

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034197.D
 Acq On : 21 Feb 2023 09:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2023
 Supervised By : Mahesh Dadoda 02/22/2023

Quant Time: Feb 21 15:52:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	387306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	634524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	579238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	285850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	239607	45.936	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.880%		
35) Dibromofluoromethane	5.385	113	206123	49.892	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.780%		
50) Toluene-d8	8.647	98	782674	52.766	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.540%		
62) 4-Bromofluorobenzene	11.079	95	318453	56.128	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	165311	49.395	ug/l	98
3) Chloromethane	1.301	50	232234	48.220	ug/l	96
4) Vinyl Chloride	1.374	62	230749	52.609	ug/l	99
5) Bromomethane	1.599	94	96860	59.509	ug/l	100
6) Chloroethane	1.685	64	124722	56.563	ug/l	99
7) Trichlorofluoromethane	1.886	101	320519	54.014	ug/l	98
8) Diethyl Ether	2.130	74	118743	49.670	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	189904	45.443	ug/l	95
10) Methyl Iodide	2.453	142	211911	41.648	ug/l	93
11) Tert butyl alcohol	2.953	59	236130	202.400	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	188294	44.948	ug/l	93
13) Acrolein	2.233	56	116966	219.633	ug/l	99
14) Allyl chloride	2.660	41	381547	42.937	ug/l	88
15) Acrylonitrile	3.063	53	576438	226.492	ug/l	99
16) Acetone	2.374	43	645765	239.997	ug/l	92
17) Carbon Disulfide	2.508	76	521611	43.308	ug/l	100
18) Methyl Acetate	2.703	43	374920	45.031	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	667996	45.180	ug/l	97
20) Methylene Chloride	2.788	84	210619	43.443	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	202585	46.151	ug/l	99
22) Diisopropyl ether	3.758	45	758826	48.709	ug/l	93
23) Vinyl Acetate	3.721	43	2952450	236.546	ug/l	100
24) 1,1-Dichloroethane	3.605	63	384768	44.989	ug/l	99
25) 2-Butanone	4.550	43	906301	232.788	ug/l	98
26) 2,2-Dichloropropane	4.471	77	335888	43.354	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	240993	46.362	ug/l	96
28) Bromochloromethane	4.891	49	193797	50.796	ug/l	88
29) Tetrahydrofuran	4.995	42	545921	229.857	ug/l	98
30) Chloroform	5.093	83	381074	46.403	ug/l	98
31) Cyclohexane	5.465	56	363325	46.654	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	333307	45.275	ug/l	99
36) 1,1-Dichloropropene	5.690	75	288984	47.298	ug/l	98
37) Ethyl Acetate	4.709	43	329297	48.225	ug/l	99
38) Carbon Tetrachloride	5.672	117	292751	46.563	ug/l	98
39) Methylcyclohexane	7.379	83	376286	47.857	ug/l	100
40) Benzene	6.038	78	868740	47.980	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	180218	47.370	ug/l	97
42) 1,2-Dichloroethane	6.086	62	293974	46.163	ug/l	100
43) Isopropyl Acetate	6.336	43	571707	47.445	ug/l	99
44) Trichloroethene	7.123	130	226606	48.769	ug/l	97
45) 1,2-Dichloropropane	7.428	63	233570	48.458	ug/l	98
46) Dibromomethane	7.580	93	150029	47.295	ug/l	89
47) Bromodichloromethane	7.818	83	308159	47.336	ug/l	98
48) Methyl methacrylate	7.690	41	270582	47.311	ug/l	99
49) 1,4-Dioxane	7.653	88	104126	912.772	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	1692794	255.341	ug/l	99
52) Toluene	8.714	92	552142	50.326	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	369993	49.375	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	383248	47.774	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	223037	50.365	ug/l	98
56) Ethyl methacrylate	9.110	69	376822	50.300	ug/l	97
57) 1,3-Dichloropropane	9.305	76	382359	49.626	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	826381	254.645	ug/l	95
59) 2-Hexanone	9.427	43	1328068	262.858	ug/l	98
60) Dibromochloromethane	9.519	129	248537	50.793	ug/l	100
61) 1,2-Dibromoethane	9.610	107	237493	50.709	ug/l	99
64) Tetrachloroethene	9.275	164	189638	46.387	ug/l	95
65) Chlorobenzene	10.080	112	587638	48.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	221474	47.382	ug/l	99
67) Ethyl Benzene	10.189	91	1068712	49.268	ug/l	98
68) m/p-Xylenes	10.299	106	828109	99.758	ug/l	96
69) o-Xylene	10.640	106	410176	49.633	ug/l	95
70) Styrene	10.653	104	684430	50.922	ug/l	96
71) Bromoform	10.799	173	188999	49.536	ug/l #	99
73) Isopropylbenzene	10.964	105	1058860	48.604	ug/l	100
74) N-amyl acetate	10.842	43	540066	49.345	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	354296	47.549	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	301824m	41.962	ug/l	
77) Bromobenzene	11.195	156	251129	47.901	ug/l	81
78) n-propylbenzene	11.305	91	1265209	49.936	ug/l	97
79) 2-Chlorotoluene	11.366	91	758679	48.834	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	893614	48.788	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	130436	46.585	ug/l	92
82) 4-Chlorotoluene	11.451	91	866497	48.968	ug/l	96
83) tert-Butylbenzene	11.713	119	895353	47.729	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	893223	48.232	ug/l	98
85) sec-Butylbenzene	11.890	105	1136086	49.871	ug/l	98
86) p-Isopropyltoluene	12.006	119	946167	50.186	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	484424	49.269	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	483004	48.704	ug/l	96
89) n-Butylbenzene	12.329	91	857514	51.068	ug/l	98
90) Hexachloroethane	12.536	117	193873	49.183	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	464288	48.263	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	79341	44.653	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	301028	48.741	ug/l	98
94) Hexachlorobutadiene	13.725	225	123930	48.404	ug/l	99
95) Naphthalene	13.774	128	991260	47.644	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	297730	48.557	ug/l	97

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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

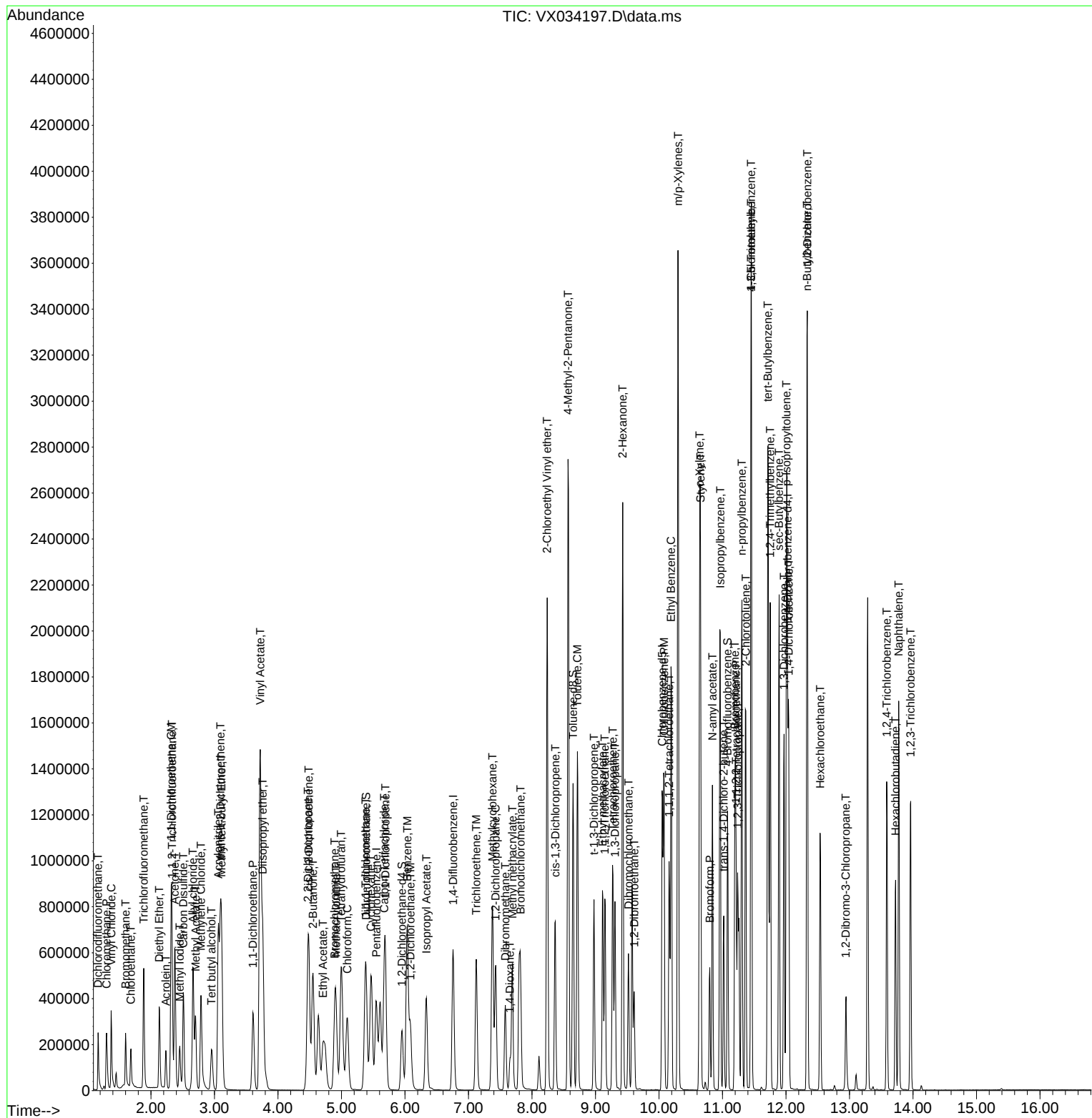
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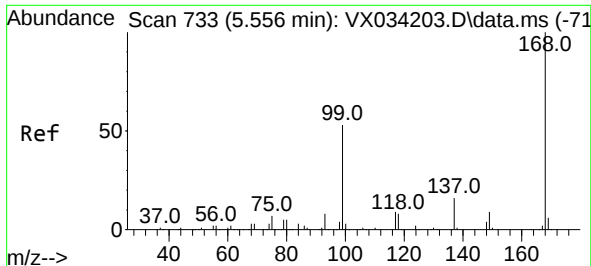
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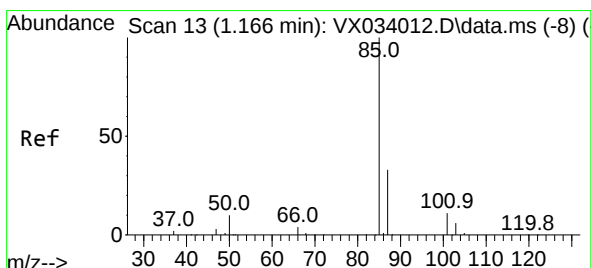
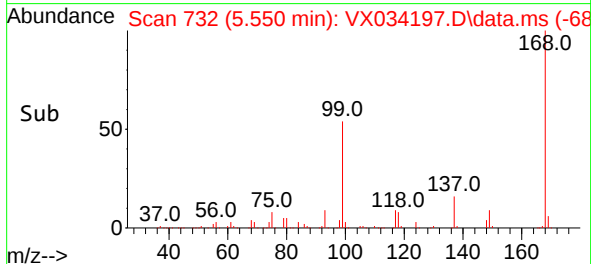
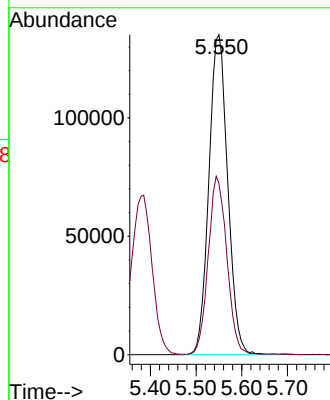
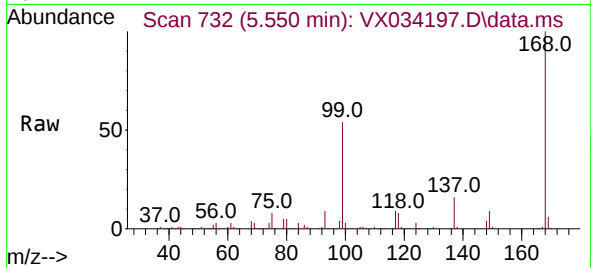
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034197.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 387300
Ion Ratio Lower Upper
168 100
99 53.4 39.6 59.4

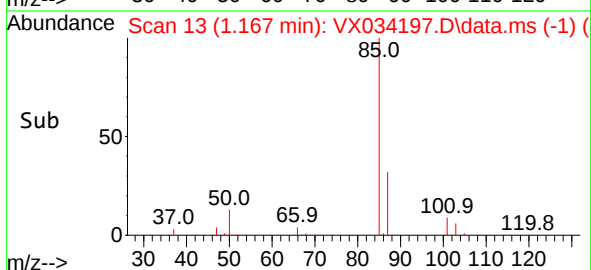
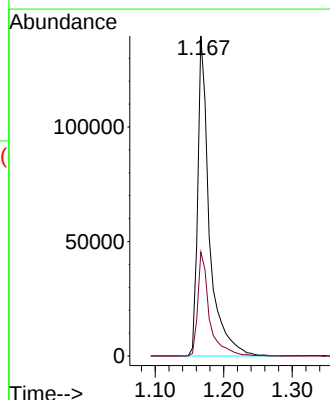
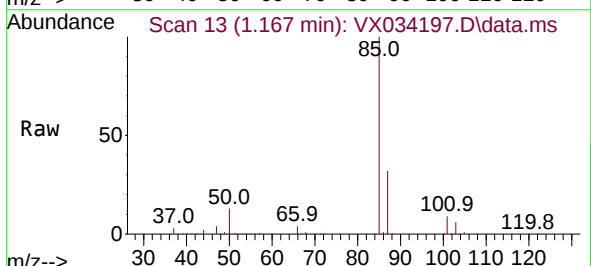
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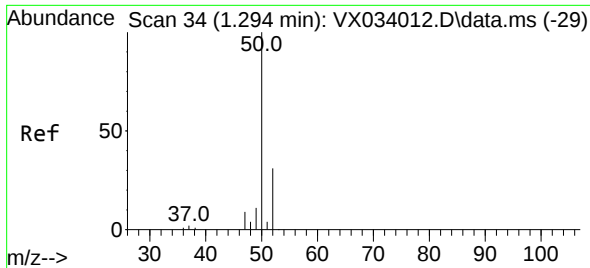
Reviewed By :John Carlone 02/21/2023
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#2
Dichlorodifluoromethane
Concen: 49.395 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Tgt Ion: 85 Resp: 165311
Ion Ratio Lower Upper
85 100
87 32.5 15.8 47.4





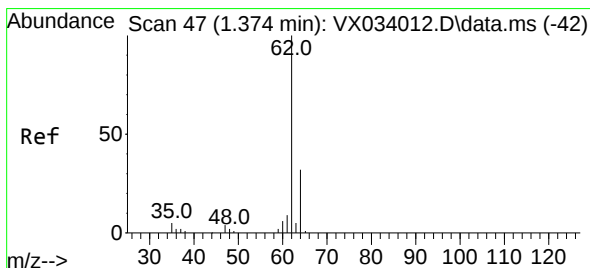
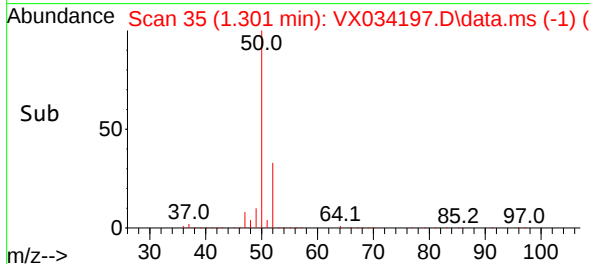
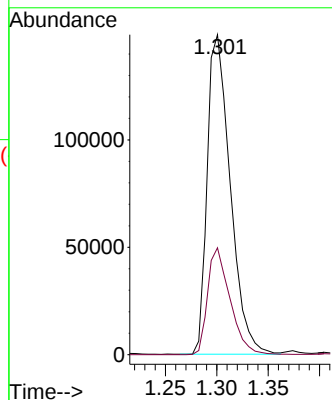
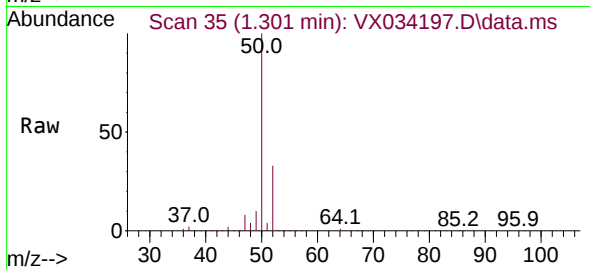
#3
Chloromethane
Concen: 48.220 ug/l
RT: 1.301 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 232234
Ion Ratio Lower Upper
50 100
52 33.5 25.2 37.8

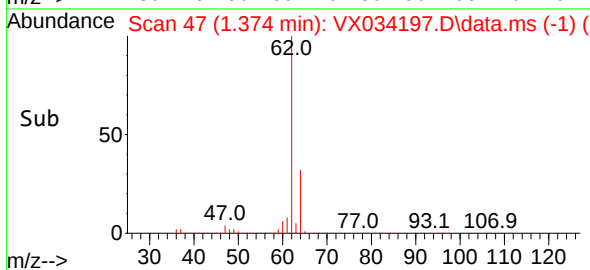
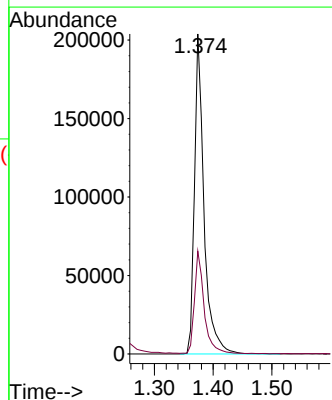
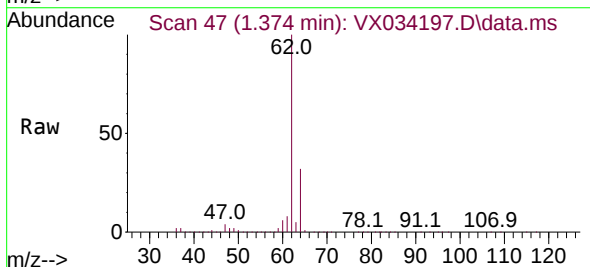
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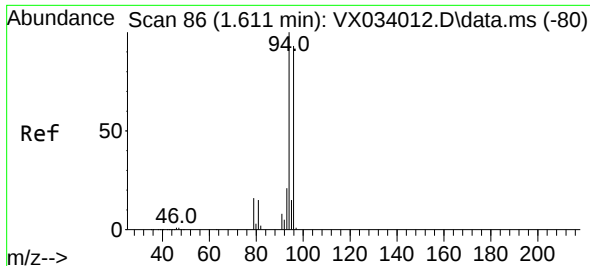
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#4
Vinyl Chloride
Concen: 52.609 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

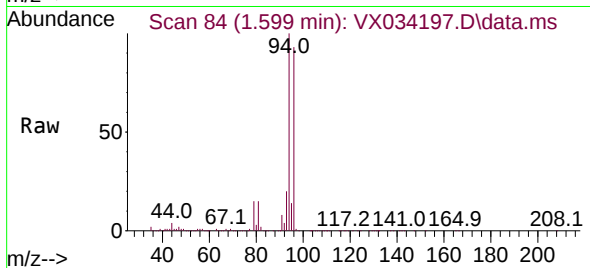
Tgt Ion: 62 Resp: 230749
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.4





#5
Bromomethane
Concen: 59.509 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

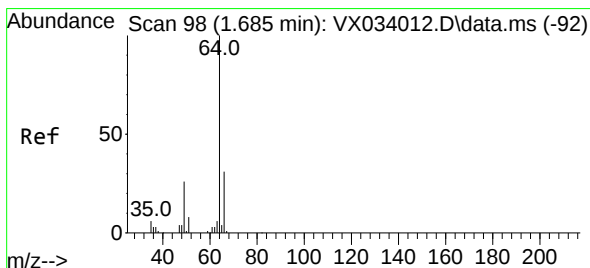
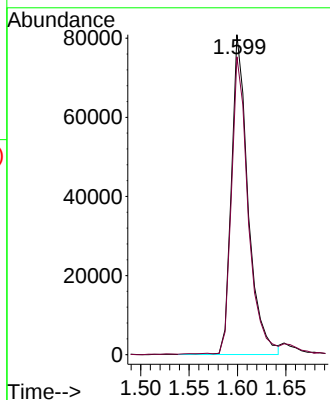
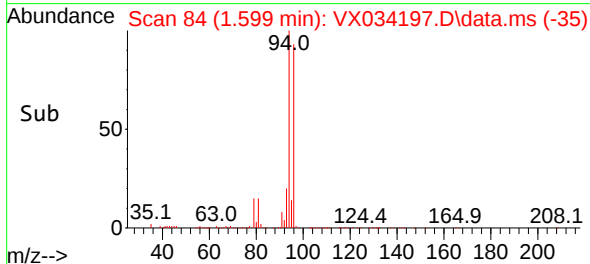
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Tgt Ion: 94 Resp: 96860
Ion Ratio Lower Upper
94 100
96 93.0 74.3 111.5

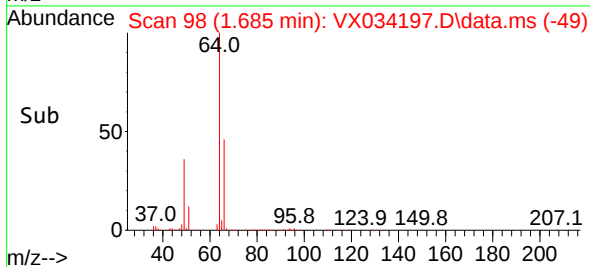
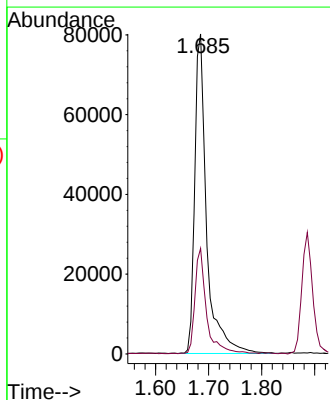
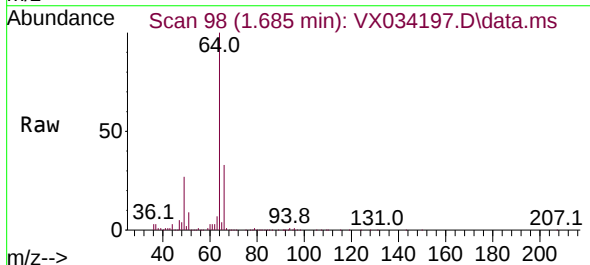
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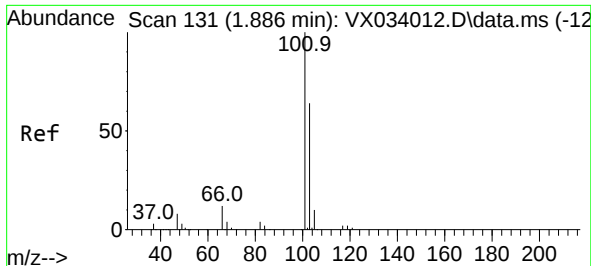
Reviewed By :John Carlone 02/21/2023
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#6
Chloroethane
Concen: 56.563 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

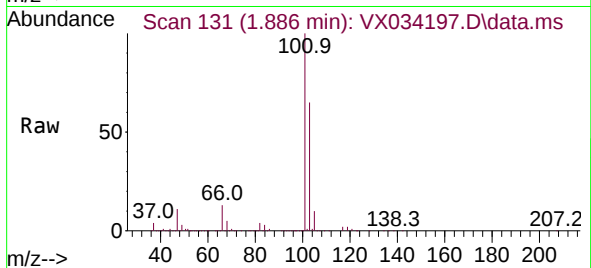
Tgt Ion: 64 Resp: 124722
Ion Ratio Lower Upper
64 100
66 33.0 26.1 39.1





#7
Trichlorofluoromethane
Concen: 54.014 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

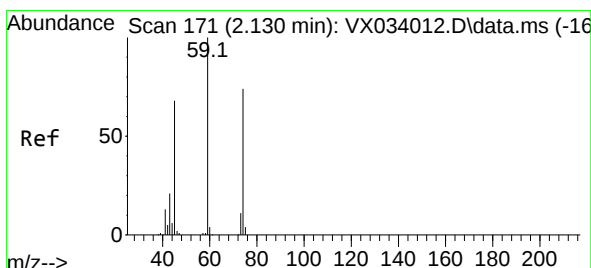
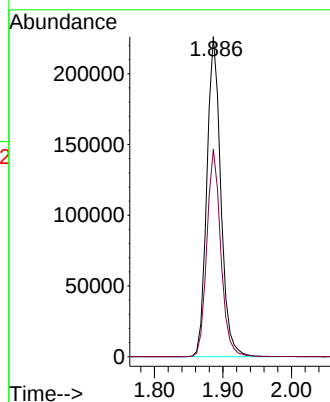
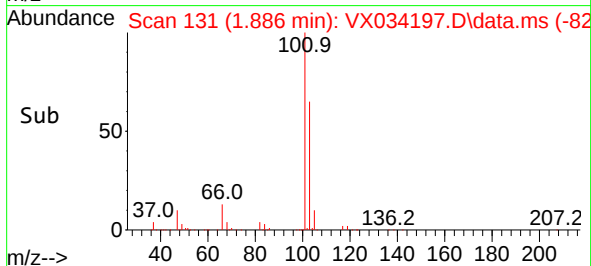
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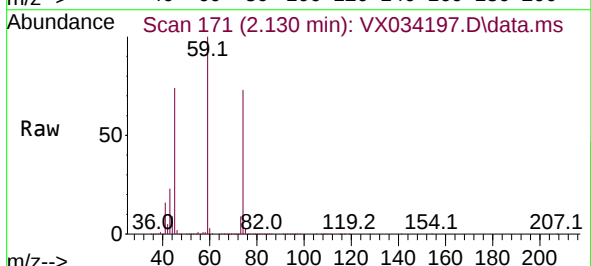
Tgt Ion:101 Resp: 320519
Ion Ratio Lower Upper
101 100
103 64.9 50.6 75.8

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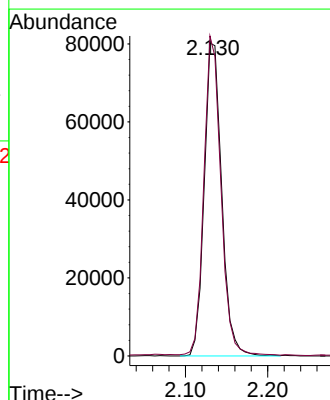
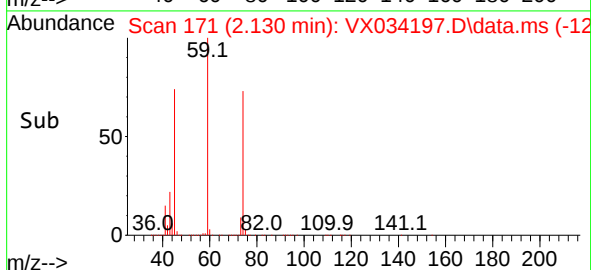
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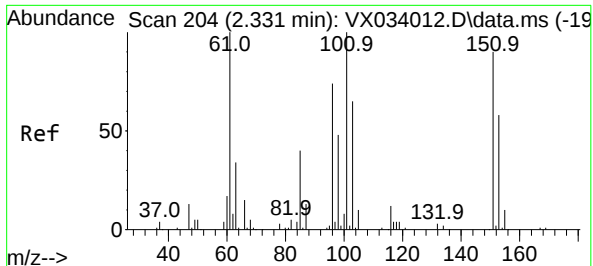


#8
Diethyl Ether
Concen: 49.670 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02



Tgt Ion: 74 Resp: 118743
Ion Ratio Lower Upper
74 100
45 99.3 51.5 154.5





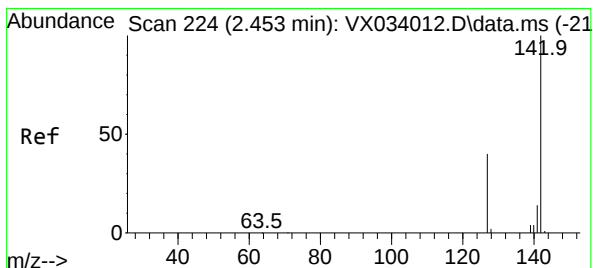
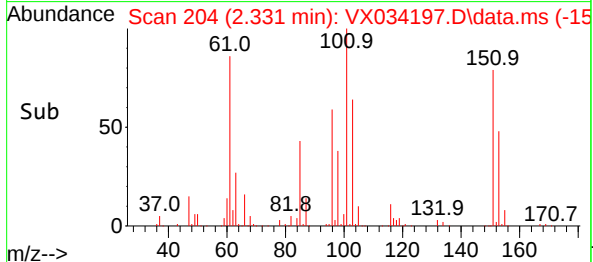
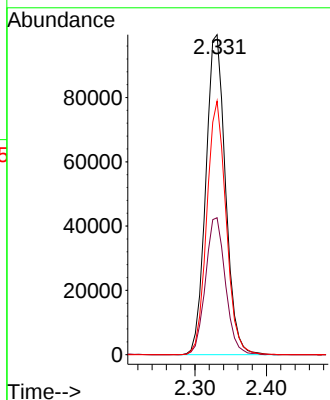
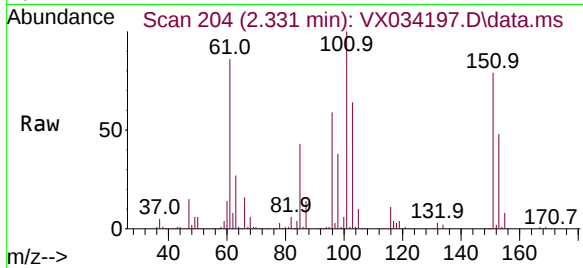
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.443 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 189904
Ion Ratio Lower Upper
101 100
85 43.5 36.7 55.1
151 77.8 66.5 99.7

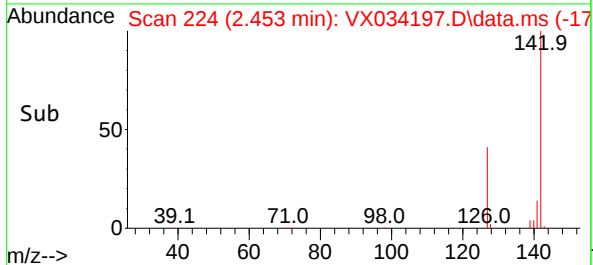
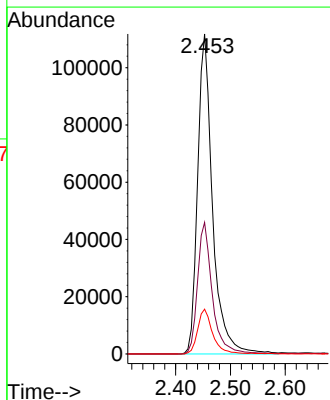
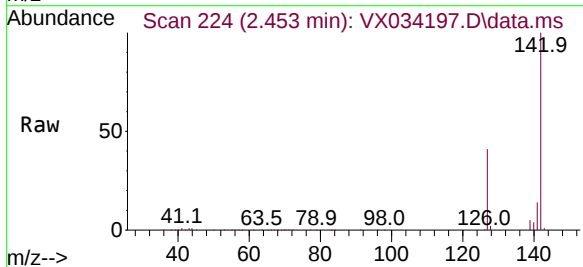
Manual Integrations
APPROVED

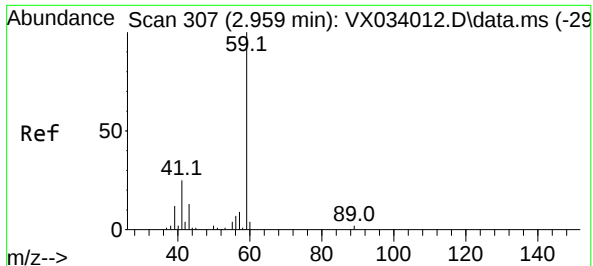
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#10
Methyl Iodide
Concen: 41.648 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Tgt Ion:142 Resp: 211911
Ion Ratio Lower Upper
142 100
127 40.6 37.3 55.9
141 14.1 11.5 17.3





#11

Tert butyl alcohol

Concen: 202.400 ug/l

RT: 2.953 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 236130

Ion Ratio Lower Upper

59 100

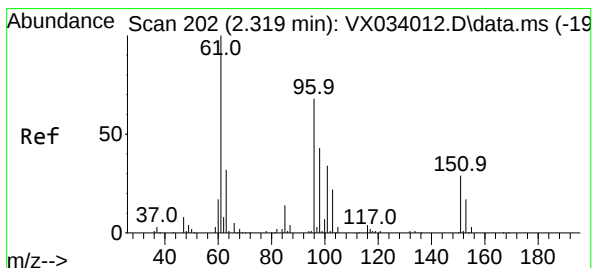
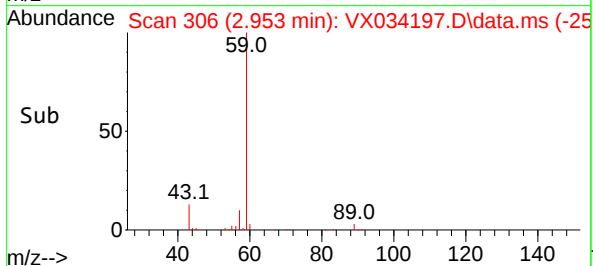
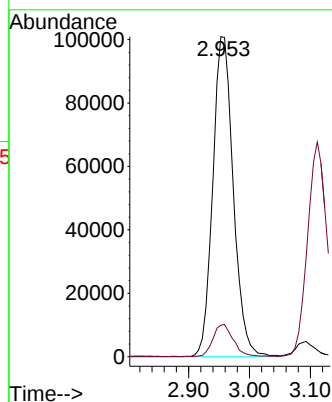
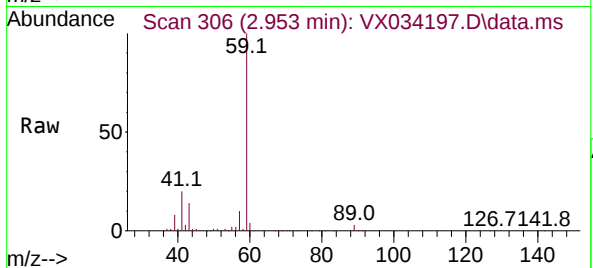
57 9.9 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/22/2023



#12

1,1-Dichloroethene

Concen: 44.948 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

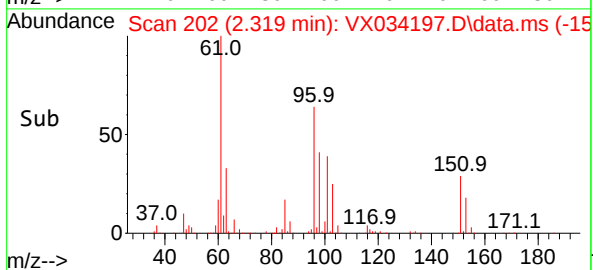
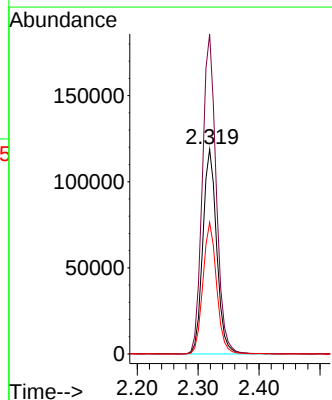
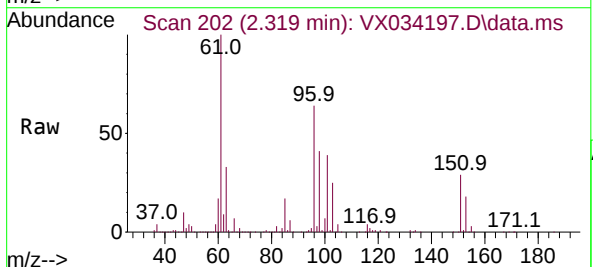
Tgt Ion: 96 Resp: 188294

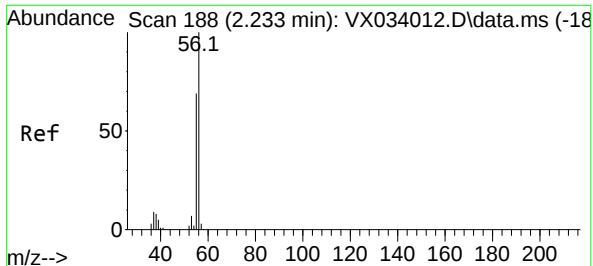
Ion Ratio Lower Upper

96 100

61 156.2 134.2 201.4

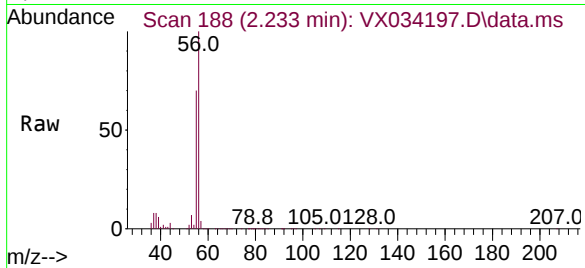
98 64.1 50.2 75.2





#13
Acrolein
Concen: 219.633 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

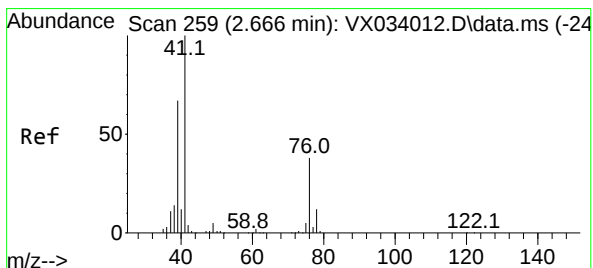
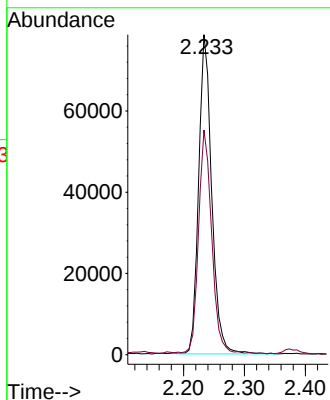
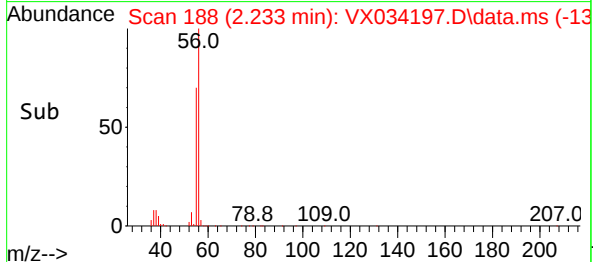
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



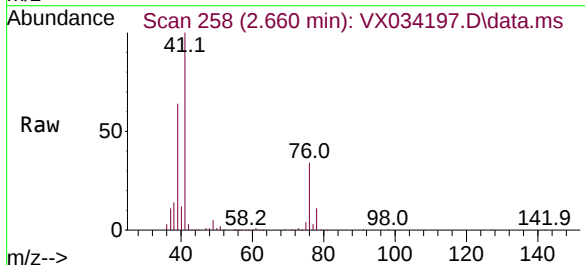
Tgt Ion: 56 Resp: 116960
Ion Ratio Lower Upper
56 100
55 69.3 56.3 84.5

Manual Integrations
APPROVED

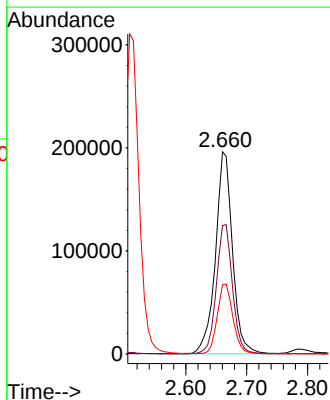
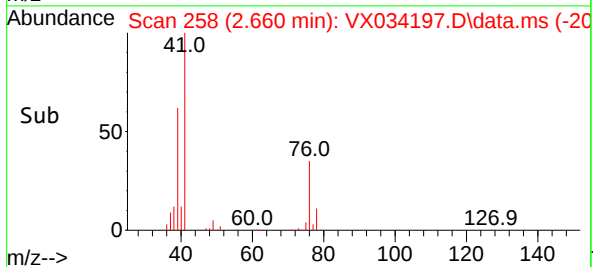
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023

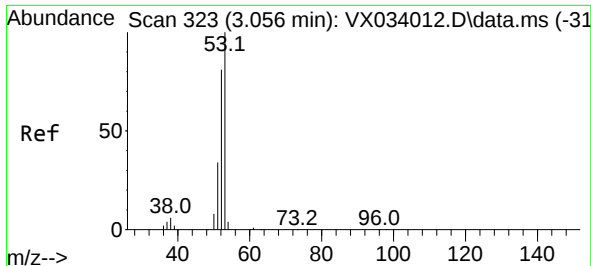


#14
Allyl chloride
Concen: 42.937 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02



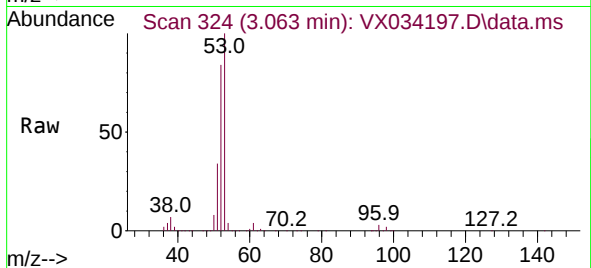
Tgt Ion: 41 Resp: 381547
Ion Ratio Lower Upper
41 100
39 60.3 59.0 88.4
76 31.8 24.6 37.0





#15
Acrylonitrile
Concen: 226.492 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

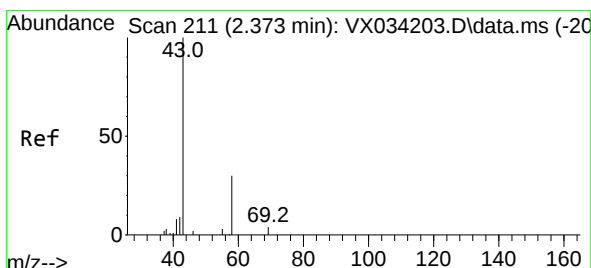
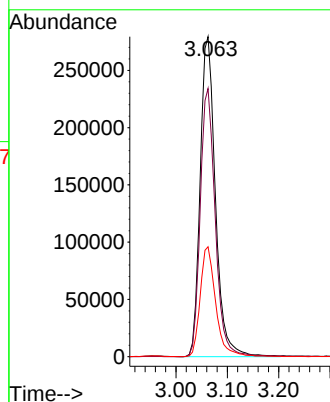
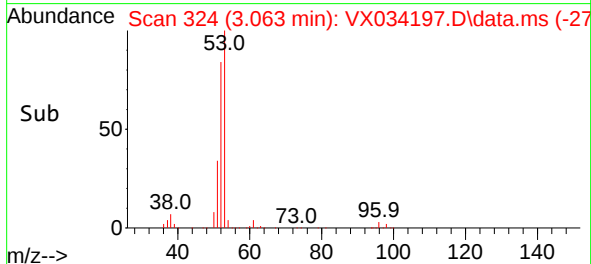
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 576438
Ion Ratio Lower Upper
53 100
52 82.7 65.7 98.5
51 35.0 29.0 43.4

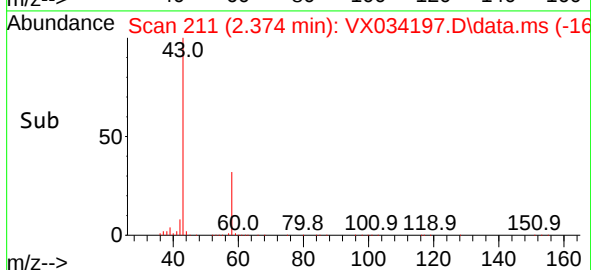
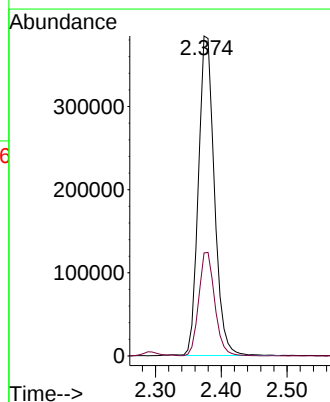
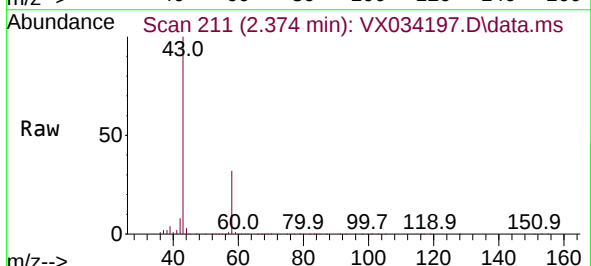
Manual Integrations
APPROVED

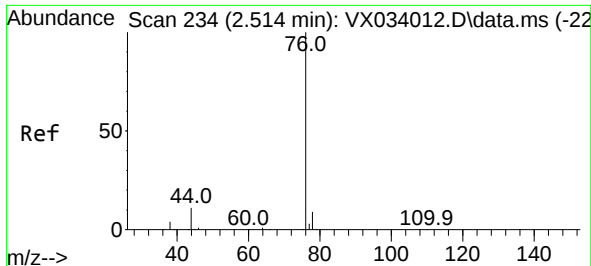
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#16
Acetone
Concen: 239.997 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Tgt Ion: 43 Resp: 645765
Ion Ratio Lower Upper
43 100
58 32.2 22.6 33.8





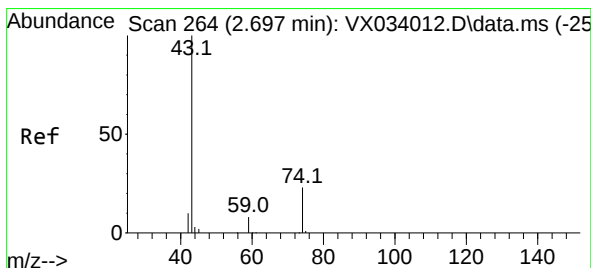
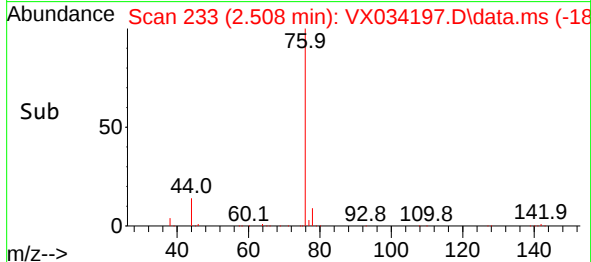
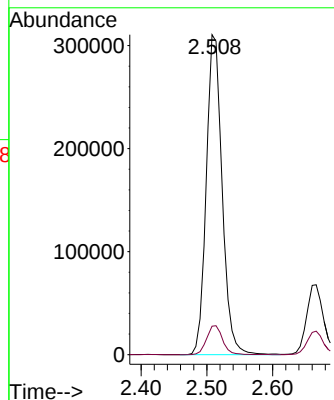
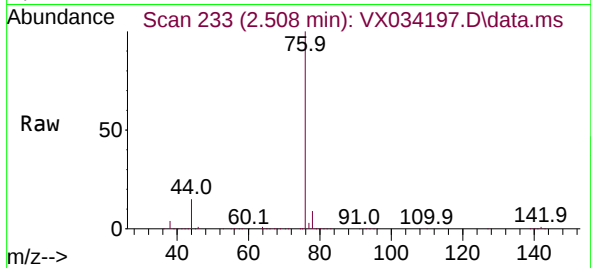
#17
Carbon Disulfide
Concen: 43.308 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 52161
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

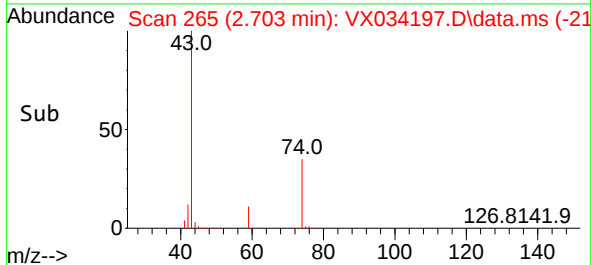
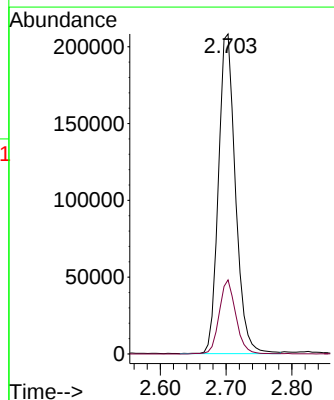
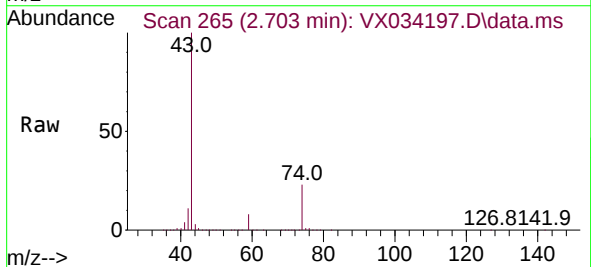
Manual Integrations
APPROVED

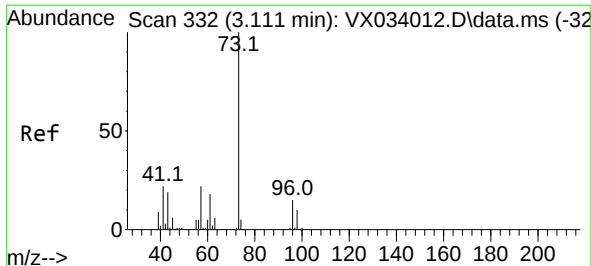
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#18
Methyl Acetate
Concen: 45.031 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Tgt Ion: 43 Resp: 374920
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 45.180 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 667990

Ion Ratio Lower Upper

73 100

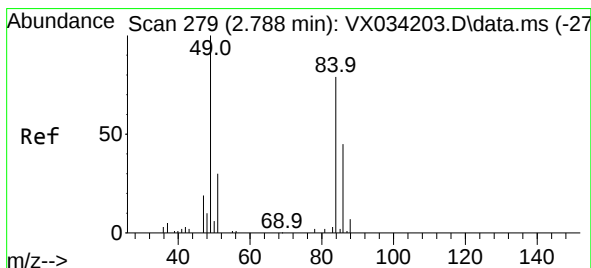
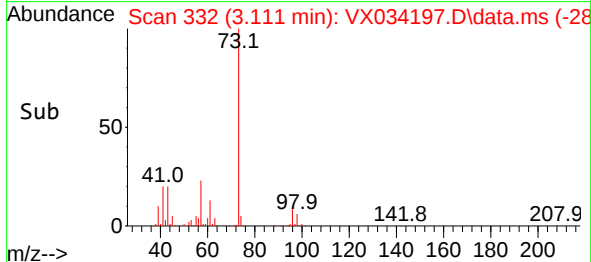
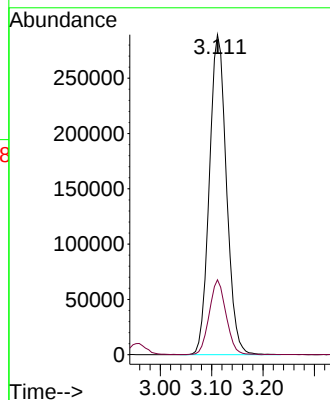
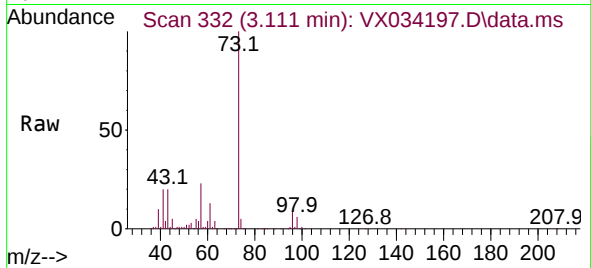
57 23.4 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/22/2023



#20

Methylene Chloride

Concen: 43.443 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

Tgt Ion: 84 Resp: 210619

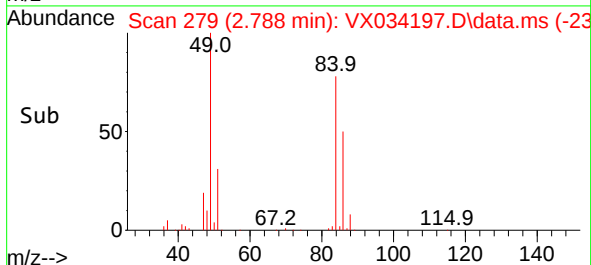
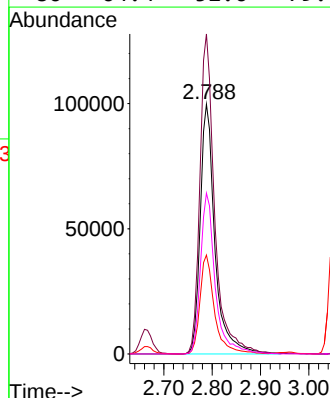
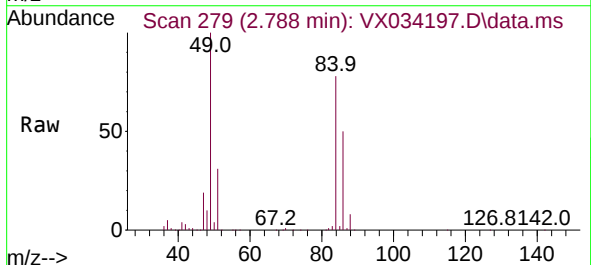
Ion Ratio Lower Upper

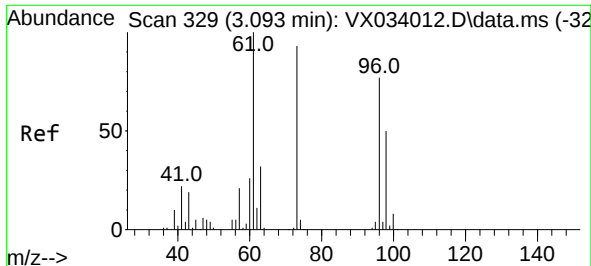
84 100

49 128.1 101.1 151.7

51 39.6 31.0 46.6

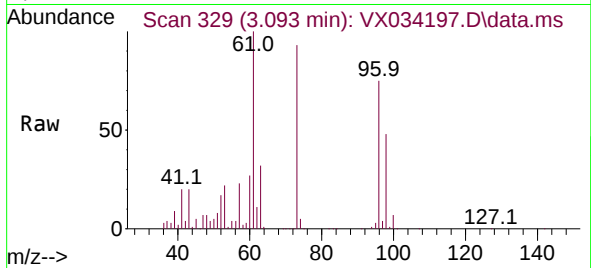
86 64.4 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 46.151 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

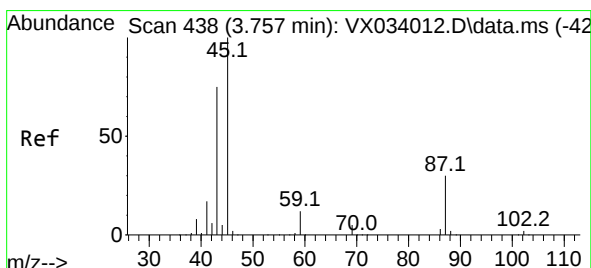
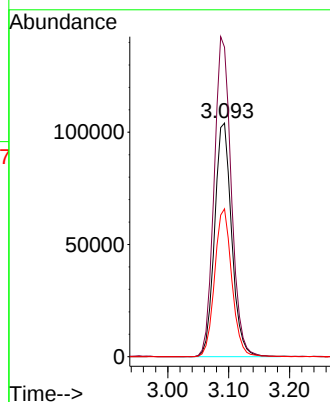
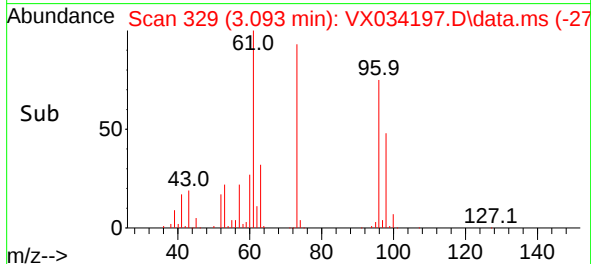
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



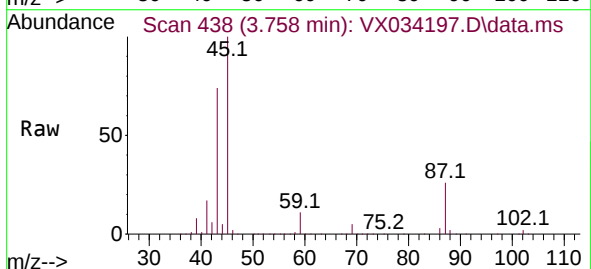
Tgt Ion: 96 Resp: 20258
Ion Ratio Lower Upper
96 100
61 132.5 106.7 160.1
98 63.3 50.0 75.0

Manual Integrations
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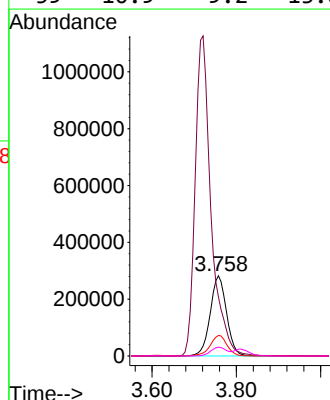
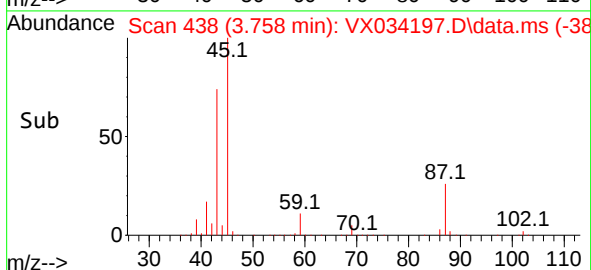
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023

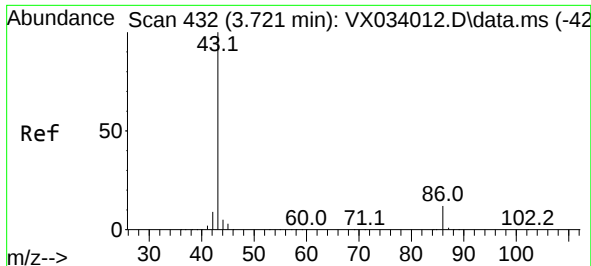


#22
Diisopropyl ether
Concen: 48.709 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02



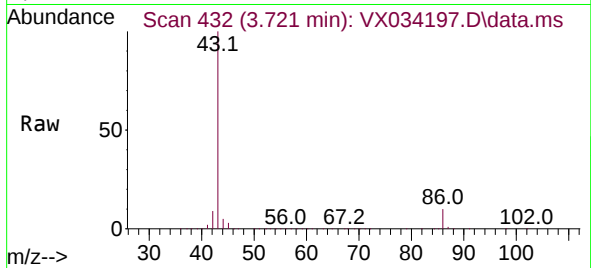
Tgt Ion: 45 Resp: 758826
Ion Ratio Lower Upper
45 100
43 73.4 64.6 97.0
87 25.6 21.9 32.9
59 10.9 9.2 13.8





#23
 Vinyl Acetate
 Concen: 236.546 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX034197.D
 Acq: 21 Feb 2023 09:02

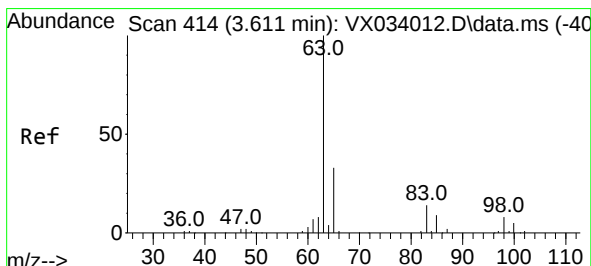
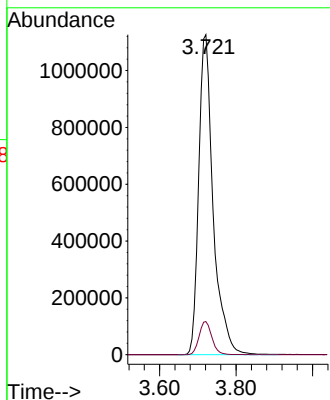
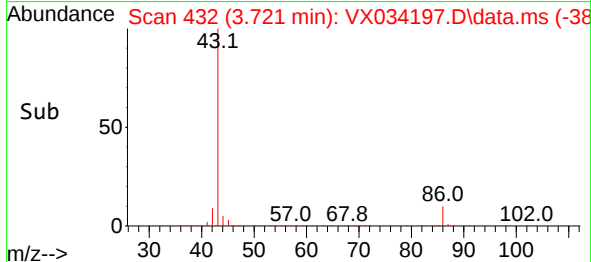
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



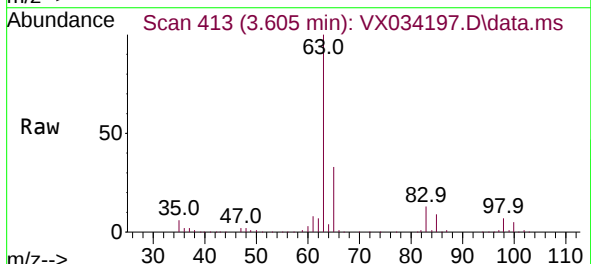
Tgt Ion: 43 Resp: 2952450
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6

Manual Integrations
 APPROVED

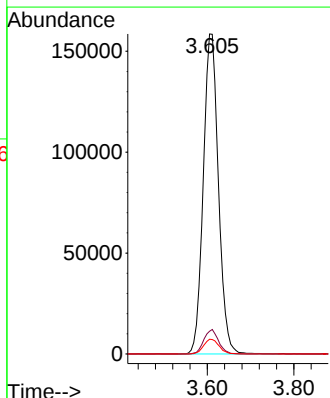
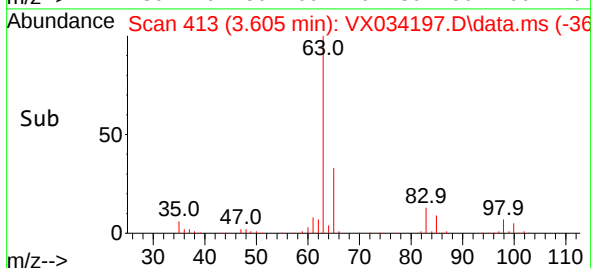
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/22/2023

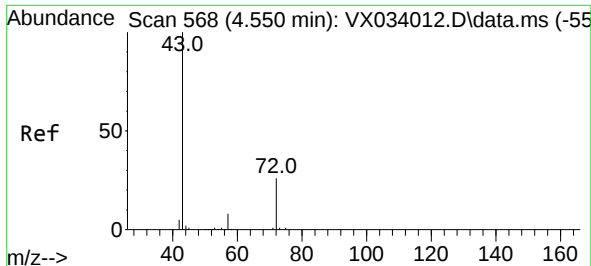


#24
 1,1-Dichloroethane
 Concen: 44.989 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034197.D
 Acq: 21 Feb 2023 09:02



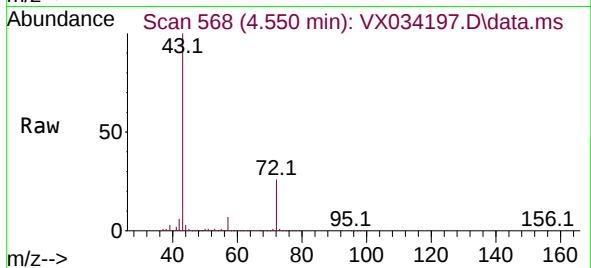
Tgt Ion: 63 Resp: 384768
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.6 2.4 7.2





#25
2-Butanone
Concen: 232.788 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

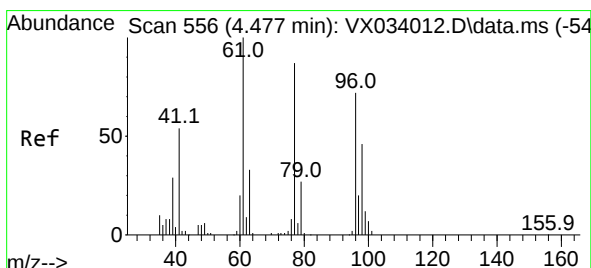
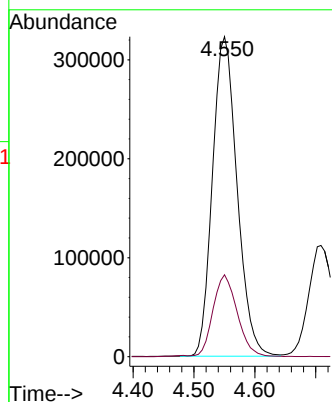
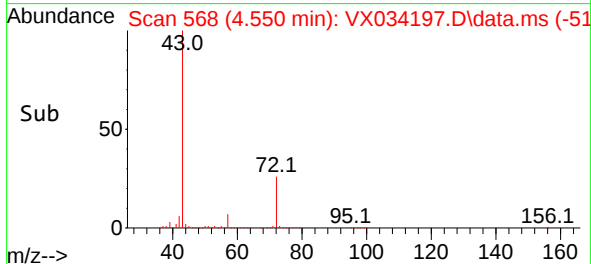
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 90630
Ion Ratio Lower Upper
43 100
72 25.5 19.4 29.2

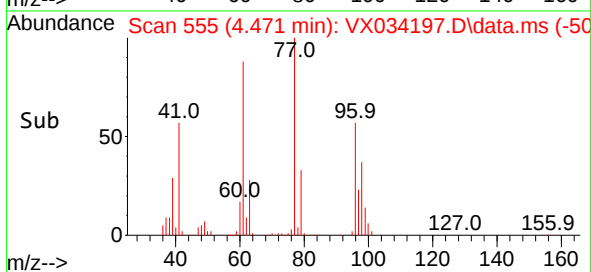
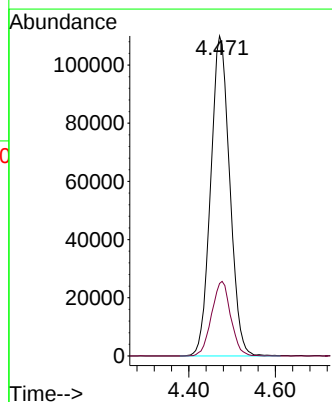
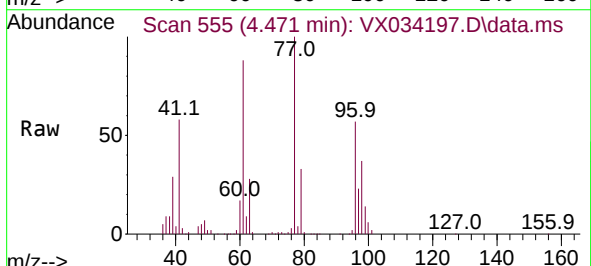
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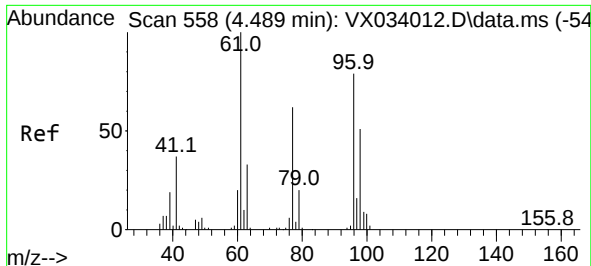
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#26
2,2-Dichloropropane
Concen: 43.354 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Tgt Ion: 77 Resp: 335888
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 46.362 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 24099

Ion Ratio Lower Upper

96 100

61 145.1 0.0 277.6

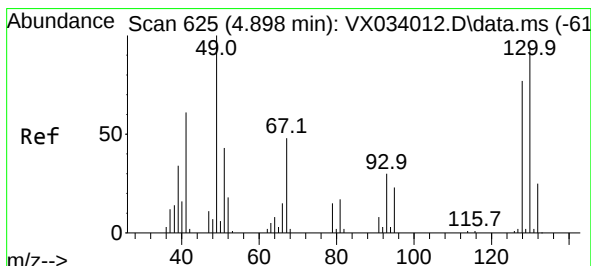
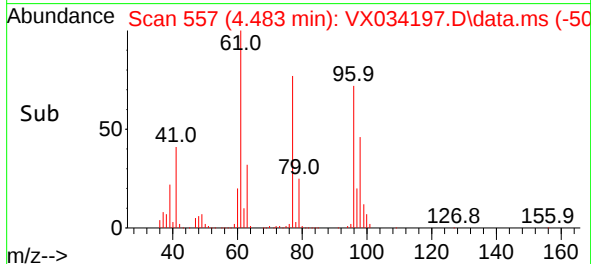
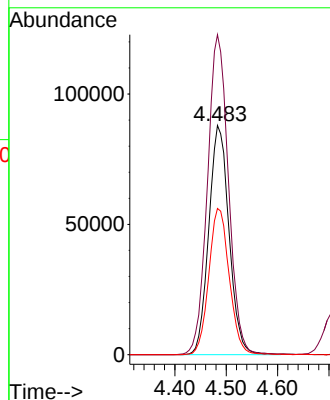
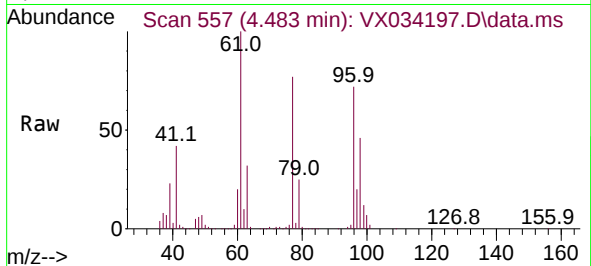
98 64.5 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/22/2023



#28

Bromochloromethane

Concen: 50.796 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

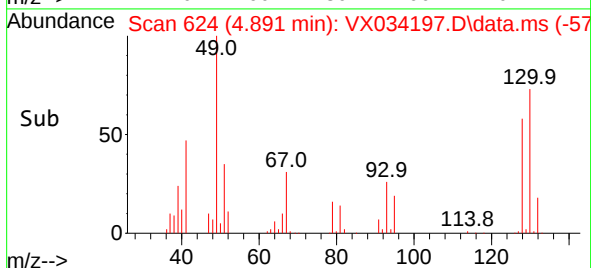
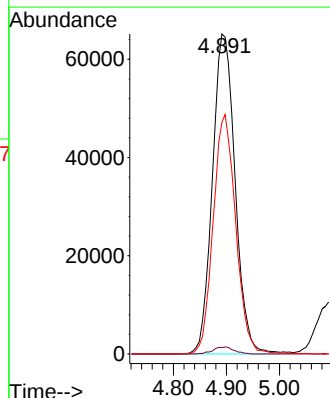
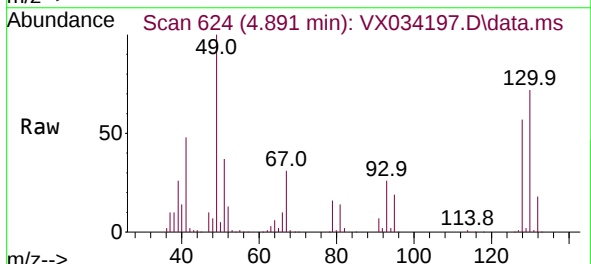
Tgt Ion: 49 Resp: 193797

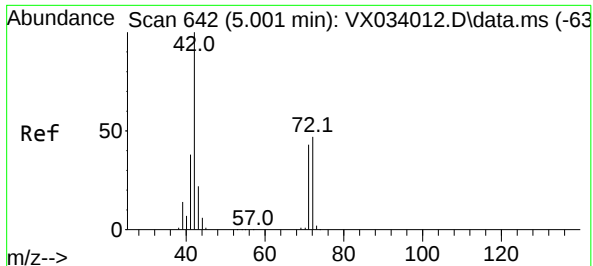
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 74.2 68.5 102.7





#29

Tetrahydrofuran

Concen: 229.857 ug/l

RT: 4.995 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 54592

Ion Ratio Lower Upper

42 100

72 42.2 34.8 52.2

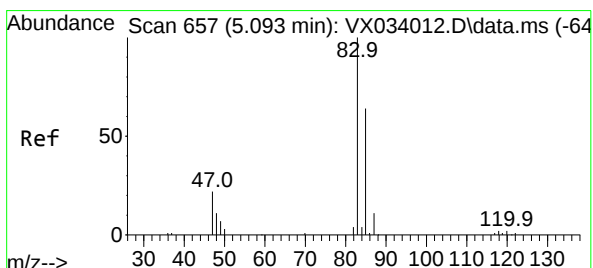
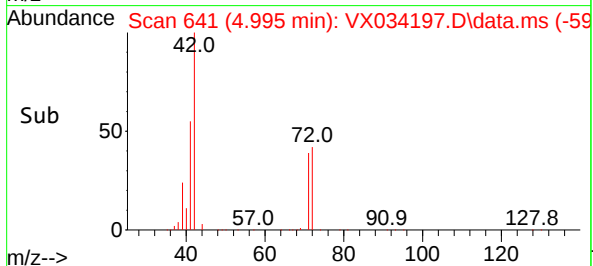
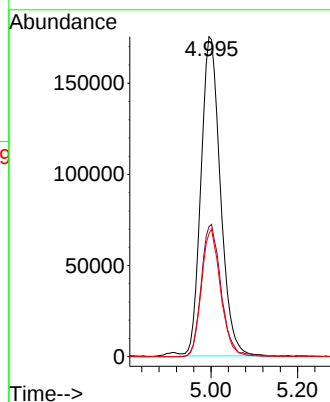
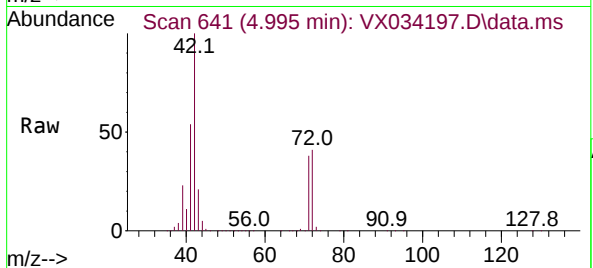
71 39.2 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/22/2023



#30

Chloroform

Concen: 46.403 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX034197.D

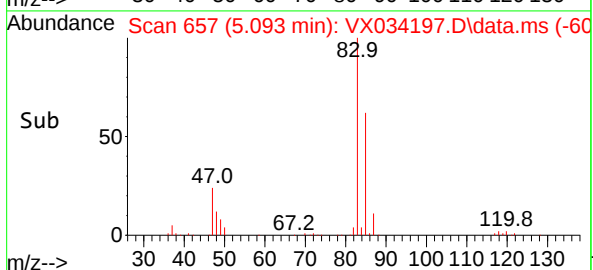
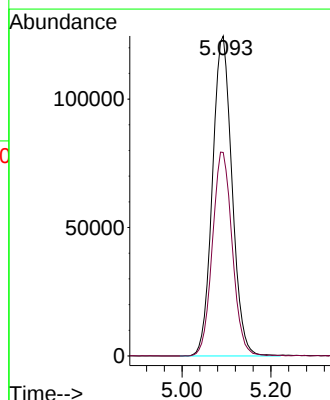
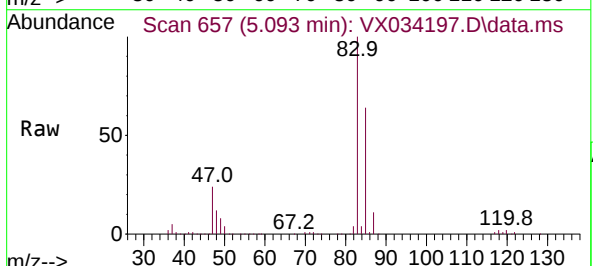
Acq: 21 Feb 2023 09:02

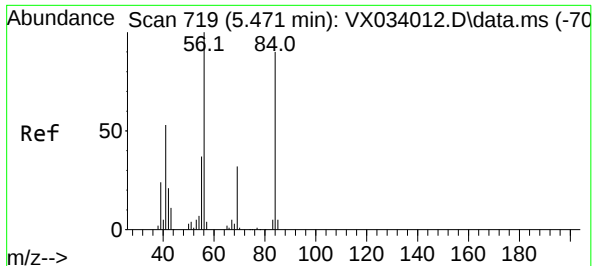
Tgt Ion: 83 Resp: 381074

Ion Ratio Lower Upper

83 100

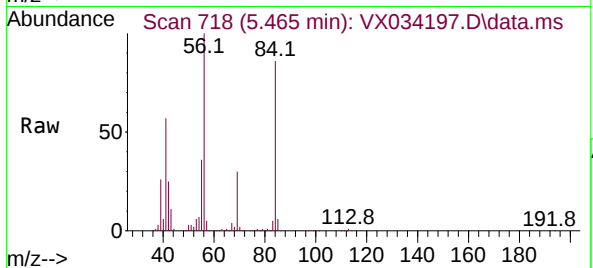
85 63.6 52.1 78.1





#31
Cyclohexane
Concen: 46.654 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

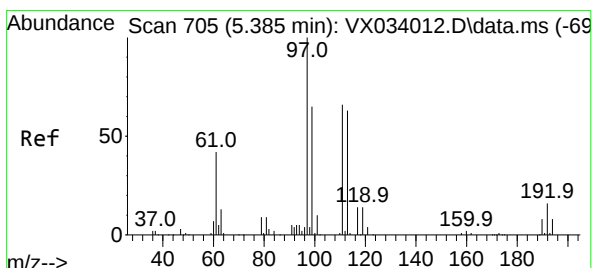
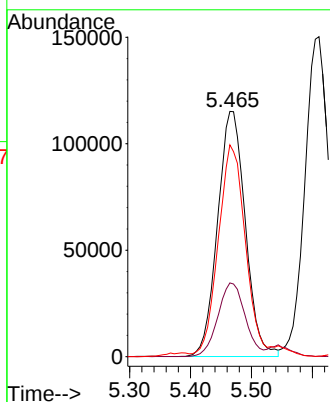
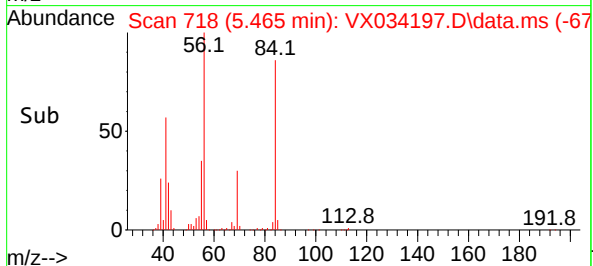
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 363325
Ion Ratio Lower Upper
56 100
69 30.0 24.6 37.0
84 85.1 71.0 106.6

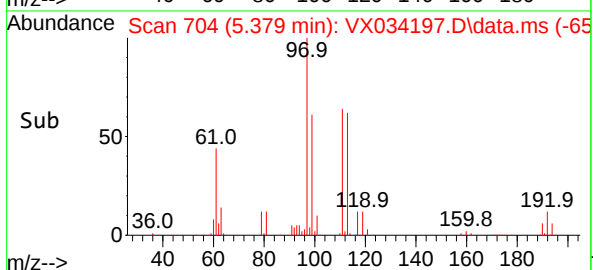
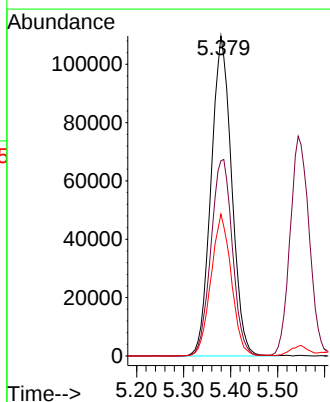
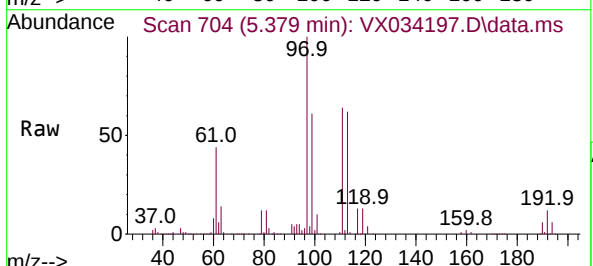
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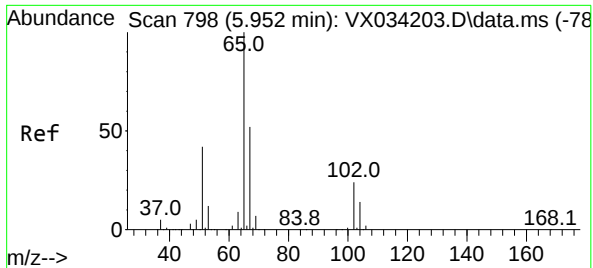
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#32
1,1,1-Trichloroethane
Concen: 45.275 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Tgt Ion: 97 Resp: 333307
Ion Ratio Lower Upper
97 100
99 64.3 52.3 78.5
61 43.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.936 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 23960

Ion Ratio Lower Upper

65 100

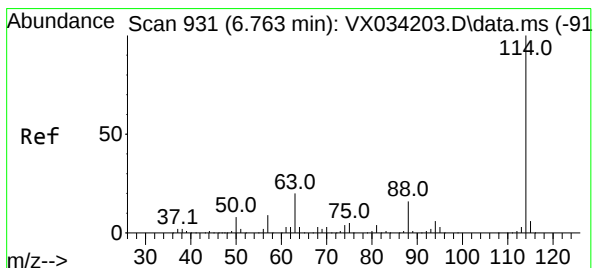
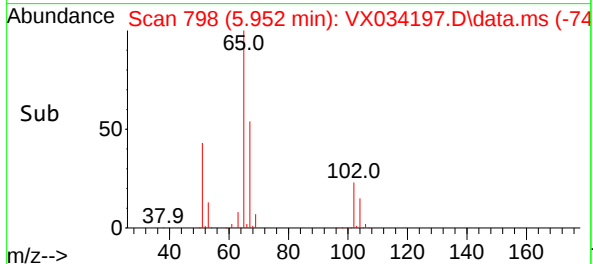
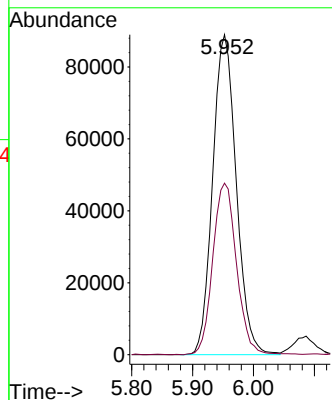
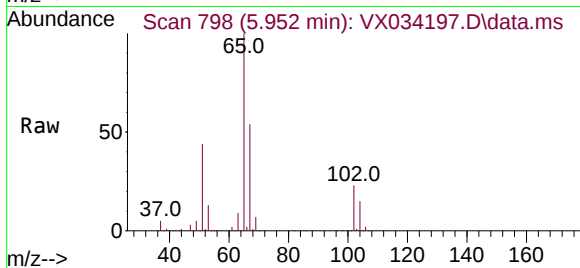
67 54.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

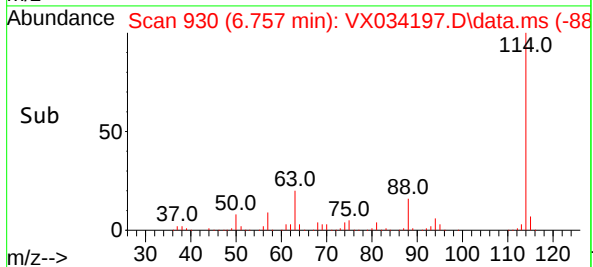
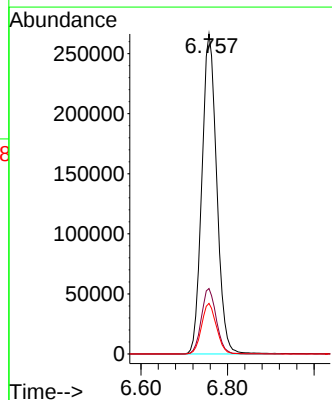
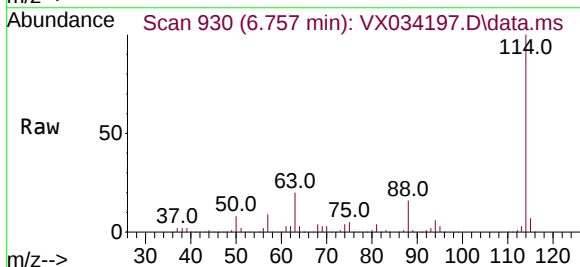
Tgt Ion:114 Resp: 634524

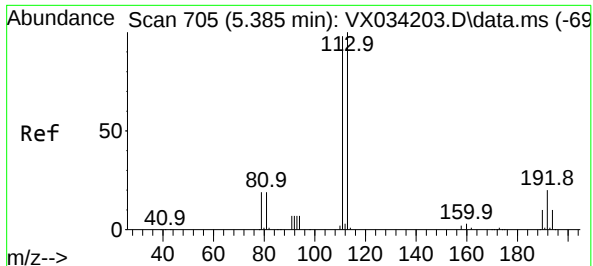
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

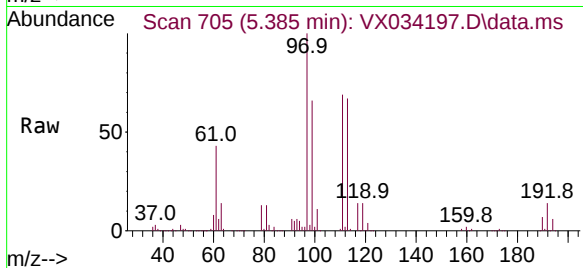
88 15.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.892 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

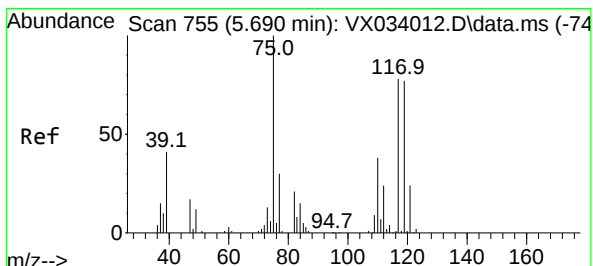
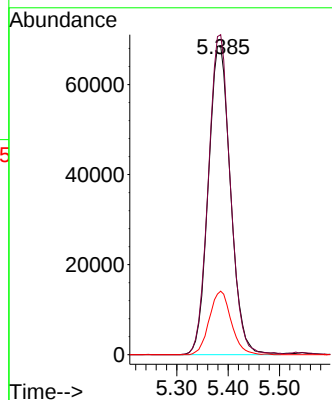
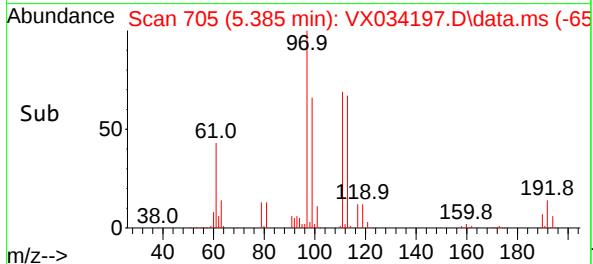
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 20612
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.6
192 20.2 19.0 28.4

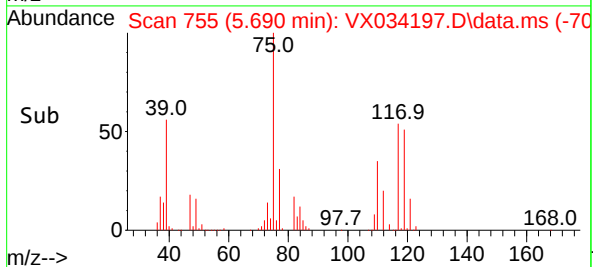
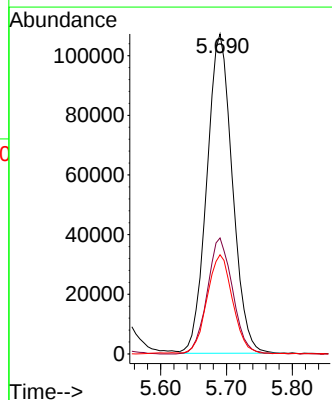
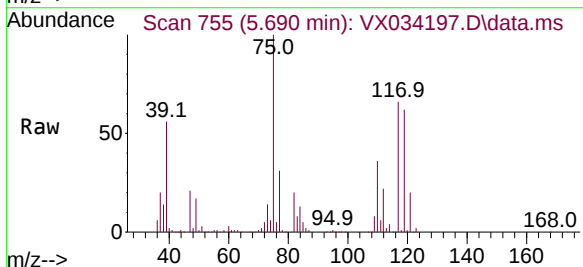
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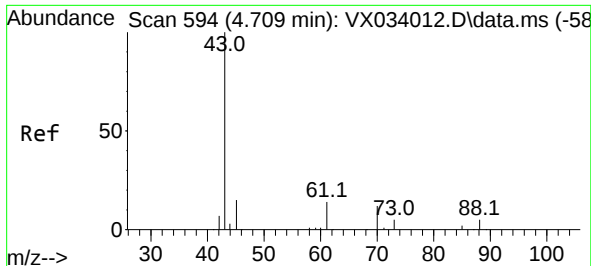
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#36
1,1-Dichloropropene
Concen: 47.298 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Tgt Ion: 75 Resp: 288984
Ion Ratio Lower Upper
75 100
110 36.1 18.8 56.4
77 31.1 25.1 37.7





#37

Ethyl Acetate

Concen: 48.225 ug/l

RT: 4.709 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 32929

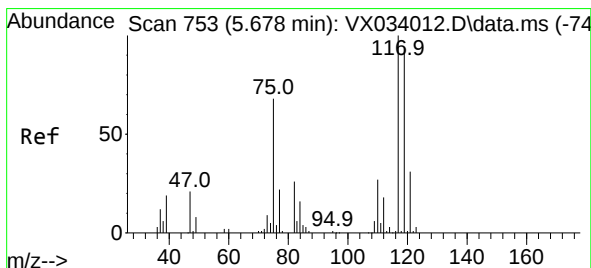
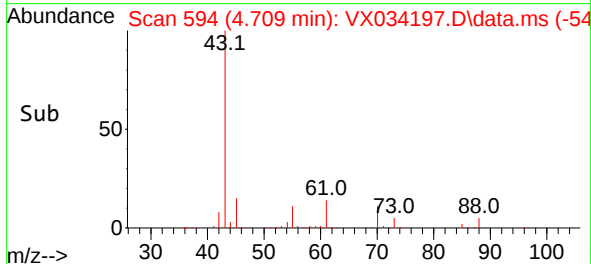
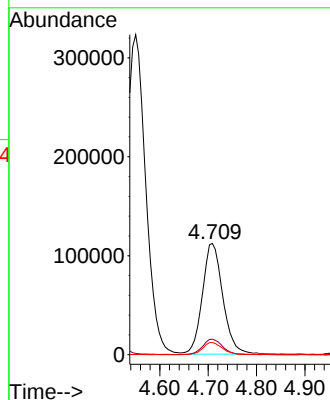
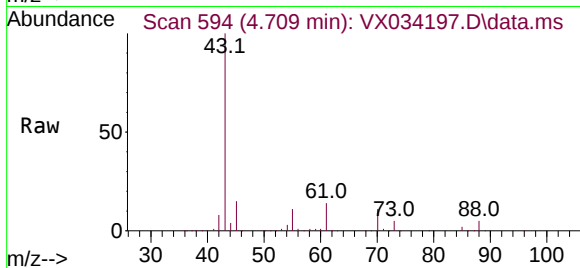
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.1	16.7
70	10.7	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/22/2023



#38

Carbon Tetrachloride

Concen: 46.563 ug/l

RT: 5.672 min Scan# 752

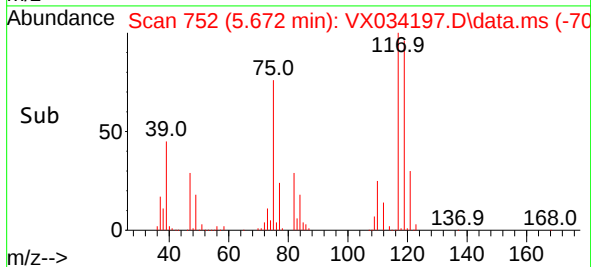
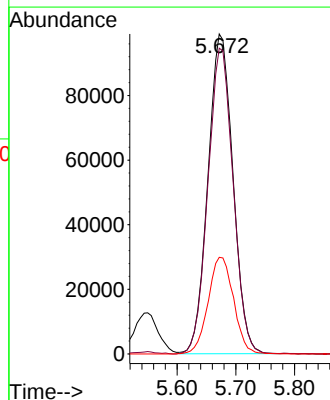
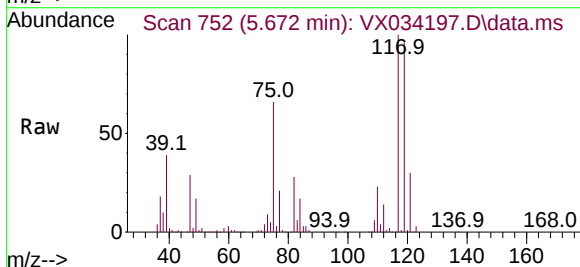
Delta R.T. 0.000 min

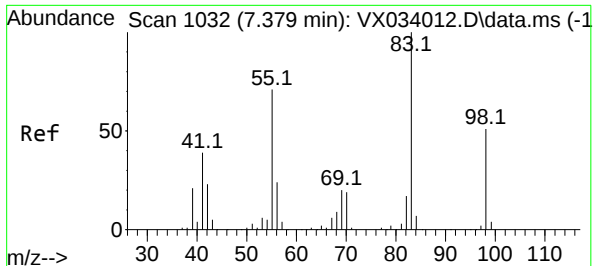
Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

Tgt Ion:117 Resp: 292751

Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.0	117.0
121	30.2	24.4	36.6





#39

Methylcyclohexane

Concen: 47.857 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 376280

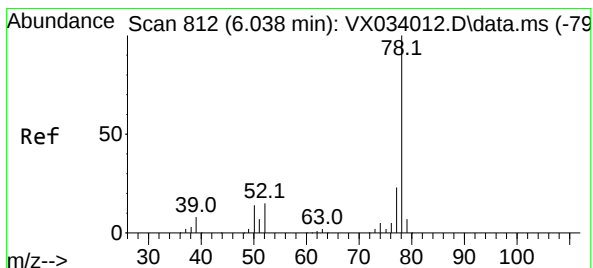
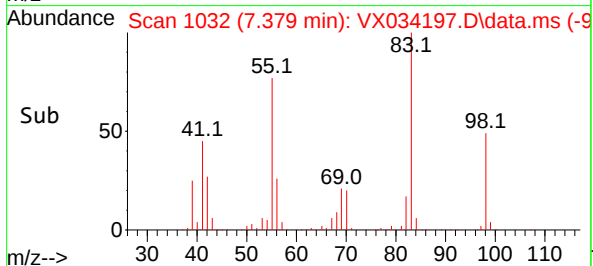
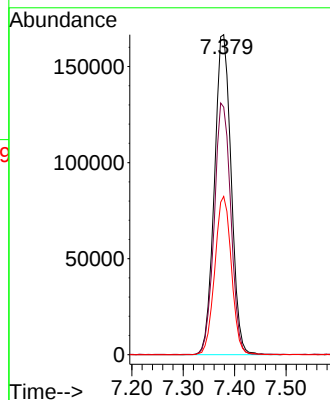
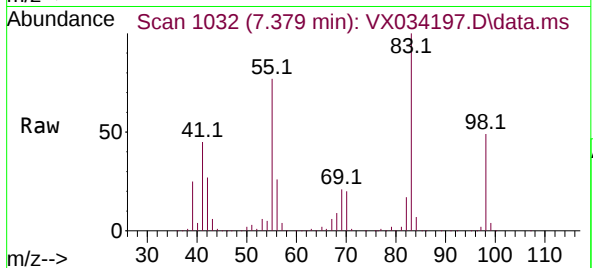
Ion	Ratio	Lower	Upper
83	100		
55	77.3	61.8	92.6
98	49.4	39.3	58.9

Manual Integrations

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Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/22/2023



#40

Benzene

Concen: 47.980 ug/l

RT: 6.038 min Scan# 812

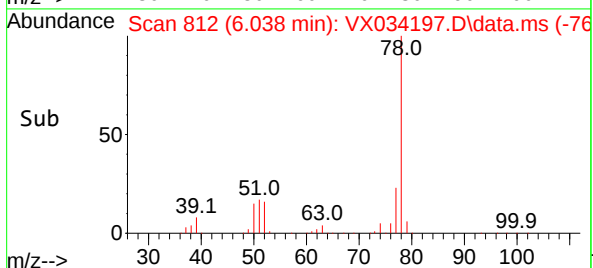
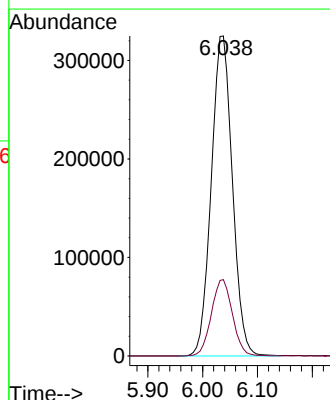
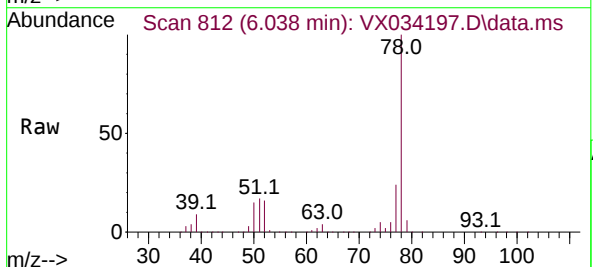
Delta R.T. 0.000 min

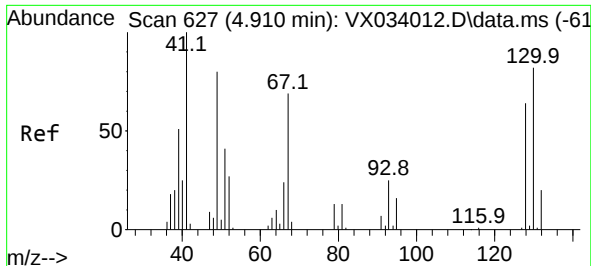
Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

Tgt Ion: 78 Resp: 868740

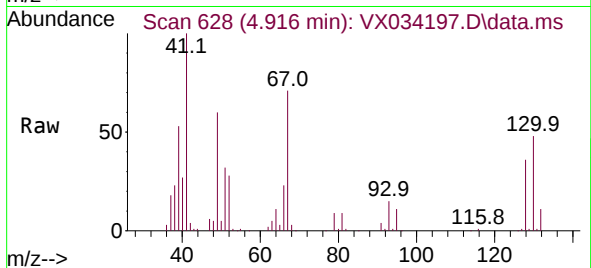
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4





#41
Methacrylonitrile
Concen: 47.370 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

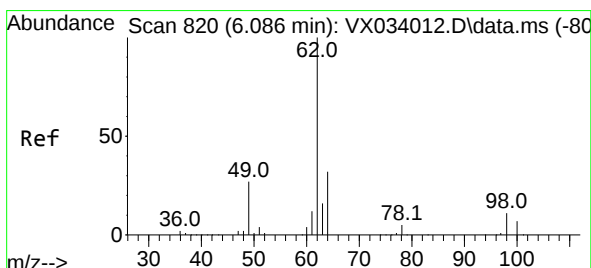
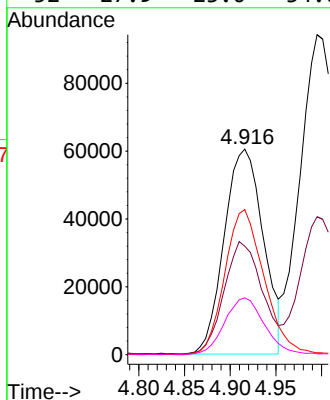
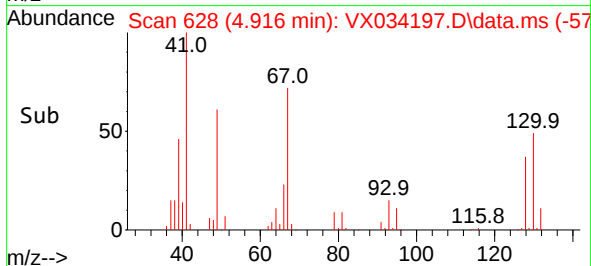
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 180218
Ion Ratio Lower Upper
41 100
39 53.4 43.8 65.6
67 71.5 54.8 82.2
52 27.9 23.0 34.6

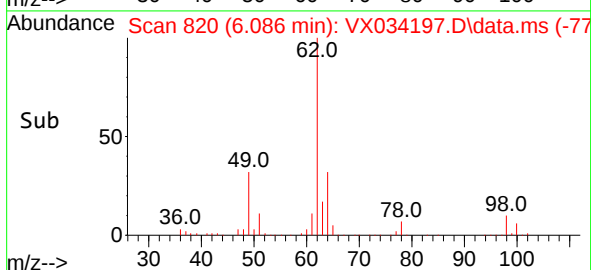
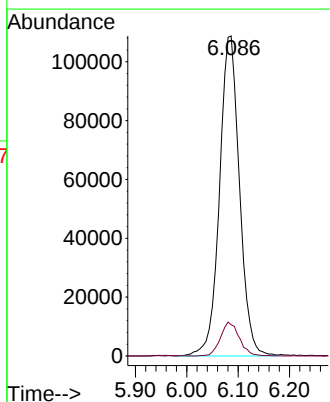
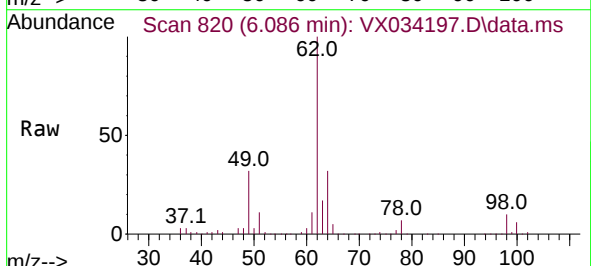
Manual Integrations
APPROVED

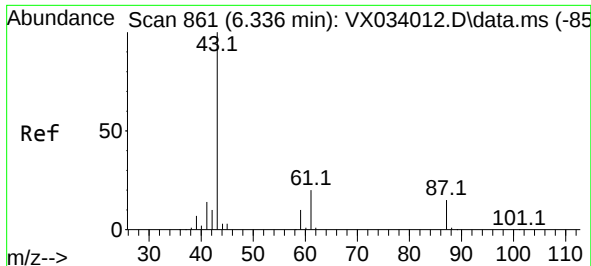
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#42
1,2-Dichloroethane
Concen: 46.163 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

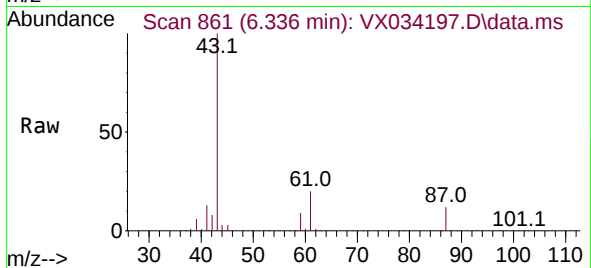
Tgt Ion: 62 Resp: 293974
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.2





#43
Isopropyl Acetate
Concen: 47.445 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

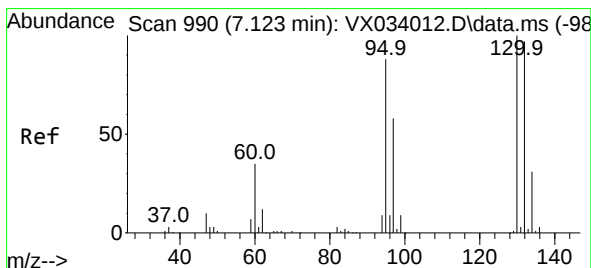
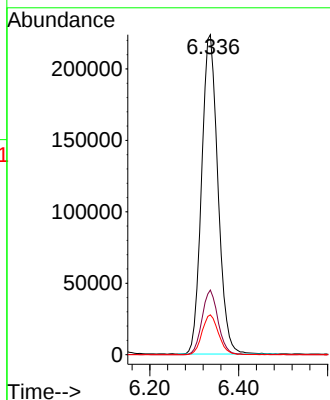
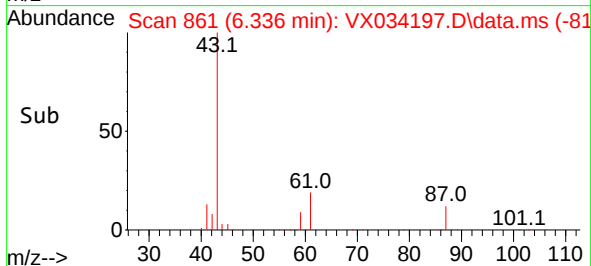
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 57170
Ion Ratio Lower Upper
43 100
61 19.9 15.7 23.5
87 12.6 10.6 15.8

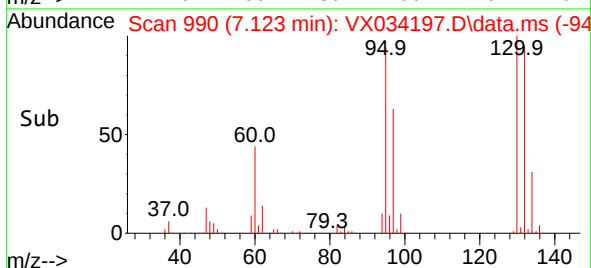
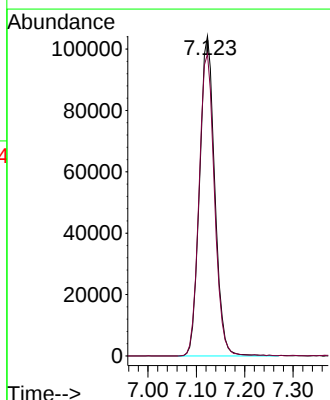
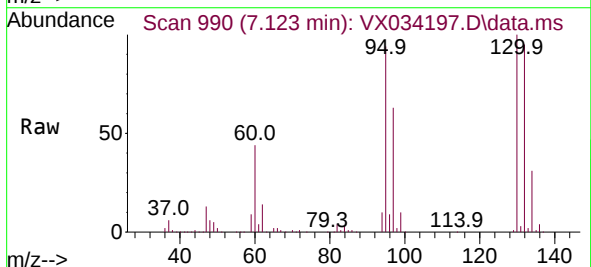
Manual Integrations
APPROVED

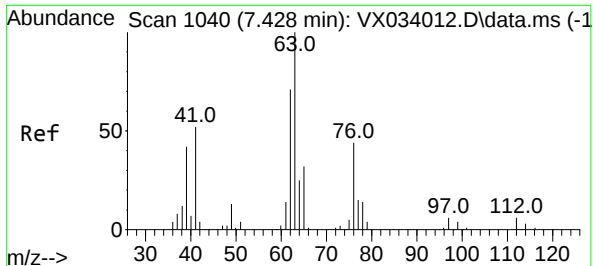
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#44
Trichloroethene
Concen: 48.769 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Tgt Ion:130 Resp: 226606
Ion Ratio Lower Upper
130 100
95 94.4 0.0 182.6





#45

1,2-Dichloropropane

Concen: 48.458 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 233570

Ion Ratio Lower Upper

63 100

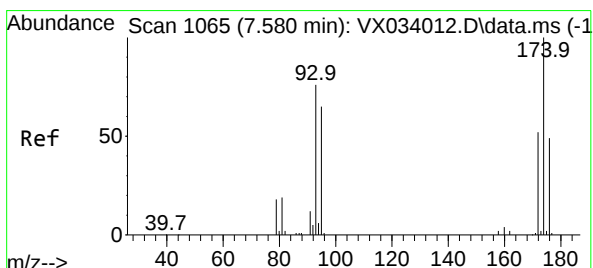
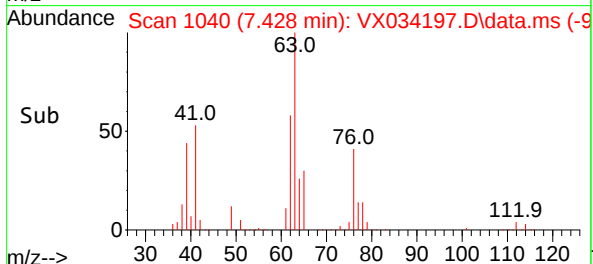
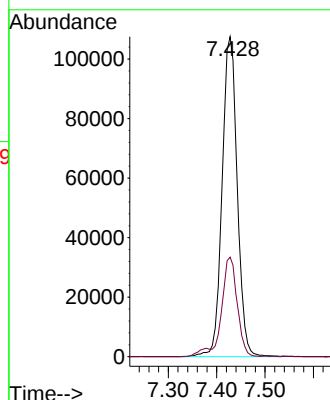
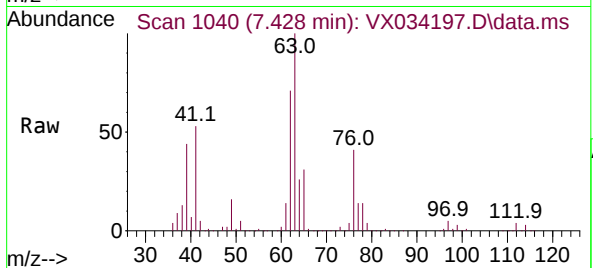
65 31.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/22/2023



#46

Dibromomethane

Concen: 47.295 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

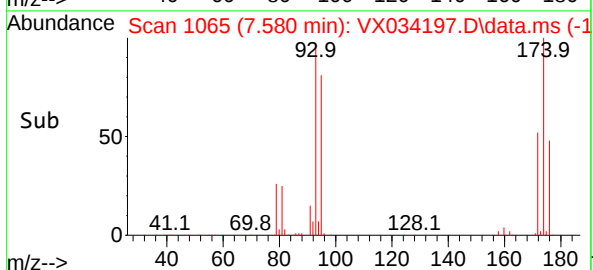
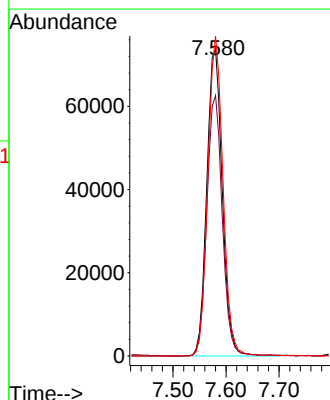
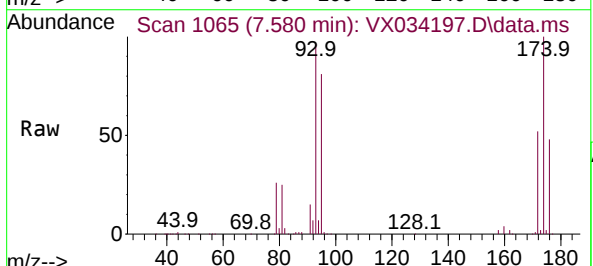
Tgt Ion: 93 Resp: 150029

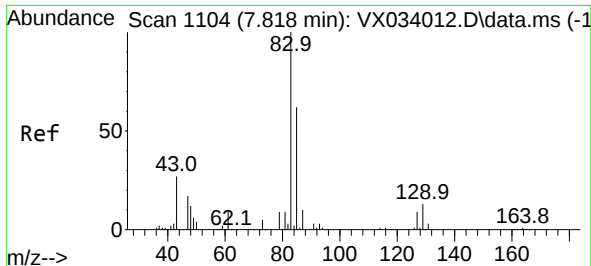
Ion Ratio Lower Upper

93 100

95 84.6 67.6 101.4

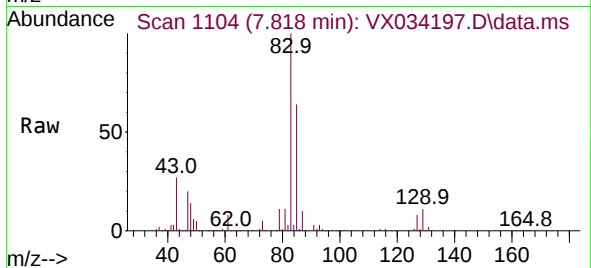
174 101.7 97.4 146.0





#47
Bromodichloromethane
Concen: 47.336 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

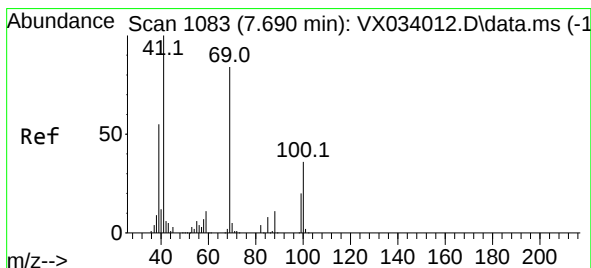
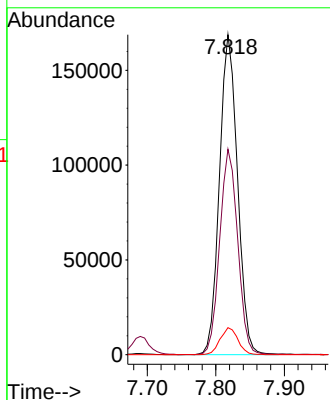
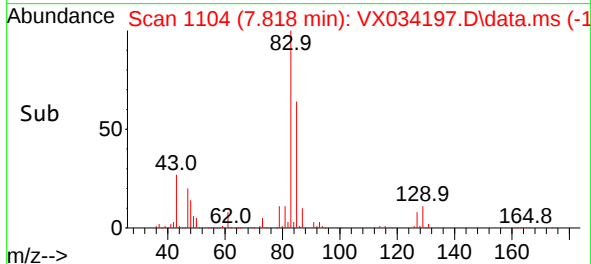
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 308159
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.5 7.0 10.4

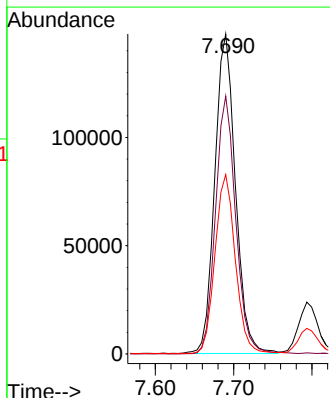
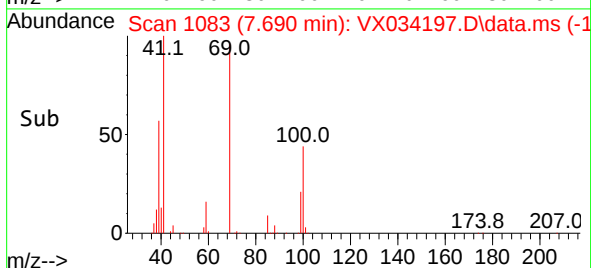
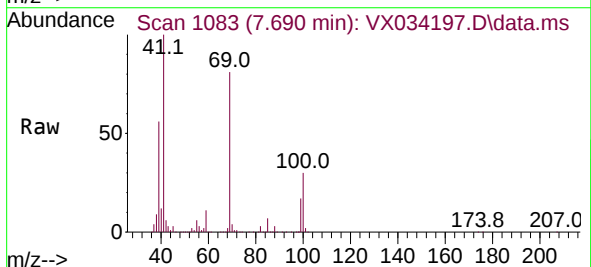
Manual Integrations
APPROVED

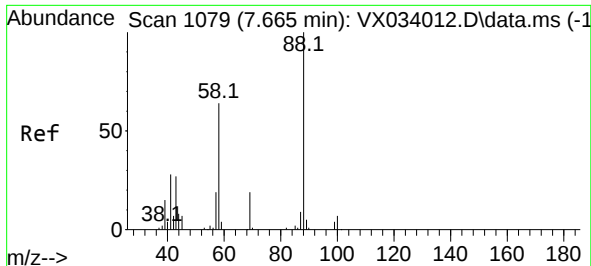
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#48
Methyl methacrylate
Concen: 47.311 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Tgt Ion: 41 Resp: 270582
Ion Ratio Lower Upper
41 100
69 79.6 63.1 94.7
39 55.4 43.2 64.8





#49

1,4-Dioxane

Concen: 912.772 ug/l

RT: 7.653 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 104120

Ion Ratio Lower Upper

88 100

43 34.3 0.0 0.0

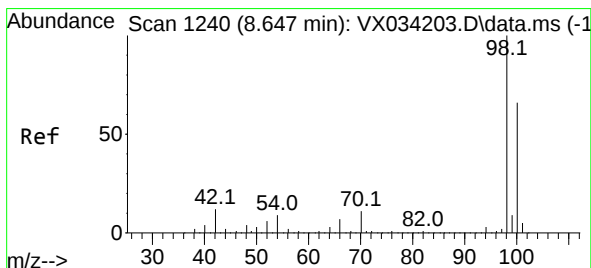
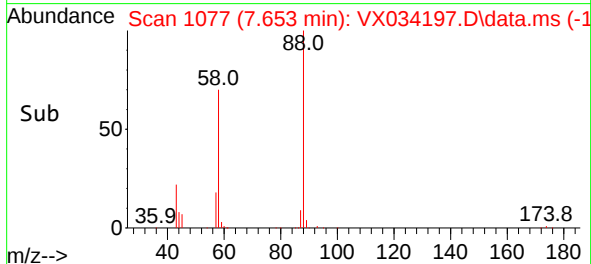
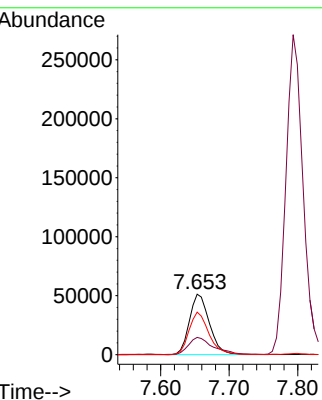
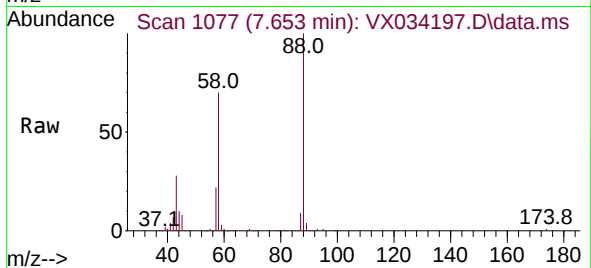
58 69.9 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/22/2023



#50

Toluene-d8

Concen: 52.766 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034197.D

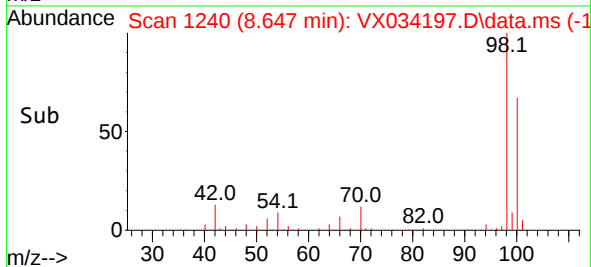
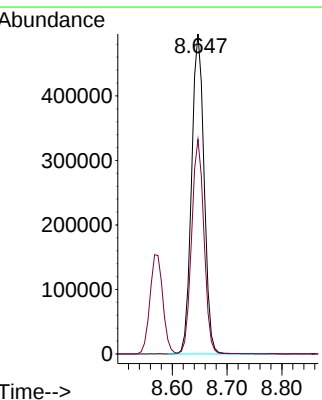
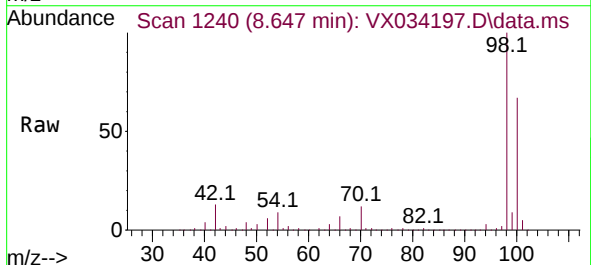
Acq: 21 Feb 2023 09:02

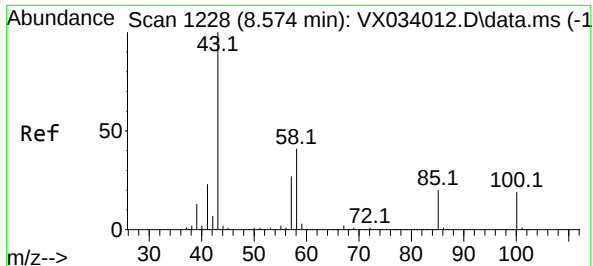
Tgt Ion: 98 Resp: 782674

Ion Ratio Lower Upper

98 100

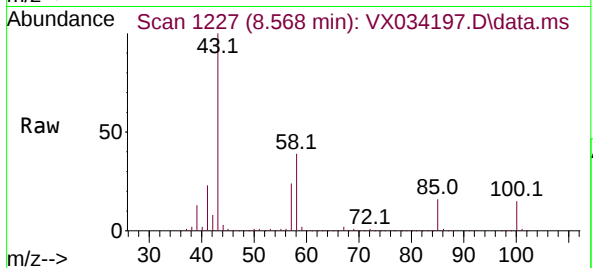
100 66.1 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 255.341 ug/l
RT: 8.568 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

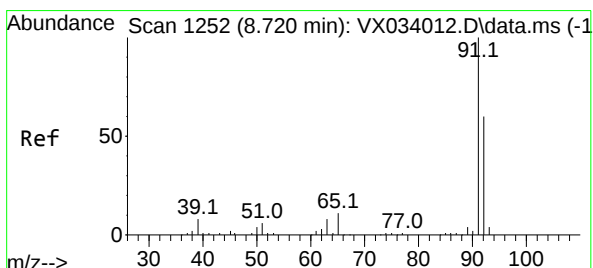
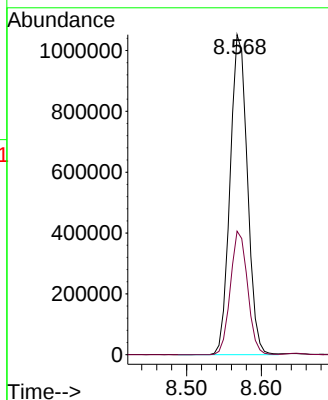
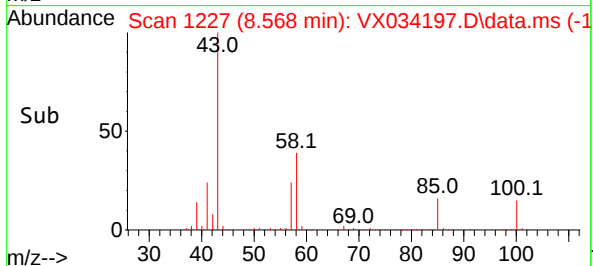
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



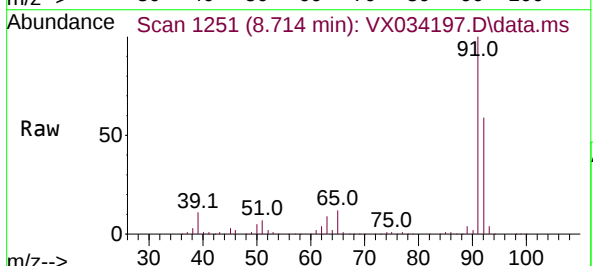
Tgt Ion: 43 Resp: 1692794
Ion Ratio Lower Upper
43 100
58 38.2 31.2 46.8

Manual Integrations
APPROVED

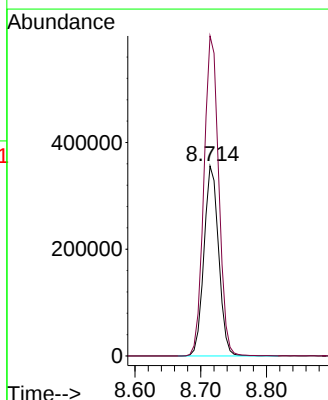
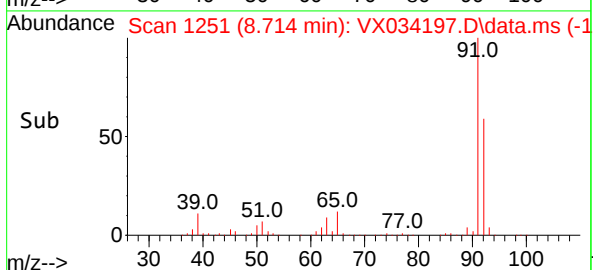
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023

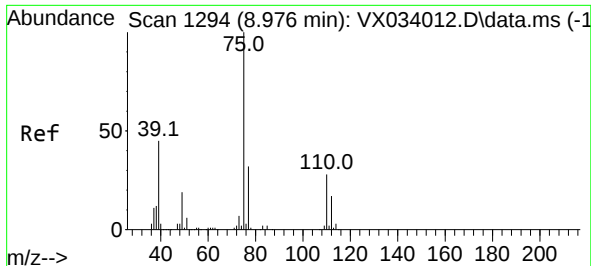


#52
Toluene
Concen: 50.326 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02



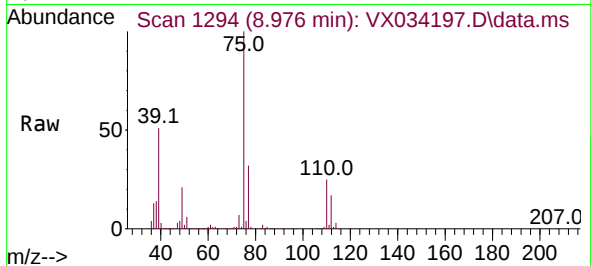
Tgt Ion: 92 Resp: 552142
Ion Ratio Lower Upper
92 100
91 170.7 135.5 203.3





#53
t-1,3-Dichloropropene
Concen: 49.375 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

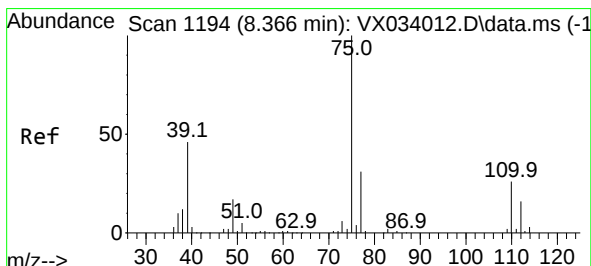
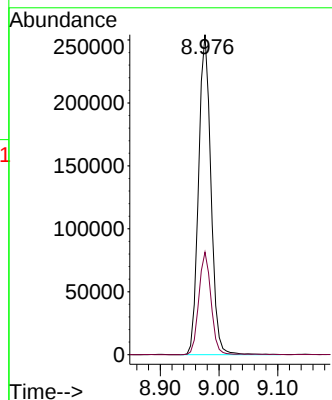
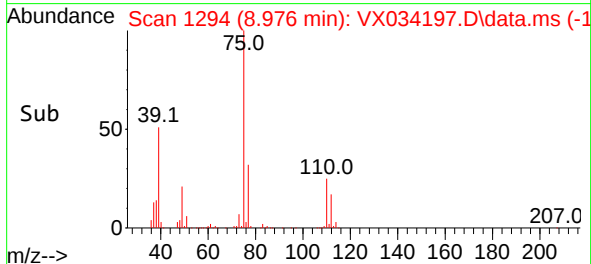
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



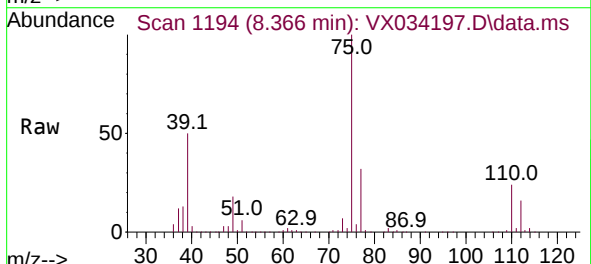
Tgt Ion: 75 Resp: 36999
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3

Manual Integrations
APPROVED

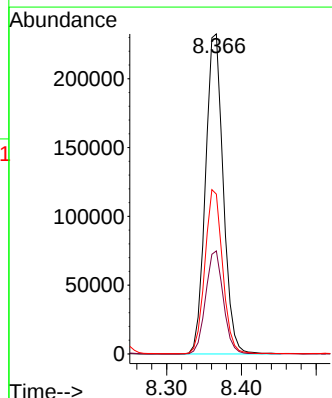
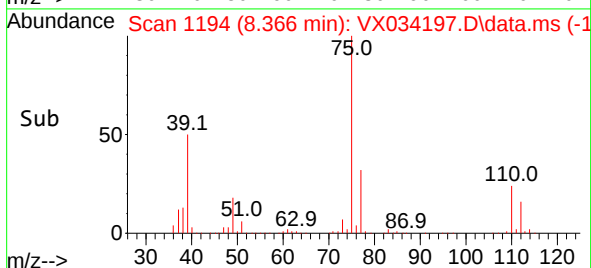
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023

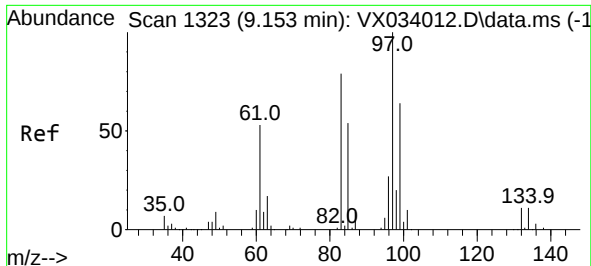


#54
cis-1,3-Dichloropropene
Concen: 47.774 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02



Tgt Ion: 75 Resp: 383248
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.6
39 49.8 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 50.365 ug/l

RT: 9.147 min Scan# 1323

Delta R.T. -0.006 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 22303

Ion Ratio Lower Upper

97 100

83 85.9 67.4 101.0

85 55.6 43.2 64.8

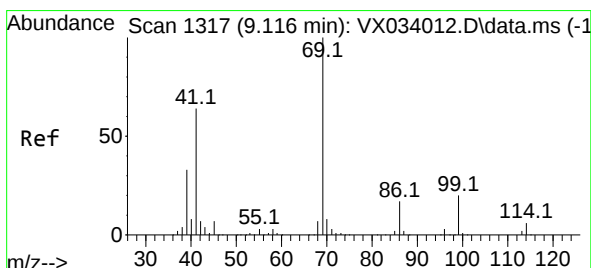
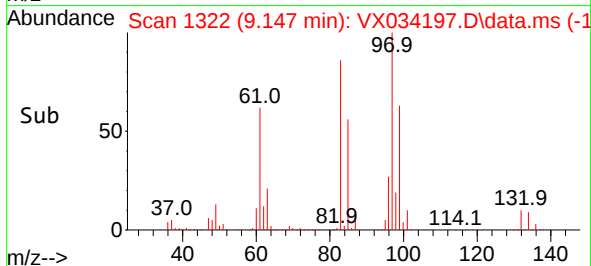
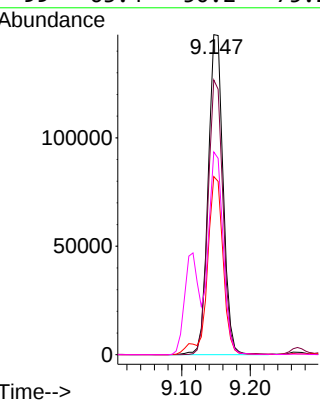
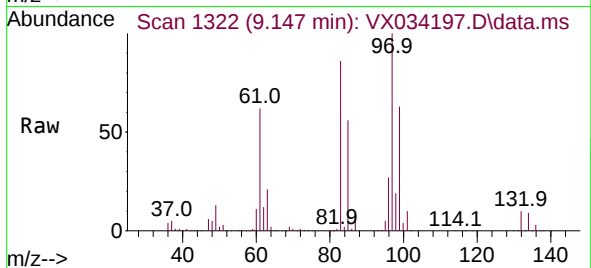
99 63.4 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/22/2023



#56

Ethyl methacrylate

Concen: 50.300 ug/l

RT: 9.110 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

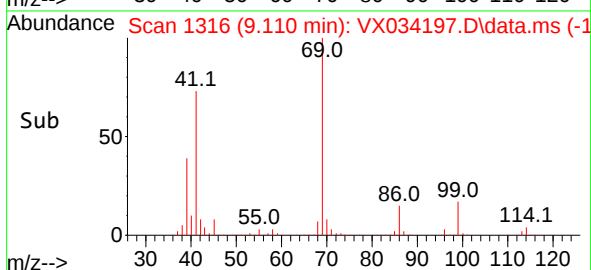
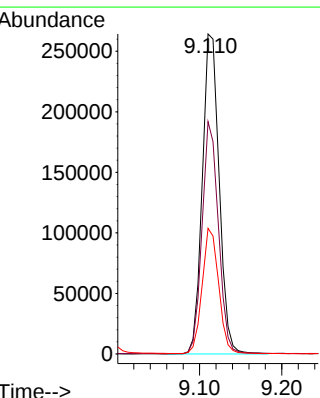
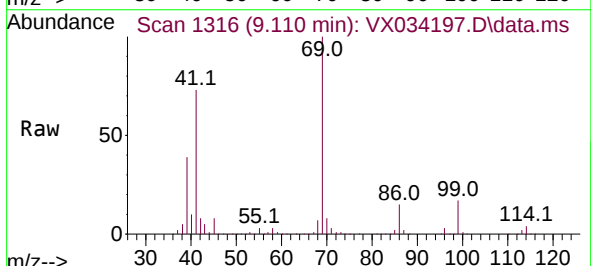
Tgt Ion: 69 Resp: 376822

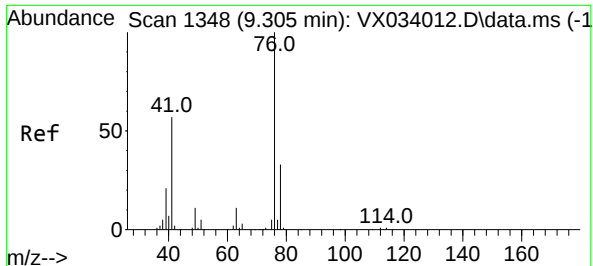
Ion Ratio Lower Upper

69 100

41 70.3 55.1 82.7

39 38.3 28.5 42.7





#57

1,3-Dichloropropane

Concen: 49.626 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 38235

Ion Ratio Lower Upper

76 100

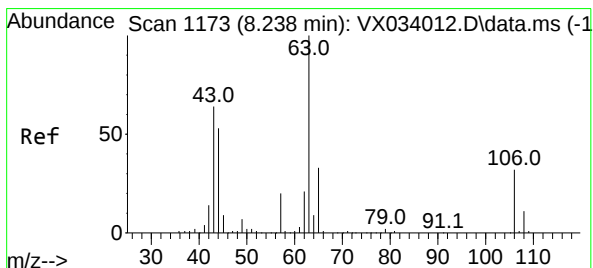
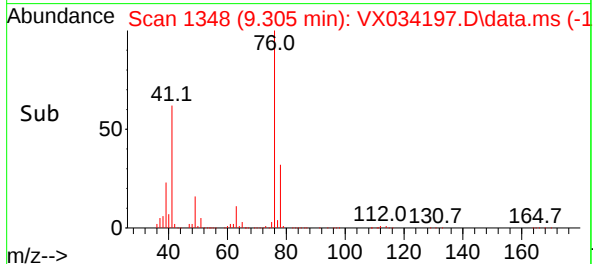
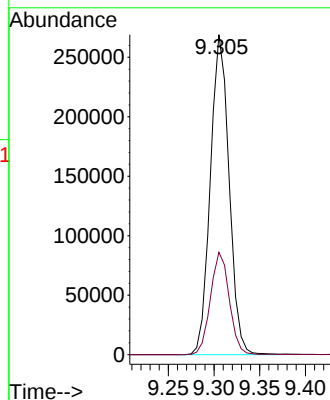
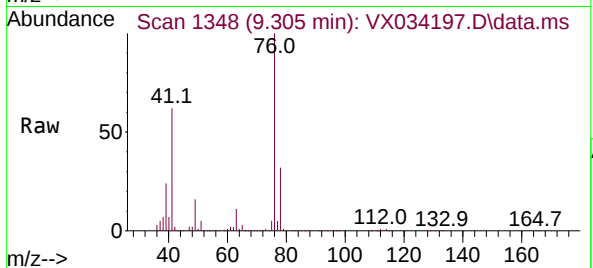
78 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 254.645 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034197.D

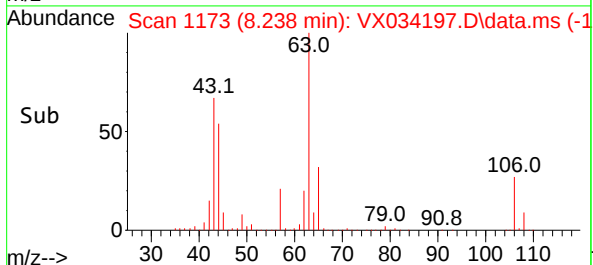
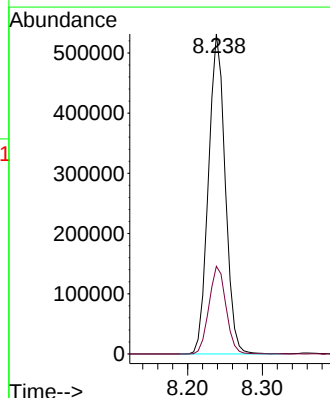
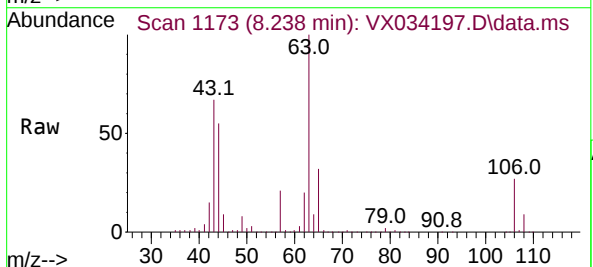
Acq: 21 Feb 2023 09:02

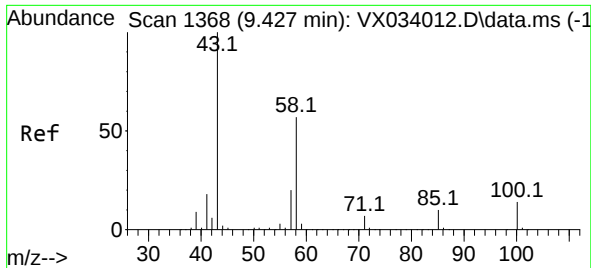
Tgt Ion: 63 Resp: 826381

Ion Ratio Lower Upper

63 100

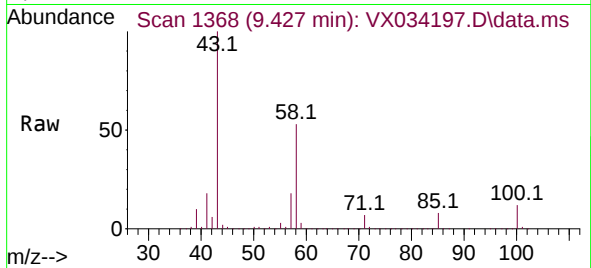
106 27.8 24.5 36.7





#59
2-Hexanone
Concen: 262.858 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

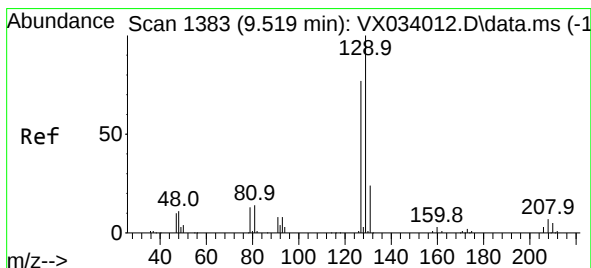
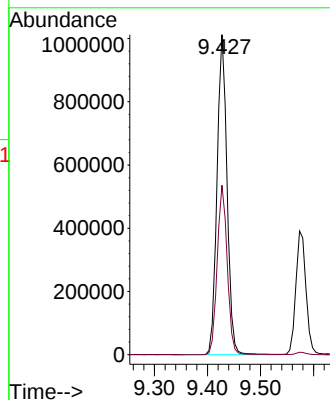
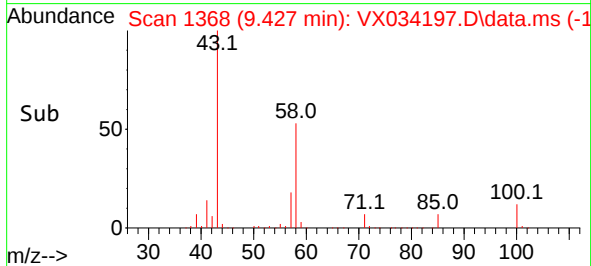
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



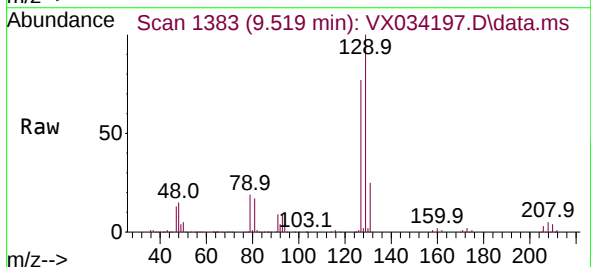
Tgt Ion: 43 Resp: 132806
Ion Ratio Lower Upper
43 100
58 53.1 27.4 82.0

Manual Integrations
APPROVED

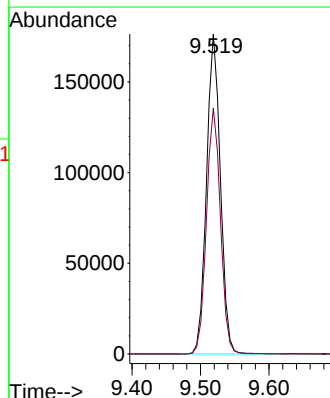
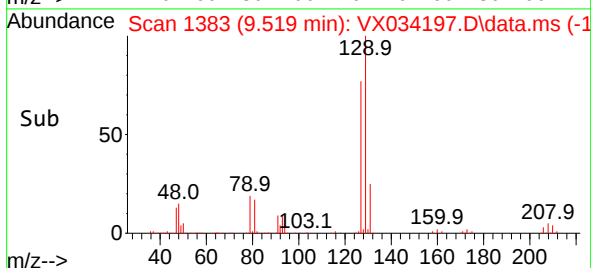
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023

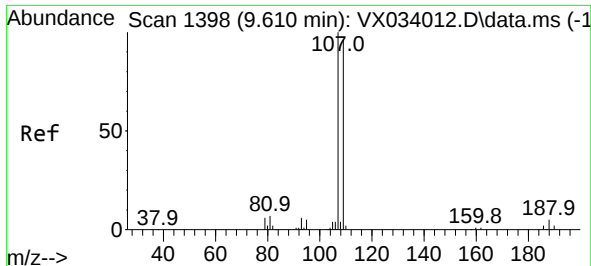


#60
Dibromochloromethane
Concen: 50.793 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02



Tgt Ion:129 Resp: 248537
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





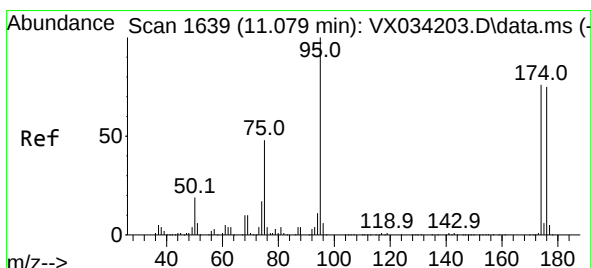
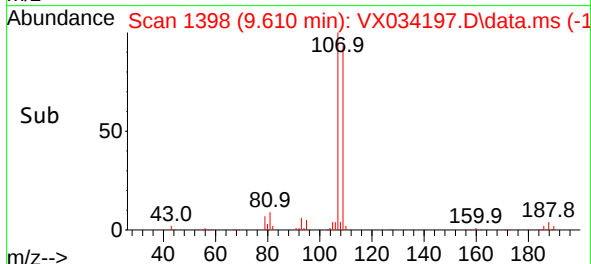
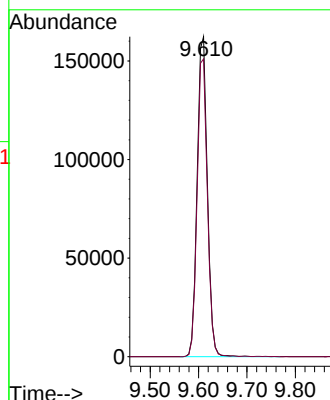
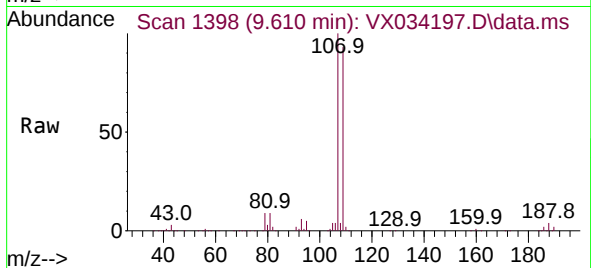
#61
1,2-Dibromoethane
Concen: 50.709 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 237493
Ion Ratio Lower Upper
107 100
109 93.5 74.2 111.2

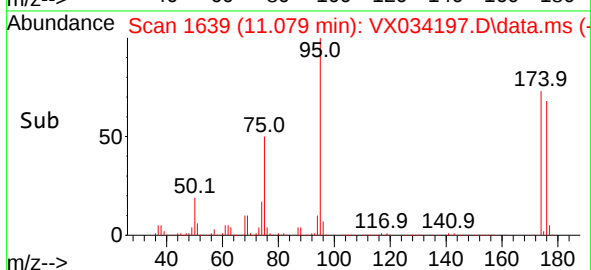
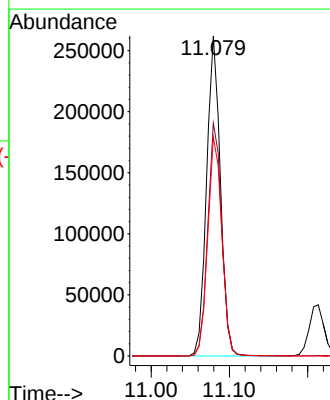
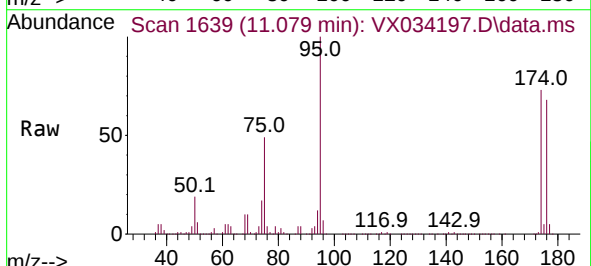
Manual Integrations
APPROVED

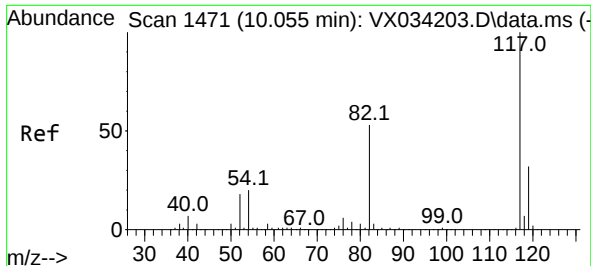
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#62
4-Bromofluorobenzene
Concen: 56.128 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

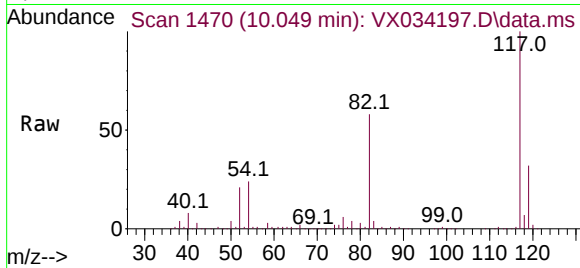
Tgt Ion: 95 Resp: 318453
Ion Ratio Lower Upper
95 100
174 74.1 0.0 184.4
176 70.1 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

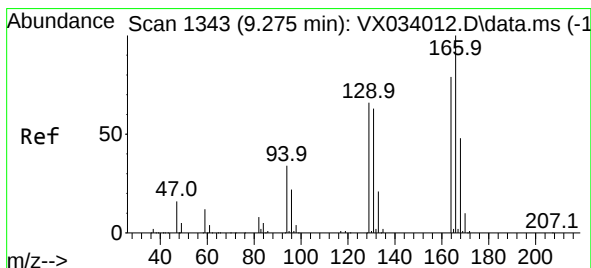
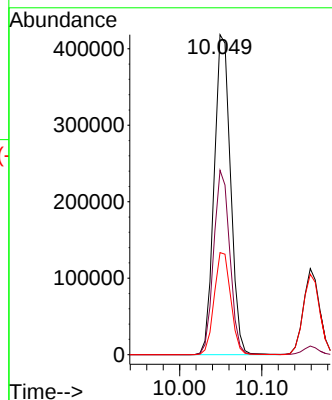
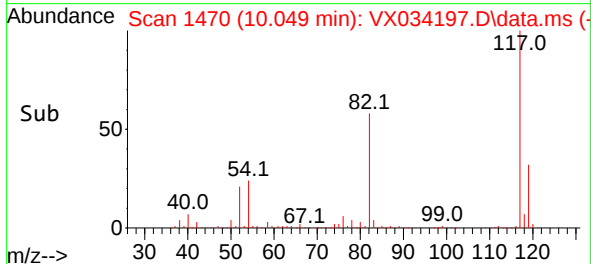
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 579238
Ion Ratio Lower Upper
117 100
82 57.6 40.6 60.8
119 31.9 25.6 38.4

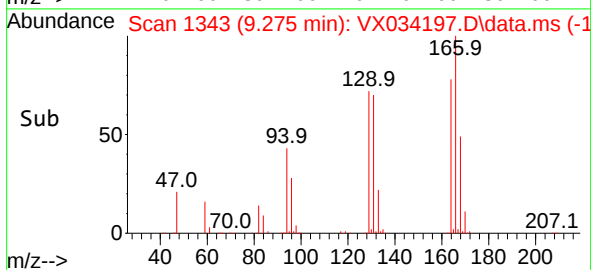
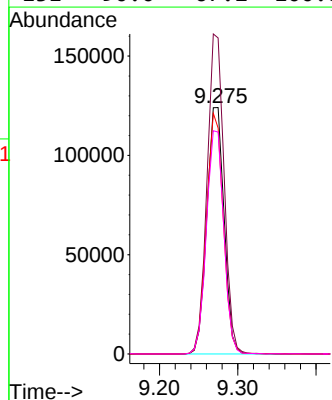
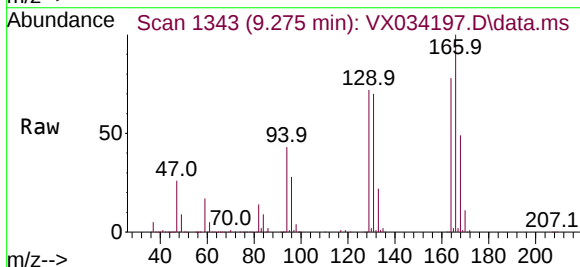
Manual Integrations
APPROVED

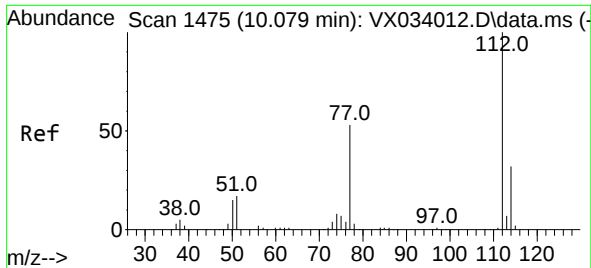
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#64
Tetrachloroethene
Concen: 46.387 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Tgt Ion:164 Resp: 189638
Ion Ratio Lower Upper
164 100
166 128.2 100.2 150.2
129 91.7 69.2 103.8
131 90.0 67.2 100.8





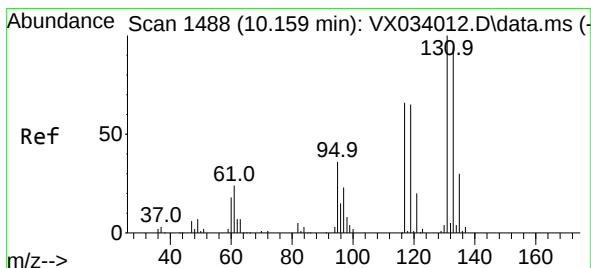
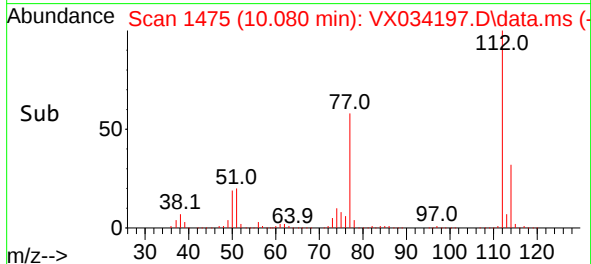
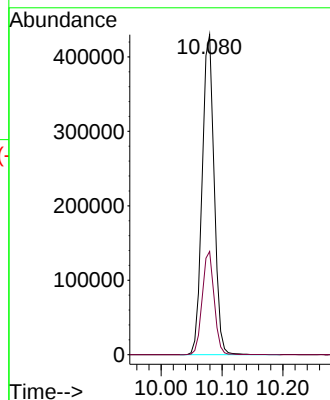
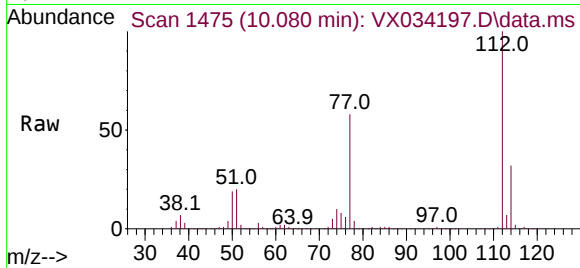
#65
Chlorobenzene
Concen: 48.669 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 587638
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4

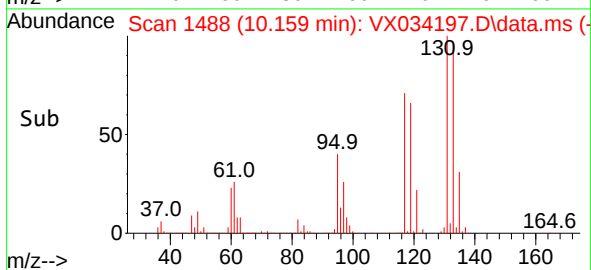
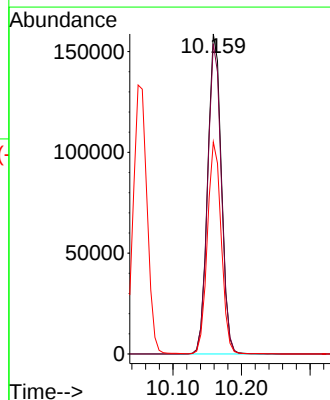
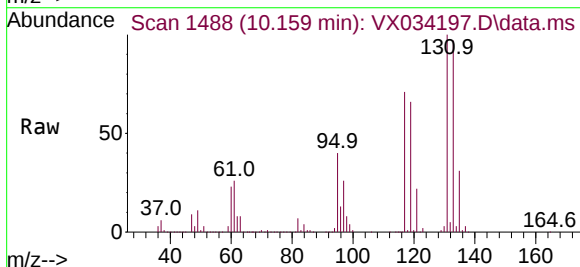
Manual Integrations
APPROVED

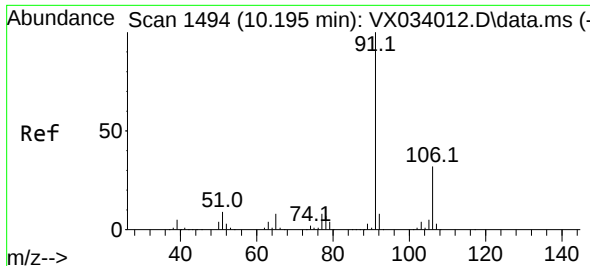
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.382 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

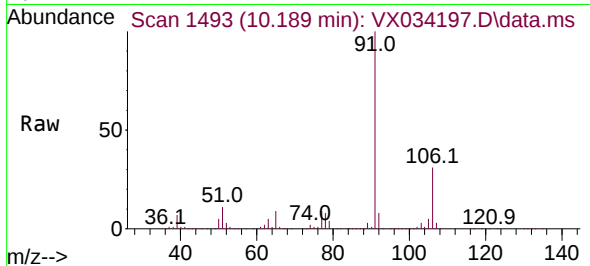
Tgt Ion:131 Resp: 221474
Ion Ratio Lower Upper
131 100
133 96.9 48.4 145.0
119 66.5 31.9 95.7





#67
Ethyl Benzene
Concen: 49.268 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

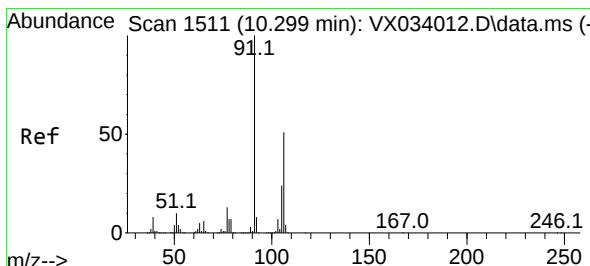
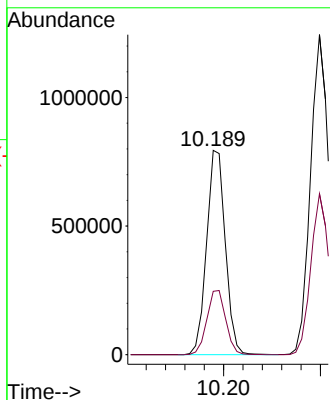
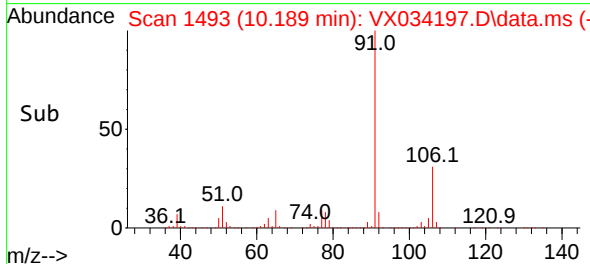
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



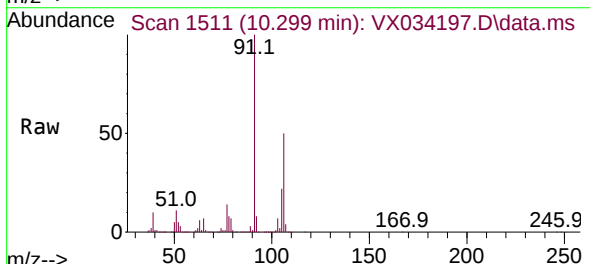
Tgt Ion: 91 Resp: 1068712
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.8

Manual Integrations
APPROVED

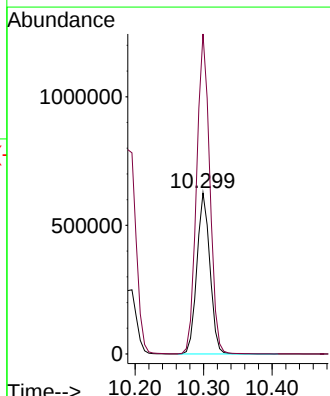
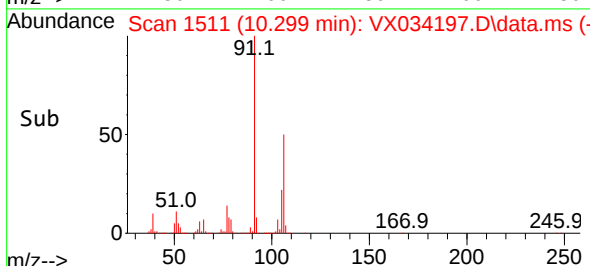
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023

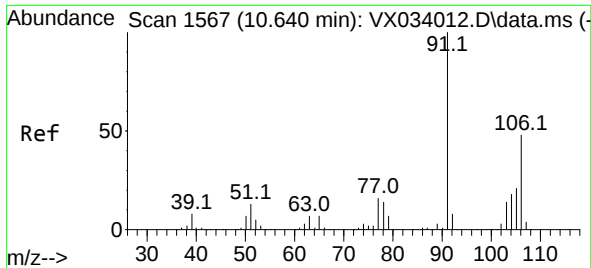


#68
m/p-Xylenes
Concen: 99.758 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02



Tgt Ion:106 Resp: 828109
Ion Ratio Lower Upper
106 100
91 201.1 156.4 234.6





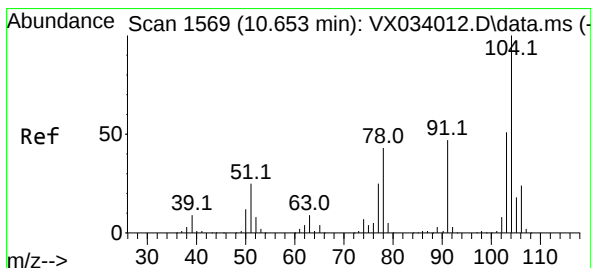
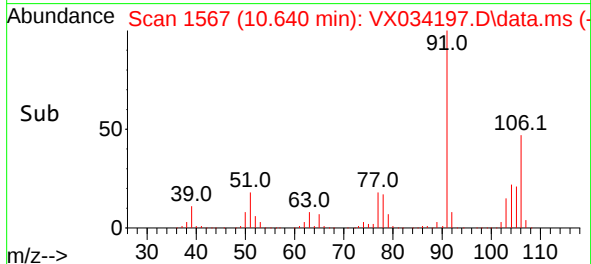
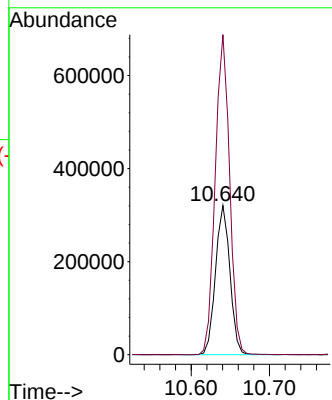
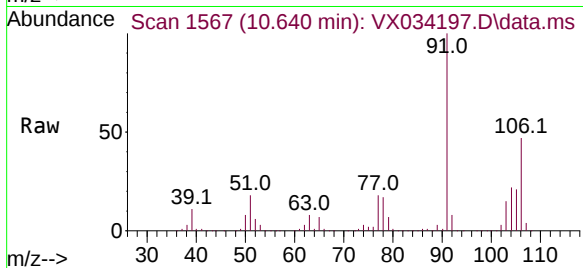
#69
o-Xylene
Concen: 49.633 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 410170
Ion Ratio Lower Upper
106 100
91 214.4 103.1 309.3

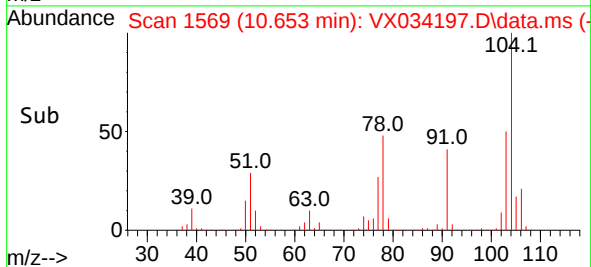
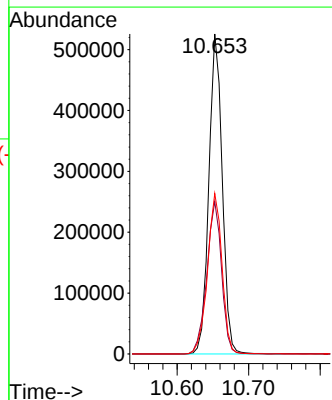
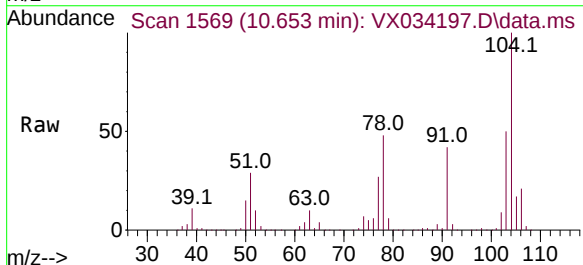
Manual Integrations
APPROVED

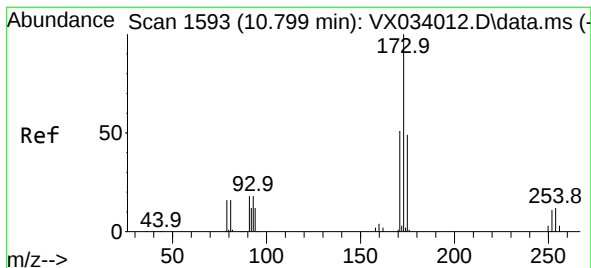
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#70
Styrene
Concen: 50.922 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Tgt Ion:104 Resp: 684430
Ion Ratio Lower Upper
104 100
78 52.6 37.5 56.3
103 54.5 43.3 64.9





#71

Bromoform

Concen: 49.536 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 188999

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.3

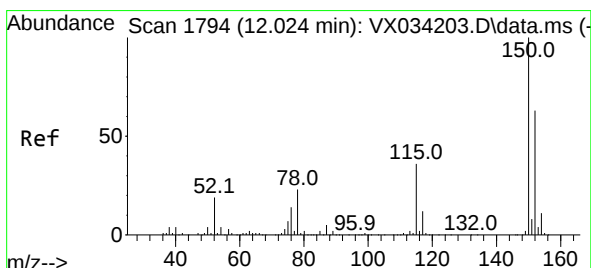
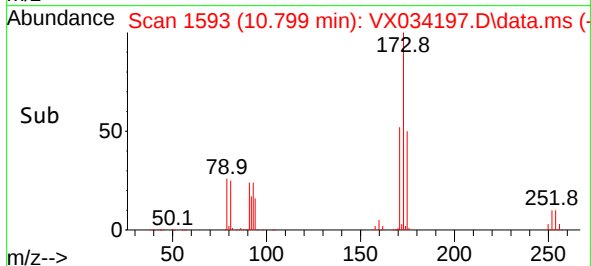
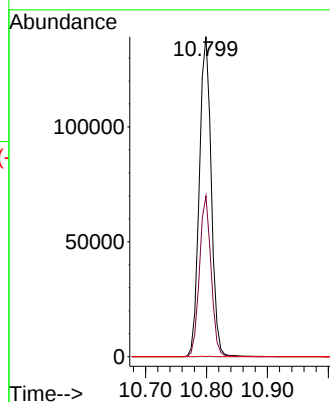
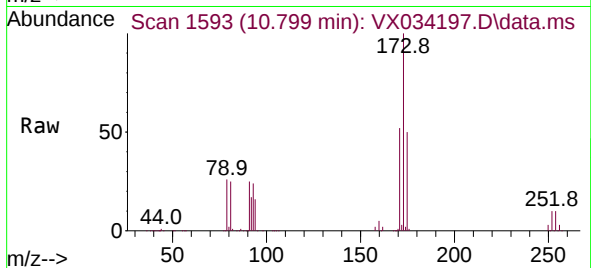
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

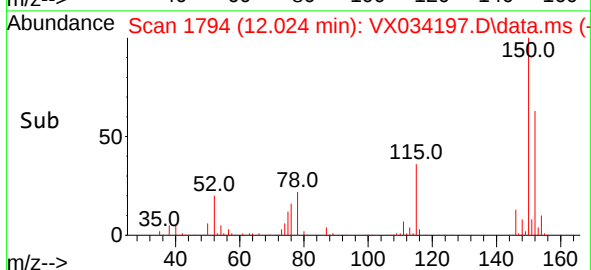
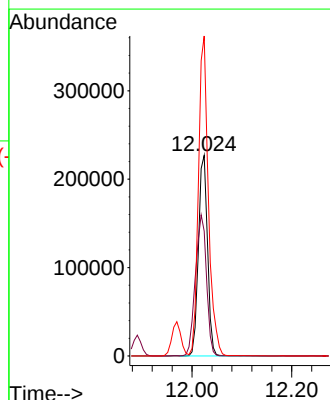
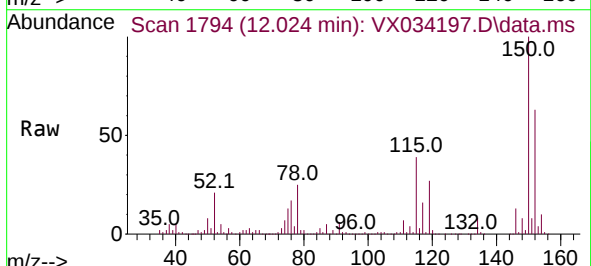
Tgt Ion:152 Resp: 285850

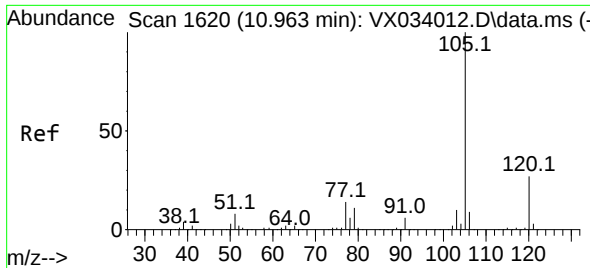
Ion Ratio Lower Upper

152 100

115 86.1 38.7 116.1

150 175.1 0.0 348.2





#73
Isopropylbenzene
Concen: 48.604 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Instrument :

MSVOA_X

ClientSampleId :

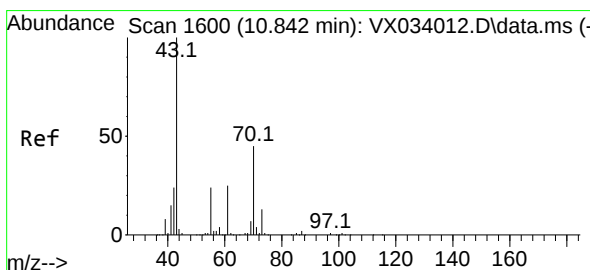
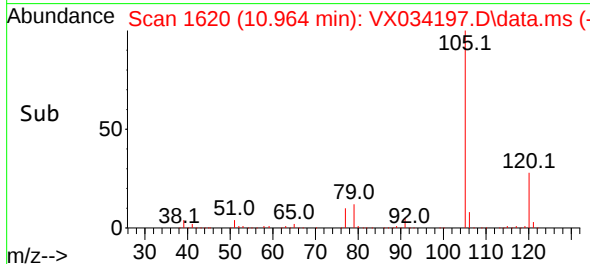
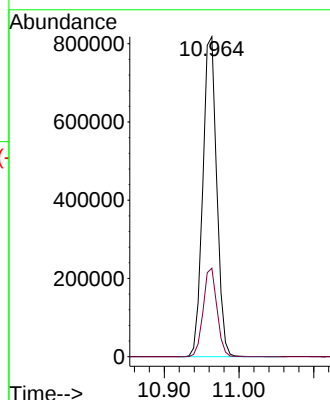
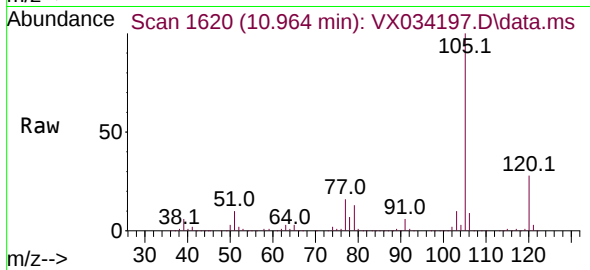
VSTDCCC050

Tgt Ion:105 Resp: 1058860
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.8

Manual Integrations

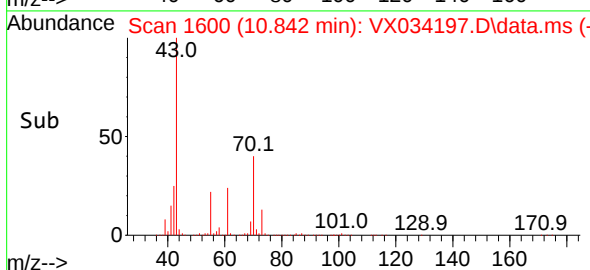
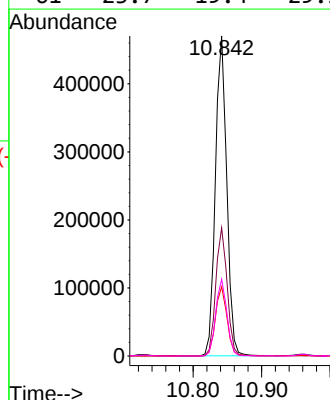
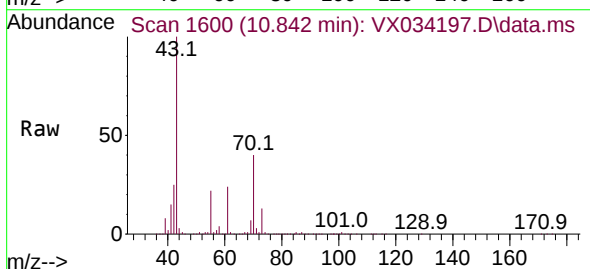
APPROVED

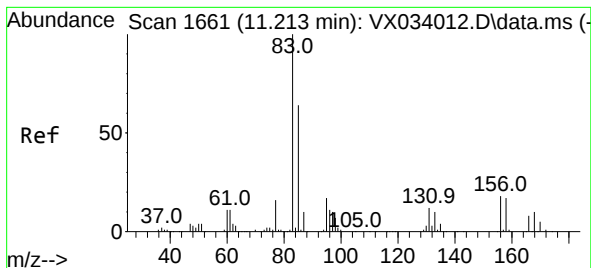
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#74
N-ethyl acetate
Concen: 49.345 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

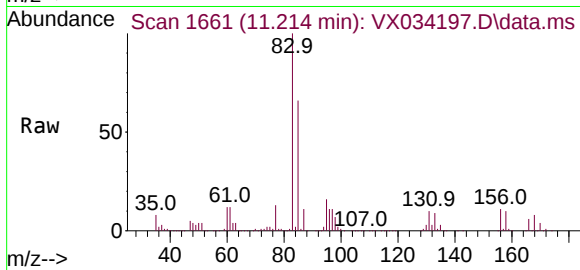
Tgt Ion: 43 Resp: 540066
Ion Ratio Lower Upper
43 100
70 40.1 34.8 52.2
55 22.0 19.4 29.0
61 23.7 19.4 29.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.549 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

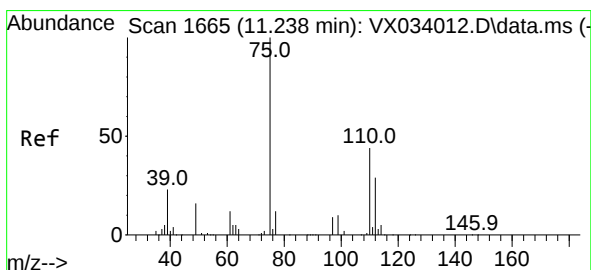
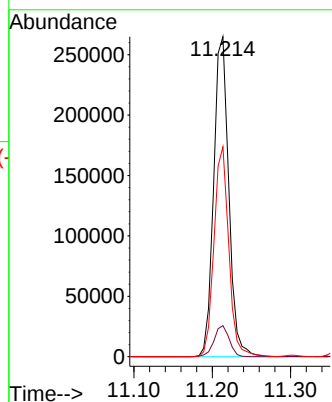
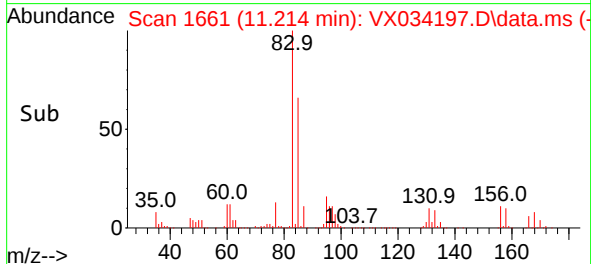
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



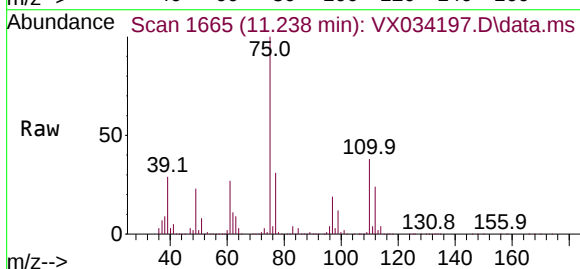
Tgt Ion: 83 Resp: 354290
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.7
85 64.4 32.3 96.9

Manual Integrations
APPROVED

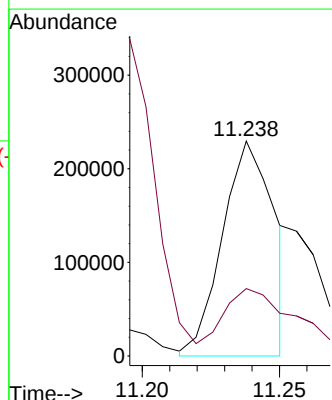
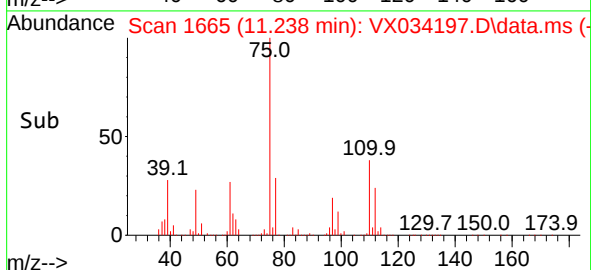
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023

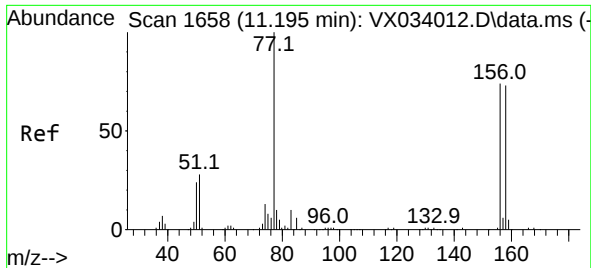


#76
1,2,3-Trichloropropane
Concen: 41.962 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02



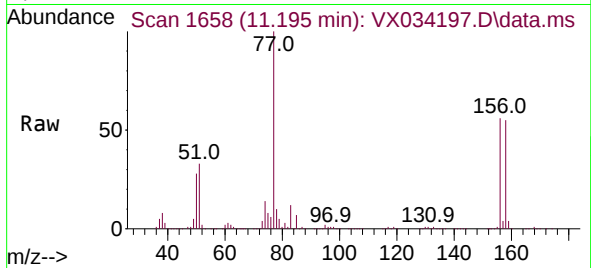
Tgt Ion: 75 Resp: 301824
Ion Ratio Lower Upper
75 100
77 44.3 21.8 65.4





#77
Bromobenzene
Concen: 47.901 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

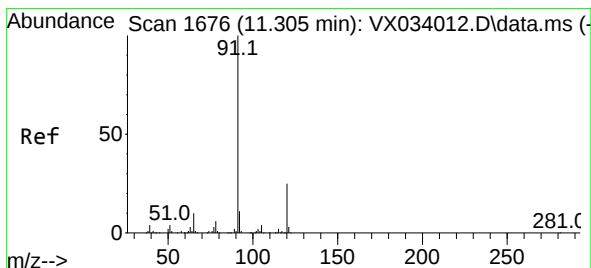
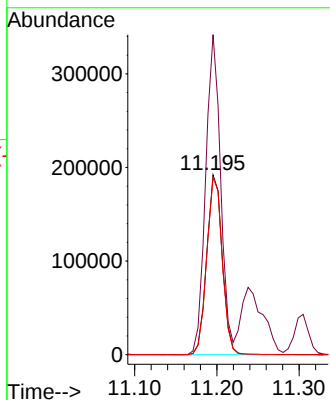
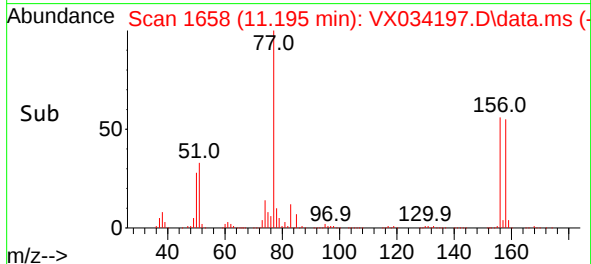
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



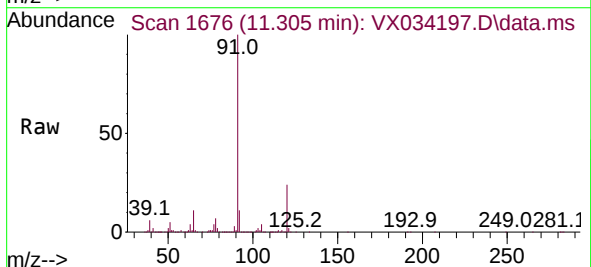
Tgt Ion:156 Resp: 251129
Ion Ratio Lower Upper
156 100
77 172.3 68.1 204.3
158 98.2 48.0 144.2

Manual Integrations
APPROVED

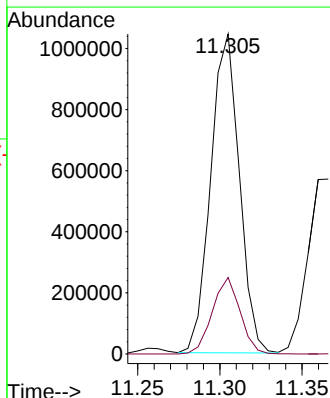
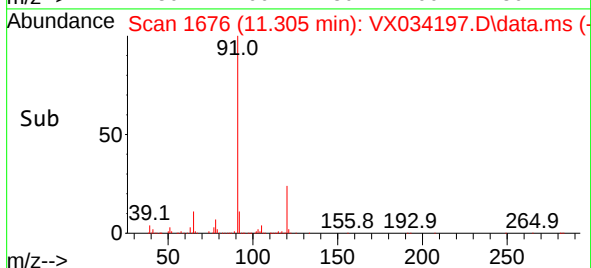
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023

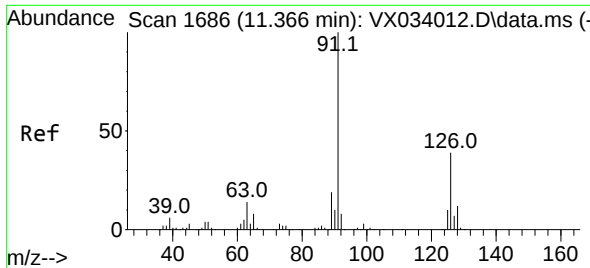


#78
n-propylbenzene
Concen: 49.936 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02



Tgt Ion: 91 Resp: 1265209
Ion Ratio Lower Upper
91 100
120 23.2 12.3 36.8





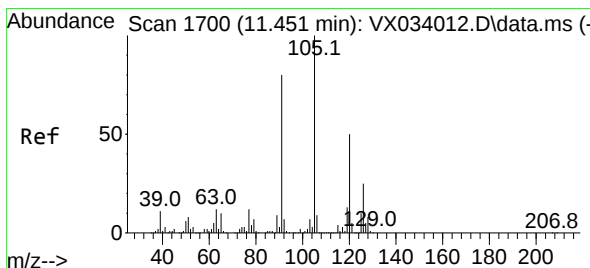
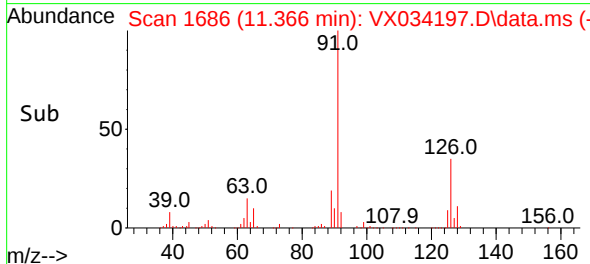
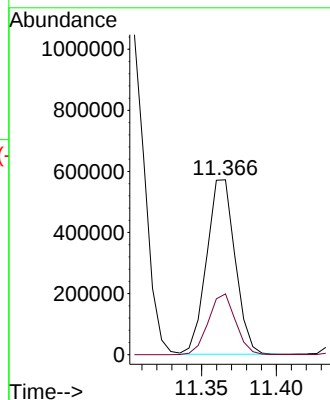
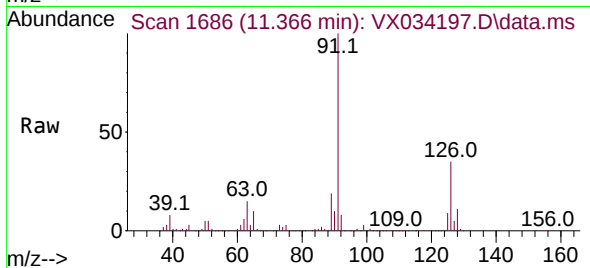
#79
2-Chlorotoluene
Concen: 48.834 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 758679
Ion Ratio Lower Upper
91 100
126 33.2 18.1 54.1

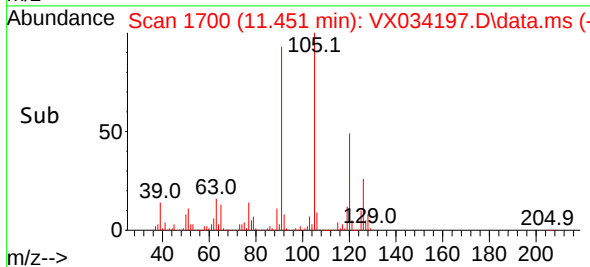
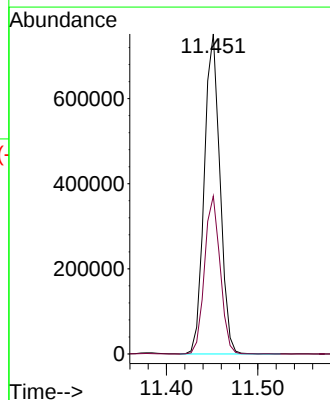
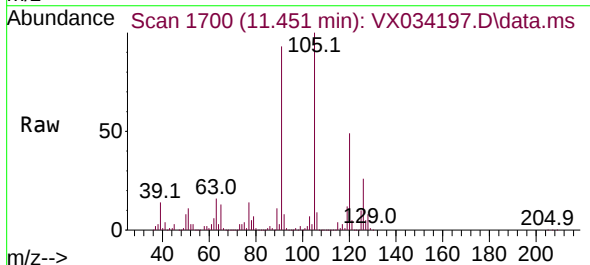
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.788 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

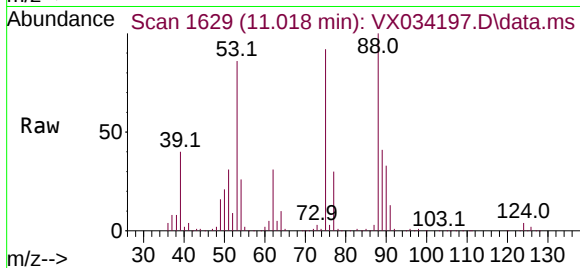
Tgt Ion:105 Resp: 893614
Ion Ratio Lower Upper
105 100
120 49.0 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 46.585 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

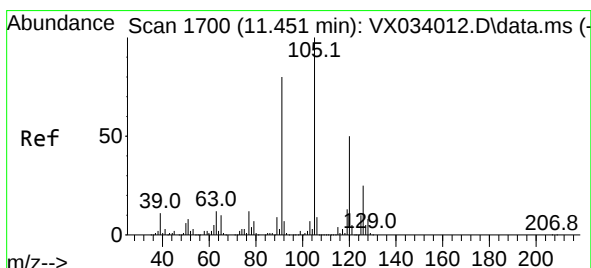
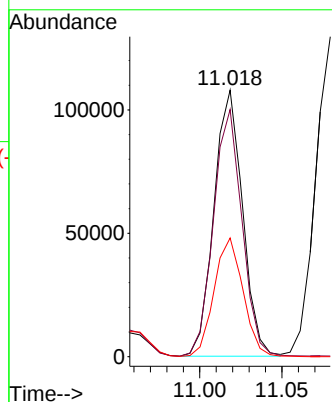
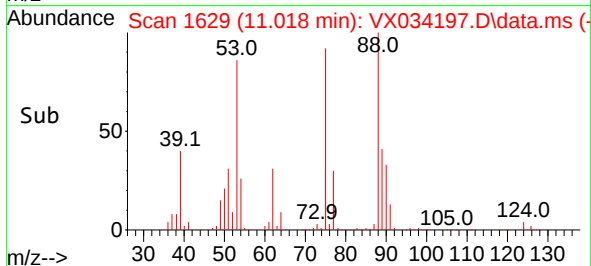
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 130430
Ion Ratio Lower Upper
75 100
53 93.8 83.0 124.6
89 45.2 37.7 56.5

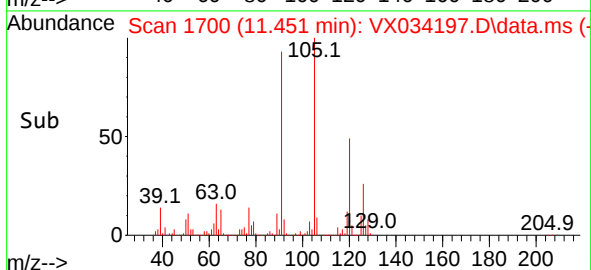
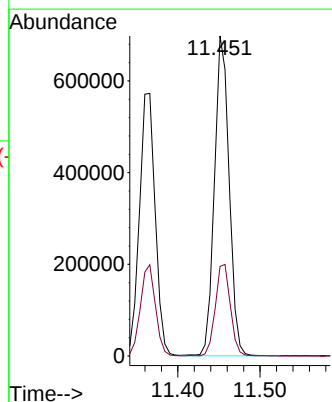
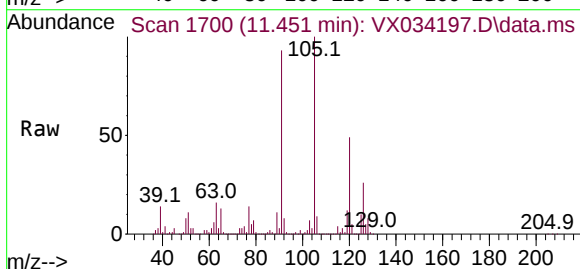
Manual Integrations
APPROVED

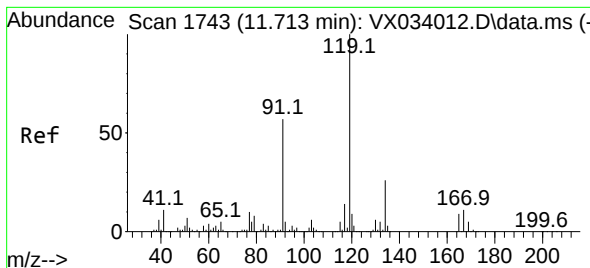
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#82
4-Chlorotoluene
Concen: 48.968 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

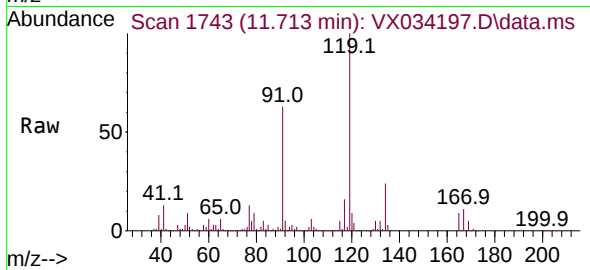
Tgt Ion: 91 Resp: 866497
Ion Ratio Lower Upper
91 100
126 29.4 15.8 47.4





#83
tert-Butylbenzene
Concen: 47.729 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

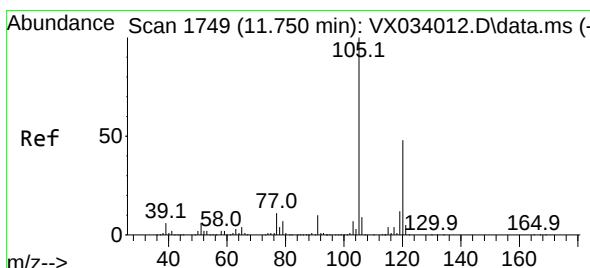
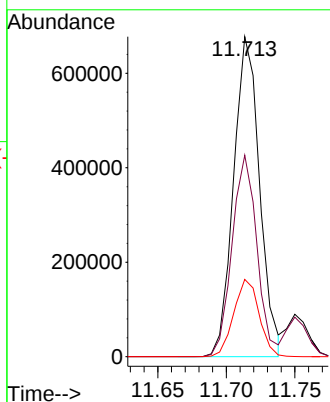
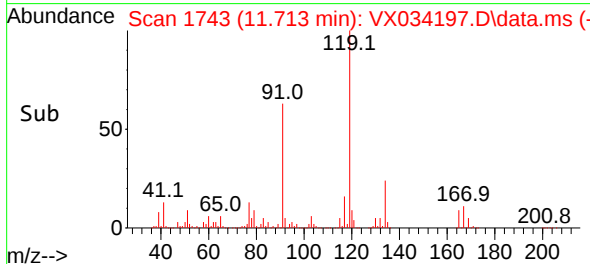
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



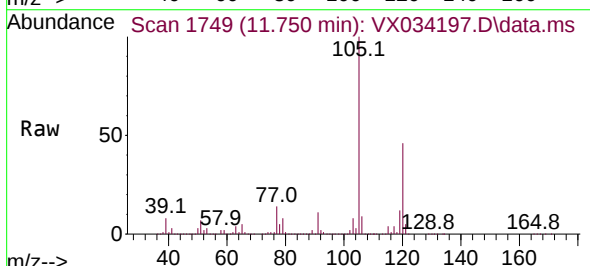
Tgt Ion:119 Resp: 89535
Ion Ratio Lower Upper
119 100
91 60.2 26.9 80.7
134 23.6 12.3 36.8

Manual Integrations
APPROVED

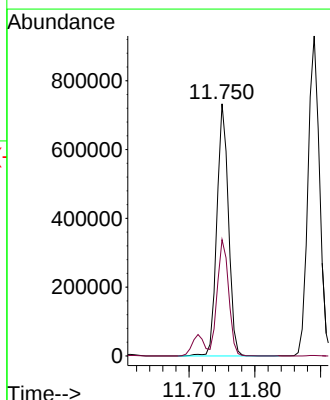
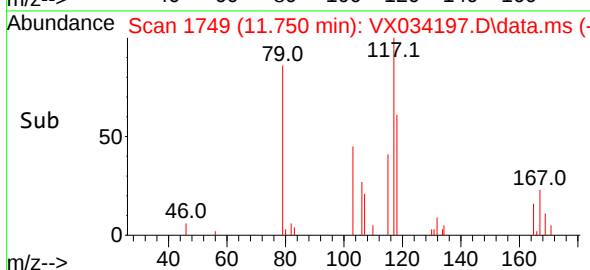
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023

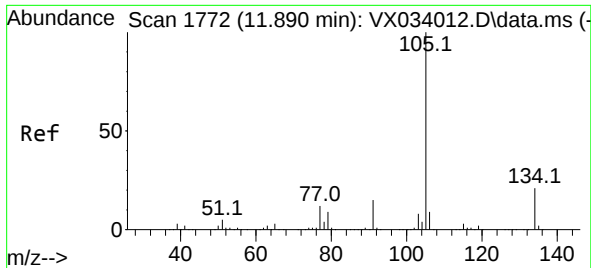


#84
1,2,4-Trimethylbenzene
Concen: 48.232 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02



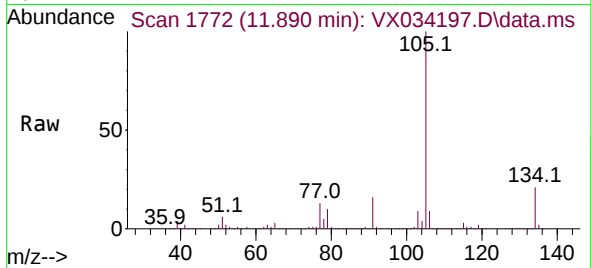
Tgt Ion:105 Resp: 893223
Ion Ratio Lower Upper
105 100
120 45.4 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 49.871 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034197.D
 Acq: 21 Feb 2023 09:02

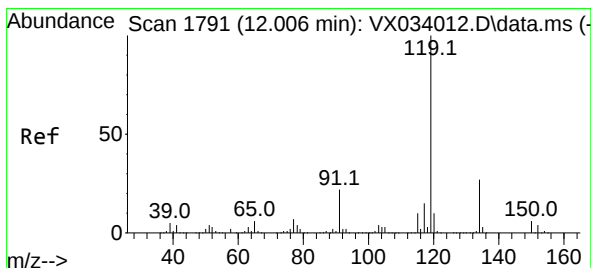
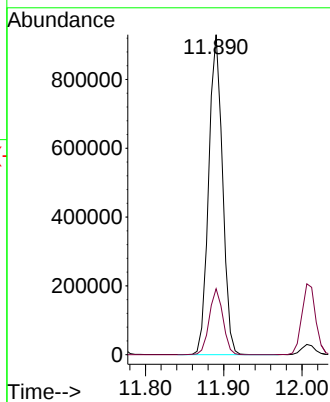
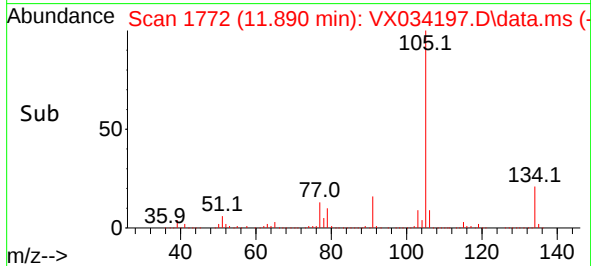
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



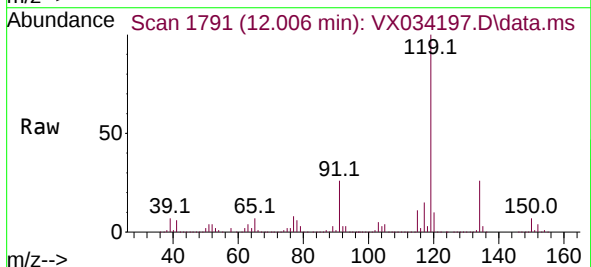
Tgt Ion:105 Resp: 113608
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.8 32.3

Manual Integrations
 APPROVED

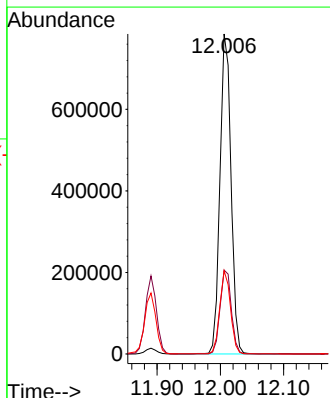
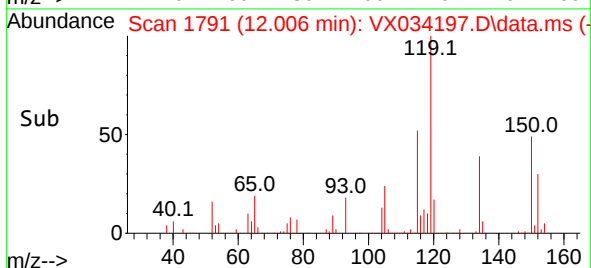
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/22/2023

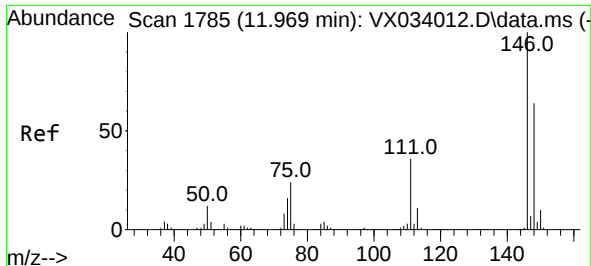


#86
 p-Isopropyltoluene
 Concen: 50.186 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX034197.D
 Acq: 21 Feb 2023 09:02



Tgt Ion:119 Resp: 946167
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.8
 91 25.2 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 49.269 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 484424

Ion Ratio Lower Upper

146 100

111 41.5 18.6 55.6

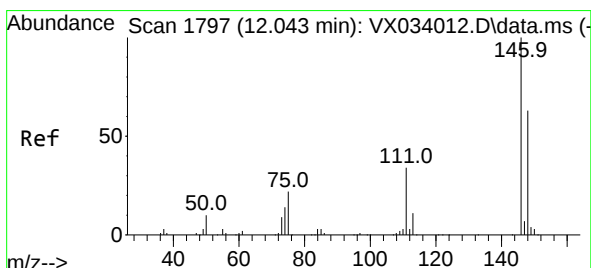
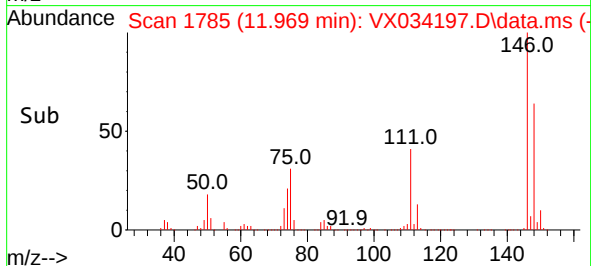
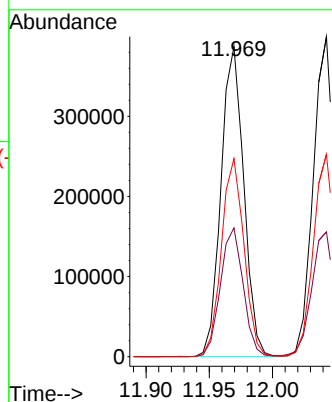
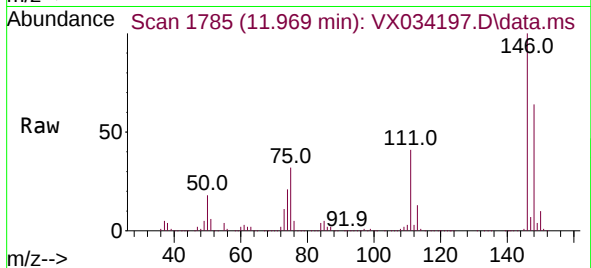
148 63.2 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/22/2023



#88

1,4-Dichlorobenzene

Concen: 48.704 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

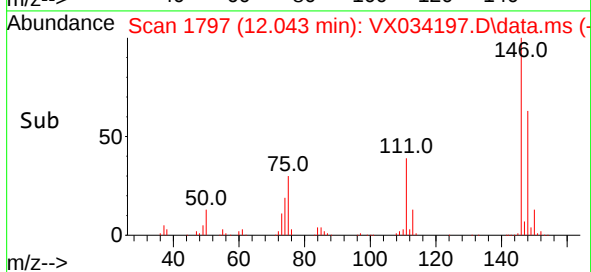
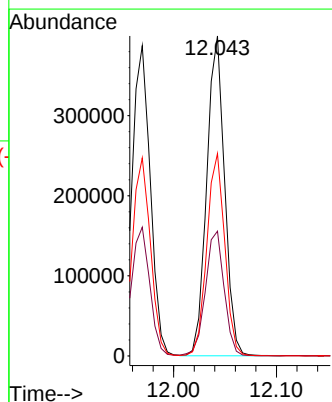
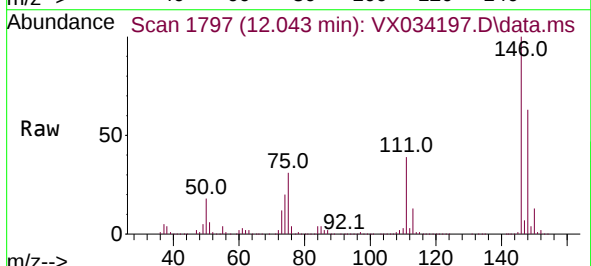
Tgt Ion:146 Resp: 483004

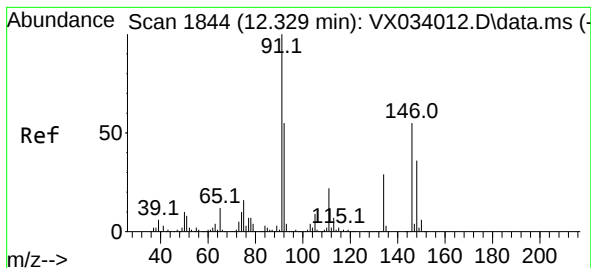
Ion Ratio Lower Upper

146 100

111 40.8 17.8 53.4

148 63.5 32.1 96.3





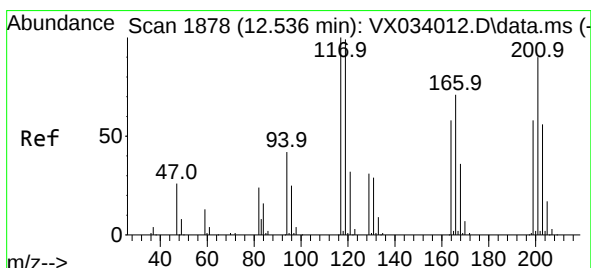
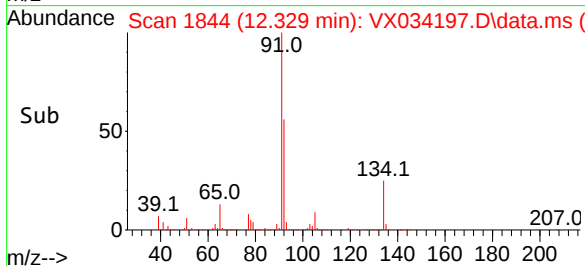
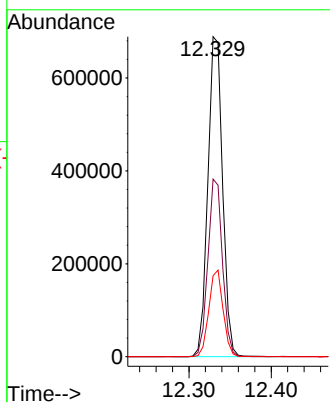
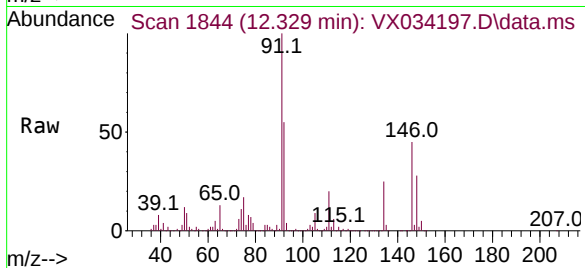
#89
n-Butylbenzene
Concen: 51.068 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 857514
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.5
134 26.2 14.3 42.9

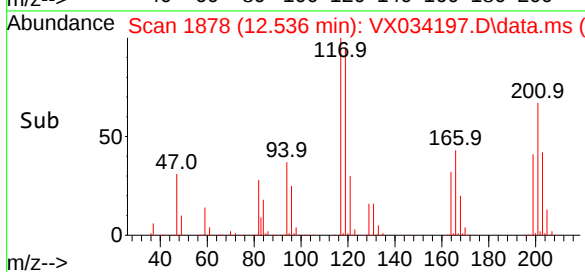
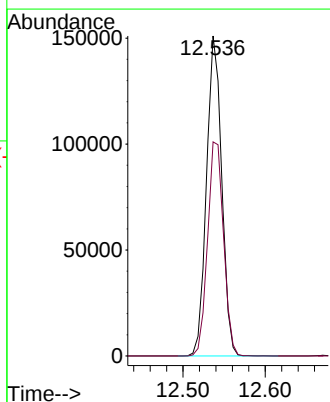
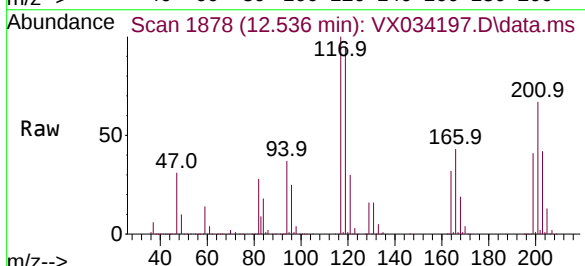
Manual Integrations
APPROVED

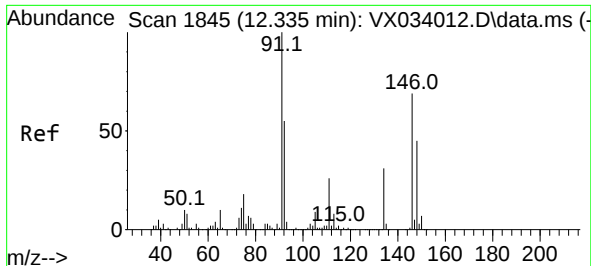
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#90
Hexachloroethane
Concen: 49.183 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Tgt Ion:117 Resp: 193873
Ion Ratio Lower Upper
117 100
201 70.3 45.1 135.3





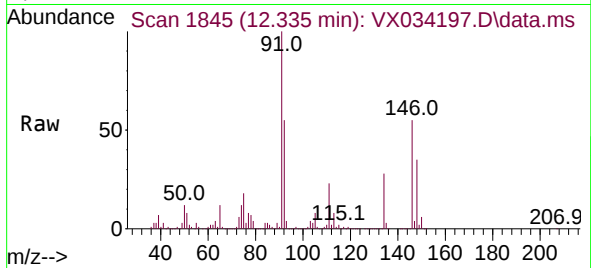
#91
1,2-Dichlorobenzene
Concen: 48.263 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



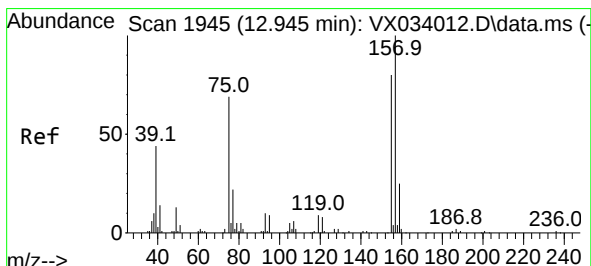
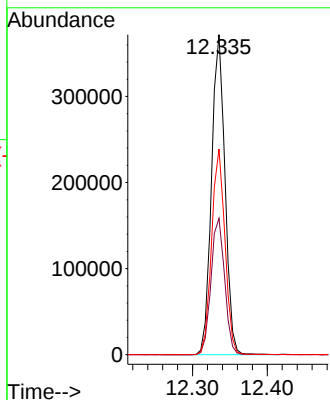
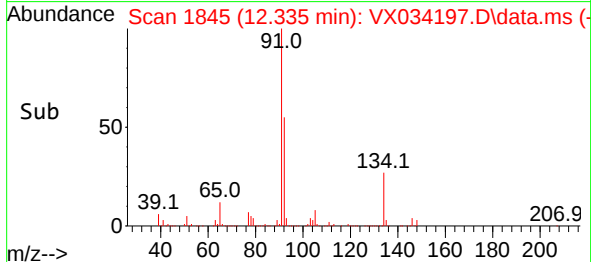
Tgt Ion:146 Resp: 464288
Ion Ratio Lower Upper
146 100
111 43.4 19.3 57.8
148 64.1 32.3 96.9

Manual Integrations

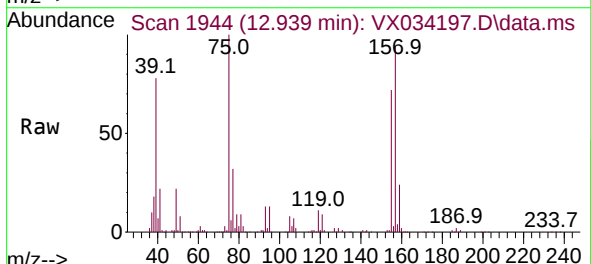
APPROVED

Reviewed By :John Carlone 02/21/2023

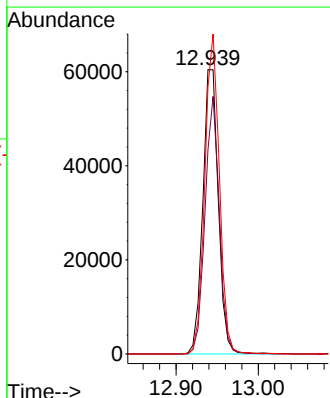
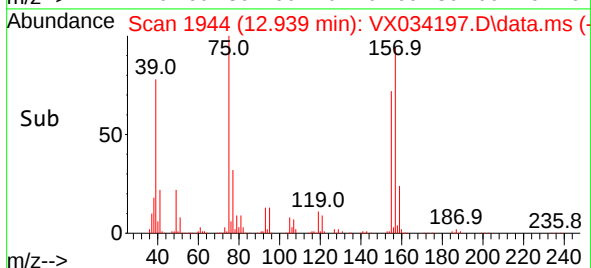
Supervised By :Mahesh Dadoda 02/22/2023

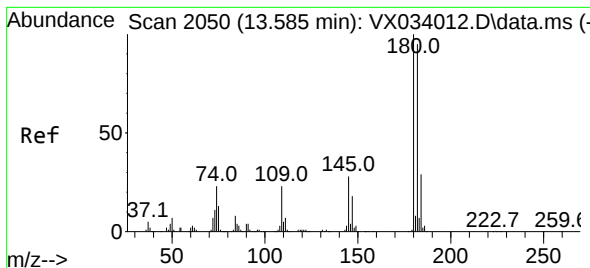


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.653 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02



Tgt Ion: 75 Resp: 79341
Ion Ratio Lower Upper
75 100
155 83.7 51.7 155.1
157 106.0 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 48.741 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

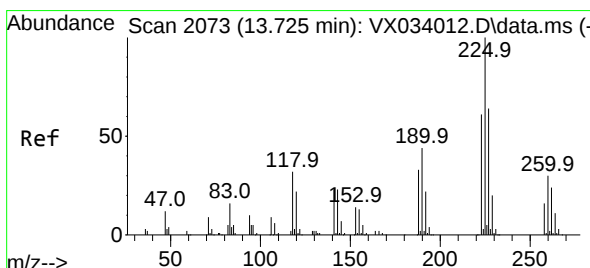
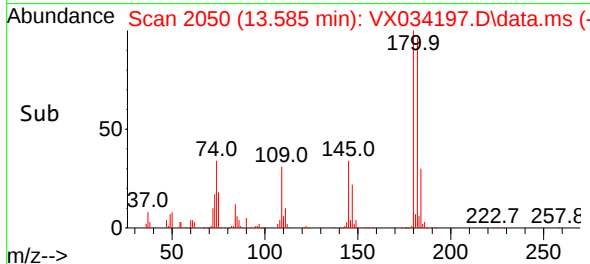
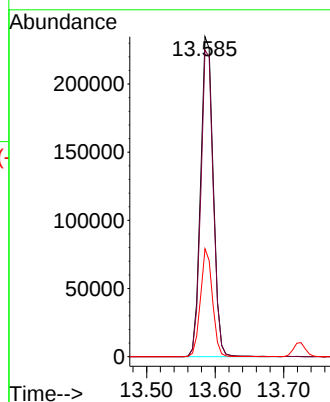
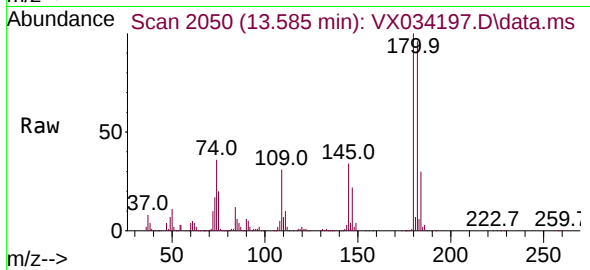
Tgt Ion:180	Resp: 301028
Ion Ratio	Lower Upper
180	100
182	94.9 47.9 143.6
145	32.1 14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/22/2023



#94

Hexachlorobutadiene

Concen: 48.404 ug/l

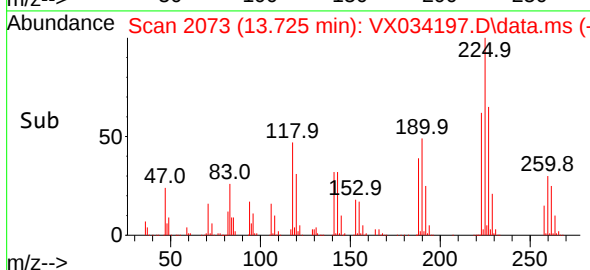
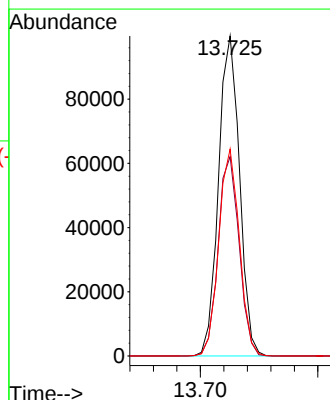
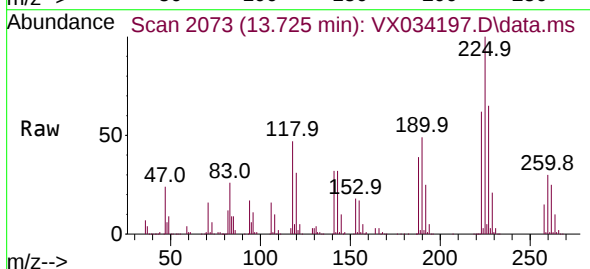
RT: 13.725 min Scan# 2073

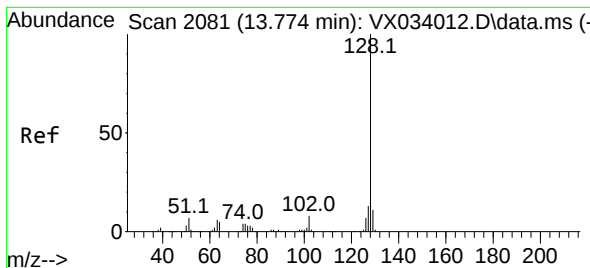
Delta R.T. 0.000 min

Lab File: VX034197.D

Acq: 21 Feb 2023 09:02

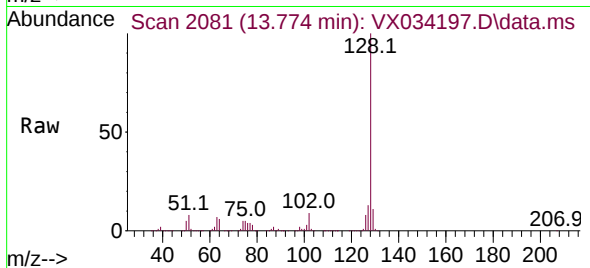
Tgt Ion:225	Resp: 123930
Ion Ratio	Lower Upper
225	100
223	62.0 31.3 93.9
227	63.5 32.3 96.9





#95
Naphthalene
Concen: 47.644 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02

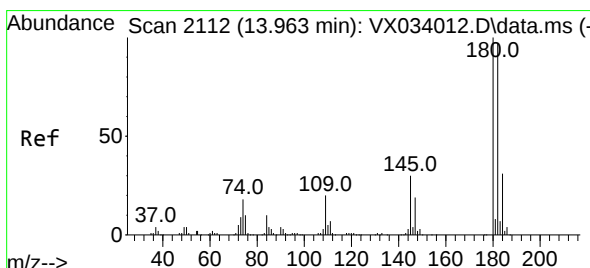
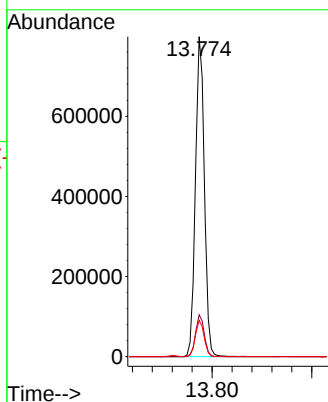
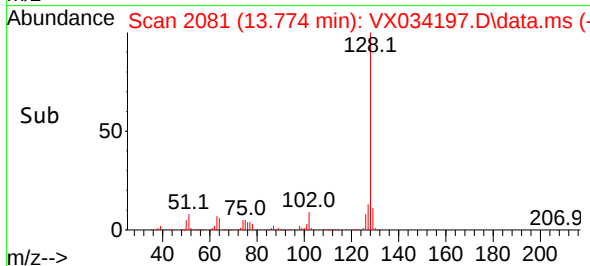
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



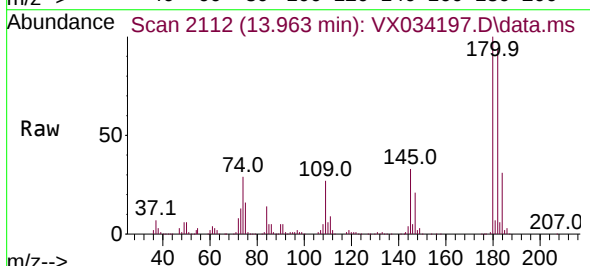
Tgt Ion:128 Resp: 991260
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.557 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034197.D
Acq: 21 Feb 2023 09:02



Tgt Ion:180 Resp: 297730
Ion Ratio Lower Upper
180 100
182 93.6 47.6 142.9
145 33.8 15.1 45.3

