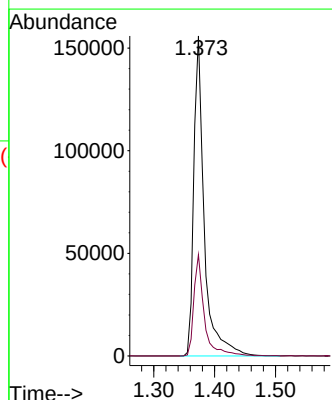
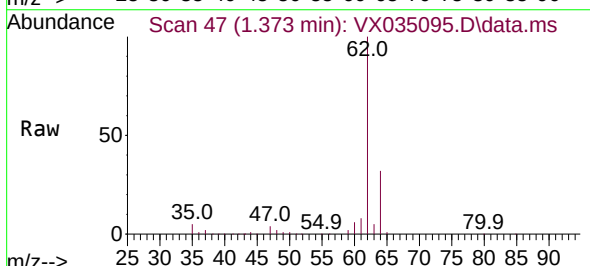
Acq: 14 Apr 2023 19:50

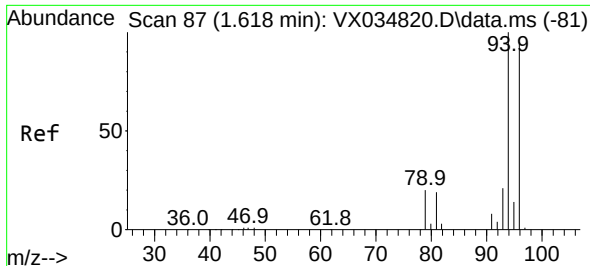
Tgt Ion: 62 Resp: 186000

Ion Ratio Lower Upper

62 100

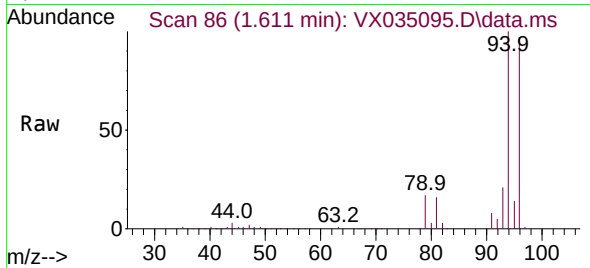
64 31.6 26.4 39.6





#5
Bromomethane
Concen: 41.582 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX035095.D
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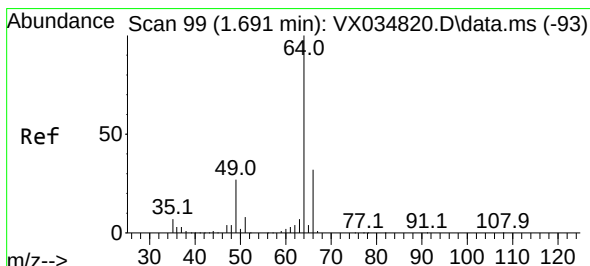
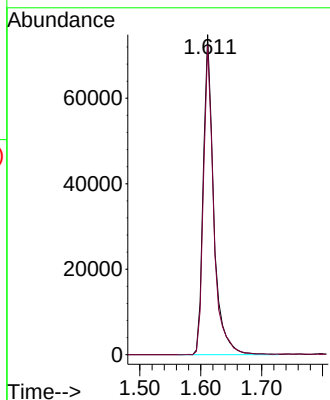
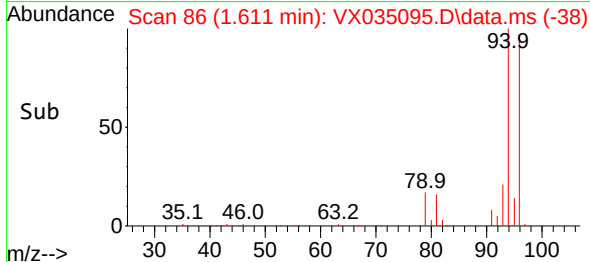
Instrument :
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Tgt Ion: 94 Resp: 89764
Ion Ratio Lower Upper
94 100
96 96.5 77.0 115.6

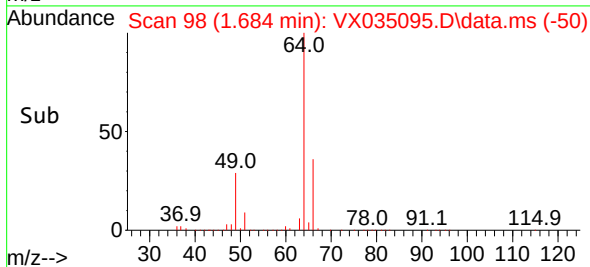
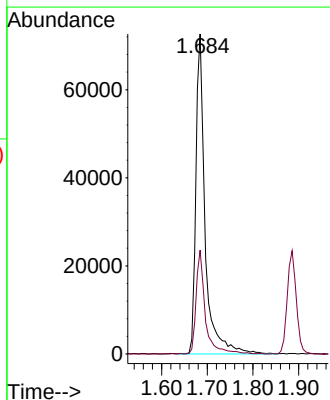
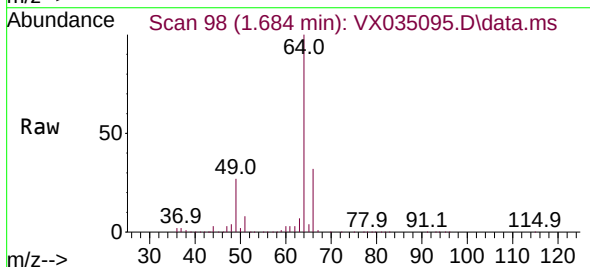
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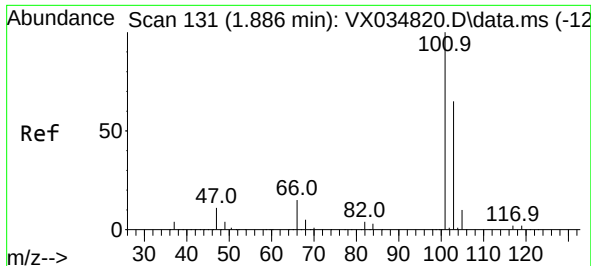
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#6
Chloroethane
Concen: 47.464 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

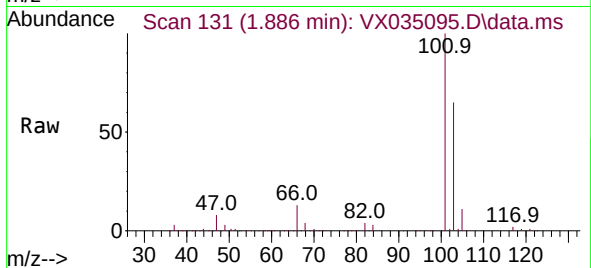
Tgt Ion: 64 Resp: 102589
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.4





#7
Trichlorofluoromethane
Concen: 46.592 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

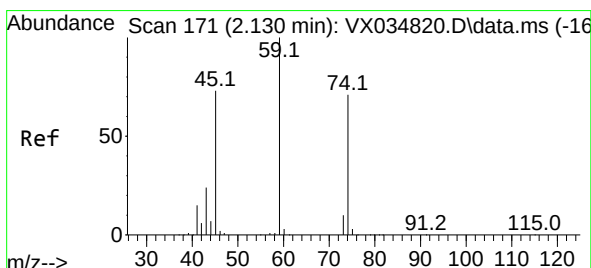
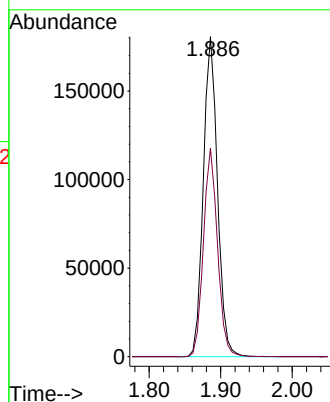
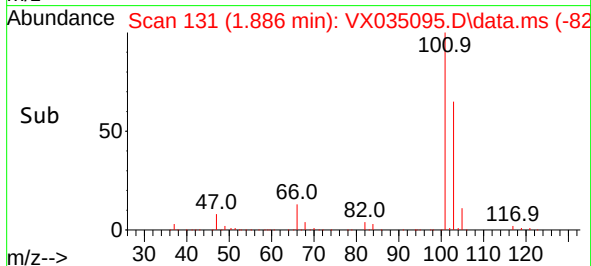
Instrument :
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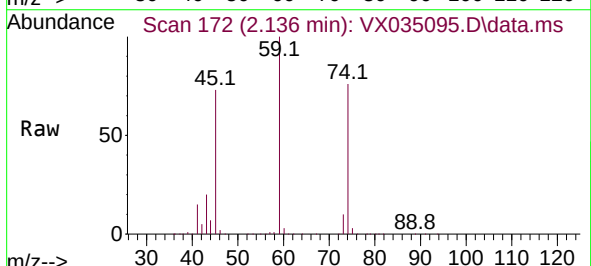
Tgt Ion:101 Resp: 24883
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0

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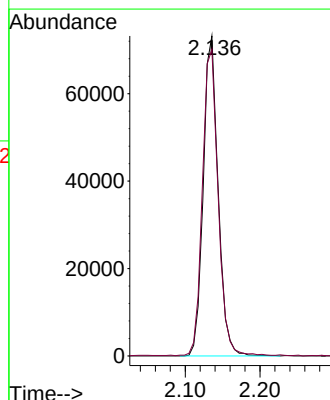
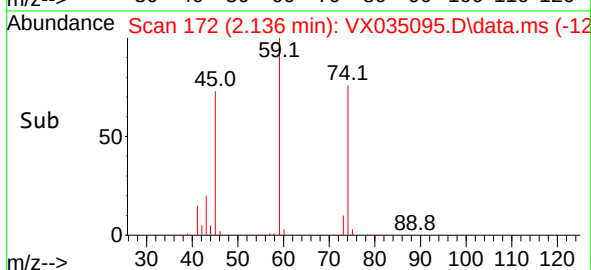
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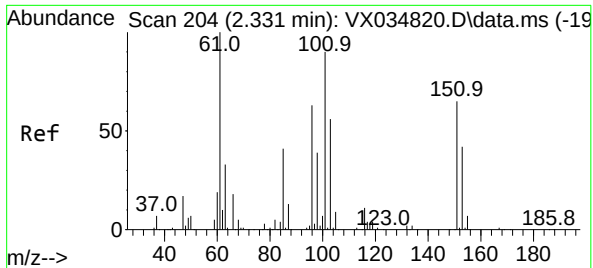


#8
Diethyl Ether
Concen: 53.715 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 101136
Ion Ratio Lower Upper
74 100
45 100.9 49.8 149.3





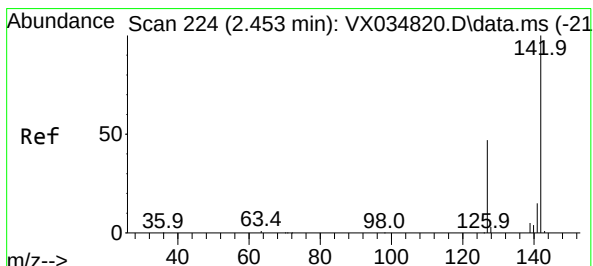
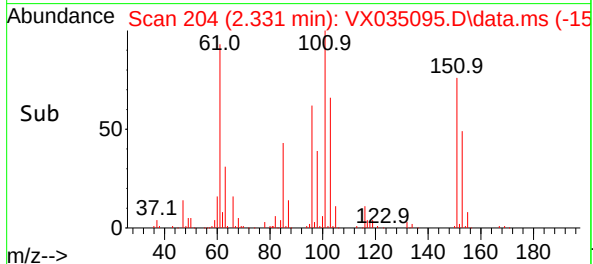
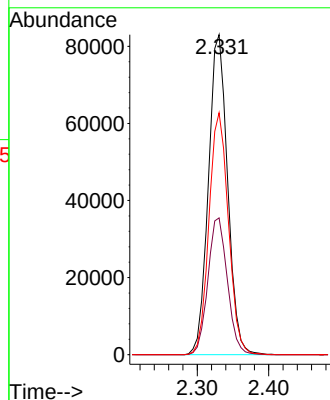
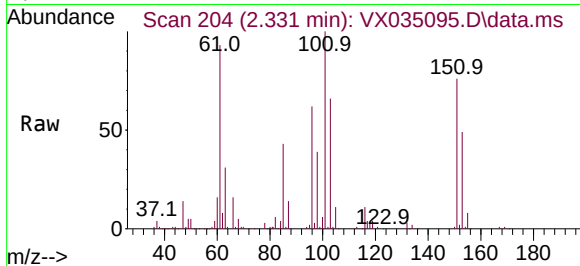
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.384 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 154598
Ion Ratio Lower Upper
101 100
85 43.5 35.4 53.2
151 76.5 60.2 90.4

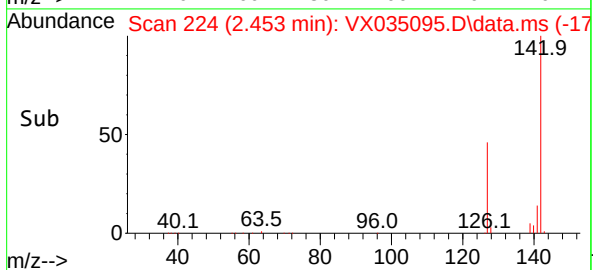
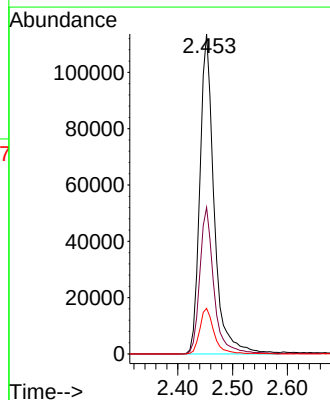
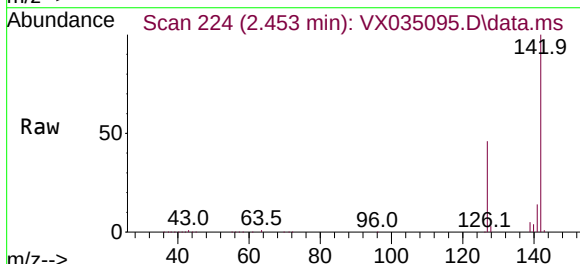
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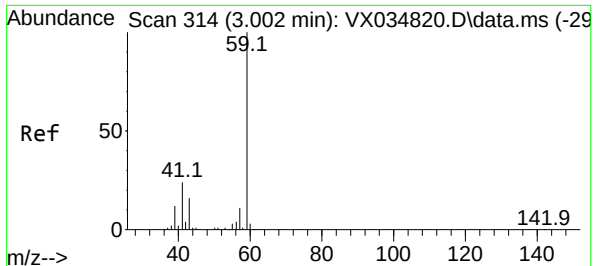
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#10
Methyl Iodide
Concen: 59.157 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Tgt Ion:142 Resp: 205638
Ion Ratio Lower Upper
142 100
127 45.4 34.0 51.0
141 14.4 11.1 16.7





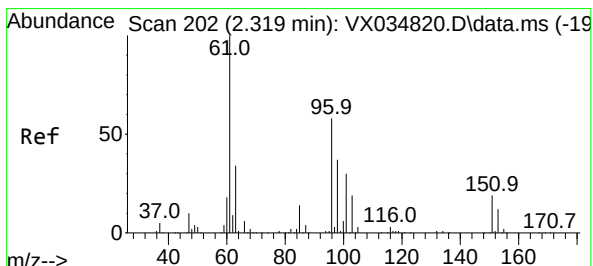
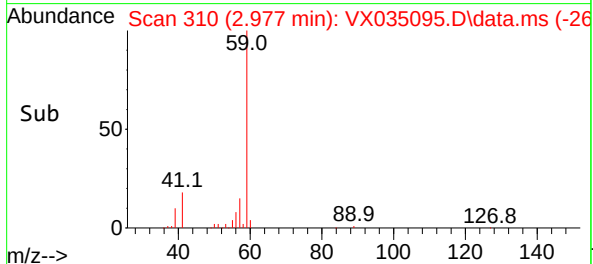
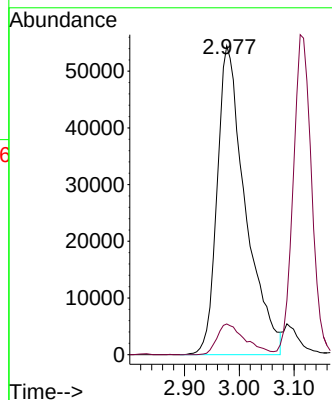
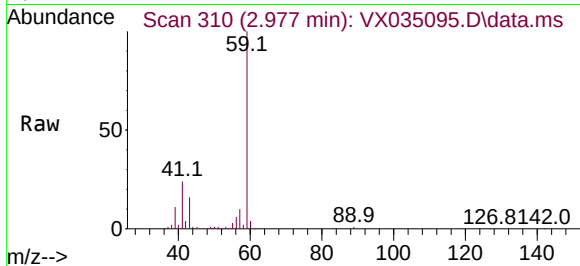
#11
Tert butyl alcohol
Concen: 270.489 ug/l
RT: 2.977 min Scan# 314
Delta R.T. -0.025 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 19500
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

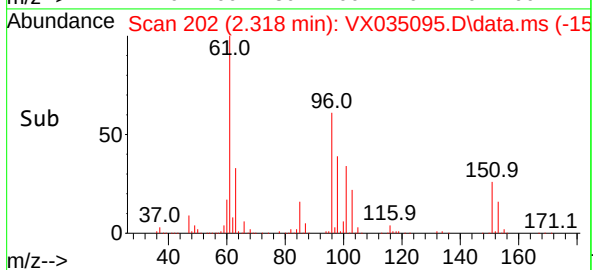
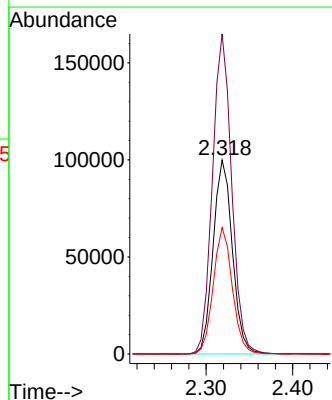
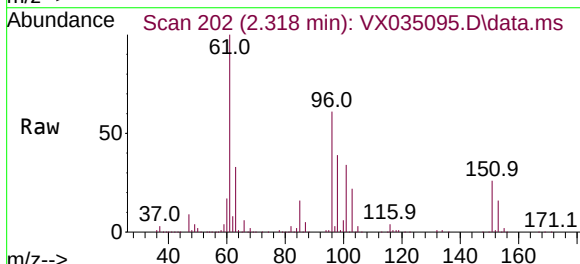
Manual Integrations
APPROVED

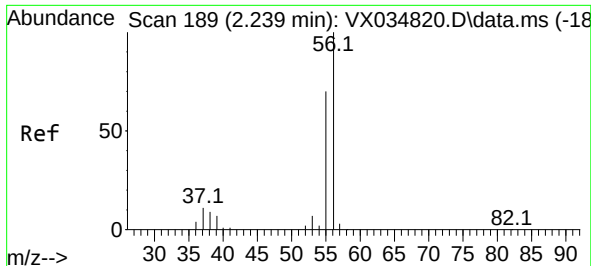
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#12
1,1-Dichloroethene
Concen: 56.132 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

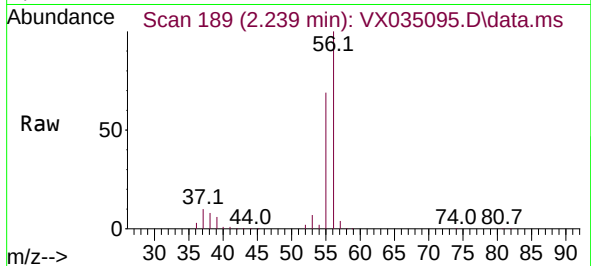
Tgt Ion: 96 Resp: 154826
Ion Ratio Lower Upper
96 100
61 165.0 128.8 193.2
98 65.2 51.4 77.0





#13
Acrolein
Concen: 308.206 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

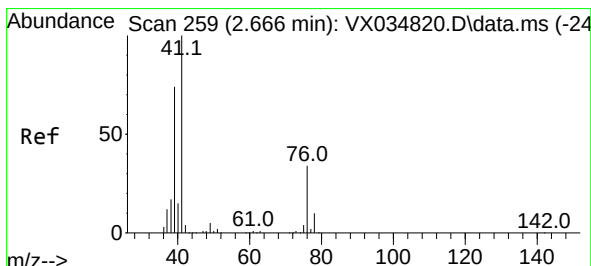
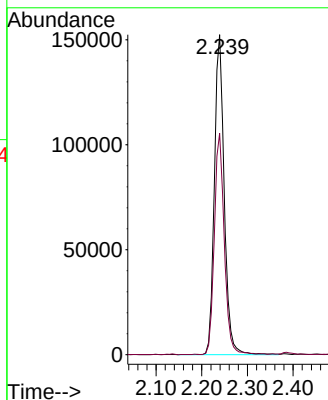
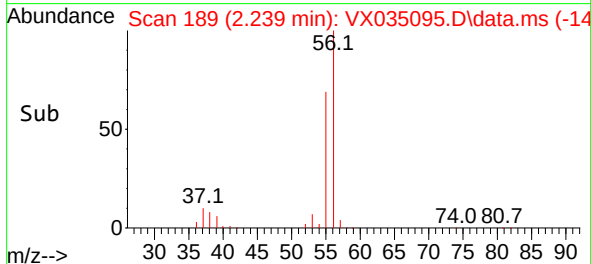
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 228730
Ion Ratio Lower Upper
56 100
55 69.9 56.6 85.0

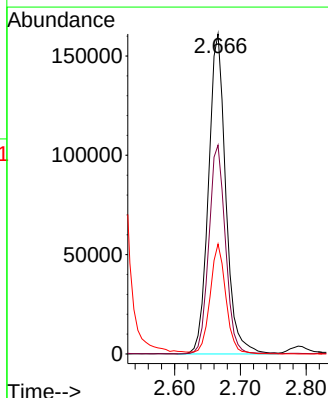
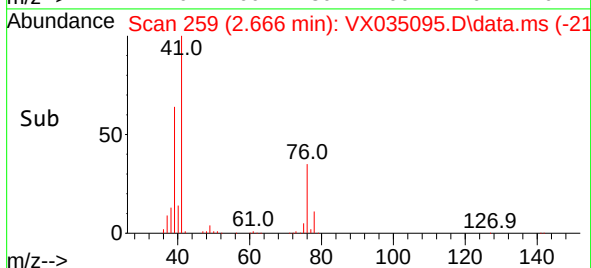
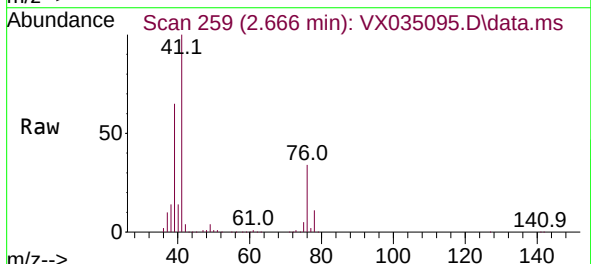
Manual Integrations
APPROVED

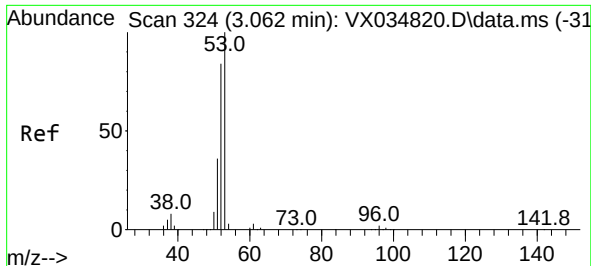
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#14
Allyl chloride
Concen: 54.781 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Tgt Ion: 41 Resp: 296019
Ion Ratio Lower Upper
41 100
39 62.3 52.4 78.6
76 31.3 26.0 39.0





#15

Acrylonitrile

Concen: 316.898 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

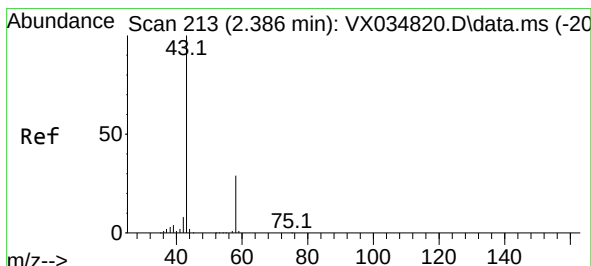
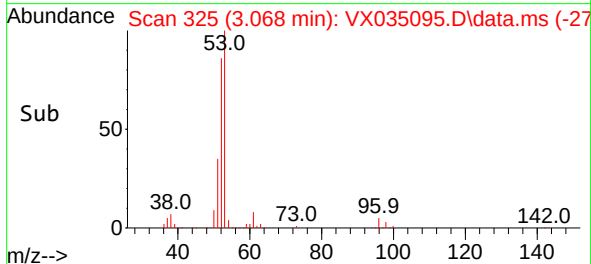
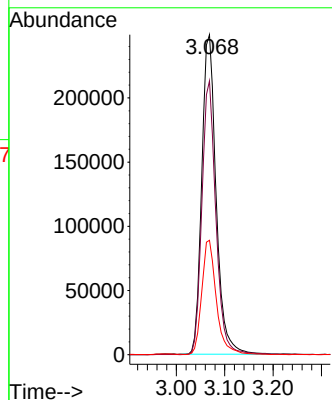
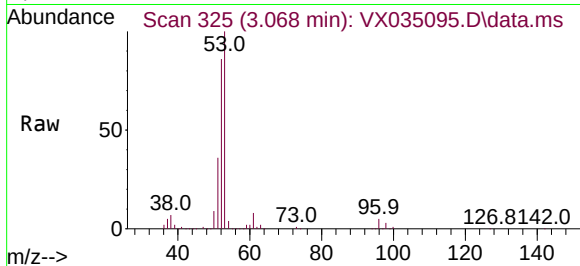
Tgt Ion: 53	Resp: 514250
Ion Ratio	Lower Upper
53 100	
52 83.8	66.2 99.2
51 36.1	28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#16

Acetone

Concen: 264.130 ug/l

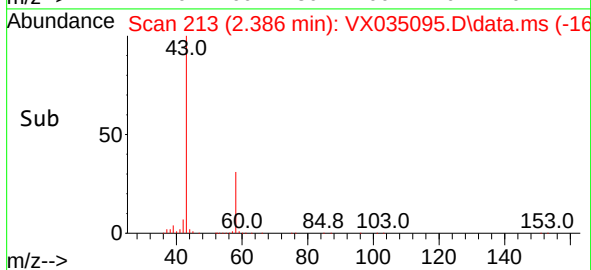
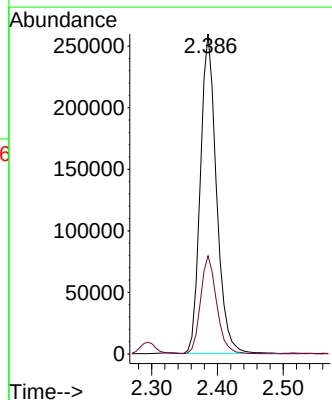
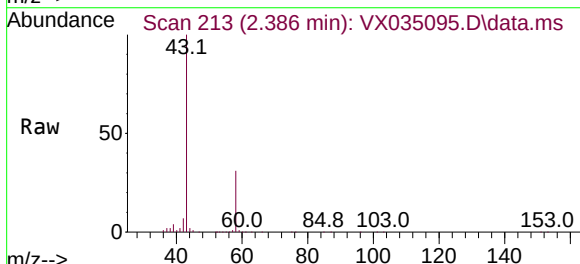
RT: 2.386 min Scan# 213

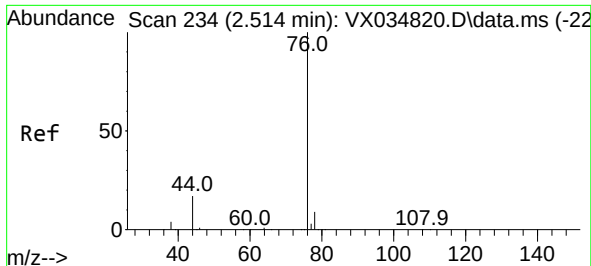
Delta R.T. -0.000 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

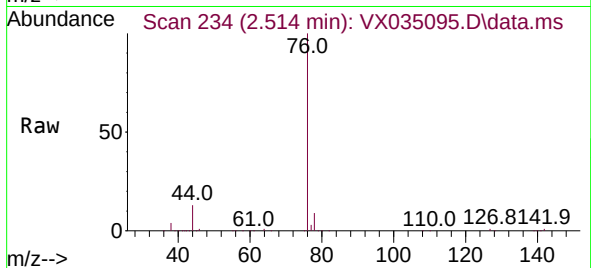
Tgt Ion: 43	Resp: 440888
Ion Ratio	Lower Upper
43 100	
58 30.6	24.7 37.1





#17
Carbon Disulfide
Concen: 52.607 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

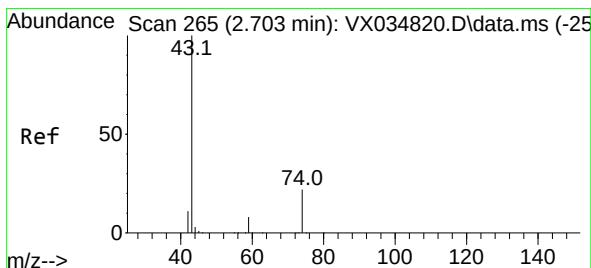
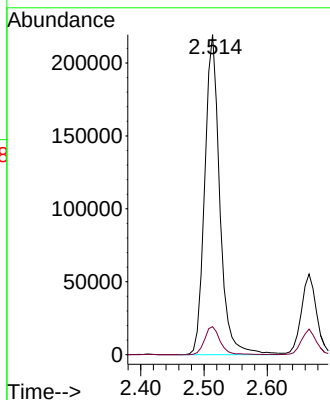
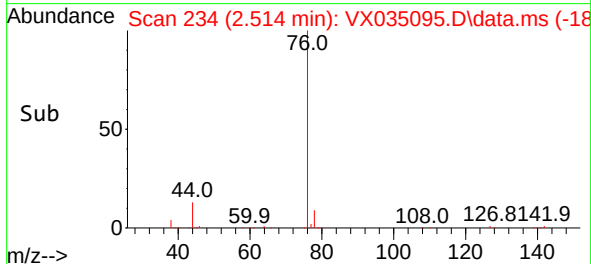
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



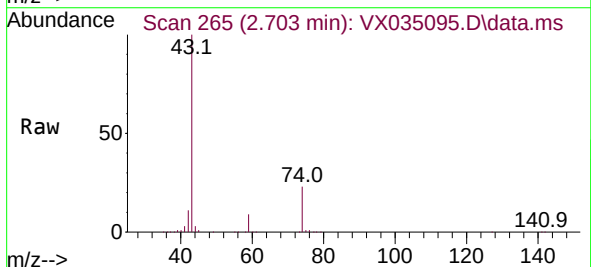
Tgt Ion: 76 Resp: 363410
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

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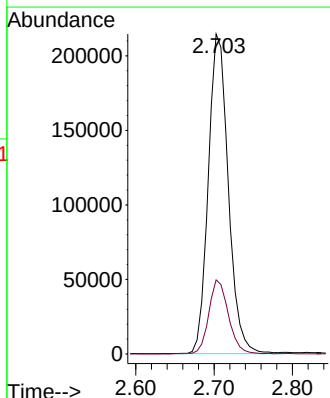
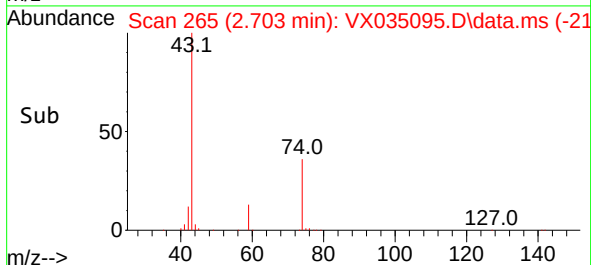
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

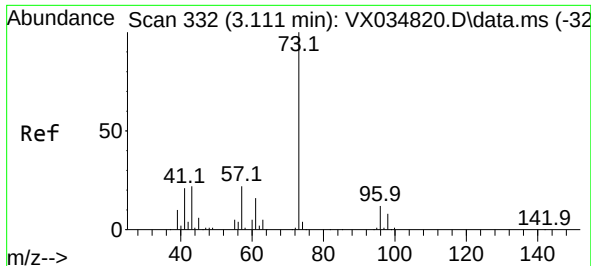


#18
Methyl Acetate
Concen: 64.138 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50



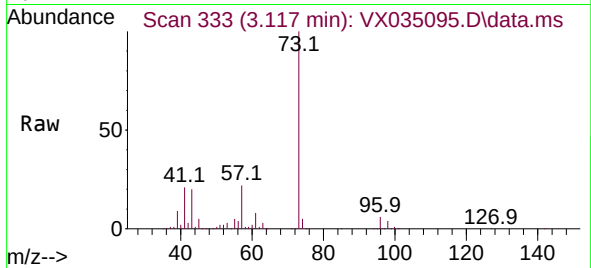
Tgt Ion: 43 Resp: 380389
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 57.352 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

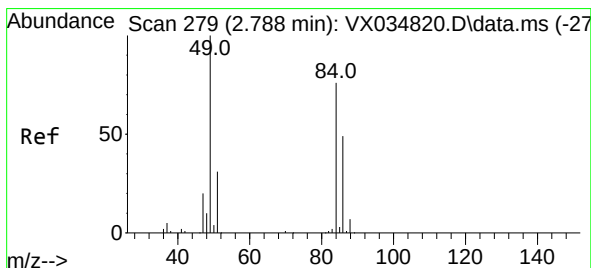
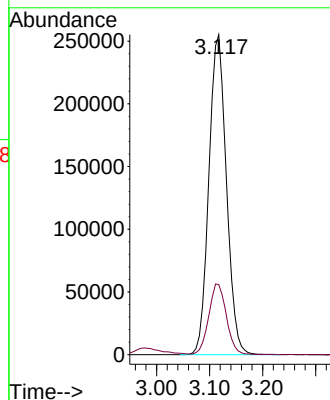
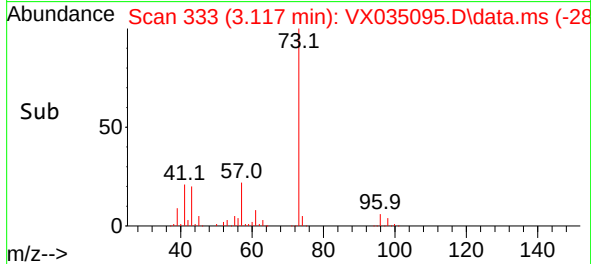
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 58568
Ion Ratio Lower Upper
73 100
57 21.9 18.5 27.7

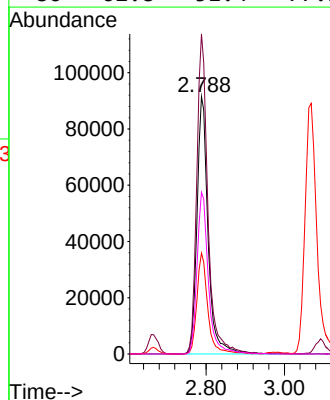
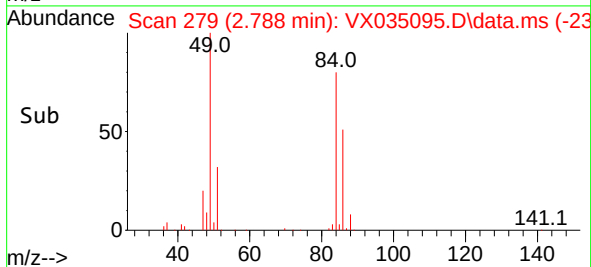
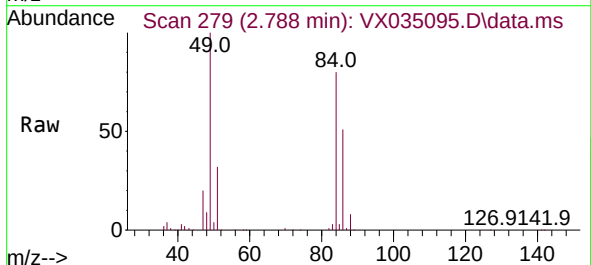
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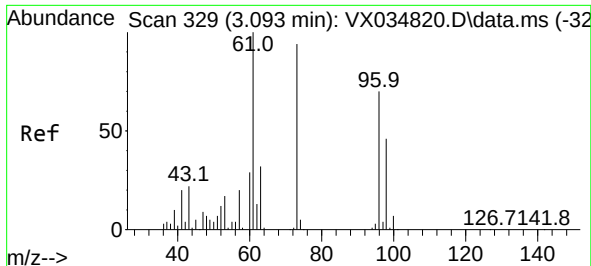
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#20
Methylene Chloride
Concen: 54.929 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

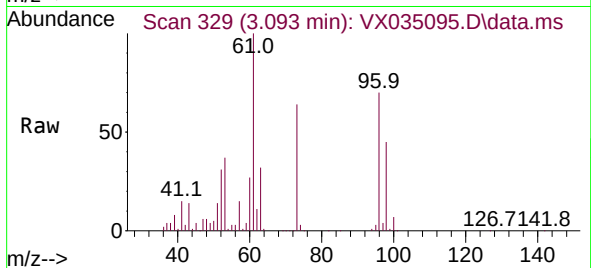
Tgt Ion: 84 Resp: 180930
Ion Ratio Lower Upper
84 100
49 124.3 103.8 155.8
51 39.2 31.8 47.8
86 62.8 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 56.302 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

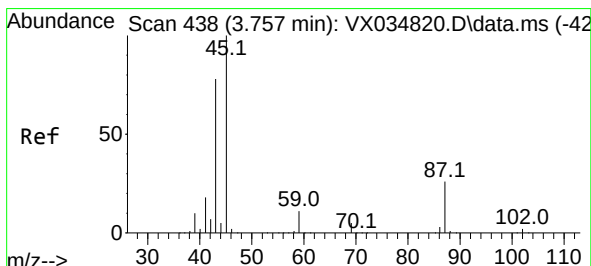
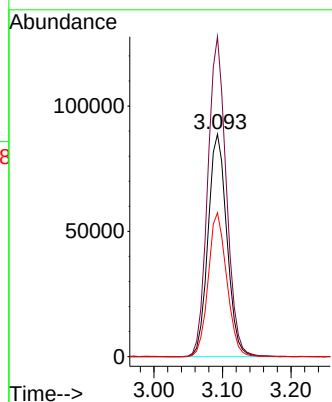
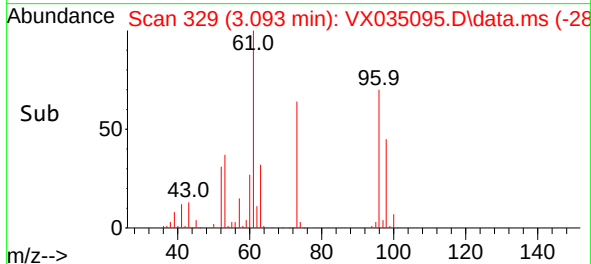
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



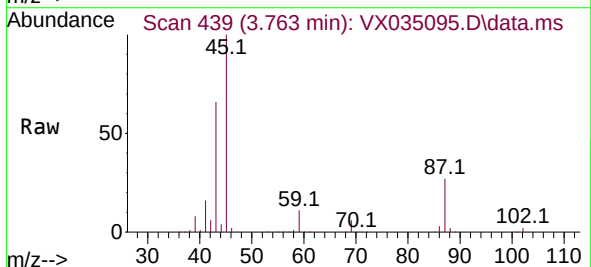
Tgt Ion: 96 Resp: 169360
Ion Ratio Lower Upper
96 100
61 143.8 113.0 169.6
98 64.6 52.1 78.1

Manual Integrations
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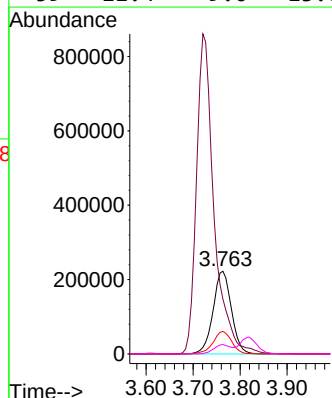
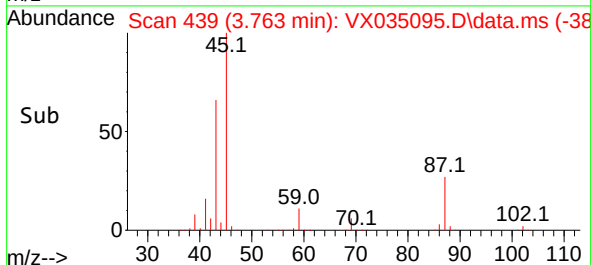
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

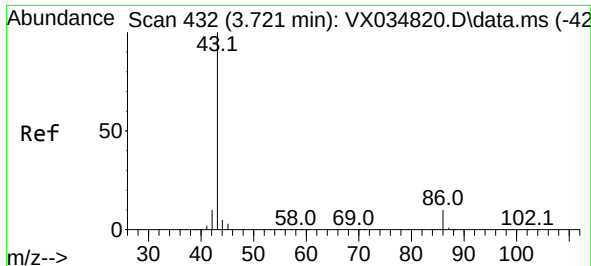


#22
Diisopropyl ether
Concen: 55.271 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50



Tgt Ion: 45 Resp: 602633
Ion Ratio Lower Upper
45 100
43 66.0 65.4 98.2
87 27.3 20.6 31.0
59 11.4 9.0 13.6





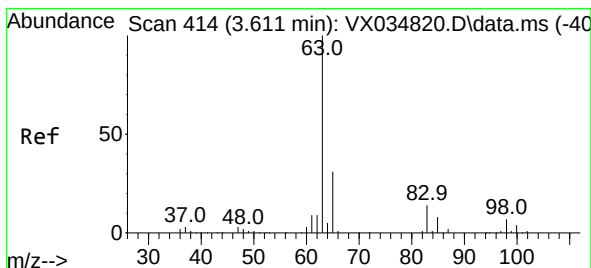
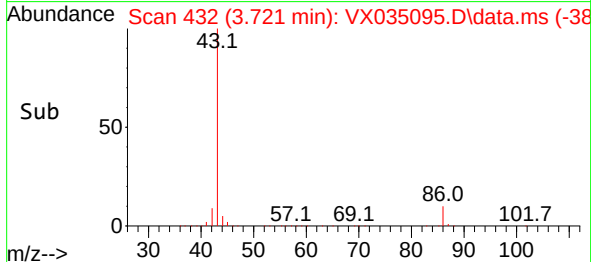
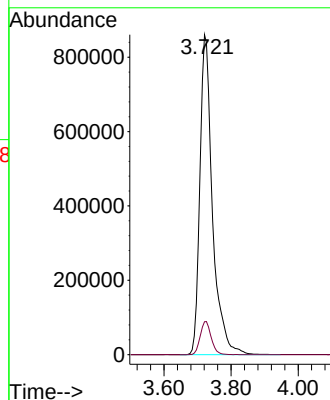
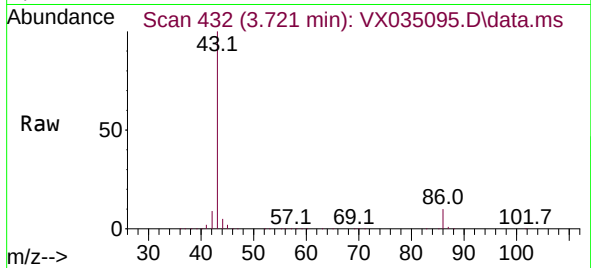
#23
 Vinyl Acetate
 Concen: 288.050 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035095.D
 Acq: 14 Apr 2023 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 223990
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7

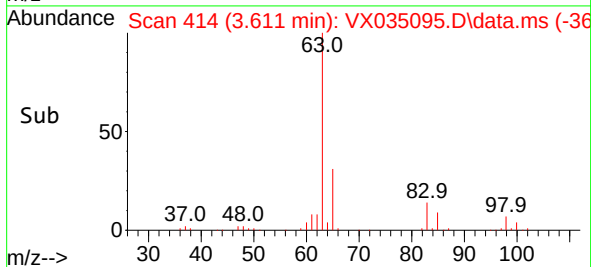
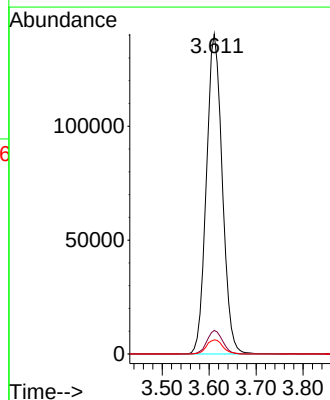
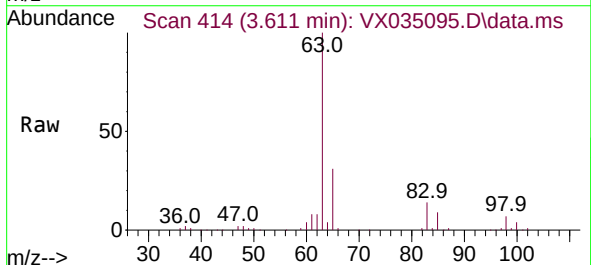
Manual Integrations
 APPROVED

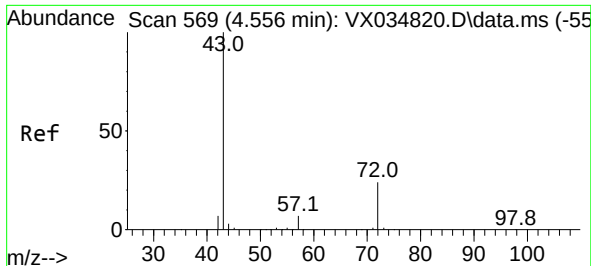
Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023



#24
 1,1-Dichloroethane
 Concen: 56.008 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX035095.D
 Acq: 14 Apr 2023 19:50

Tgt Ion: 63 Resp: 328568
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.4 2.4 7.1





#25

2-Butanone

Concen: 298.154 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.000 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 72394

Ion Ratio Lower Upper

43 100

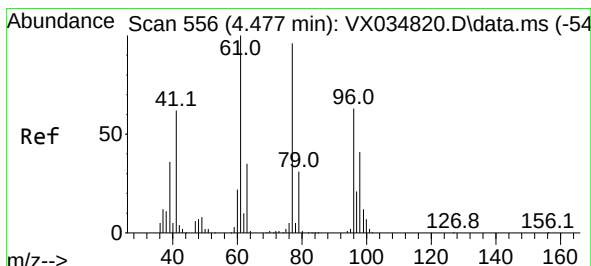
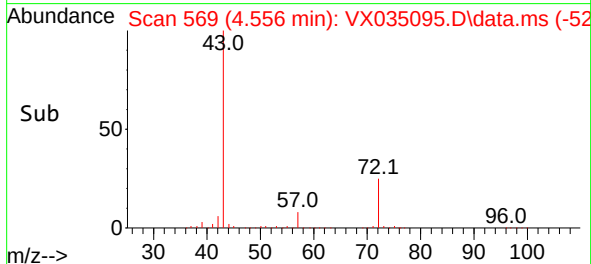
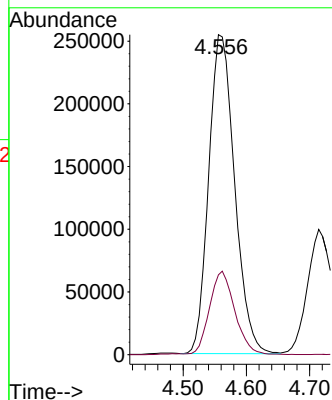
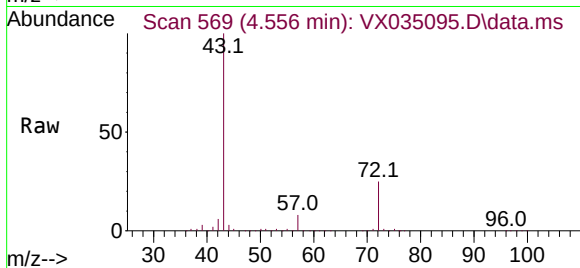
72 24.9 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#26

2,2-Dichloropropane

Concen: 41.309 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX035095.D

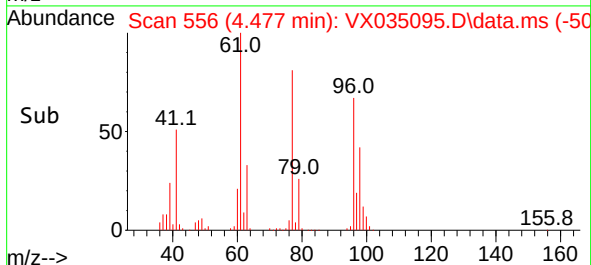
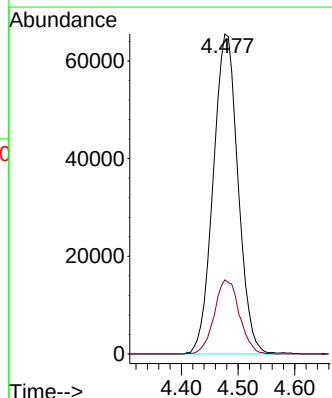
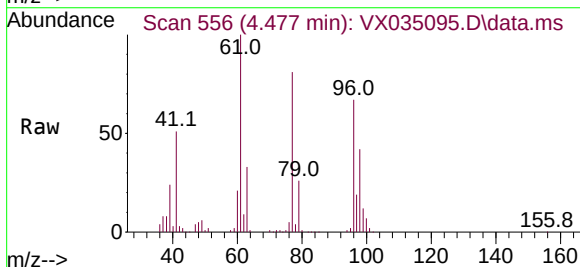
Acq: 14 Apr 2023 19:50

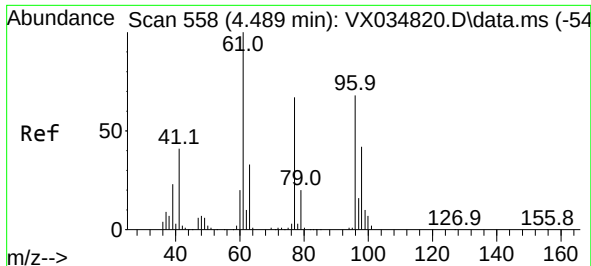
Tgt Ion: 77 Resp: 199288

Ion Ratio Lower Upper

77 100

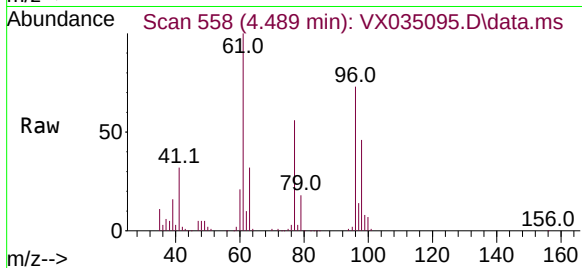
97 23.4 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 56.008 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX035095.D
 Acq: 14 Apr 2023 19:50

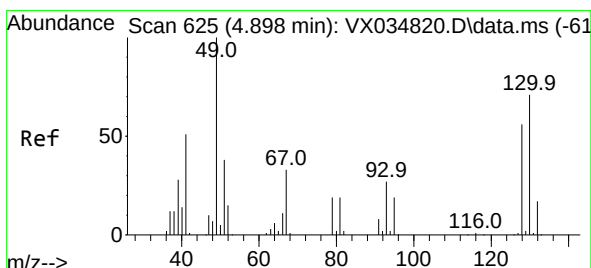
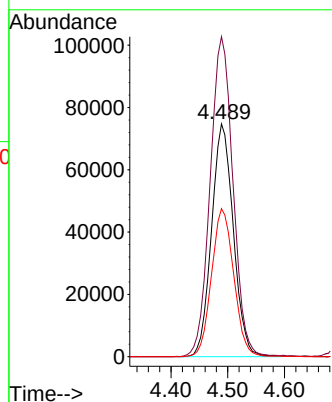
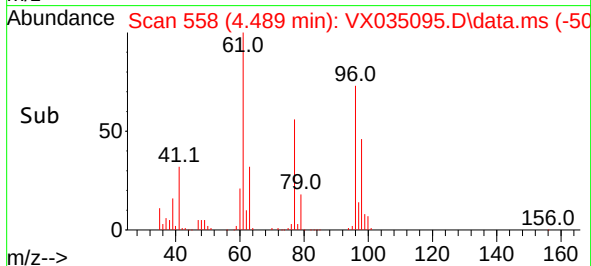
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



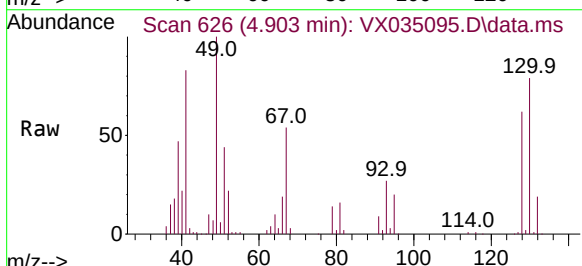
Tgt Ion: 96 Resp: 199639
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 300.4
 98 64.9 0.0 129.0

Manual Integrations
 APPROVED

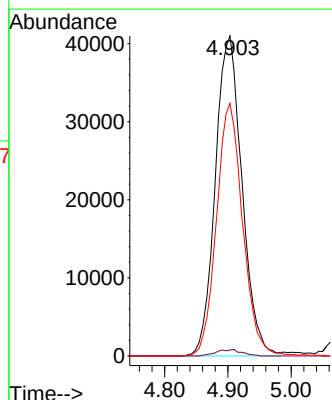
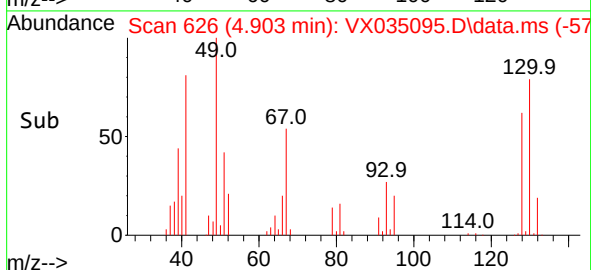
Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023

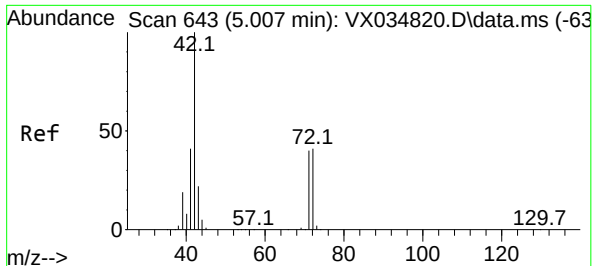


#28
 Bromochloromethane
 Concen: 41.807 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. 0.006 min
 Lab File: VX035095.D
 Acq: 14 Apr 2023 19:50



Tgt Ion: 49 Resp: 119973
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 77.3 58.2 87.2





#29

Tetrahydrofuran

Concen: 316.915 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 482056

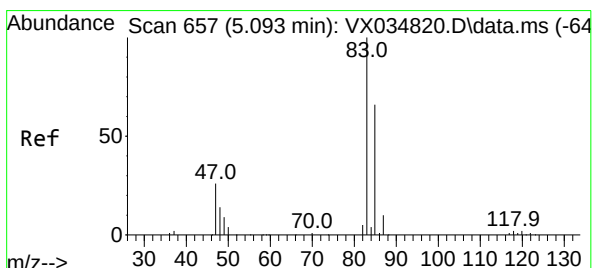
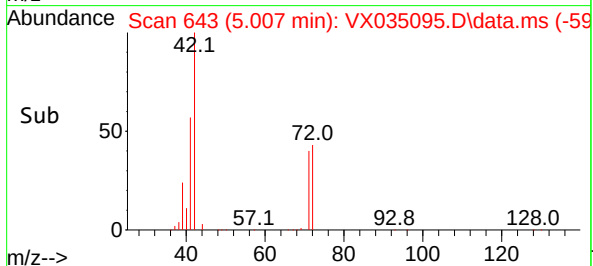
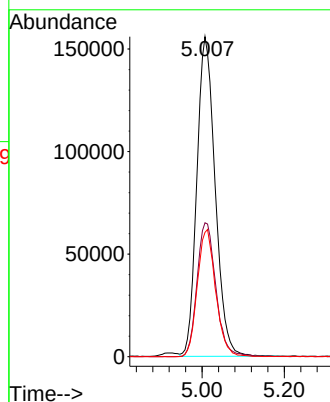
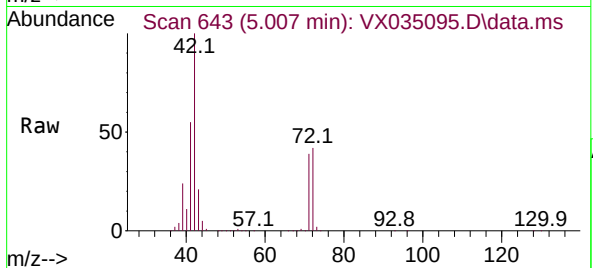
Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.5	51.7
71	39.8	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#30

Chloroform

Concen: 54.551 ug/l

RT: 5.098 min Scan# 658

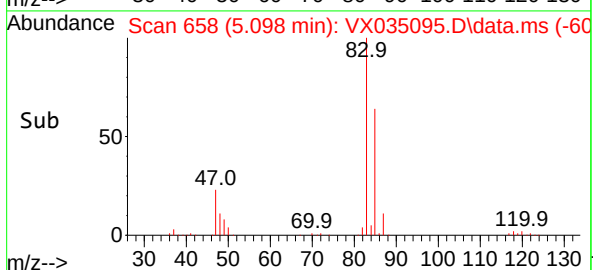
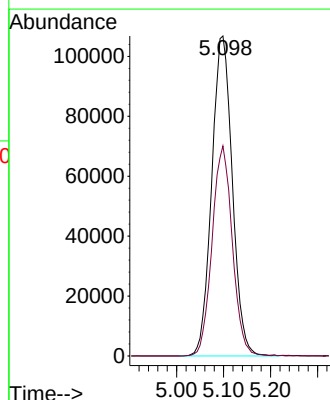
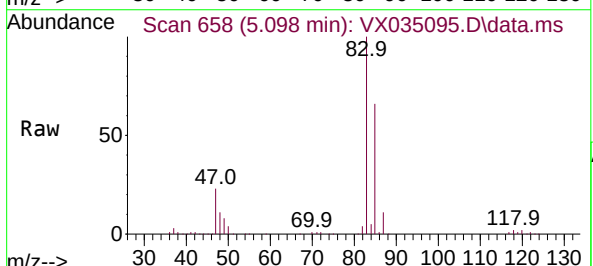
Delta R.T. 0.006 min

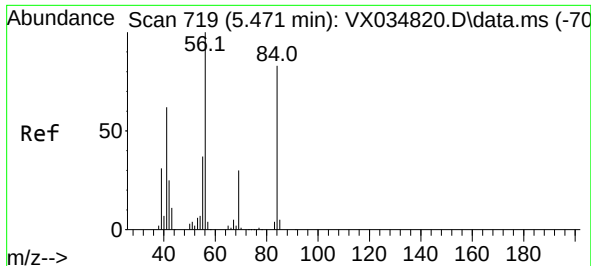
Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Tgt Ion: 83 Resp: 325045

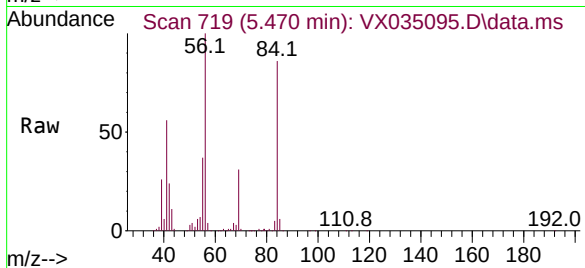
Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.6	76.0





#31
Cyclohexane
Concen: 52.187 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

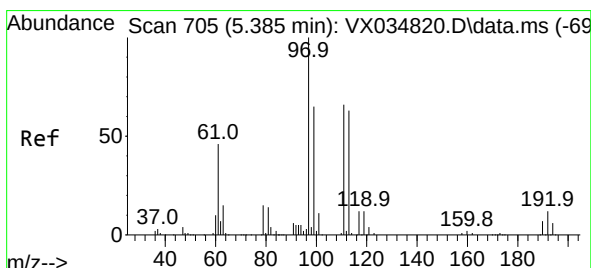
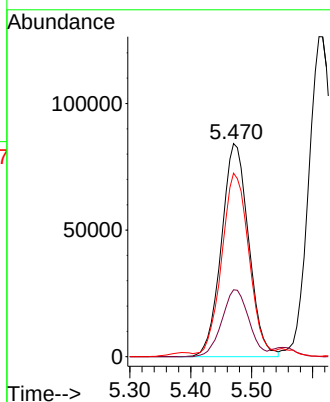
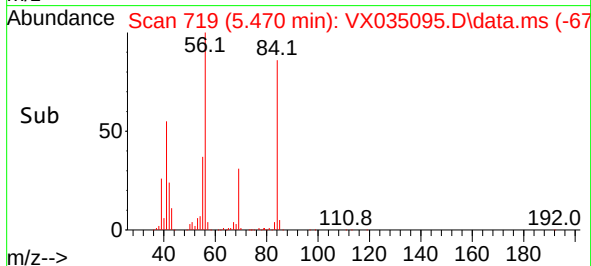
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



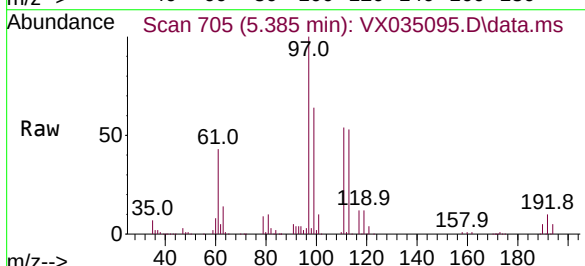
Tgt Ion: 56 Resp: 261109
Ion Ratio Lower Upper
56 100
69 31.4 23.7 35.5
84 84.4 68.5 102.7

Manual Integrations
APPROVED

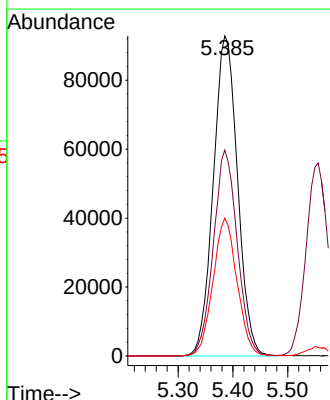
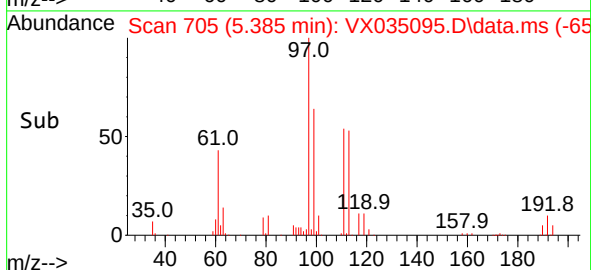
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

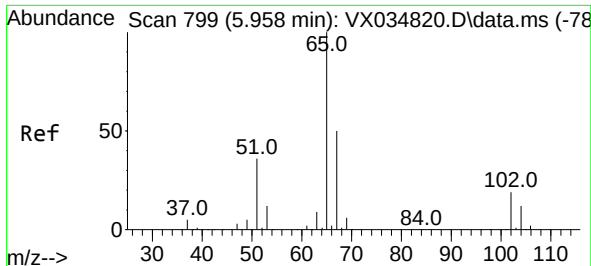


#32
1,1,1-Trichloroethane
Concen: 56.140 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50



Tgt Ion: 97 Resp: 285460
Ion Ratio Lower Upper
97 100
99 63.5 51.1 76.7
61 42.8 36.5 54.7





#33
1,2-Dichloroethane-d4
Concen: 43.407 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

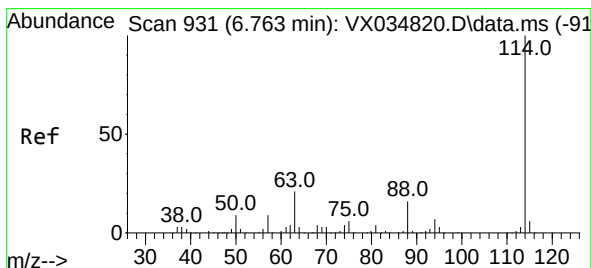
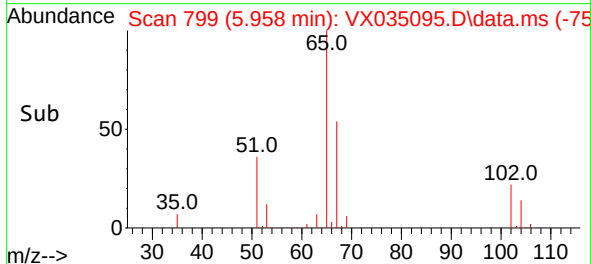
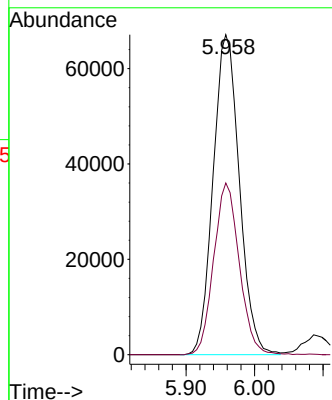
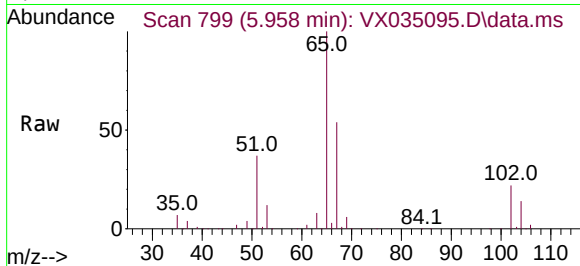
VSTDCCC050EC

Tgt Ion: 65 Resp: 178359
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0

Manual Integrations

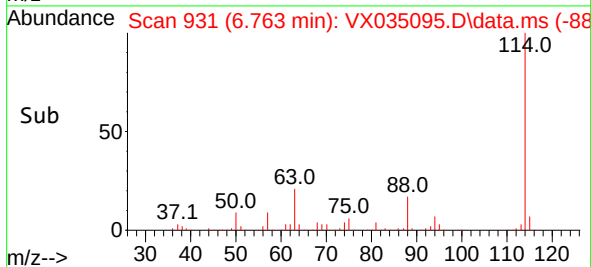
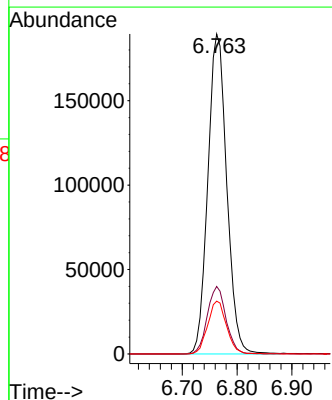
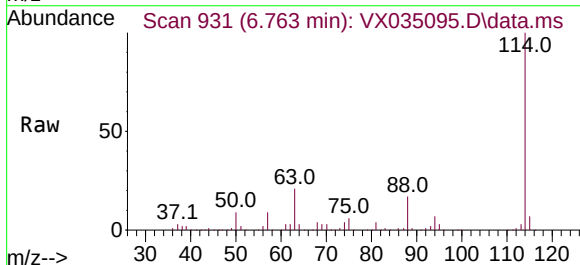
APPROVED

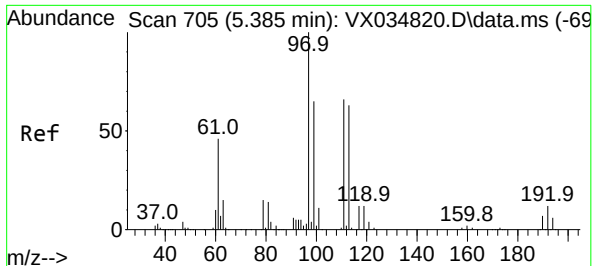
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

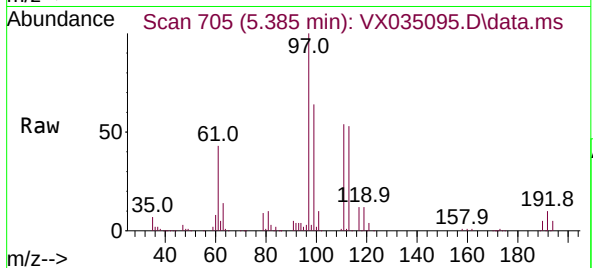
Tgt Ion:114 Resp: 453258
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.2
88 16.5 0.0 33.2





#35
Dibromofluoromethane
Concen: 47.475 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

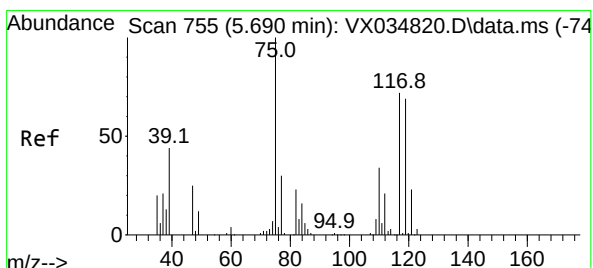
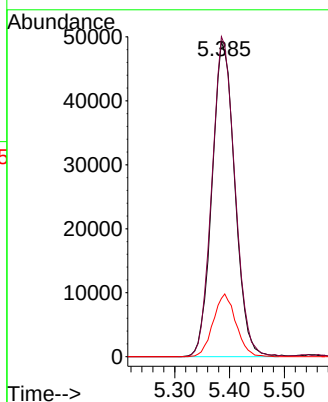
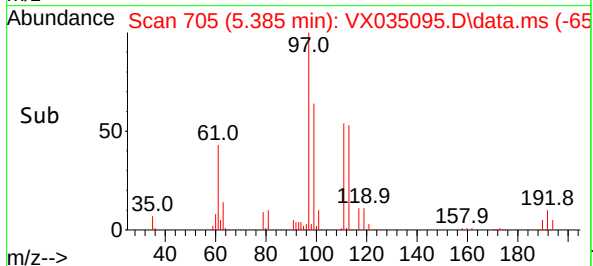
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 142320
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 19.9 15.4 23.2

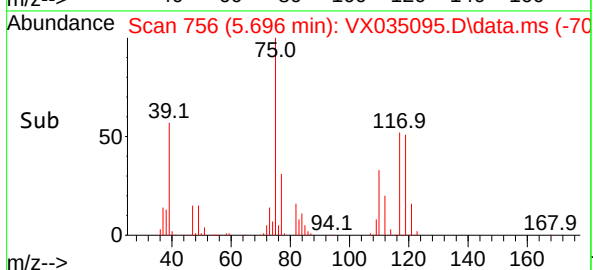
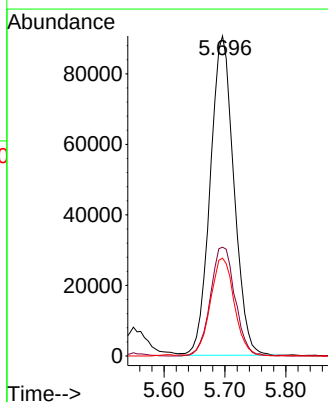
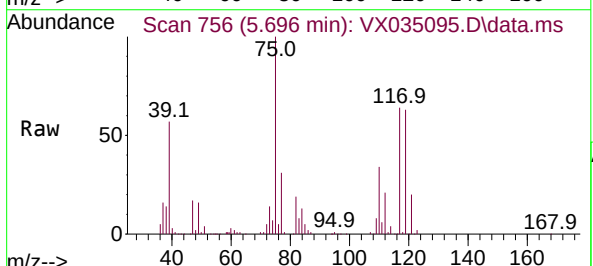
Manual Integrations
APPROVED

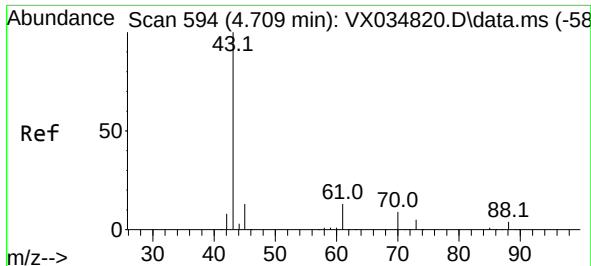
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#36
1,1-Dichloropropene
Concen: 54.924 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Tgt Ion: 75 Resp: 243946
Ion Ratio Lower Upper
75 100
110 35.5 17.5 52.5
77 31.2 24.3 36.5





#37

Ethyl Acetate

Concen: 60.927 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 282954

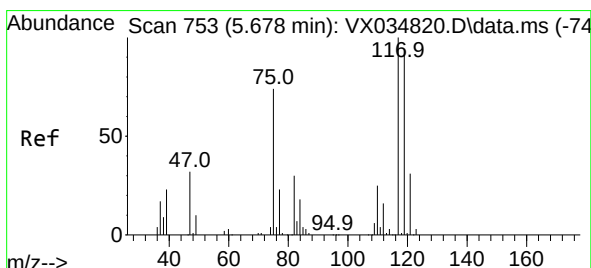
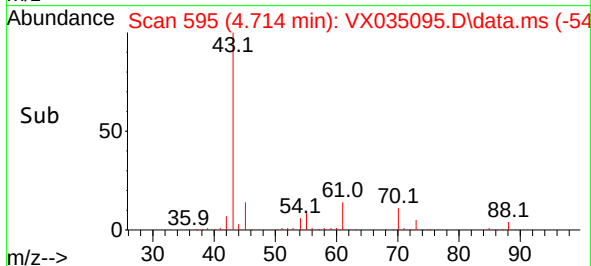
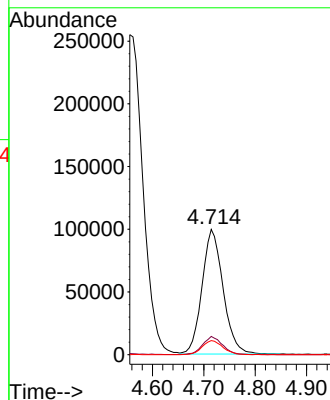
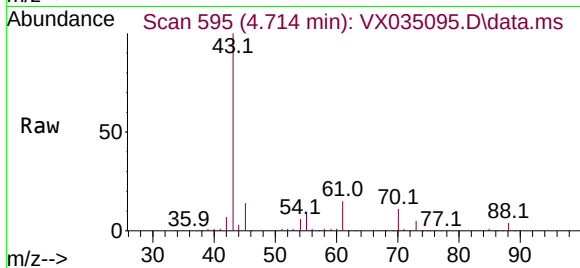
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.2	15.4
70	11.2	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#38

Carbon Tetrachloride

Concen: 55.840 ug/l

RT: 5.678 min Scan# 753

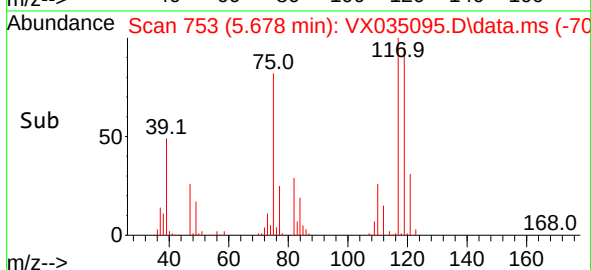
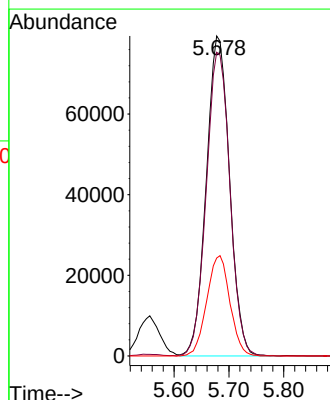
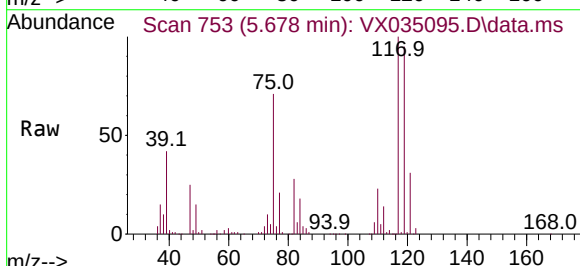
Delta R.T. -0.000 min

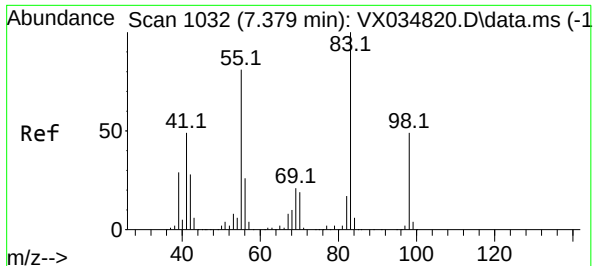
Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Tgt Ion:117 Resp: 233830

Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.6	114.8
121	30.6	23.8	35.6





#39

Methylcyclohexane

Concen: 49.050 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX035095.D

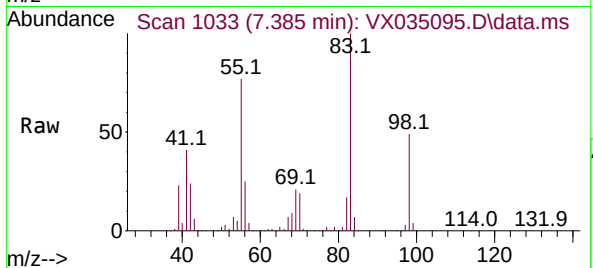
Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



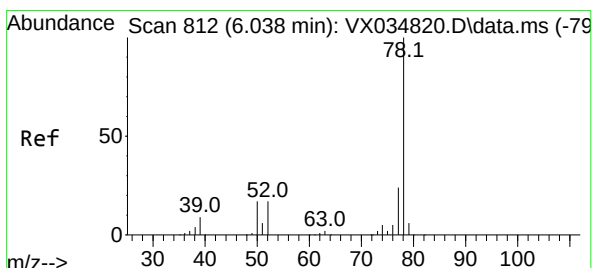
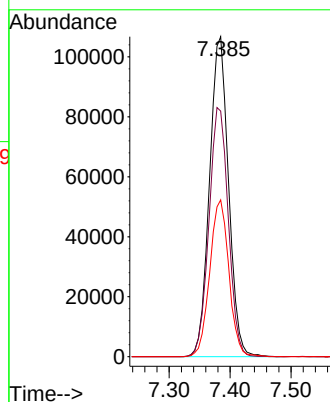
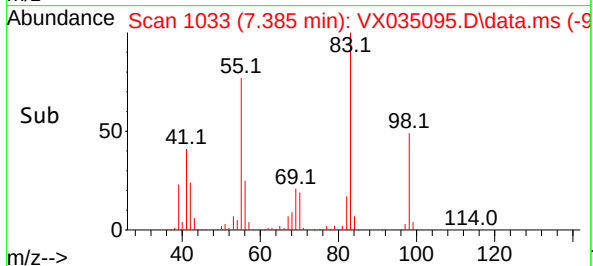
Tgt Ion:	83	Resp:	231339
Ion Ratio	100	Lower	Upper
83	100		
55	76.7	60.5	90.7
98	49.0	40.4	60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#40

Benzene

Concen: 56.618 ug/l

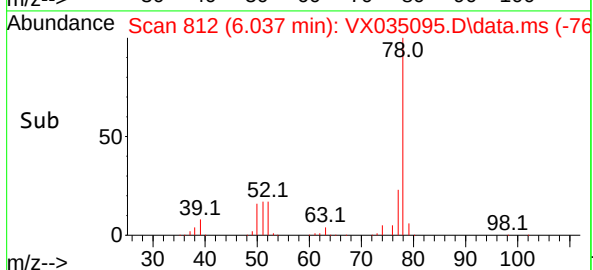
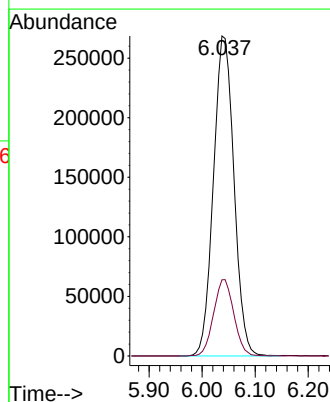
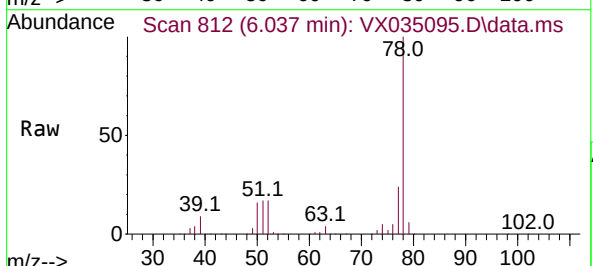
RT: 6.037 min Scan# 812

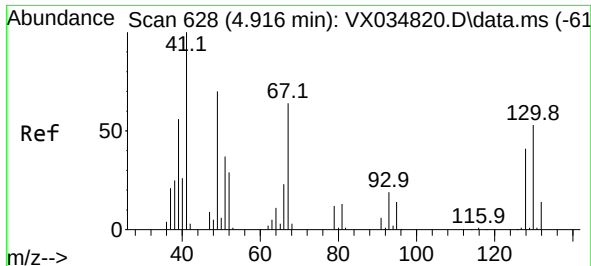
Delta R.T. -0.000 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Tgt Ion:	78	Resp:	721869
Ion Ratio	100	Lower	Upper
78	100		
77	23.8	19.0	28.4





#41
Methacrylonitrile
Concen: 64.509 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

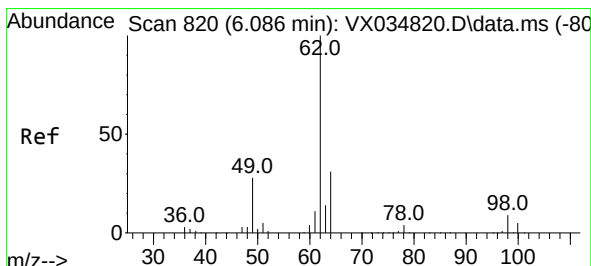
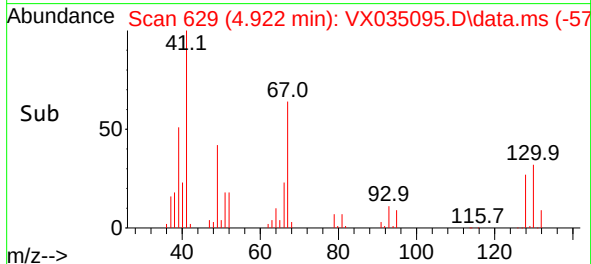
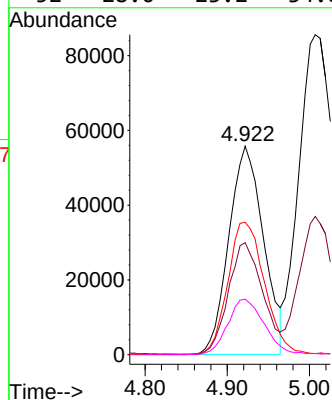
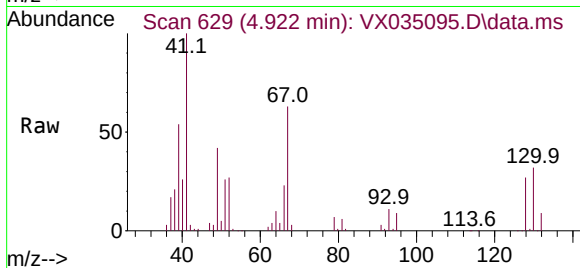
Tgt Ion: 41 Resp: 162929
Ion Ratio Lower Upper
41 100
39 53.2 45.0 67.6
67 67.5 55.6 83.4
52 28.0 23.2 34.8

Manual Integrations

APPROVED

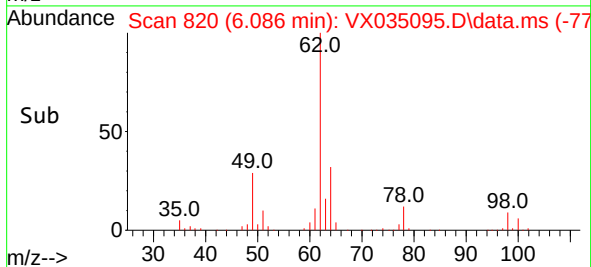
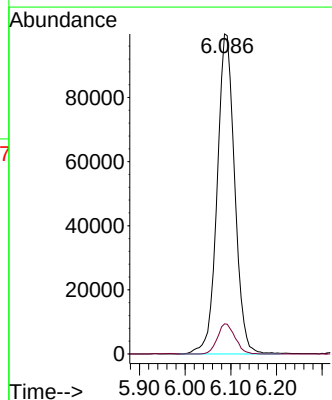
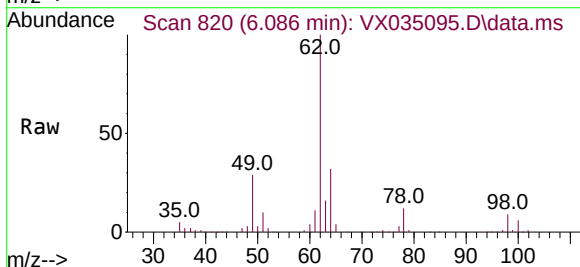
Reviewed By :John Carlone 04/17/2023

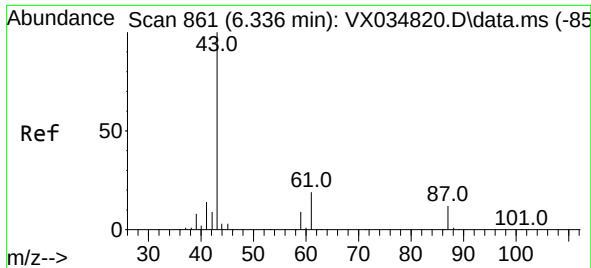
Supervised By :Mahesh Dadoda 04/17/2023



#42
1,2-Dichloroethane
Concen: 52.619 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Tgt Ion: 62 Resp: 266721
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.0





#43

Isopropyl Acetate

Concen: 59.804 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 46466

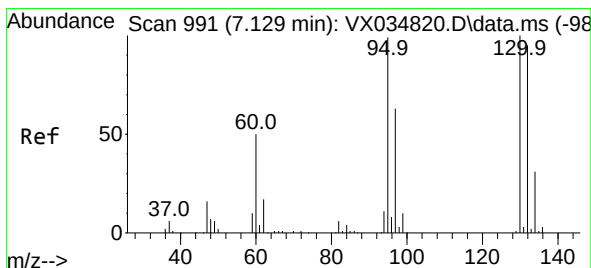
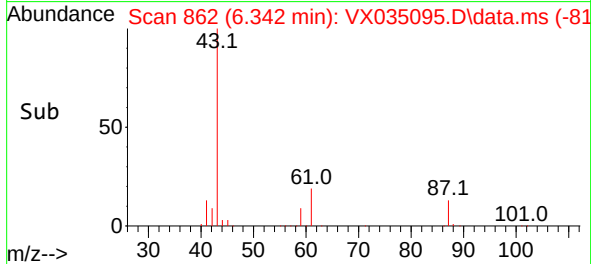
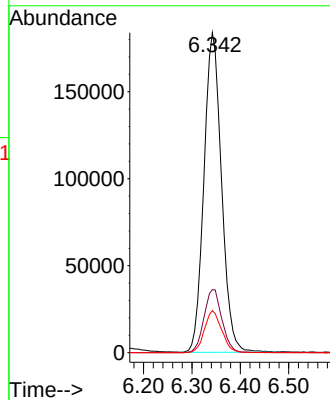
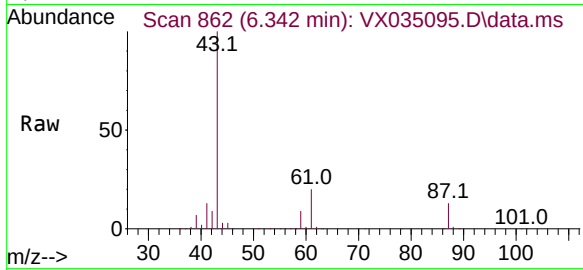
Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.2	22.8
87	12.9	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#44

Trichloroethene

Concen: 58.464 ug/l

RT: 7.129 min Scan# 991

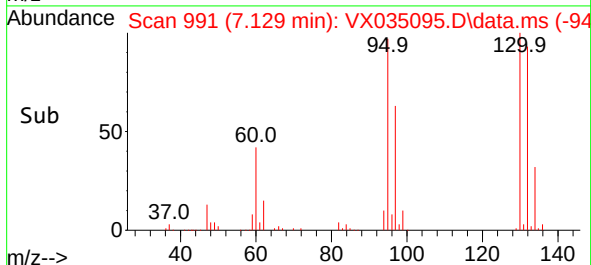
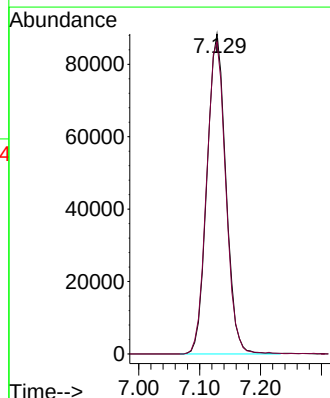
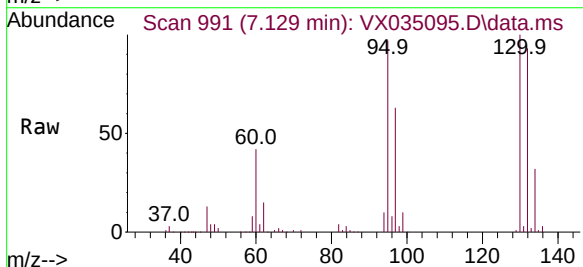
Delta R.T. -0.000 min

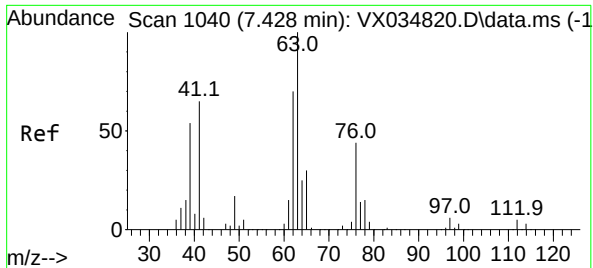
Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Tgt Ion:130 Resp: 190280

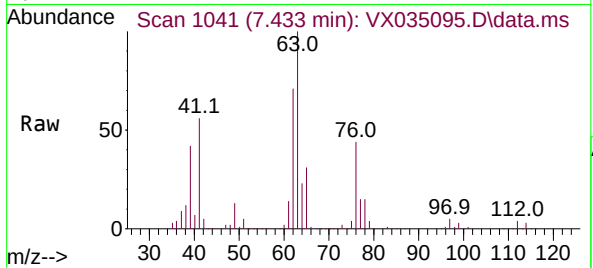
Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	198.4





#45
1,2-Dichloropropane
Concen: 56.727 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

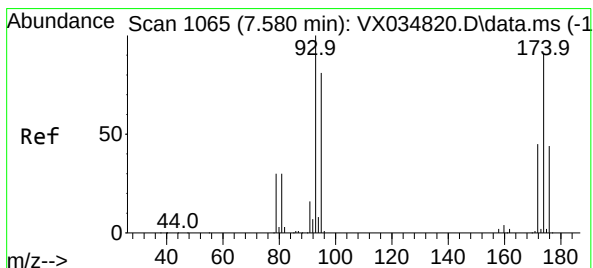
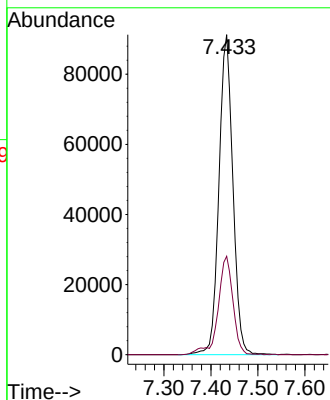
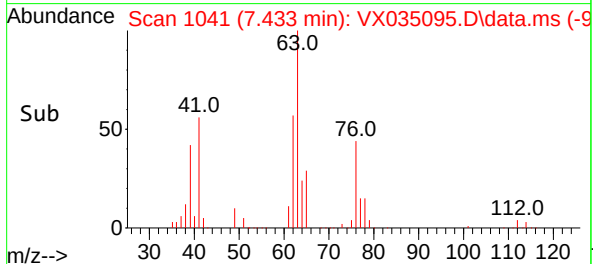
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 18847
Ion Ratio Lower Upper
63 100
65 30.7 24.6 37.0

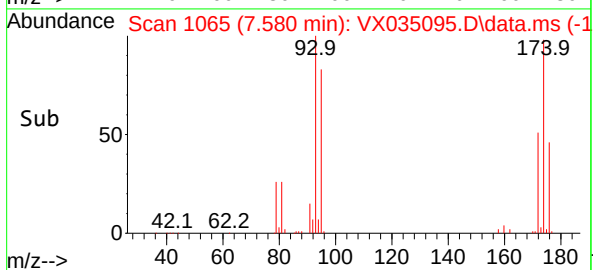
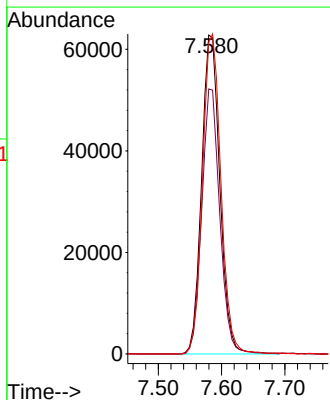
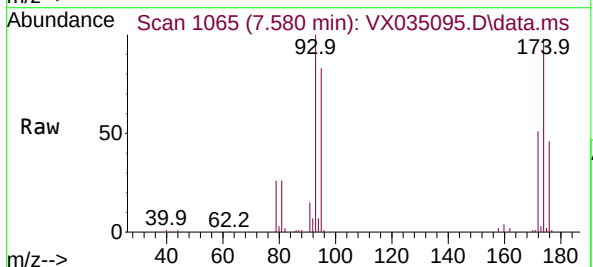
Manual Integrations
APPROVED

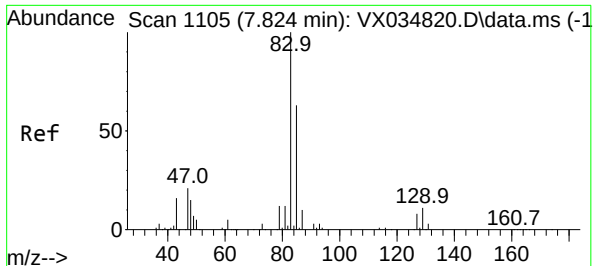
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#46
Dibromomethane
Concen: 55.241 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

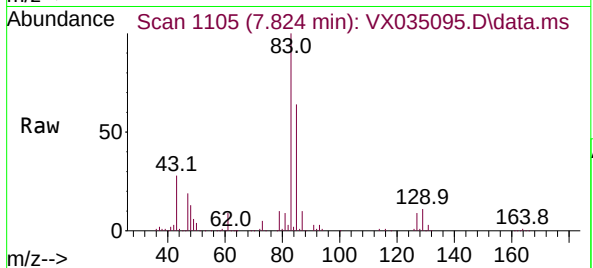
Tgt Ion: 93 Resp: 126281
Ion Ratio Lower Upper
93 100
95 82.2 66.9 100.3
174 100.6 75.4 113.0





#47
Bromodichloromethane
Concen: 55.743 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

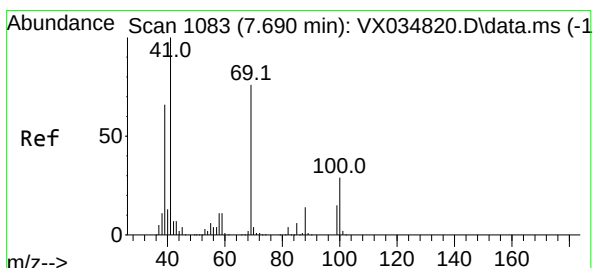
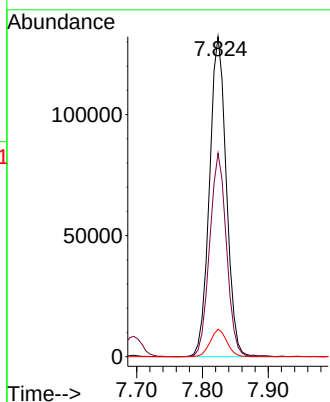
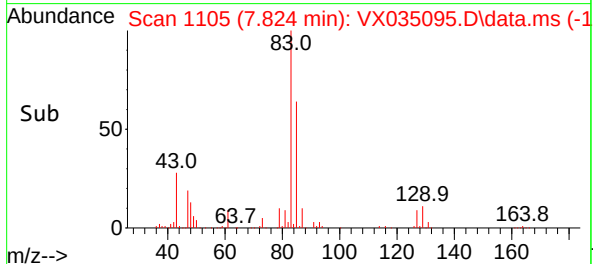
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 235379
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4
127 8.6 6.6 9.8

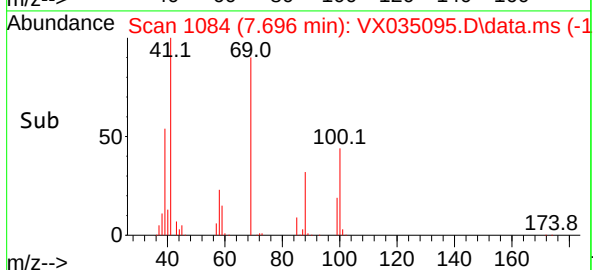
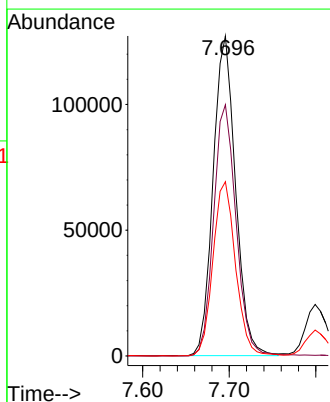
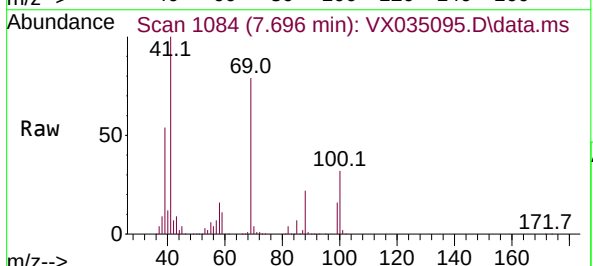
Manual Integrations
APPROVED

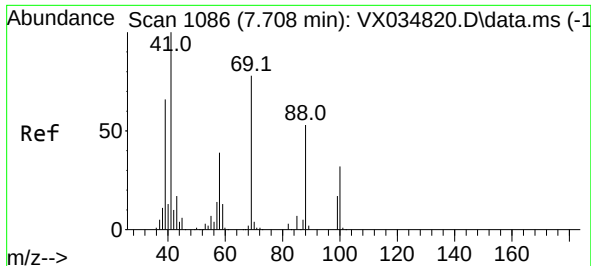
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#48
Methyl methacrylate
Concen: 59.953 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Tgt Ion: 41 Resp: 228764
Ion Ratio Lower Upper
41 100
69 79.3 62.2 93.4
39 54.9 47.7 71.5





#49

1,4-Dioxane

Concen: 1081.972 ug/l

RT: 7.683 min Scan# 1086

Delta R.T. -0.025 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

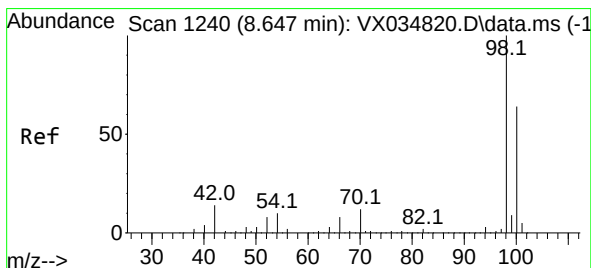
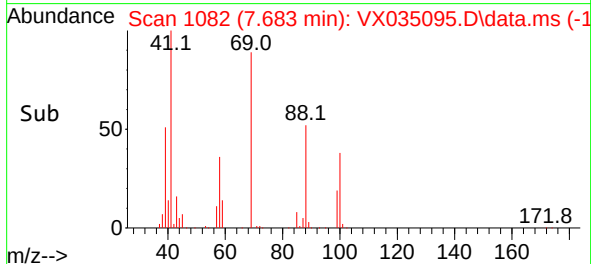
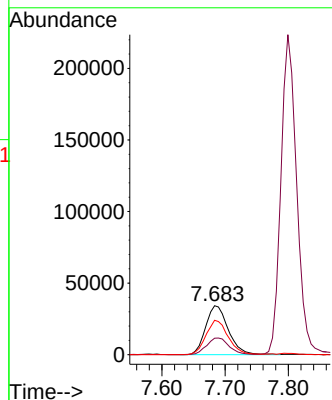
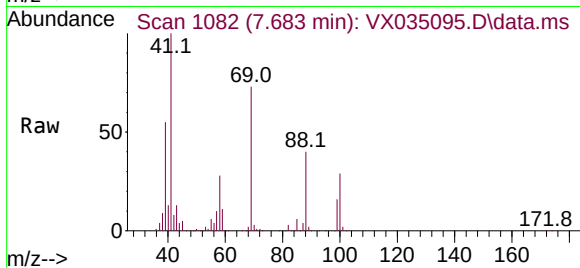
Tgt Ion:	88	Resp:	8508
Ion Ratio	Lower	Upper	
88	100		
43	33.4	27.7	41.5
58	69.2	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#50

Toluene-d8

Concen: 46.595 ug/l

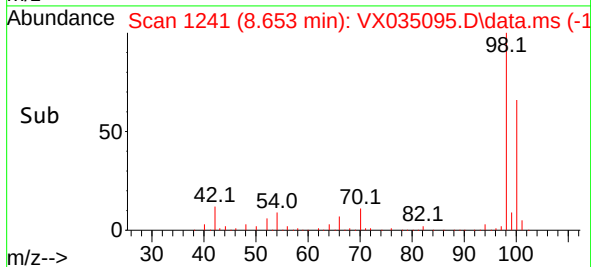
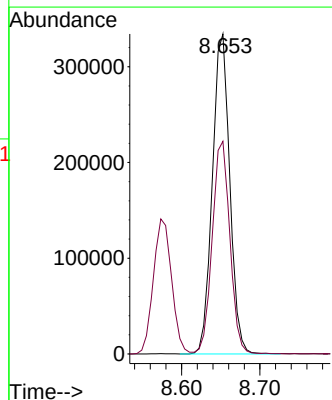
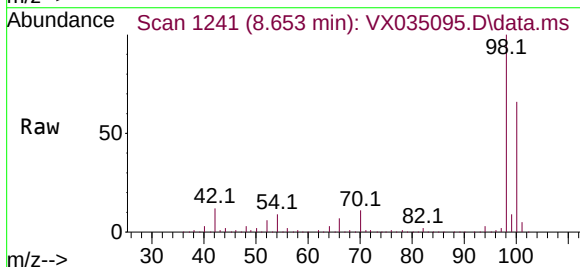
RT: 8.653 min Scan# 1241

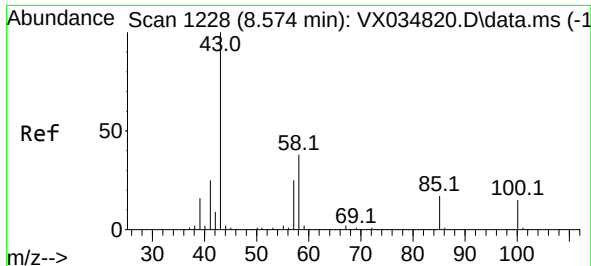
Delta R.T. 0.006 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Tgt Ion:	98	Resp:	515602
Ion Ratio	Lower	Upper	
98	100		
100	67.3	52.5	78.7





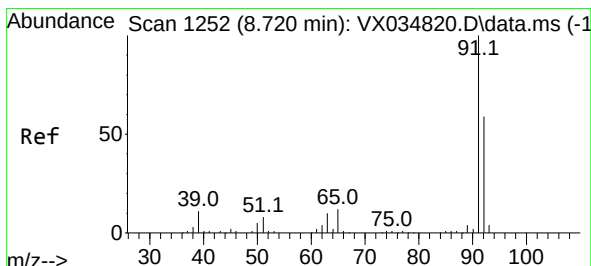
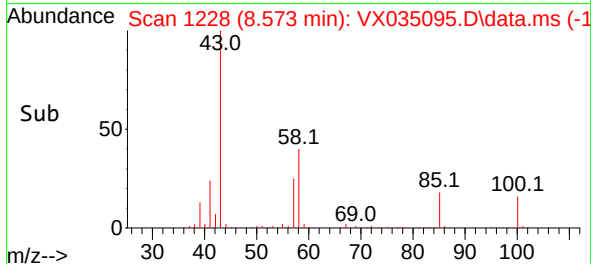
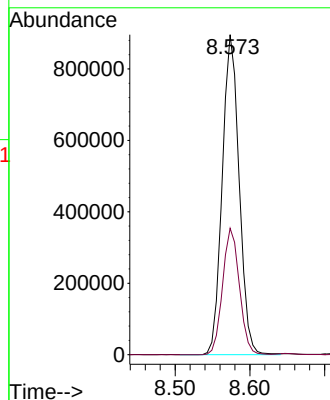
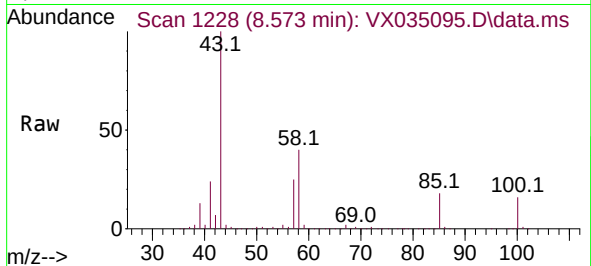
#51
4-Methyl-2-Pentanone
Concen: 306.625 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 140999
Ion Ratio Lower Upper
43 100
58 39.3 30.6 46.0

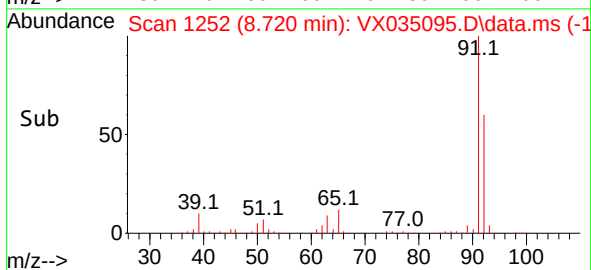
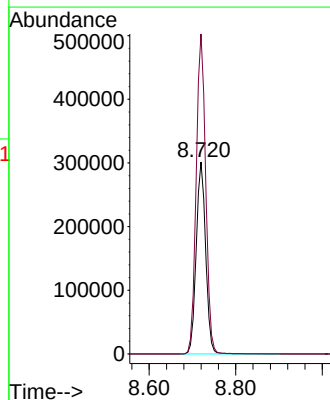
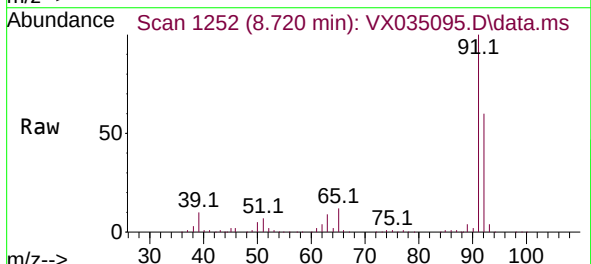
Manual Integrations
APPROVED

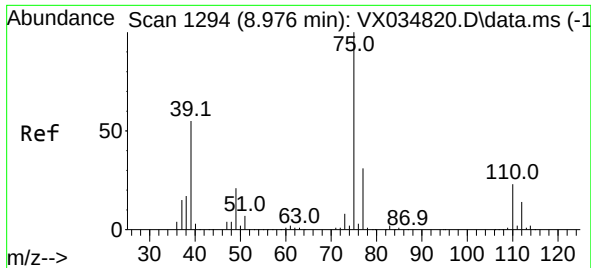
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#52
Toluene
Concen: 54.779 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Tgt Ion: 92 Resp: 455382
Ion Ratio Lower Upper
92 100
91 167.8 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 56.520 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

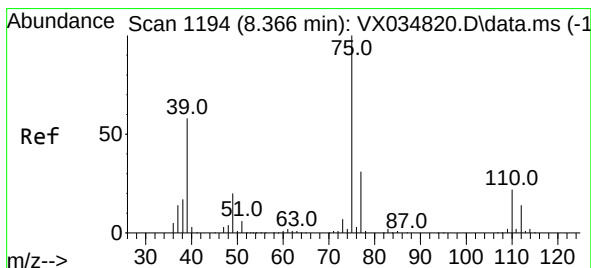
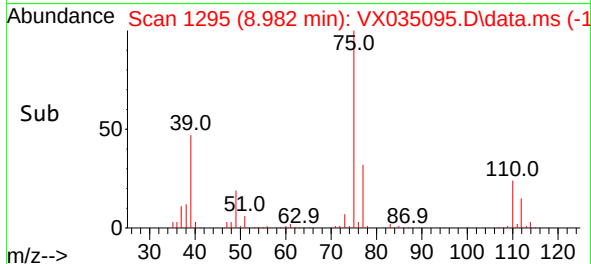
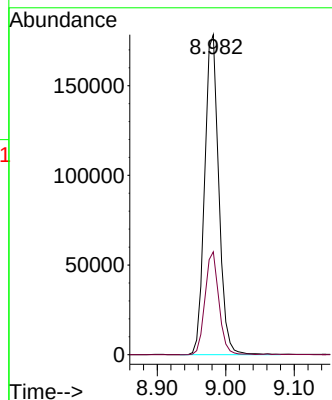
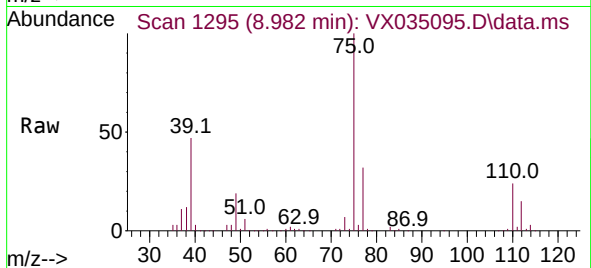
VSTDCCC050EC

Tgt Ion: 75 Resp: 256740
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2

Manual Integrations

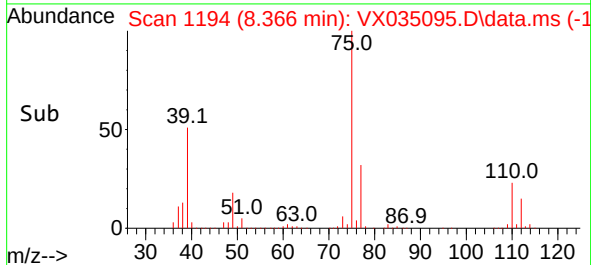
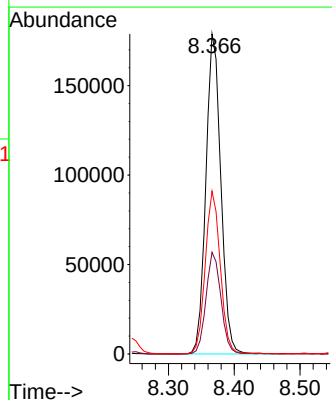
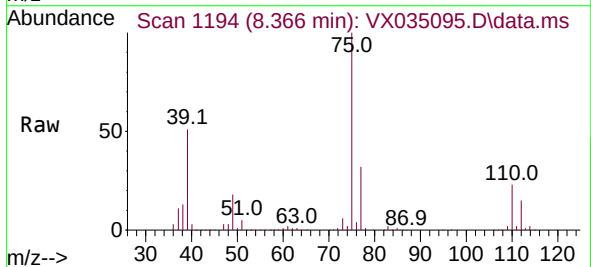
APPROVED

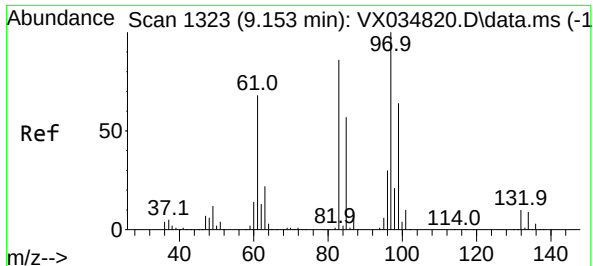
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#54
cis-1,3-Dichloropropene
Concen: 57.017 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Tgt Ion: 75 Resp: 283439
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4
39 50.8 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 58.020 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 182552

Ion Ratio Lower Upper

97 100

83 83.1 69.7 104.5

85 55.8 43.7 65.5

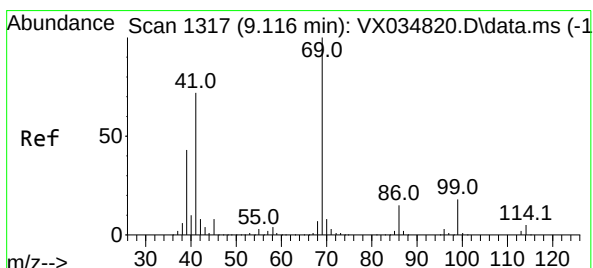
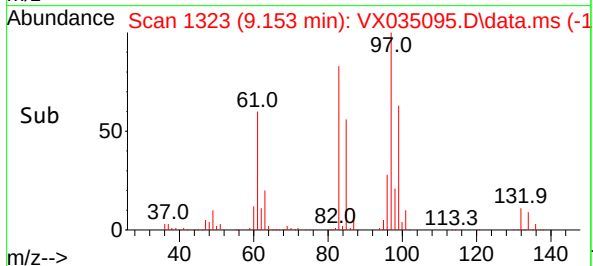
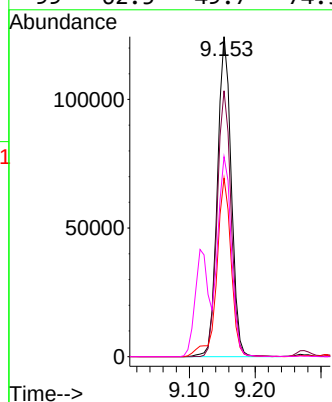
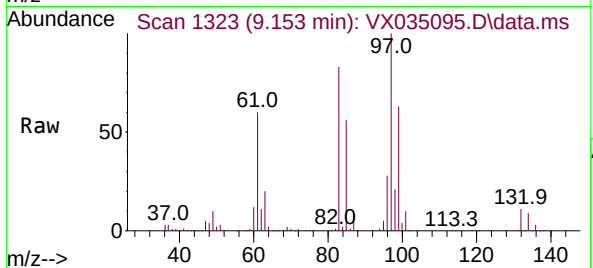
99 62.5 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#56

Ethyl methacrylate

Concen: 61.321 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

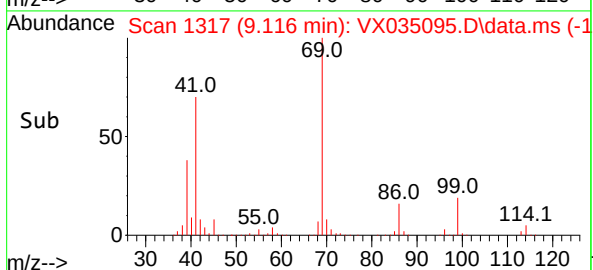
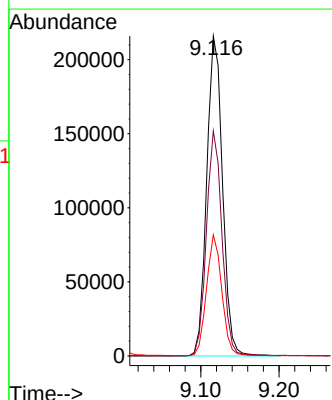
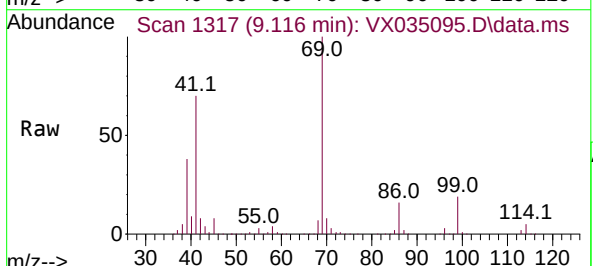
Tgt Ion: 69 Resp: 302293

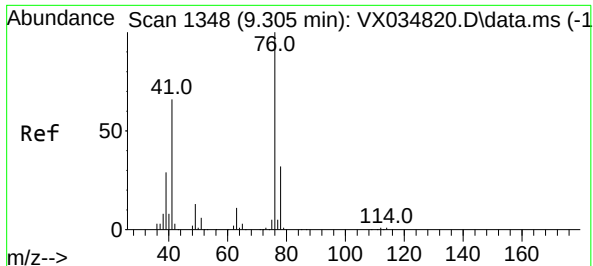
Ion Ratio Lower Upper

69 100

41 69.0 57.4 86.0

39 36.5 33.7 50.5





#57

1,3-Dichloropropane

Concen: 56.594 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 31534

Ion Ratio Lower Upper

76 100

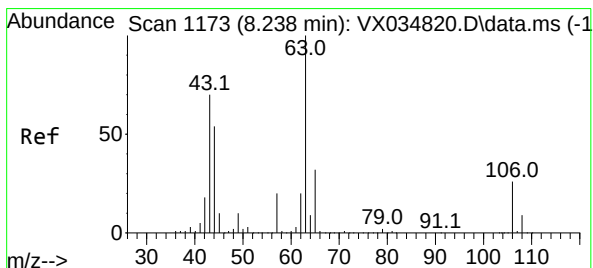
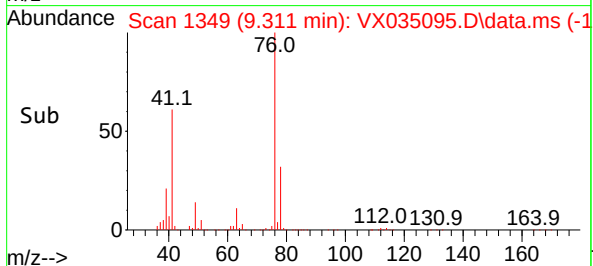
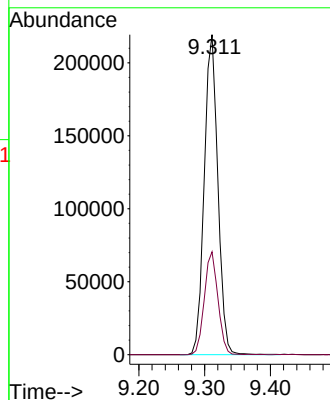
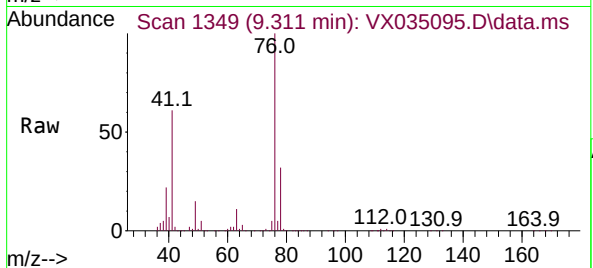
78 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 284.469 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035095.D

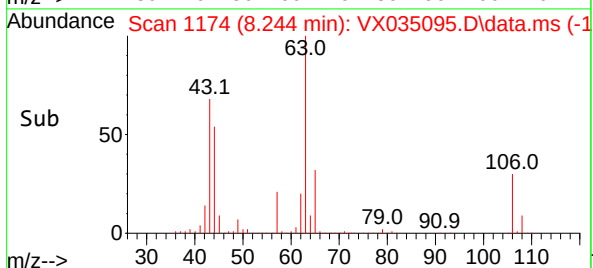
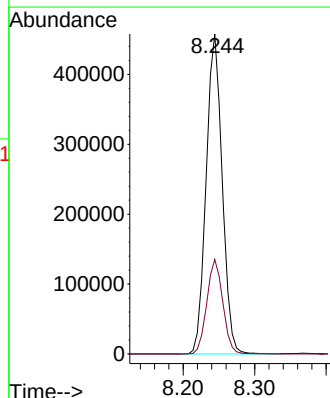
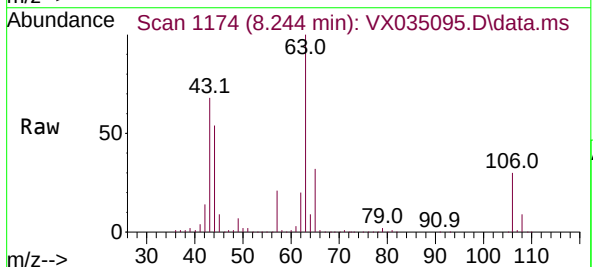
Acq: 14 Apr 2023 19:50

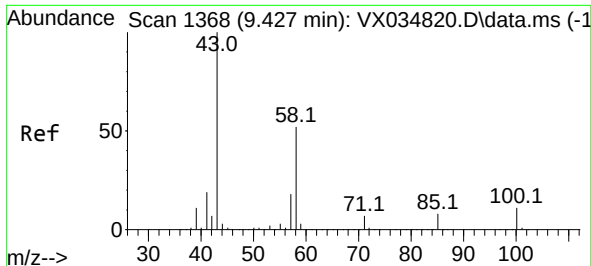
Tgt Ion: 63 Resp: 714033

Ion Ratio Lower Upper

63 100

106 29.3 22.2 33.2





#59

2-Hexanone

Concen: 303.560 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1055798

Ion Ratio Lower Upper

43 100

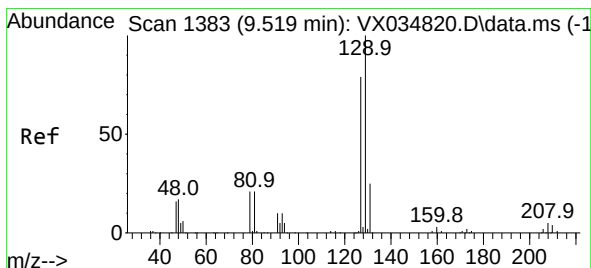
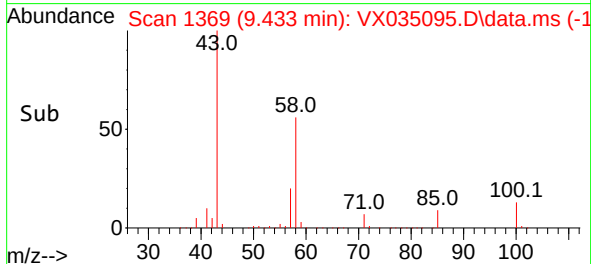
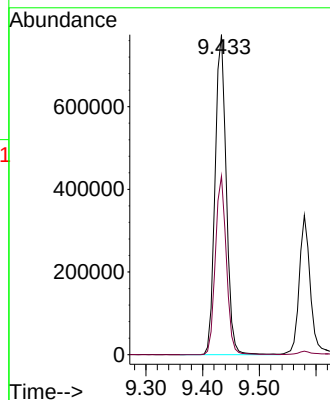
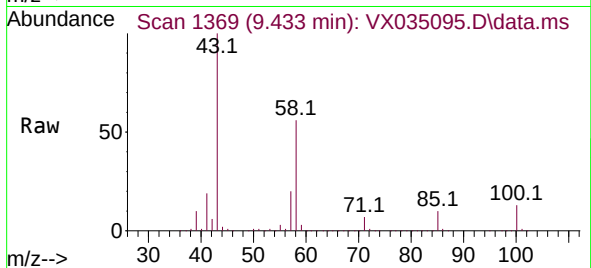
58 54.9 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#60

Dibromochloromethane

Concen: 58.792 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX035095.D

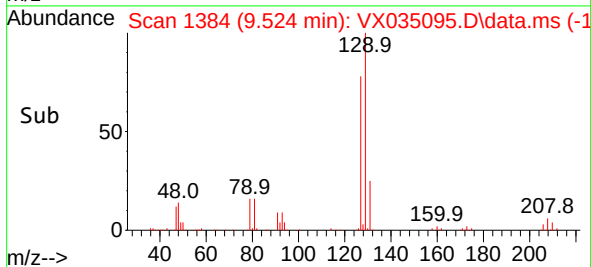
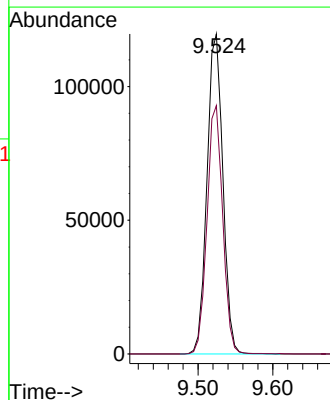
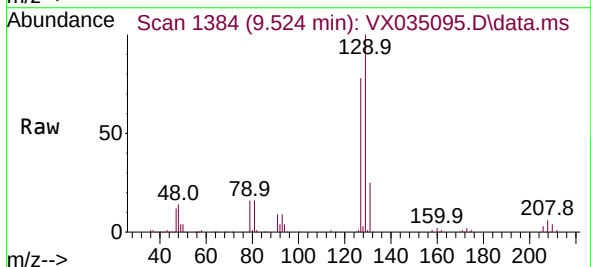
Acq: 14 Apr 2023 19:50

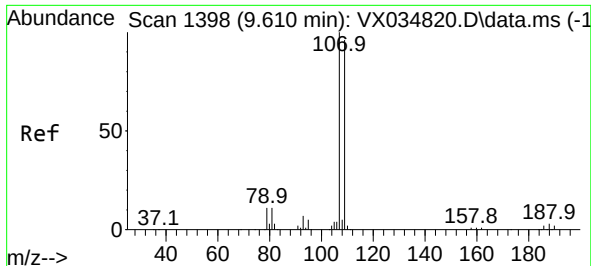
Tgt Ion:129 Resp: 176211

Ion Ratio Lower Upper

129 100

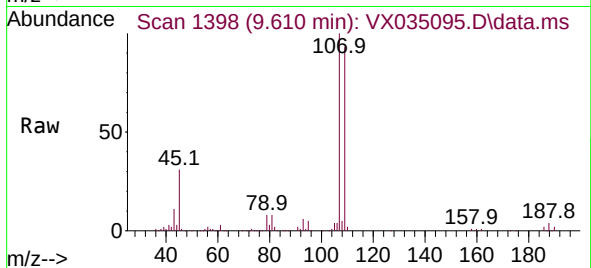
127 76.9 39.0 117.0





#61
1,2-Dibromoethane
Concen: 58.943 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

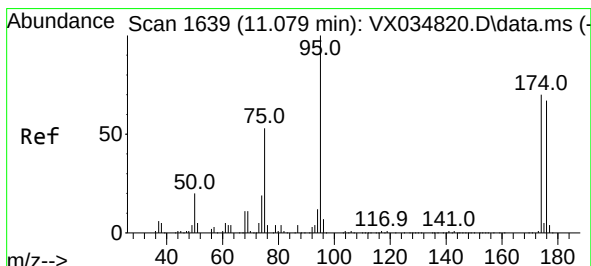
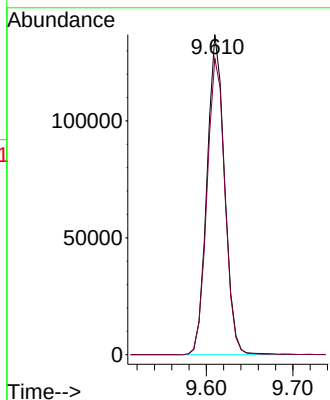
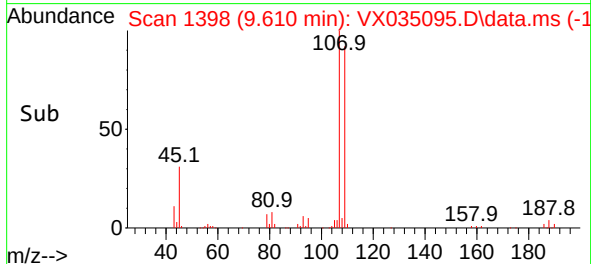
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



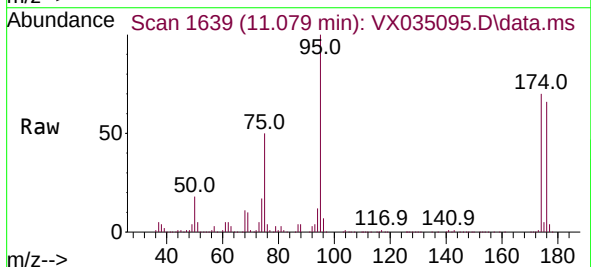
Tgt Ion:107 Resp: 192845
Ion Ratio Lower Upper
107 100
109 94.9 75.3 112.9

Manual Integrations
APPROVED

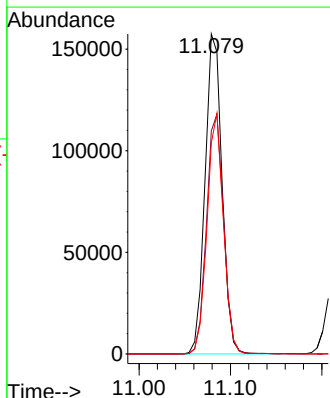
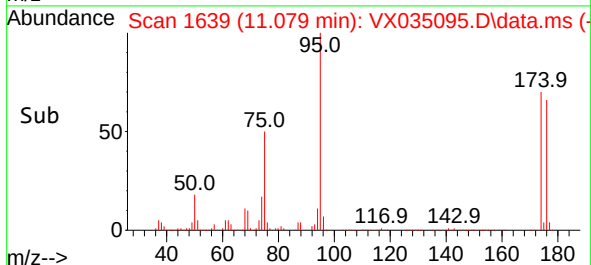
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

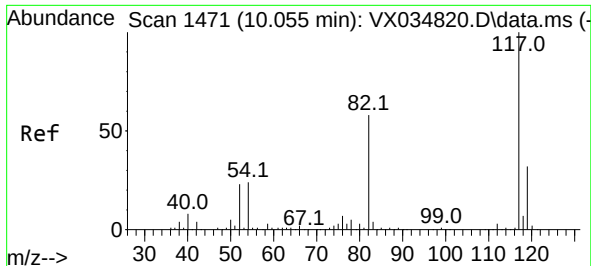


#62
4-Bromofluorobenzene
Concen: 47.327 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50



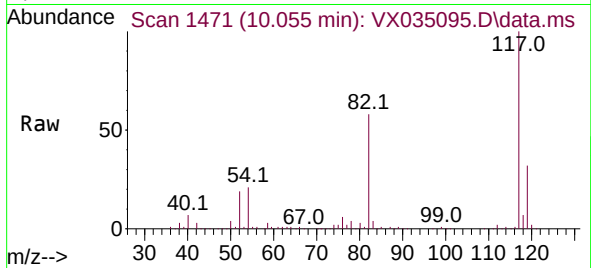
Tgt Ion: 95 Resp: 202660
Ion Ratio Lower Upper
95 100
174 75.5 0.0 147.4
176 72.7 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

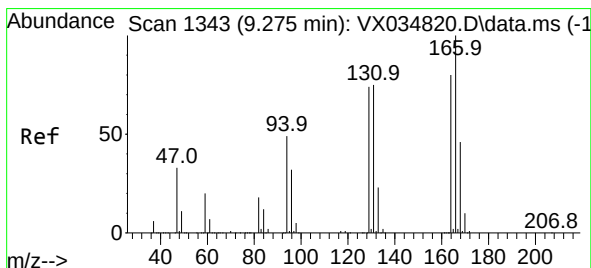
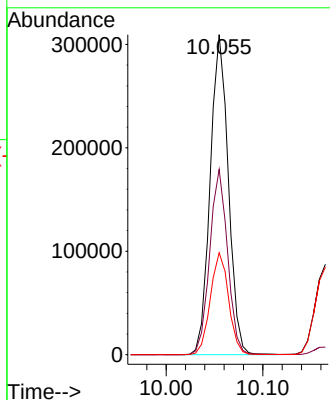
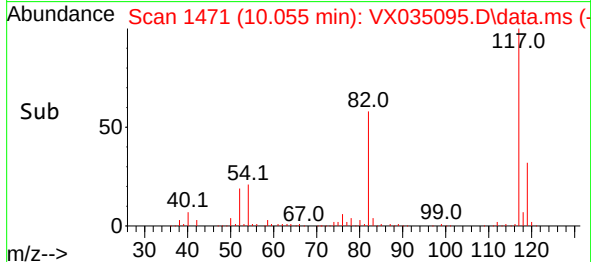
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 403010
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 31.8 26.0 39.0

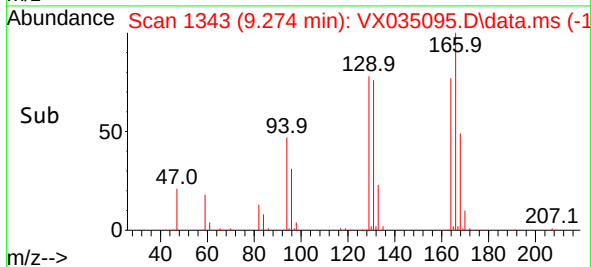
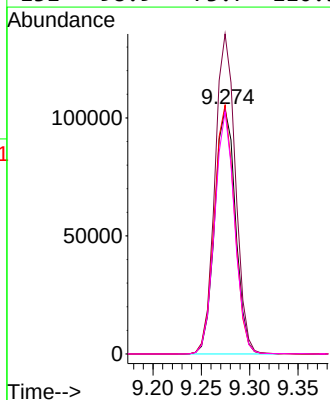
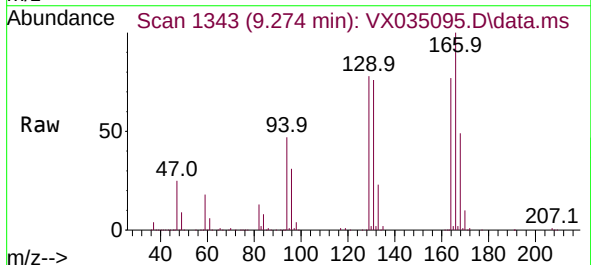
Manual Integrations
APPROVED

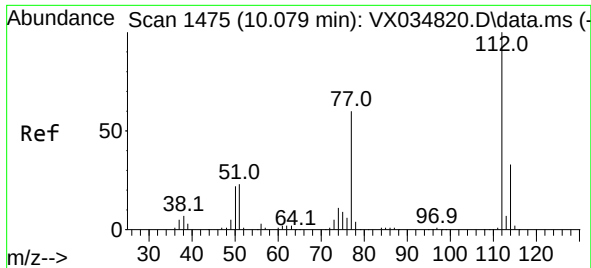
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#64
Tetrachloroethene
Concen: 53.583 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Tgt Ion:164 Resp: 154539
Ion Ratio Lower Upper
164 100
166 130.6 102.7 154.1
129 101.6 75.6 113.4
131 98.9 73.7 110.5





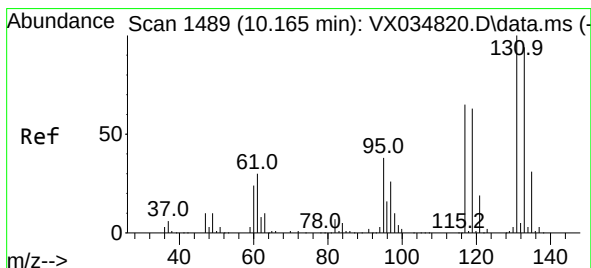
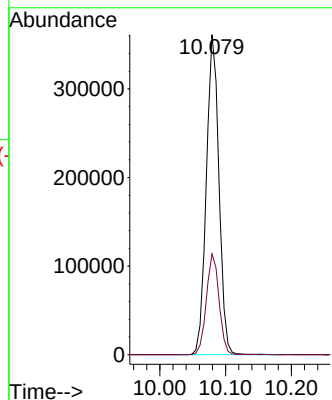
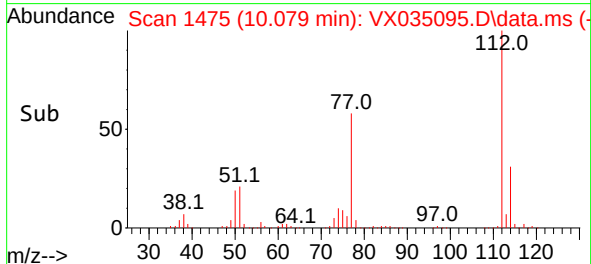
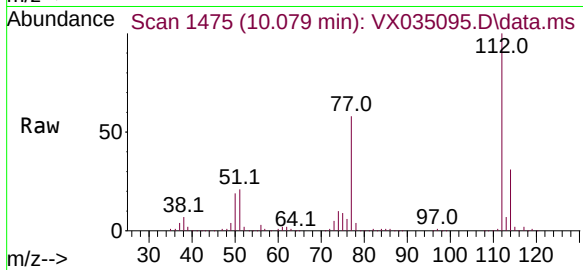
#65
Chlorobenzene
Concen: 57.431 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 48156
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2

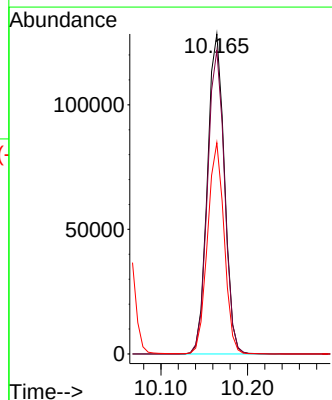
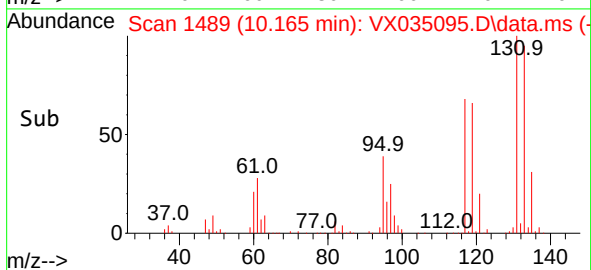
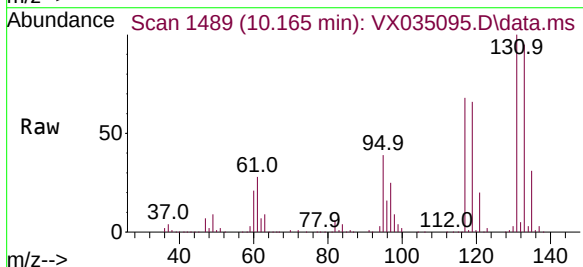
Manual Integrations
APPROVED

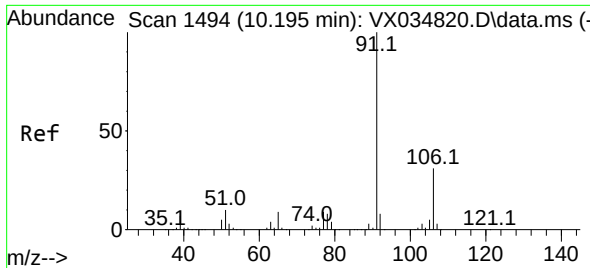
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 60.625 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

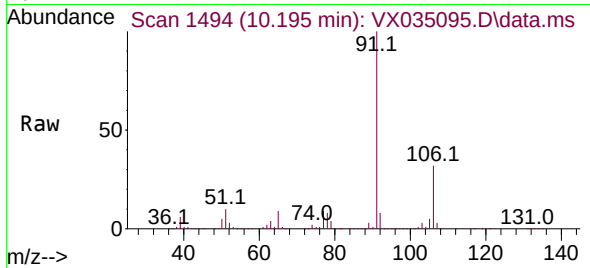
Tgt Ion:131 Resp: 174799
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 64.8 32.6 98.0





#67
Ethyl Benzene
Concen: 55.500 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

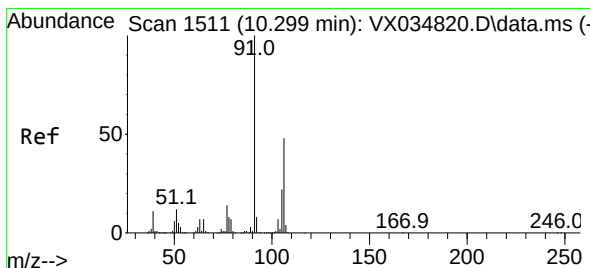
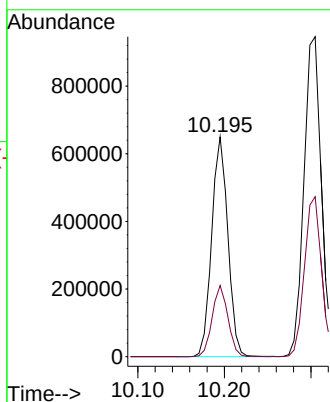
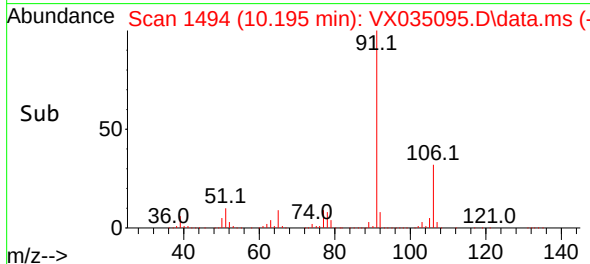
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



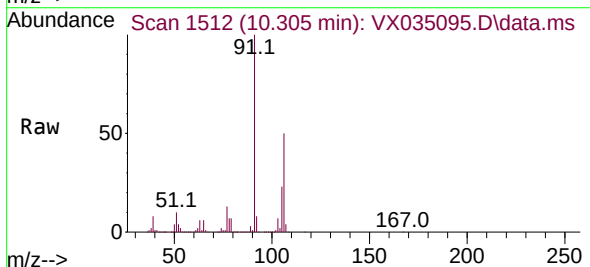
Tgt Ion: 91 Resp: 84305
Ion Ratio Lower Upper
91 100
106 32.4 25.6 38.4

Manual Integrations
APPROVED

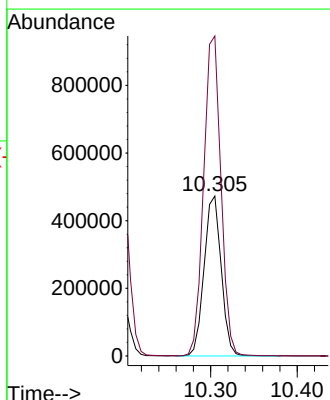
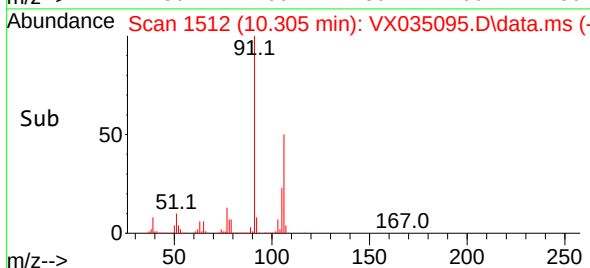
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

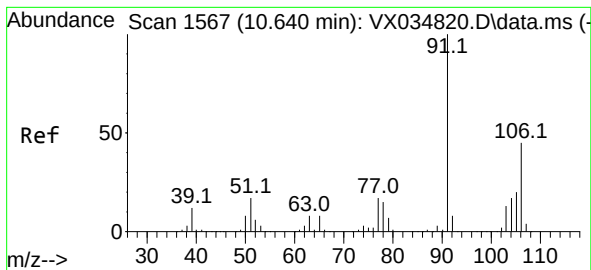


#68
m/p-Xylenes
Concen: 111.714 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50



Tgt Ion:106 Resp: 648217
Ion Ratio Lower Upper
106 100
91 202.7 164.0 246.0





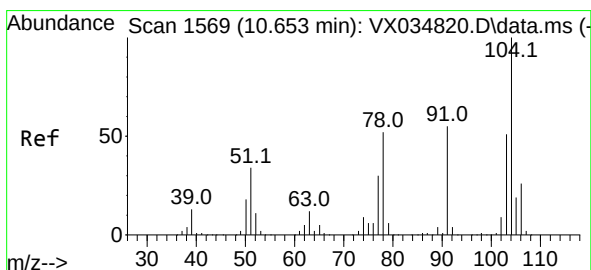
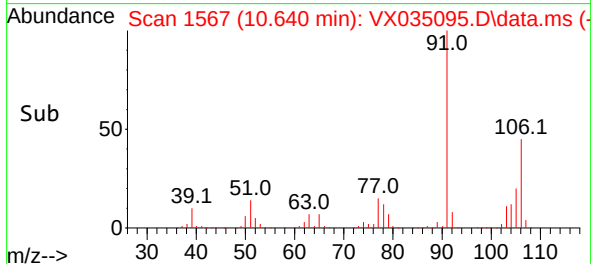
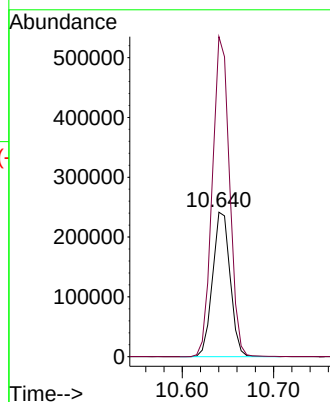
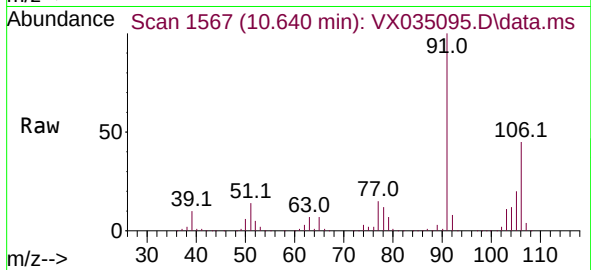
#69
o-Xylene
Concen: 56.703 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 322314
Ion Ratio Lower Upper
106 100
91 217.0 108.5 325.3

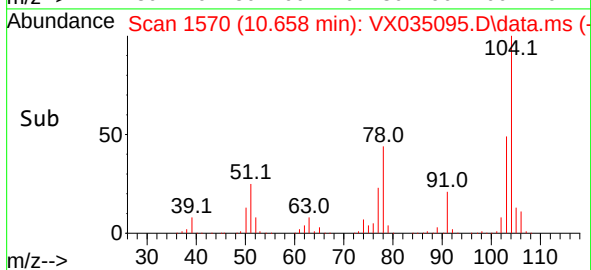
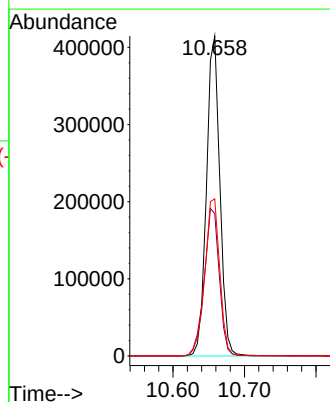
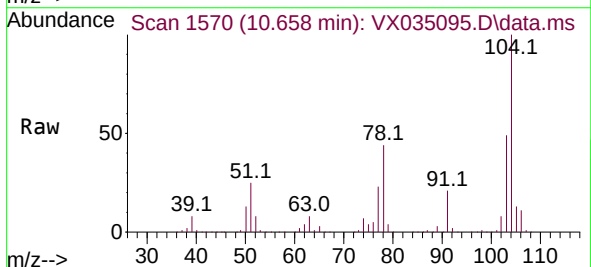
Manual Integrations
APPROVED

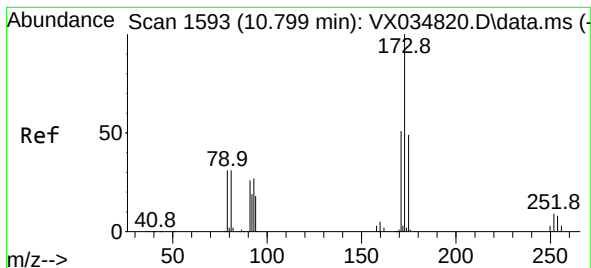
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#70
Styrene
Concen: 59.530 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.005 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Tgt Ion:104 Resp: 540187
Ion Ratio Lower Upper
104 100
78 52.0 43.4 65.2
103 55.0 44.2 66.2





#71

Bromoform

Concen: 63.106 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

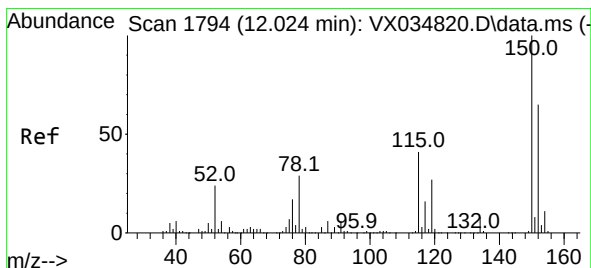
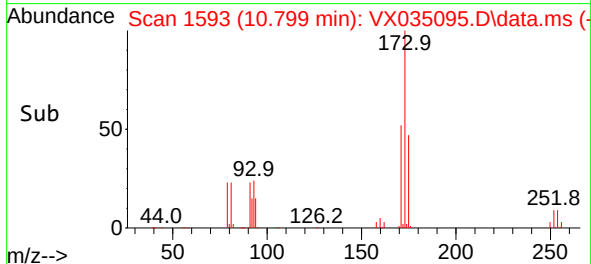
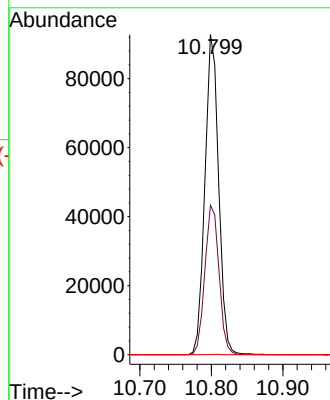
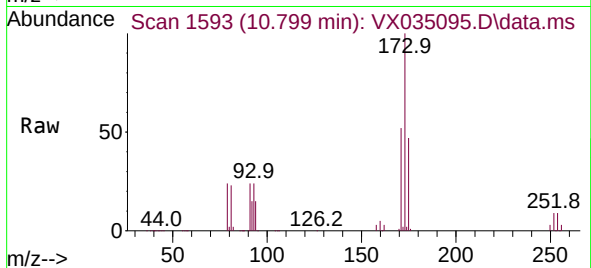
Tgt Ion:173 Resp: 12375
 Ion Ratio Lower Upper
 173 100
 175 48.2 24.1 72.4
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

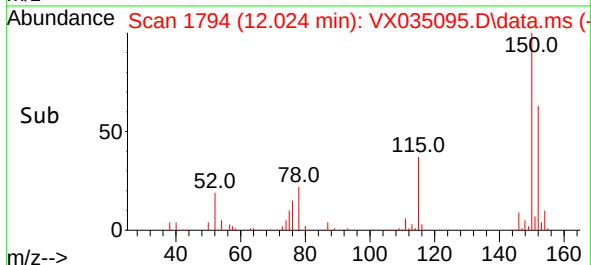
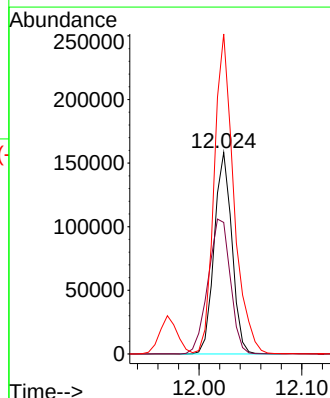
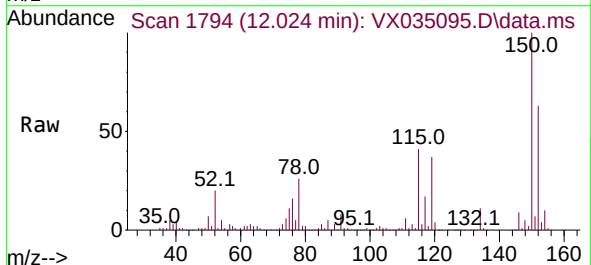
RT: 12.024 min Scan# 1794

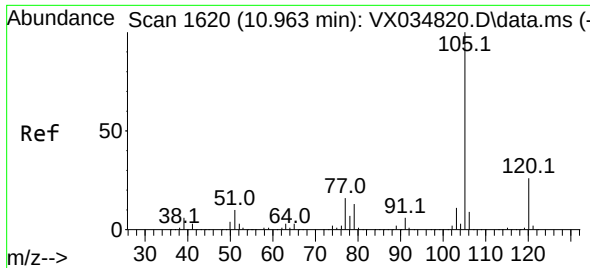
Delta R.T. 0.000 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

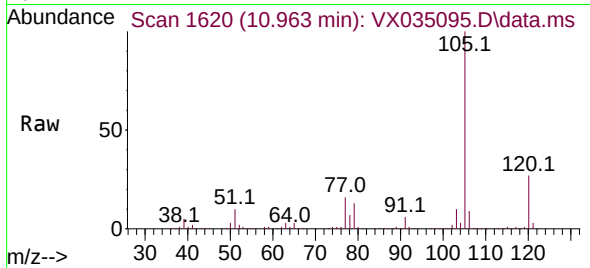
Tgt Ion:152 Resp: 188216
 Ion Ratio Lower Upper
 152 100
 115 84.8 45.0 135.0
 150 177.1 0.0 352.4





#73
Isopropylbenzene
Concen: 55.900 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

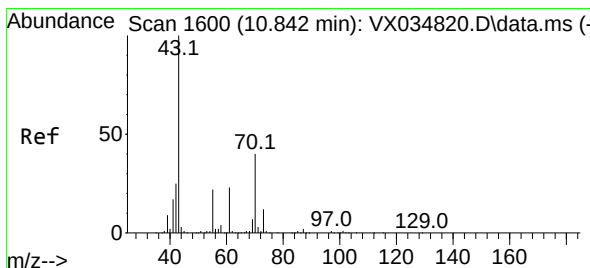
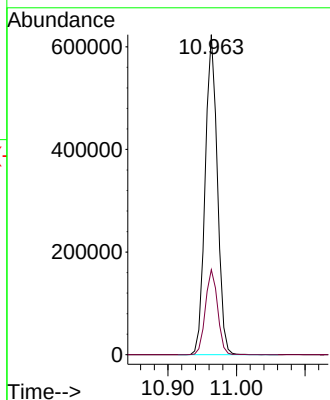
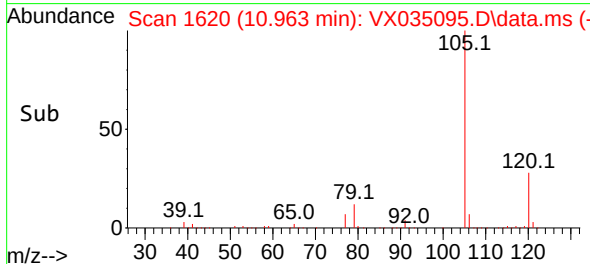
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



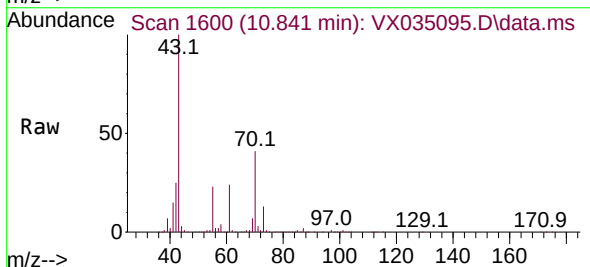
Tgt Ion:105 Resp: 770692
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

Manual Integrations
APPROVED

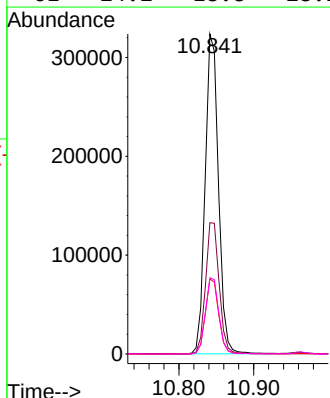
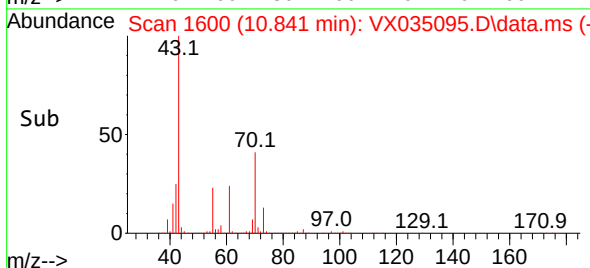
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

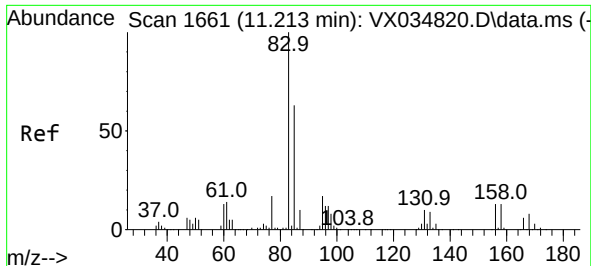


#74
N-ethyl acetate
Concen: 64.302 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50



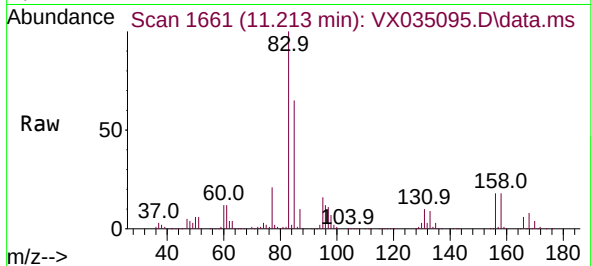
Tgt Ion: 43 Resp: 398595
Ion Ratio Lower Upper
43 100
70 42.3 32.1 48.1
55 23.6 18.3 27.5
61 24.2 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 61.021 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

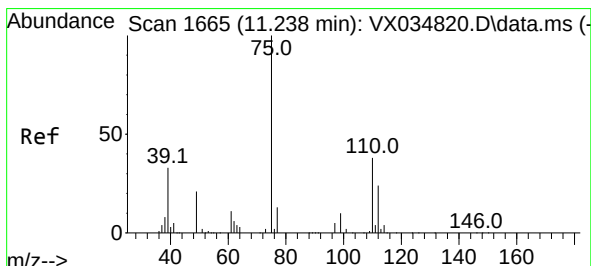
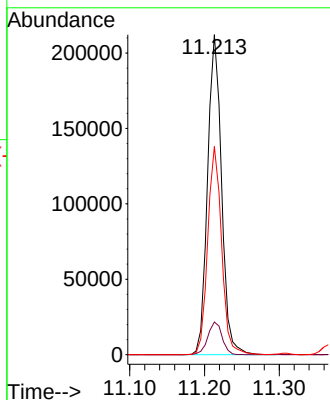
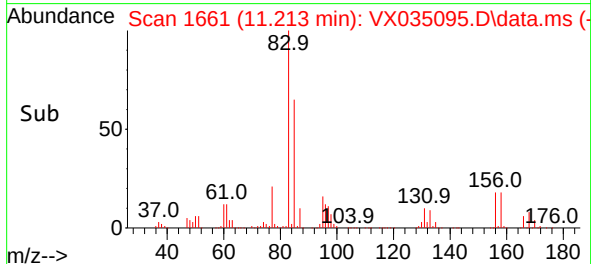
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



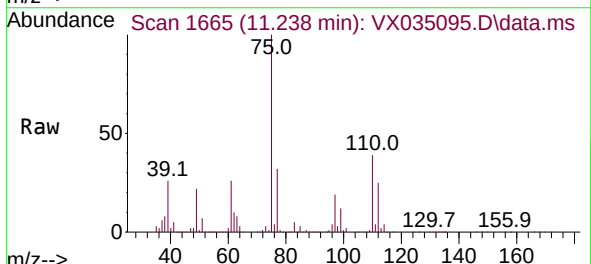
Tgt Ion: 83 Resp: 275730
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.3
85 64.6 32.0 96.0

Manual Integrations
APPROVED

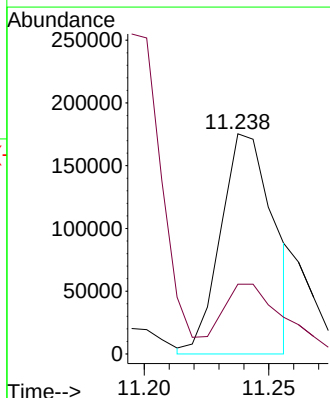
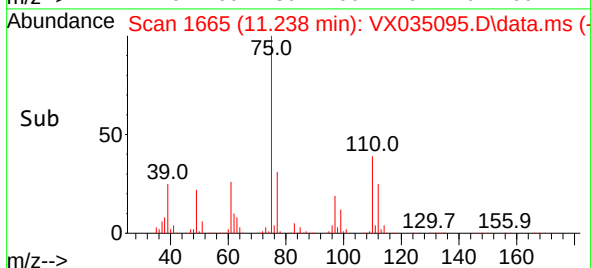
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

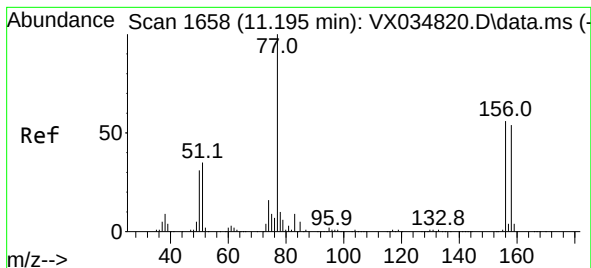


#76
1,2,3-Trichloropropane
Concen: 68.011 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50



Tgt Ion: 75 Resp: 257925
Ion Ratio Lower Upper
75 100
77 38.5 21.6 64.8





#77

Bromobenzene

Concen: 59.351 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 202750

Ion Ratio Lower Upper

156 100

77 165.7 86.7 259.9

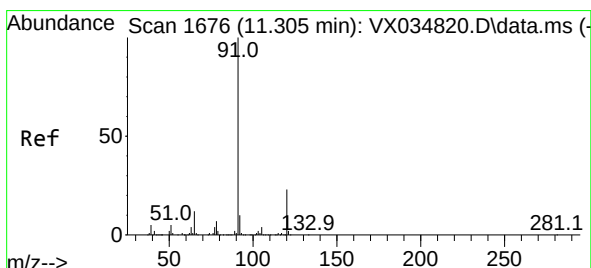
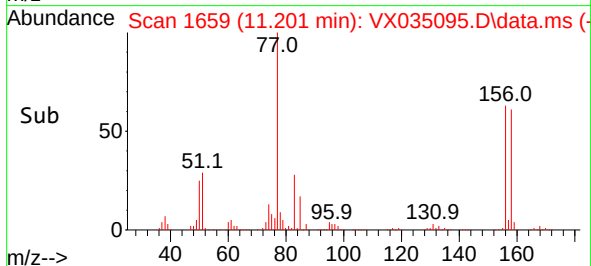
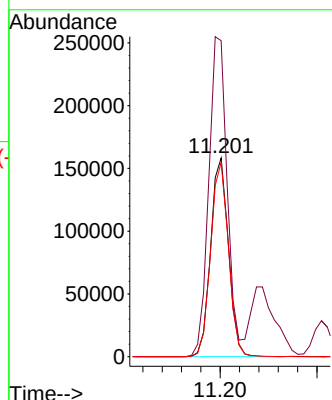
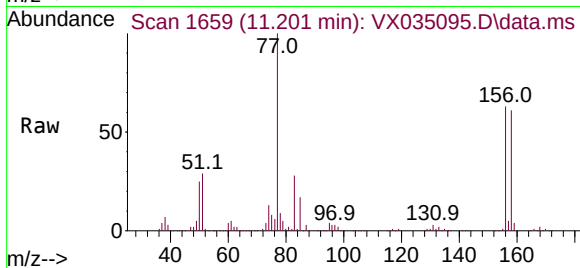
158 97.3 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#78

n-propylbenzene

Concen: 53.294 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035095.D

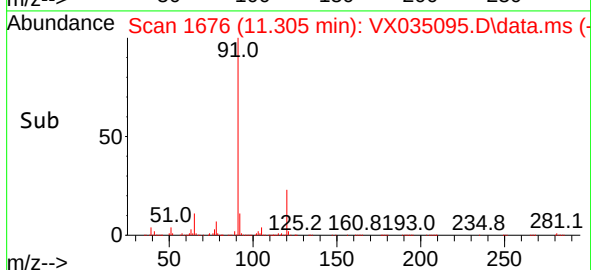
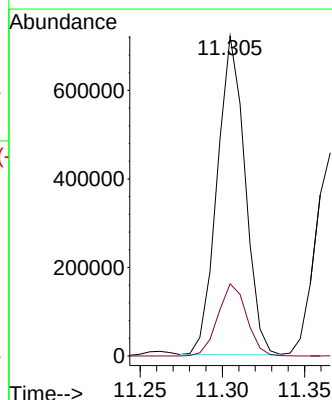
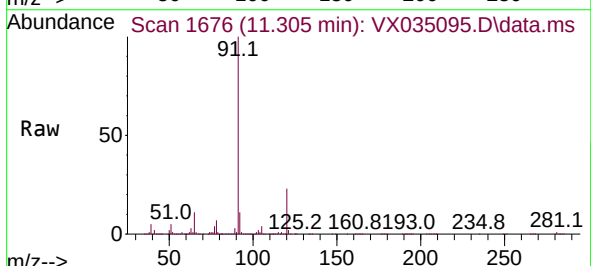
Acq: 14 Apr 2023 19:50

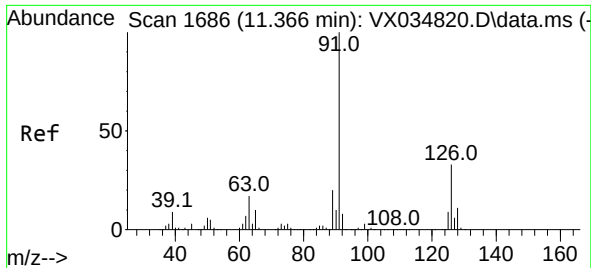
Tgt Ion: 91 Resp: 848785

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.5





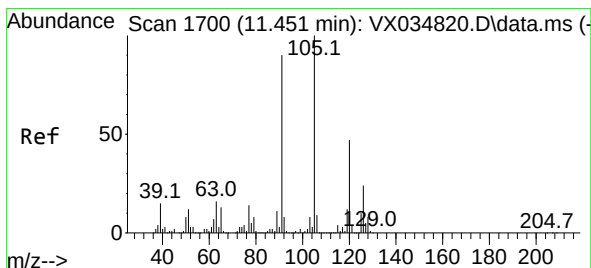
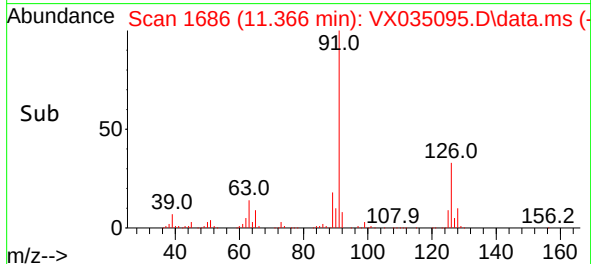
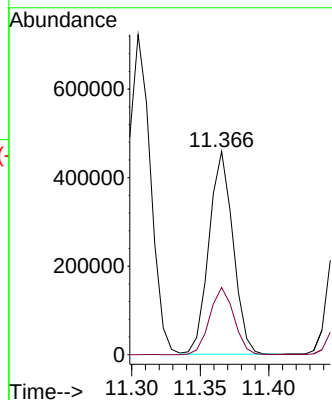
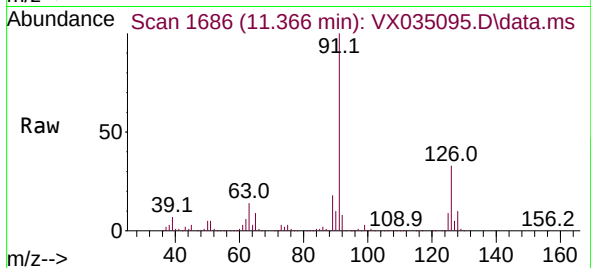
#79
2-Chlorotoluene
Concen: 55.815 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 56125
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.9

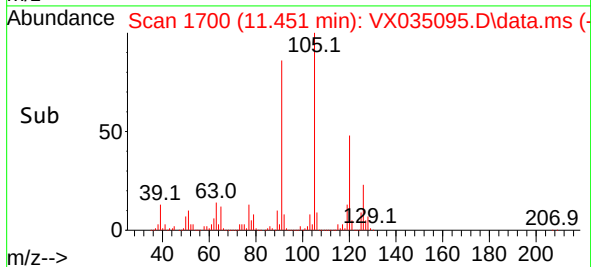
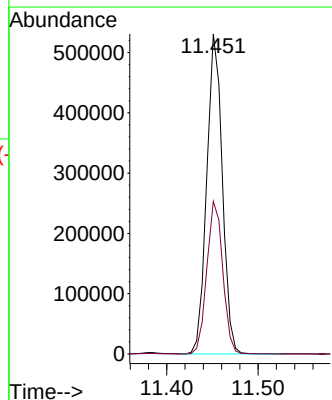
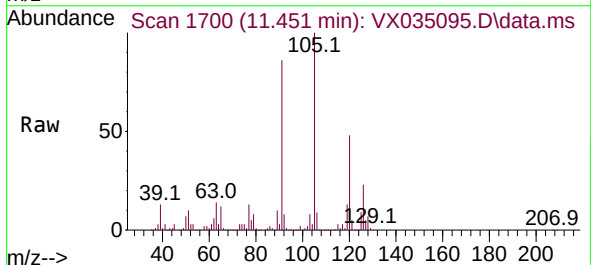
Manual Integrations
APPROVED

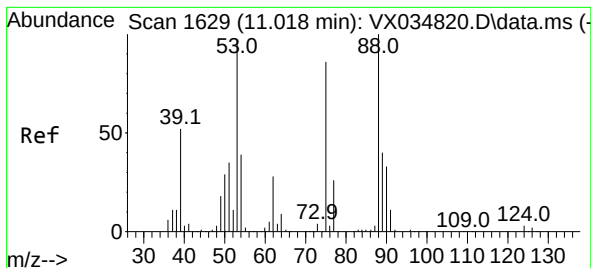
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 54.279 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

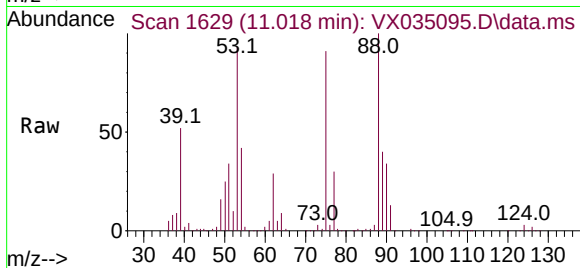
Tgt Ion:105 Resp: 625695
Ion Ratio Lower Upper
105 100
120 49.0 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 60.758 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

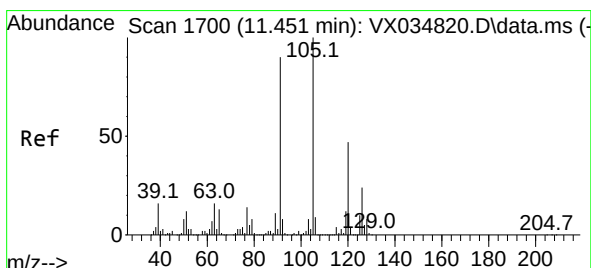
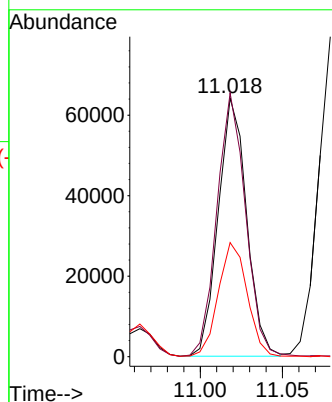
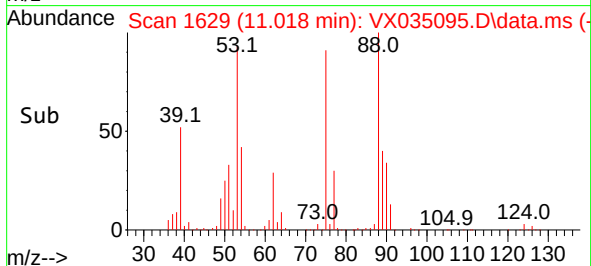
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 7688
Ion Ratio Lower Upper
75 100
53 104.0 82.6 124.0
89 45.2 36.9 55.3

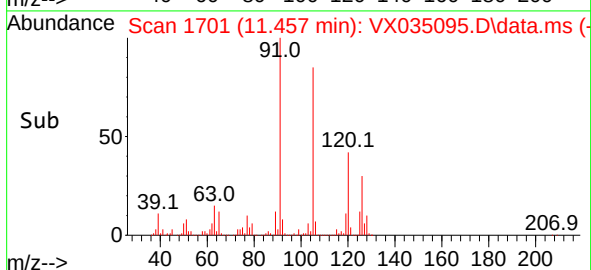
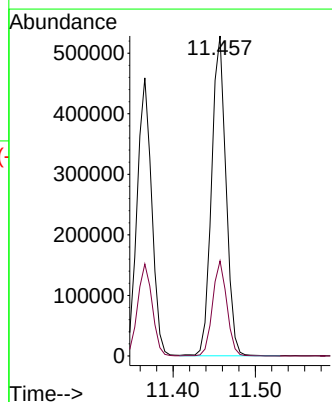
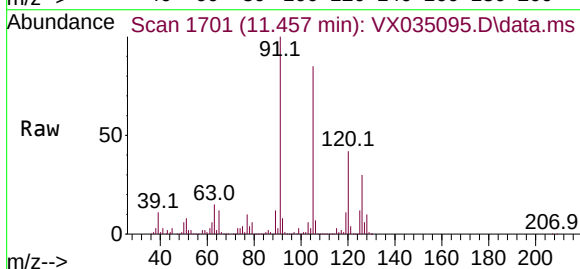
Manual Integrations
APPROVED

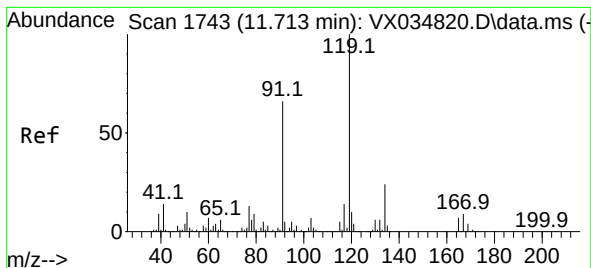
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#82
4-Chlorotoluene
Concen: 55.164 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Tgt Ion: 91 Resp: 644170
Ion Ratio Lower Upper
91 100
126 29.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 56.178 ug/l

RT: 11.719 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 608110

Ion Ratio Lower Upper

119 100

91 57.9 30.6 92.0

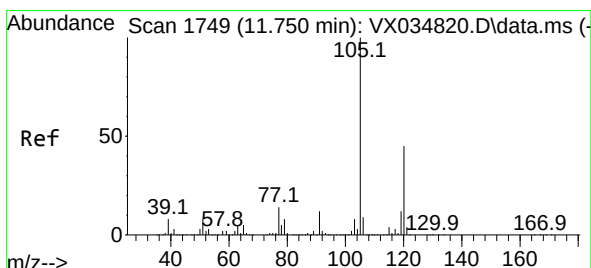
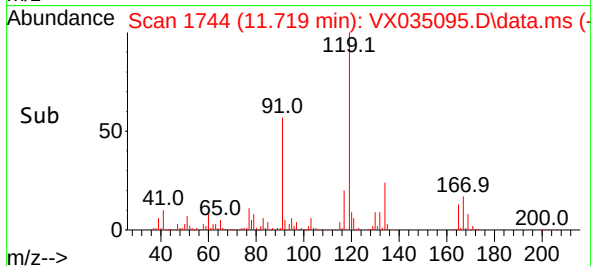
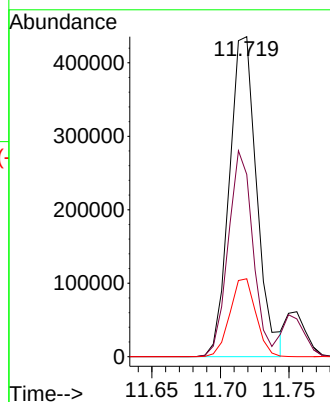
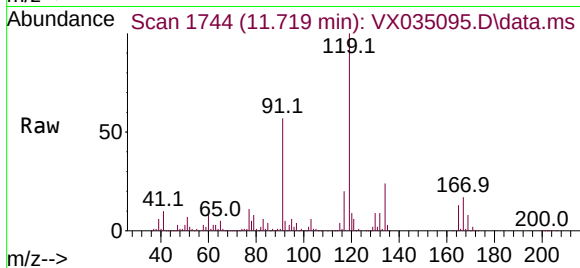
134 23.2 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#84

1,2,4-Trimethylbenzene

Concen: 54.719 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX035095.D

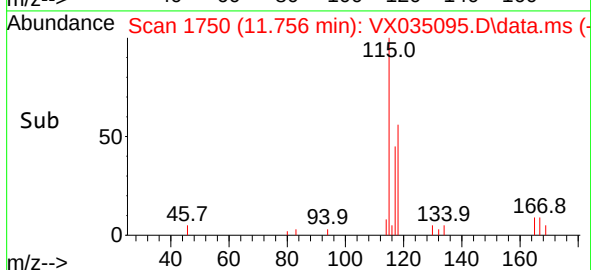
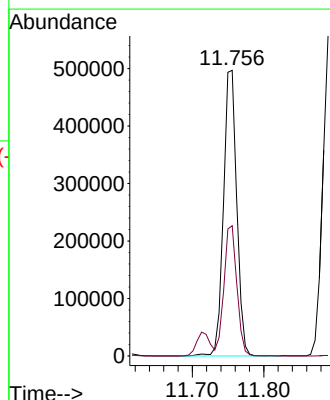
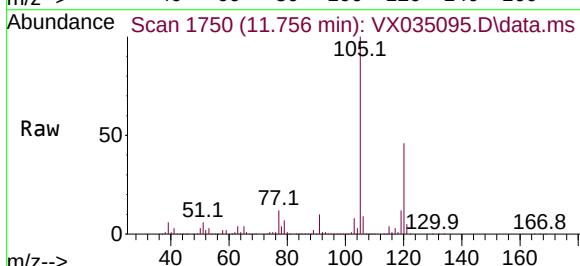
Acq: 14 Apr 2023 19:50

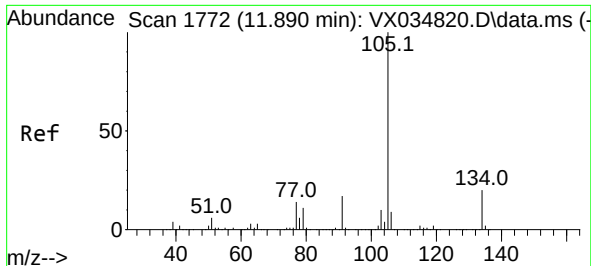
Tgt Ion:105 Resp: 641448

Ion Ratio Lower Upper

105 100

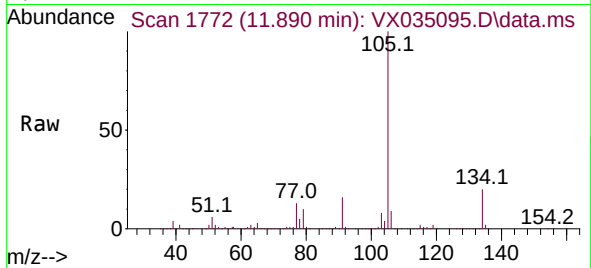
120 44.4 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 53.070 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035095.D
 Acq: 14 Apr 2023 19:50

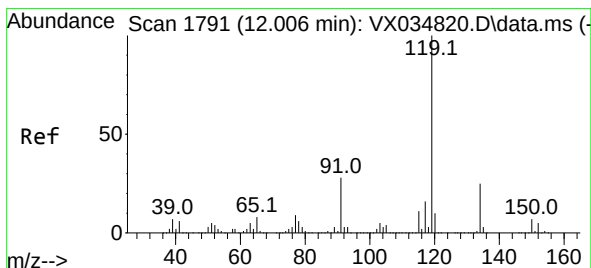
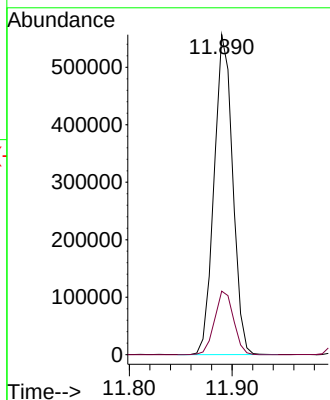
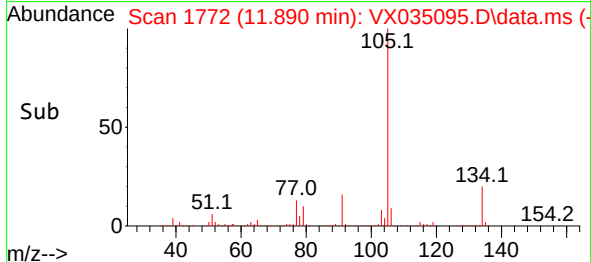
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



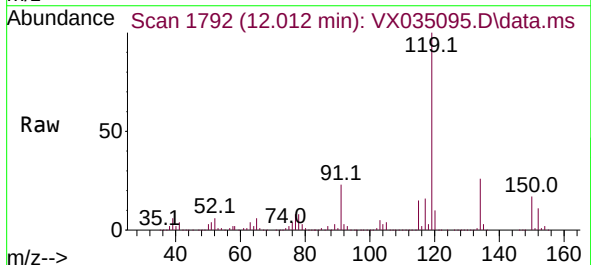
Tgt Ion:105 Resp: 698869
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

Manual Integrations
 APPROVED

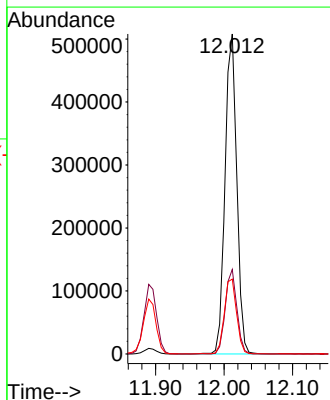
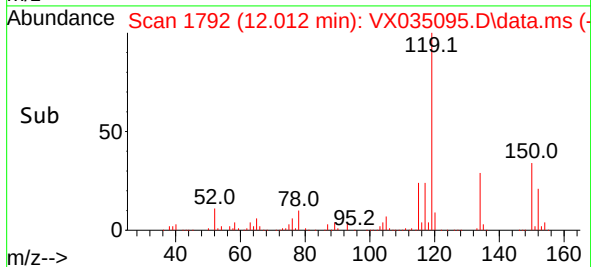
Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023

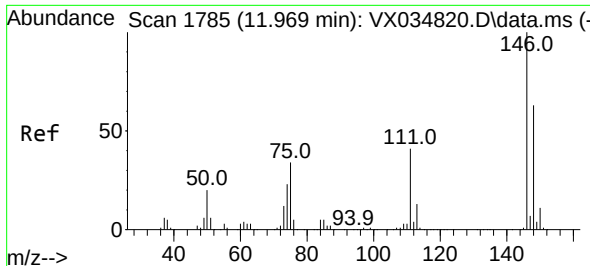


#86
 p-Isopropyltoluene
 Concen: 54.623 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035095.D
 Acq: 14 Apr 2023 19:50



Tgt Ion:119 Resp: 599808
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 24.4 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 57.074 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

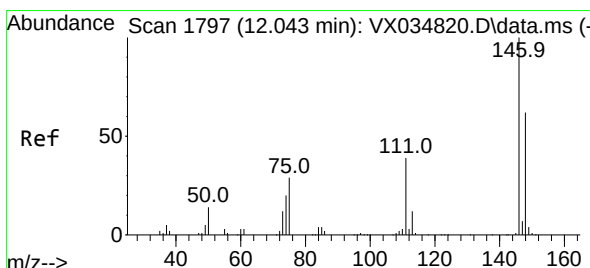
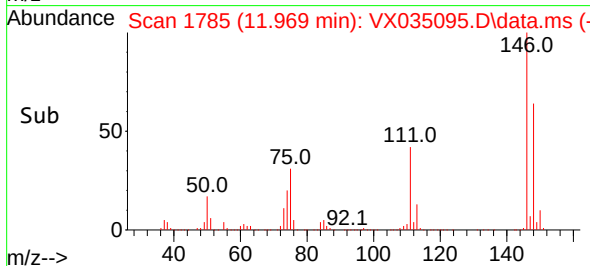
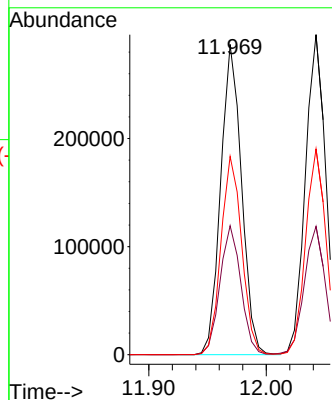
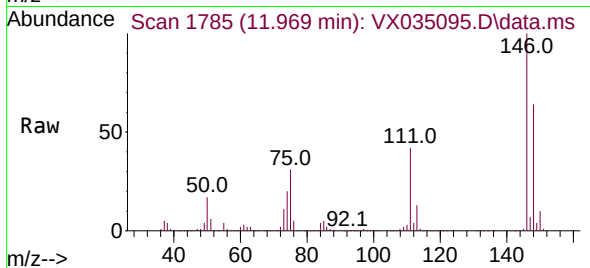
Tgt Ion:146 Resp: 355073
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.9 62.8
 148 63.7 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#88

1,4-Dichlorobenzene

Concen: 55.210 ug/l

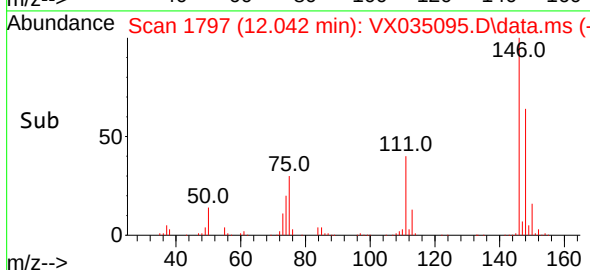
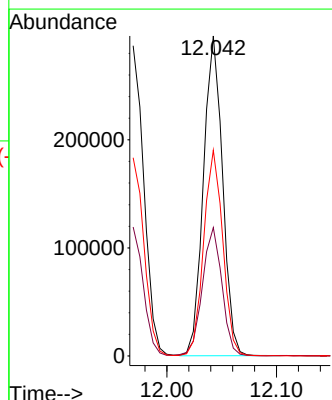
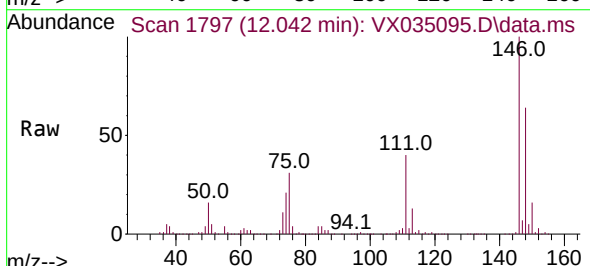
RT: 12.042 min Scan# 1797

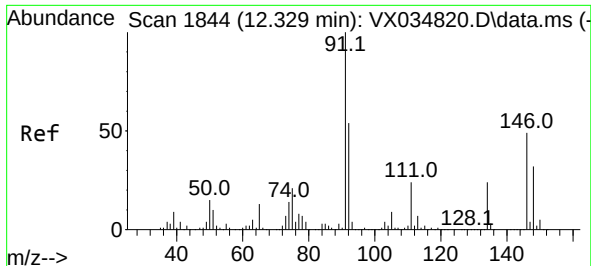
Delta R.T. -0.001 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Tgt Ion:146 Resp: 358739
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.9
 148 64.6 31.8 95.4





#89

n-Butylbenzene

Concen: 51.810 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 49705

Ion Ratio Lower Upper

91 100

92 55.1 27.7 83.0

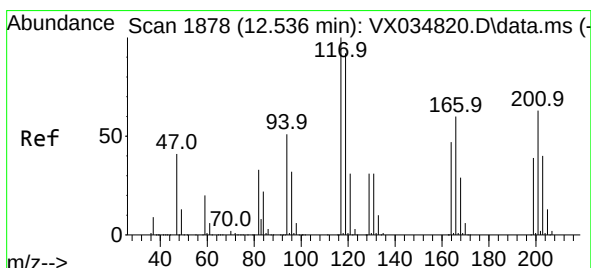
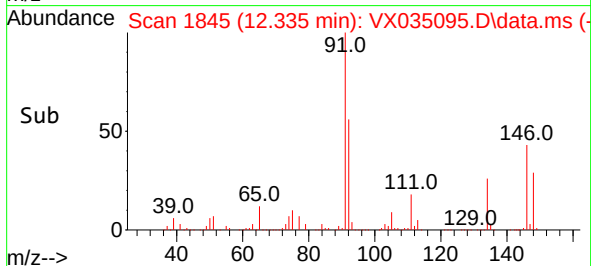
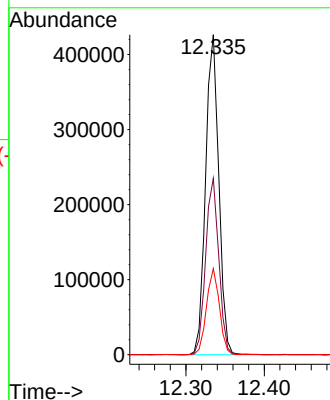
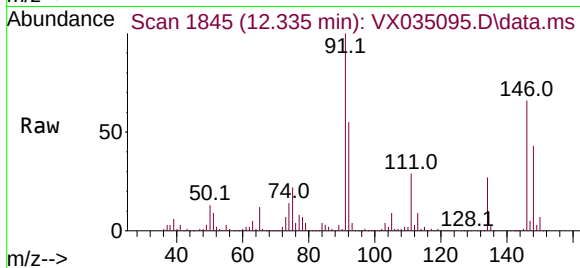
134 26.5 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#90

Hexachloroethane

Concen: 55.170 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX035095.D

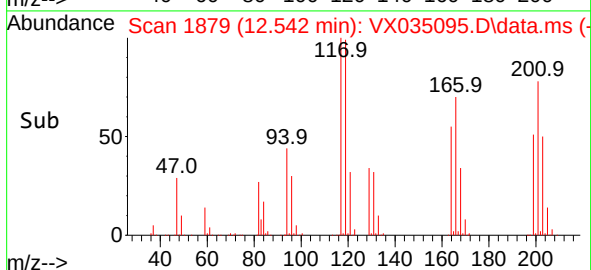
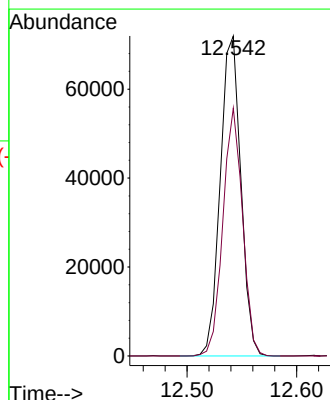
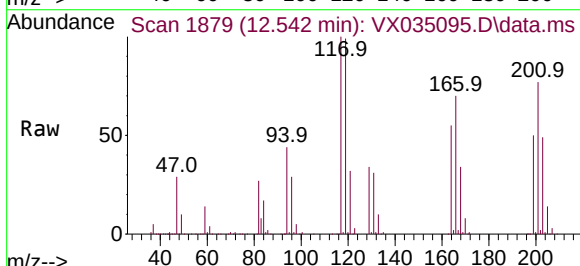
Acq: 14 Apr 2023 19:50

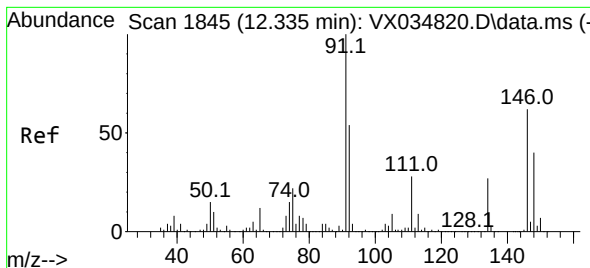
Tgt Ion:117 Resp: 93862

Ion Ratio Lower Upper

117 100

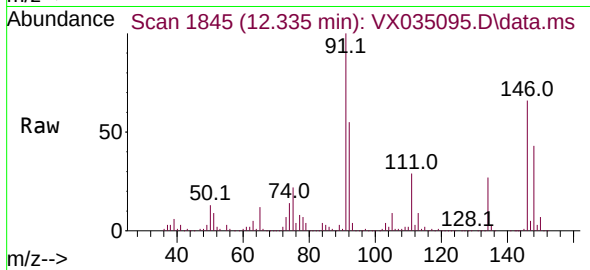
201 73.8 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 57.904 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

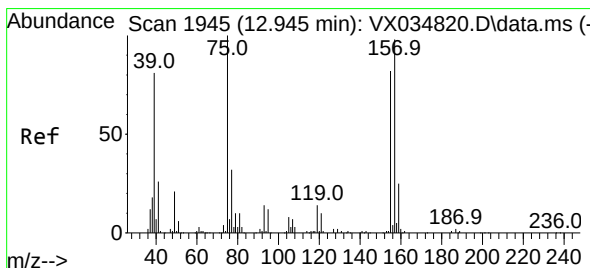
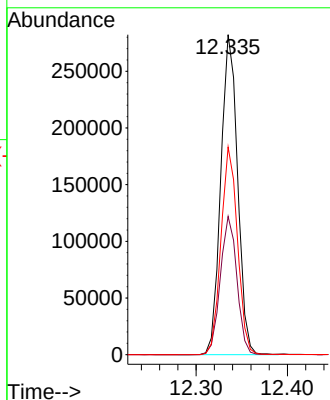
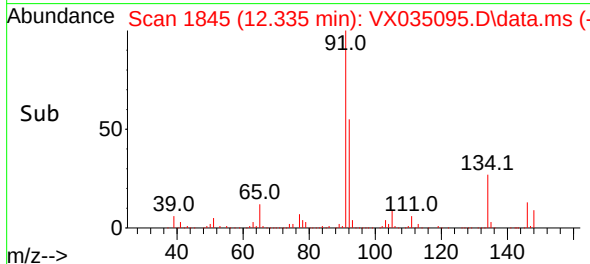
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



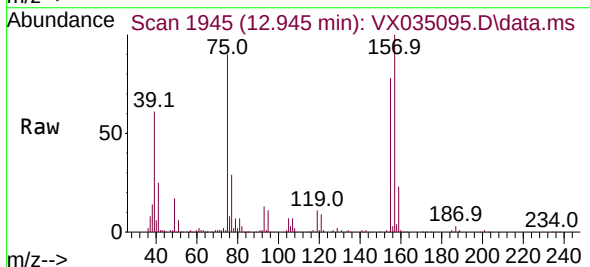
Tgt Ion:146 Resp: 360790
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 64.0 32.0 96.0

Manual Integrations
APPROVED

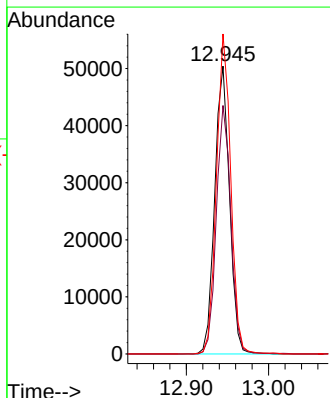
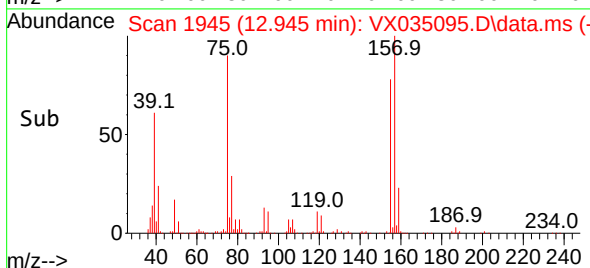
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

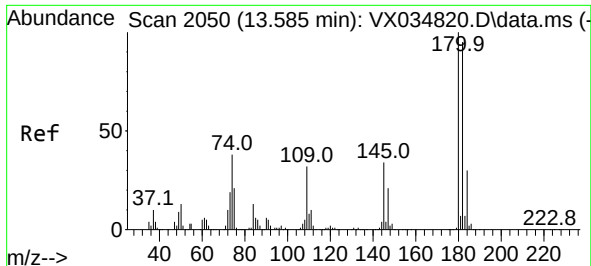


#92
1,2-Dibromo-3-Chloropropane
Concen: 66.639 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50



Tgt Ion: 75 Resp: 62853
Ion Ratio Lower Upper
75 100
155 85.0 38.4 115.1
157 107.7 49.9 149.7





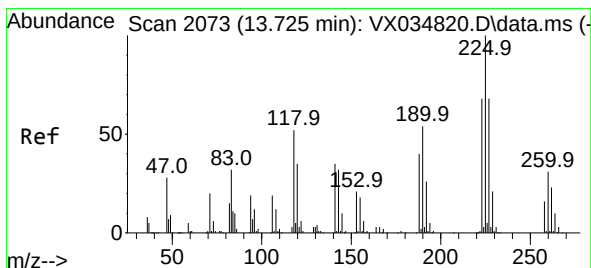
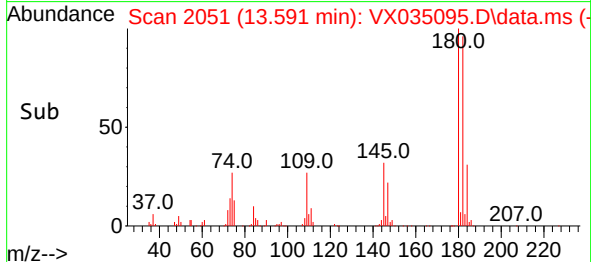
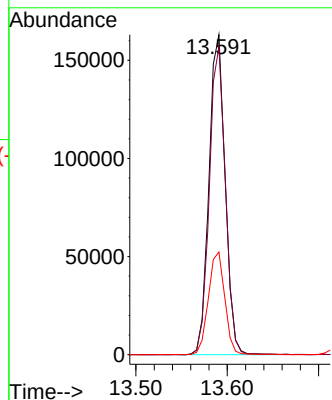
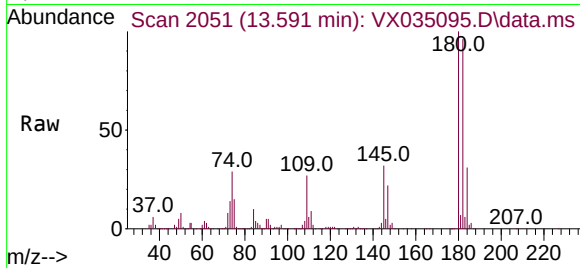
#93
1,2,4-Trichlorobenzene
Concen: 56.739 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 199950
Ion Ratio Lower Upper
180 100
182 95.5 47.0 141.0
145 32.7 15.9 47.7

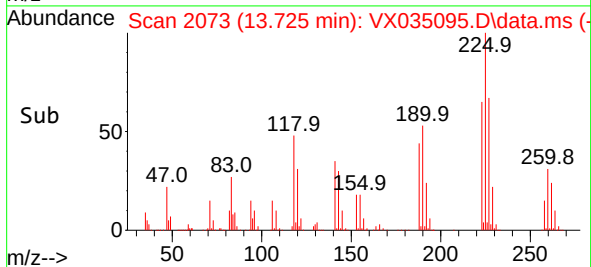
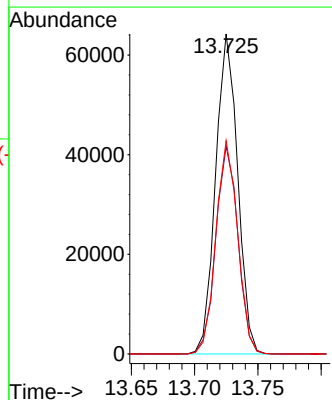
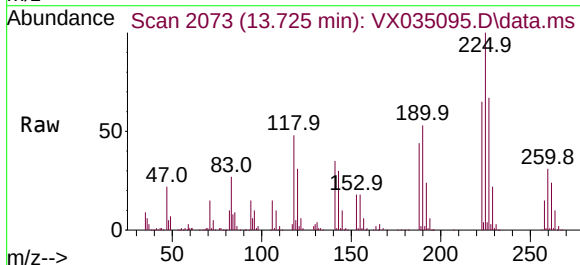
Manual Integrations
APPROVED

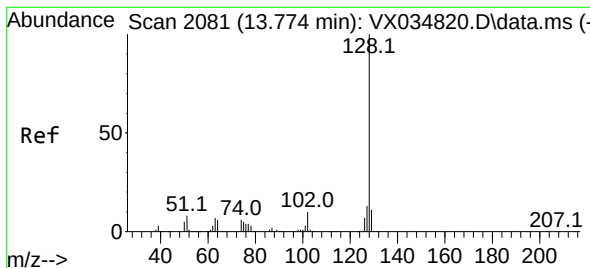
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#94
Hexachlorobutadiene
Concen: 50.209 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX035095.D
Acq: 14 Apr 2023 19:50

Tgt Ion:225 Resp: 77823
Ion Ratio Lower Upper
225 100
223 64.9 32.1 96.5
227 65.8 31.8 95.4





#95

Naphthalene

Concen: 64.350 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

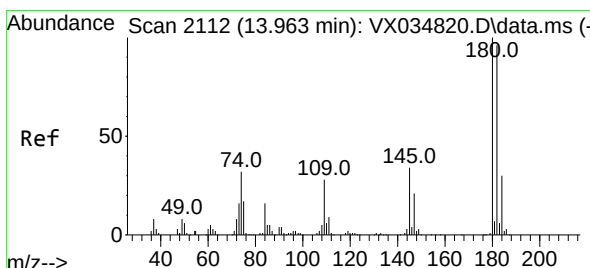
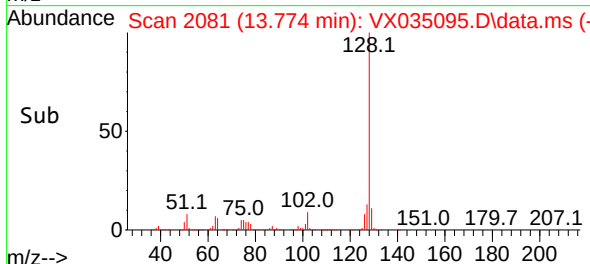
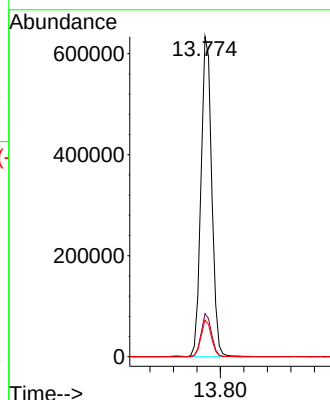
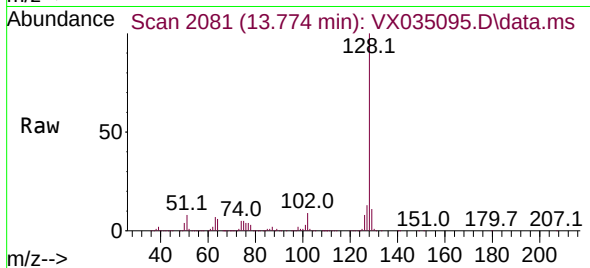
Tgt Ion:128	Resp: 80577
Ion Ratio	Lower Upper
128 100	
127 13.0	10.2 15.4
129 11.0	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#96

1,2,3-Trichlorobenzene

Concen: 57.306 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035095.D

Acq: 14 Apr 2023 19:50

Tgt Ion:180	Resp: 203655
Ion Ratio	Lower Upper
180 100	
182 94.0	48.0 144.2
145 35.0	17.7 53.1

