

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020423\
 Data File : VX034012.D
 Acq On : 03 Feb 2023 15:55
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2023
 Supervised By : Mahesh Dadoda 02/06/2023

Quant Time: Feb 03 22:20:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 22:11:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	153577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	211878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71579	45.038	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.080%		
35) Dibromofluoromethane	5.385	113	65829	49.752	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.500%		
50) Toluene-d8	8.647	98	237164	49.463	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.920%		
62) 4-Bromofluorobenzene	11.079	95	84539	47.925	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66765	54.394	ug/l	97
3) Chloromethane	1.294	50	60832	46.545	ug/l	100
4) Vinyl Chloride	1.374	62	63846	50.566	ug/l	98
5) Bromomethane	1.611	94	31886	43.621	ug/l	99
6) Chloroethane	1.685	64	36034	45.890	ug/l	97
7) Trichlorofluoromethane	1.886	101	101801	48.812	ug/l	99
8) Diethyl Ether	2.130	74	34935	49.845	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	67945	48.718	ug/l	93
10) Methyl Iodide	2.453	142	98965	54.020	ug/l	93
11) Tert butyl alcohol	2.959	59	51479	192.934	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	65026	49.520	ug/l	89
13) Acrolein	2.233	56	70871	258.980	ug/l	100
14) Allyl chloride	2.666	41	107537	44.975	ug/l	89
15) Acrylonitrile	3.056	53	171439	235.807	ug/l	99
16) Acetone	2.374	43	150533	207.048	ug/l	94
17) Carbon Disulfide	2.514	76	165320	48.329	ug/l	98
18) Methyl Acetate	2.697	43	102775	46.299	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	203350	47.504	ug/l	99
20) Methylene Chloride	2.788	84	70358	45.188	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	69778	48.071	ug/l	97
22) Diisopropyl ether	3.757	45	208987	45.112	ug/l	94
23) Vinyl Acetate	3.721	43	820785	235.035	ug/l	96
24) 1,1-Dichloroethane	3.611	63	120051	46.913	ug/l	100
25) 2-Butanone	4.550	43	226072	219.378	ug/l	96
26) 2,2-Dichloropropane	4.477	77	88986	48.371	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	80701	48.499	ug/l	97
28) Bromochloromethane	4.898	49	50804	43.955	ug/l	89
29) Tetrahydrofuran	5.001	42	147888	227.320	ug/l	96
30) Chloroform	5.093	83	124925	47.551	ug/l	99
31) Cyclohexane	5.471	56	112417	48.176	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	109187	48.629	ug/l	98
36) 1,1-Dichloropropene	5.690	75	95660	49.859	ug/l	99
37) Ethyl Acetate	4.709	43	90850	43.700	ug/l	99
38) Carbon Tetrachloride	5.678	117	102026	51.330	ug/l	97
39) Methylcyclohexane	7.379	83	121071	50.946	ug/l	95
40) Benzene	6.038	78	278208	49.845	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	50036	48.160	ug/l	94
42) 1,2-Dichloroethane	6.086	62	94344	48.013	ug/l	98
43) Isopropyl Acetate	6.336	43	144003	48.090	ug/l	97
44) Trichloroethene	7.123	130	84352	53.337	ug/l	96
45) 1,2-Dichloropropane	7.428	63	69000	49.503	ug/l	97
46) Dibromomethane	7.580	93	49004	50.075	ug/l	94
47) Bromodichloromethane	7.818	83	95316	50.757	ug/l	100
48) Methyl methacrylate	7.690	41	74386	49.425	ug/l	96
49) 1,4-Dioxane	7.665	88	27028	834.150	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	444610	242.862	ug/l	98
52) Toluene	8.720	92	179320	49.821	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	98485	52.490	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	111320	52.828	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	72060	50.368	ug/l	97
56) Ethyl methacrylate	9.116	69	105850	52.822	ug/l	96
57) 1,3-Dichloropropane	9.305	76	117751	51.085	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	237852	242.880	ug/l	96
59) 2-Hexanone	9.427	43	325346	255.513	ug/l	98
60) Dibromochloromethane	9.519	129	82295	55.359	ug/l	99
61) 1,2-Dibromoethane	9.610	107	77346	54.365	ug/l	98
64) Tetrachloroethene	9.275	164	78635	54.406	ug/l	97
65) Chlorobenzene	10.079	112	198576	51.452	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	76576	53.690	ug/l	99
67) Ethyl Benzene	10.195	91	338122	51.316	ug/l	100
68) m/p-Xylenes	10.299	106	270030	104.480	ug/l	98
69) o-Xylene	10.640	106	131063	51.342	ug/l	100
70) Styrene	10.653	104	217904	52.523	ug/l	100
71) Bromoform	10.799	173	64215	53.925	ug/l #	98
73) Isopropylbenzene	10.963	105	343219	47.673	ug/l	100
74) N-amyl acetate	10.842	43	119014	46.718	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	99662	46.172	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81082m	44.790	ug/l	
77) Bromobenzene	11.195	156	94204	48.262	ug/l	96
78) n-propylbenzene	11.305	91	382217	47.667	ug/l	99
79) 2-Chlorotoluene	11.366	91	226032	46.325	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	287046	48.272	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29427	50.445	ug/l	96
82) 4-Chlorotoluene	11.451	91	258861	46.734	ug/l	98
83) tert-Butylbenzene	11.713	119	290572	49.486	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	285153	50.892	ug/l	99
85) sec-Butylbenzene	11.890	105	357649	50.906	ug/l	100
86) p-Isopropyltoluene	12.006	119	311728	51.746	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	171694	51.377	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	170512	50.156	ug/l	99
89) n-Butylbenzene	12.329	91	248265	50.654	ug/l	99
90) Hexachloroethane	12.536	117	49301	50.194	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	168109	52.015	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20763	51.553	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	121423	55.579	ug/l	100
94) Hexachlorobutadiene	13.725	225	56225	52.635	ug/l	100
95) Naphthalene	13.774	128	340741	54.362	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	119666	54.650	ug/l	99

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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

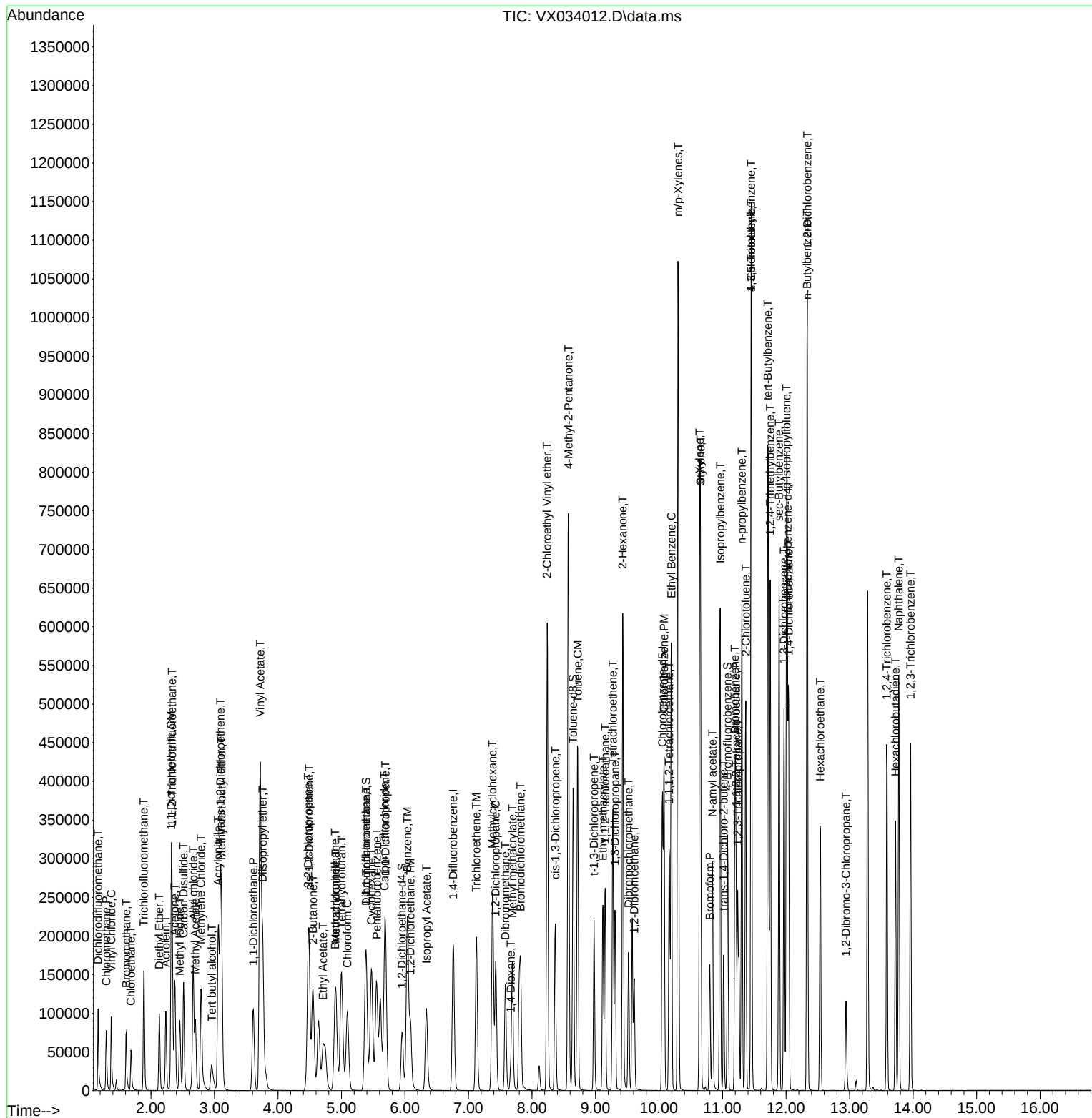
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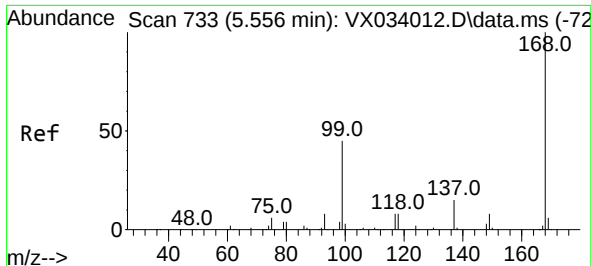
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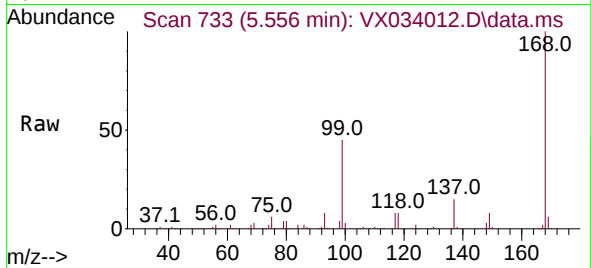
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

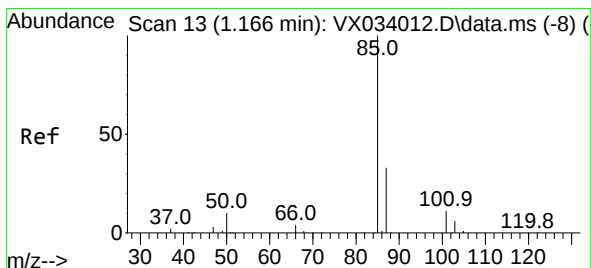
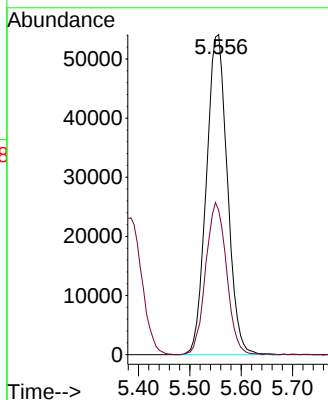
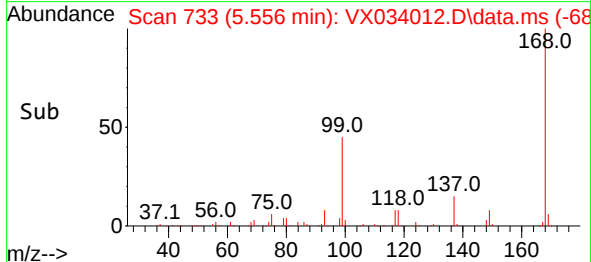
Instrument :
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ClientSampleId :
VSTDICCC050



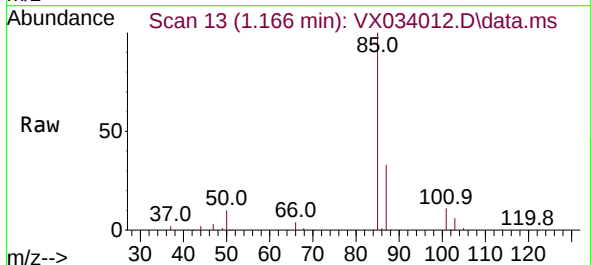
Tgt Ion:168 Resp: 15357
Ion Ratio Lower Upper
168 100
99 45.1 39.6 59.4

Manual Integrations
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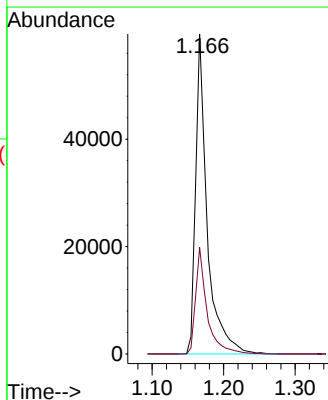
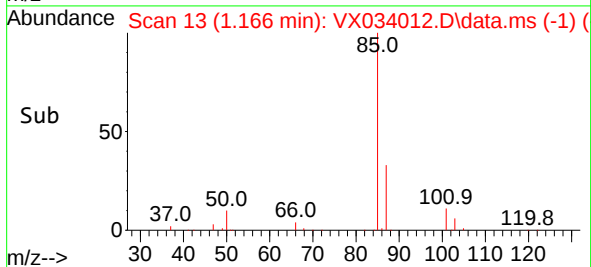
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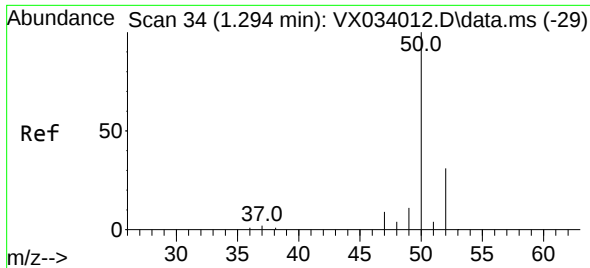


#2
Dichlorodifluoromethane
Concen: 54.394 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55



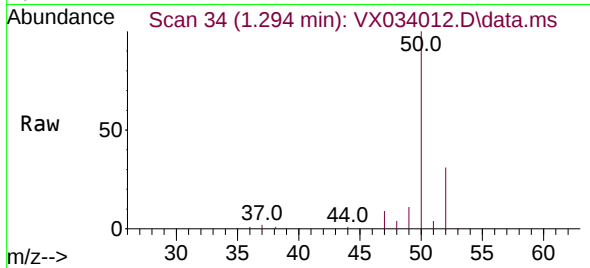
Tgt Ion: 85 Resp: 66765
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





#3
Chloromethane
Concen: 46.545 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

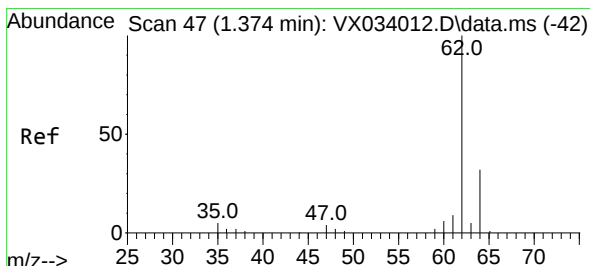
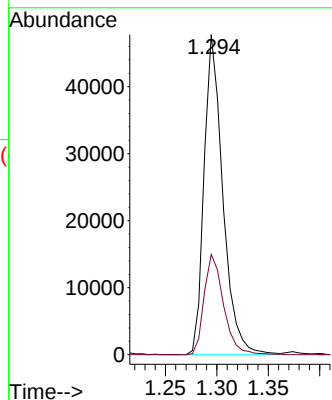
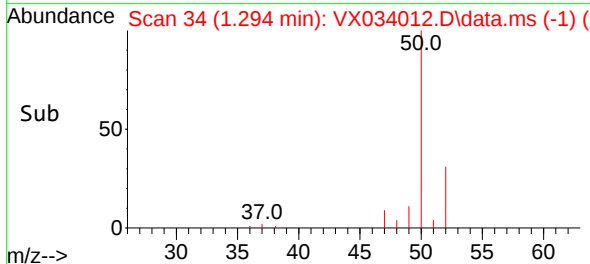
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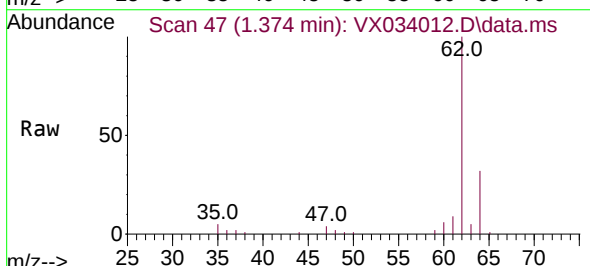
Tgt Ion: 50 Resp: 60832
Ion Ratio Lower Upper
50 100
52 31.3 25.2 37.8

Manual Integrations
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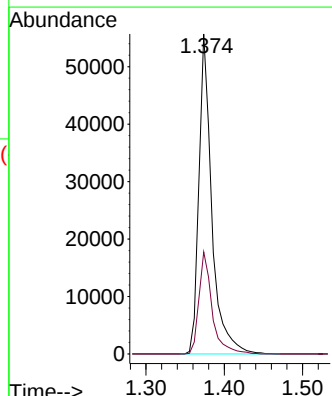
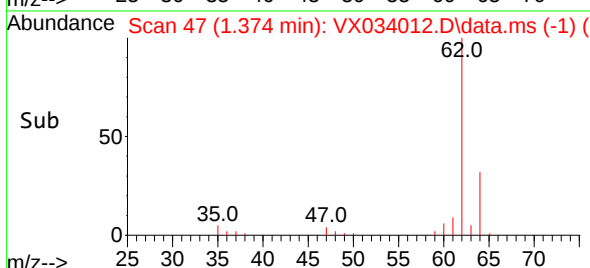
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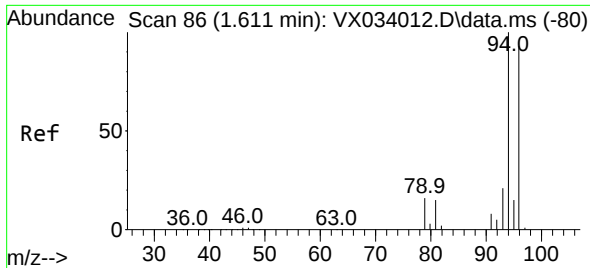


#4
Vinyl Chloride
Concen: 50.566 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55



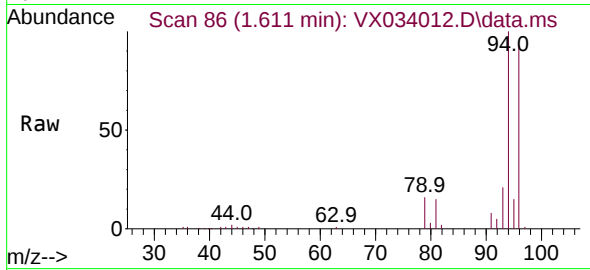
Tgt Ion: 62 Resp: 63846
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.4





#5
Bromomethane
Concen: 43.621 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

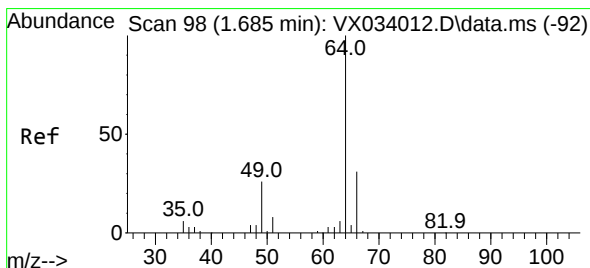
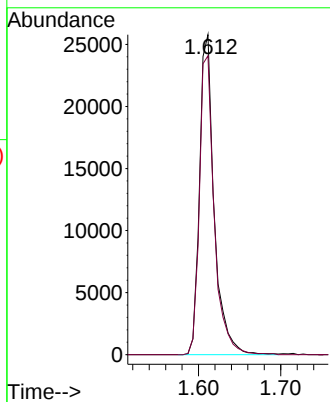
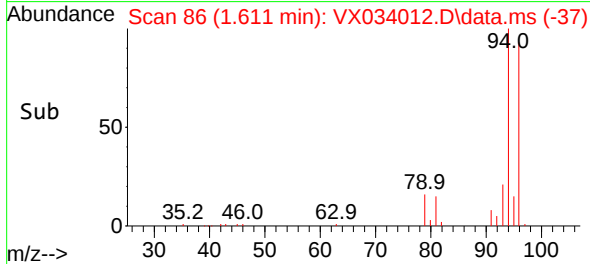
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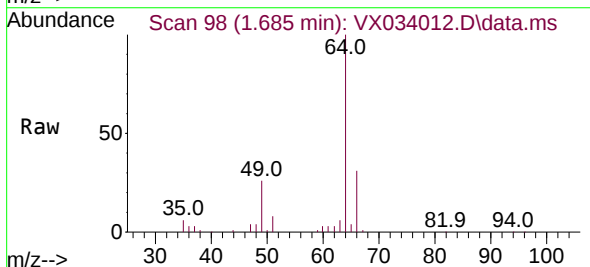
Tgt Ion: 94 Resp: 3188
Ion Ratio Lower Upper
94 100
96 93.4 74.3 111.5

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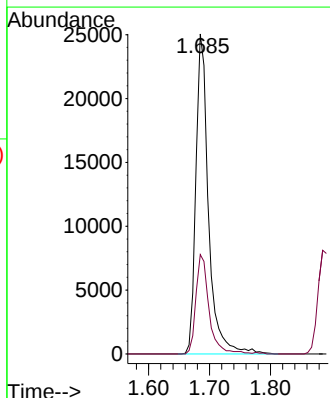
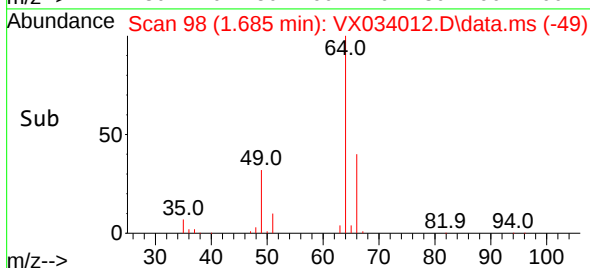
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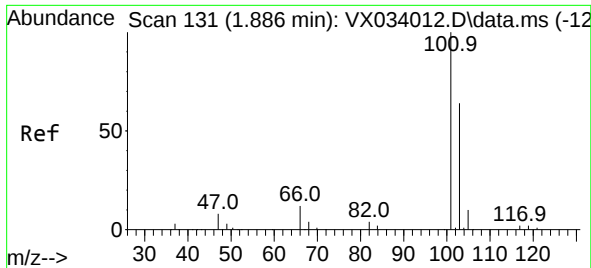


#6
Chloroethane
Concen: 45.890 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55



Tgt Ion: 64 Resp: 36034
Ion Ratio Lower Upper
64 100
66 31.1 26.1 39.1





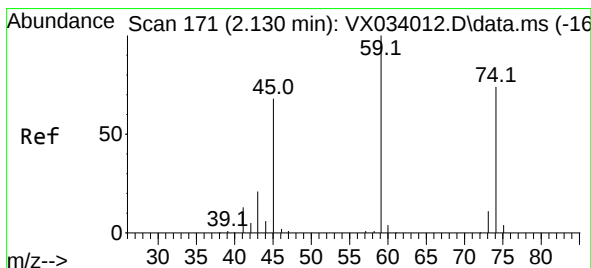
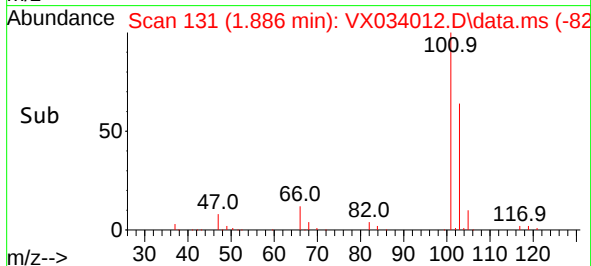
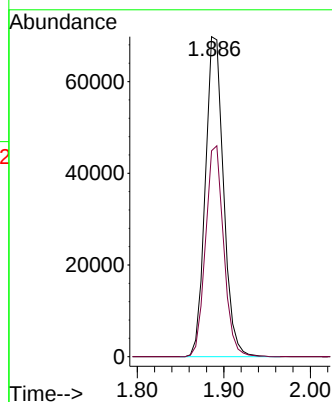
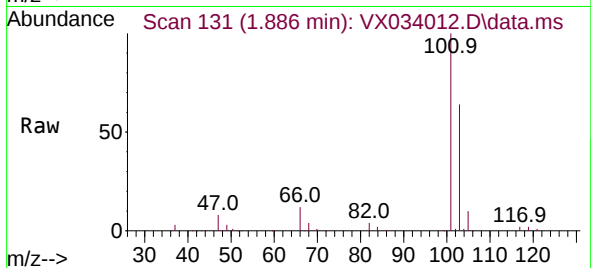
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 Trichlorofluoromethane
 Concen: 48.812 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034012.D
 Acq: 03 Feb 2023 15:55

Instrument :
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Tgt Ion:101 Resp: 10180
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.6 75.8

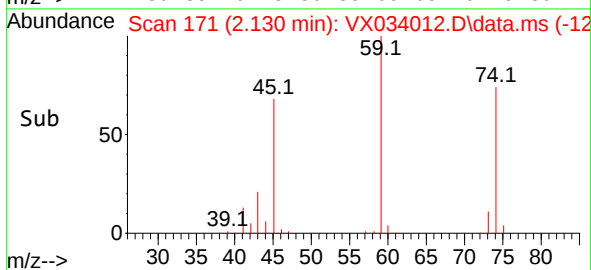
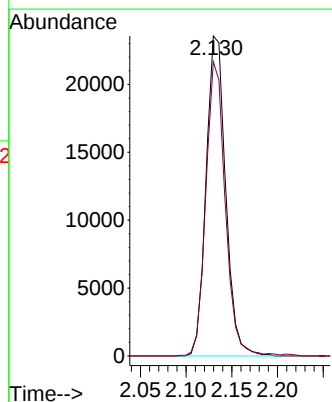
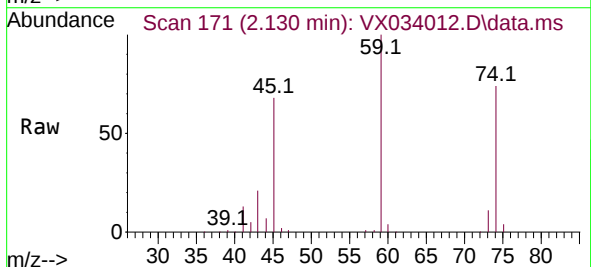
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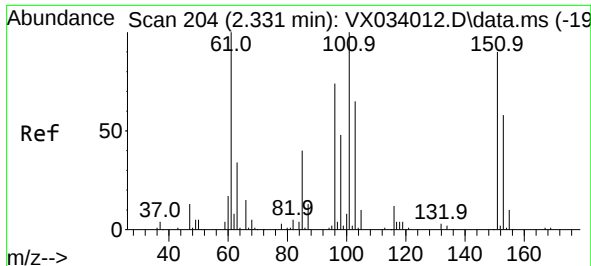
Reviewed By :John Carlone 02/06/2023
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#8
 Diethyl Ether
 Concen: 49.845 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX034012.D
 Acq: 03 Feb 2023 15:55

Tgt Ion: 74 Resp: 34935
 Ion Ratio Lower Upper
 74 100
 45 91.7 51.5 154.5





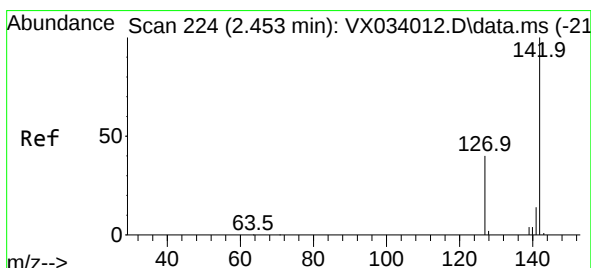
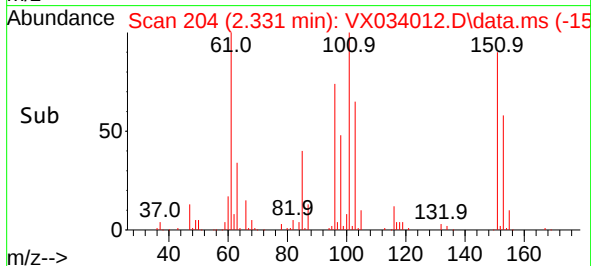
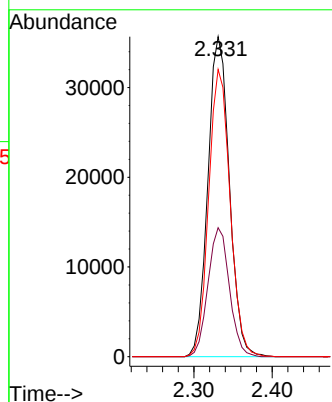
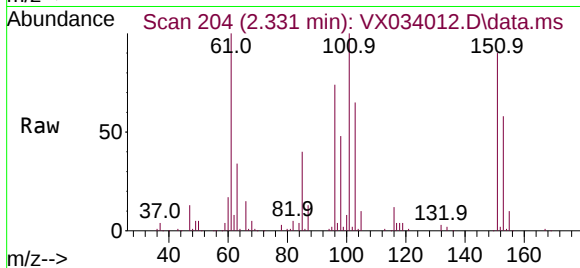
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.718 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 67945
Ion Ratio Lower Upper
101 100
85 40.2 36.7 55.1
151 89.3 66.5 99.7

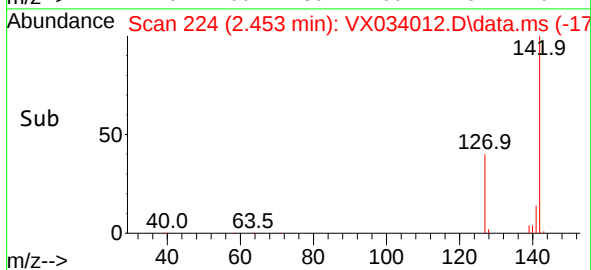
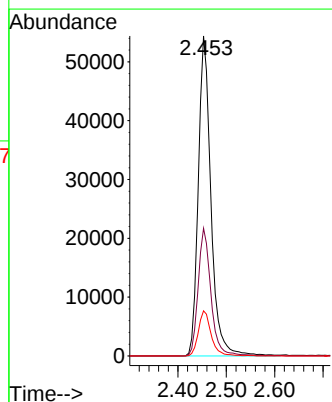
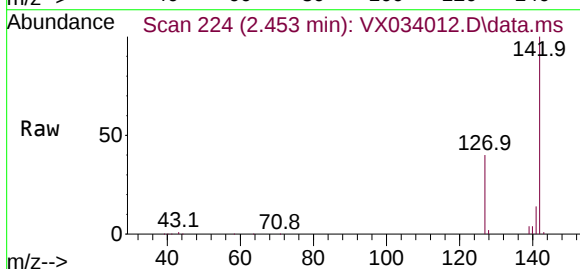
Manual Integrations
APPROVED

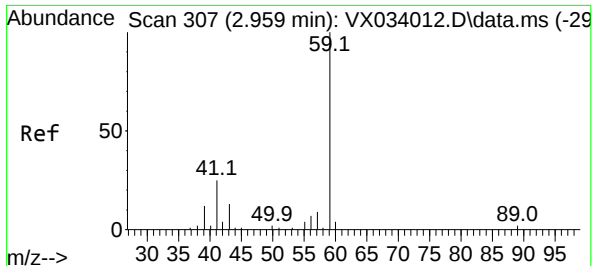
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#10
Methyl Iodide
Concen: 54.020 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Tgt Ion:142 Resp: 98965
Ion Ratio Lower Upper
142 100
127 40.2 37.3 55.9
141 14.2 11.5 17.3





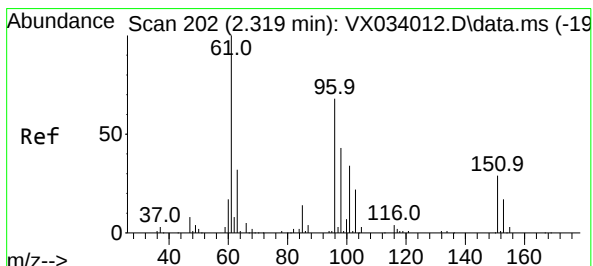
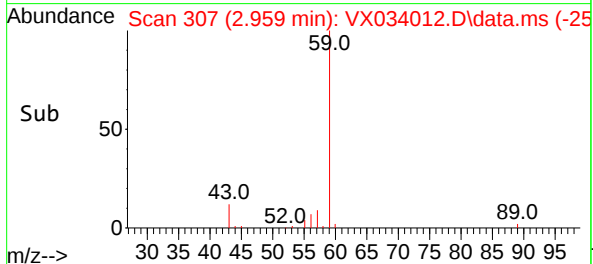
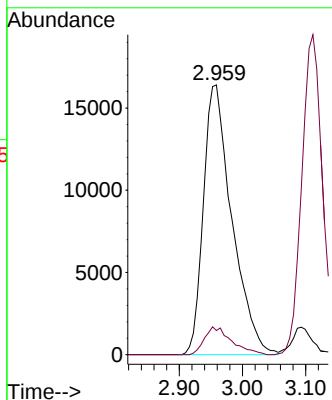
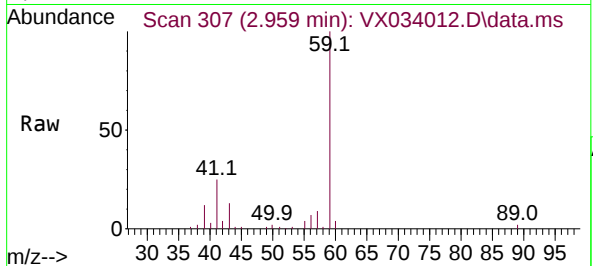
#11
Tert butyl alcohol
Concen: 192.934 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 51479
Ion Ratio Lower Upper
59 100
57 9.8 3.7 5.5

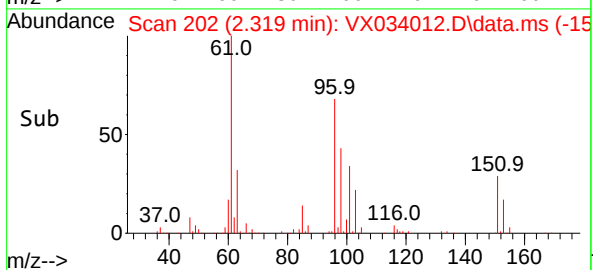
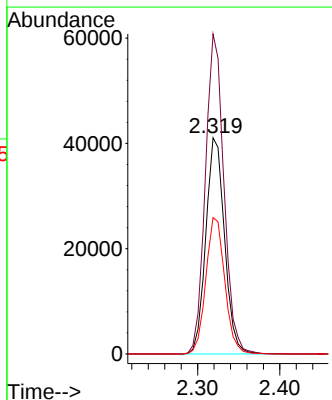
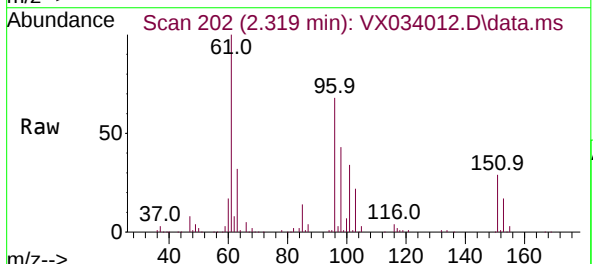
Manual Integrations
APPROVED

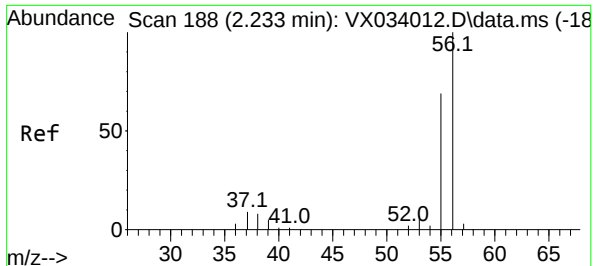
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#12
1,1-Dichloroethene
Concen: 49.520 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

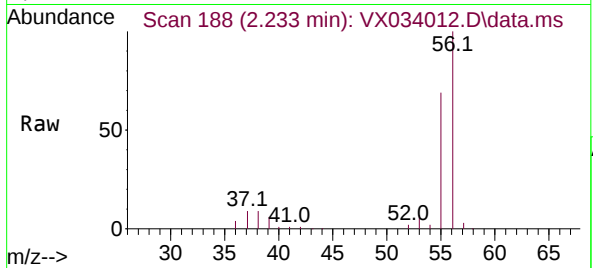
Tgt Ion: 96 Resp: 65026
Ion Ratio Lower Upper
96 100
61 148.0 134.2 201.4
98 63.1 50.2 75.2





#13
Acrolein
Concen: 258.980 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

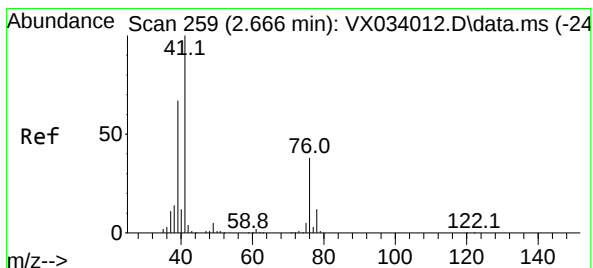
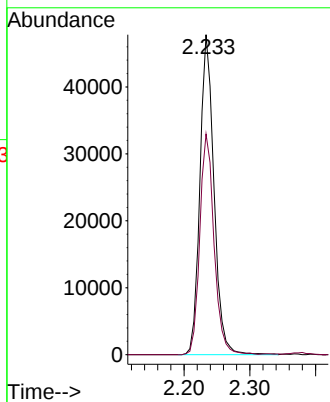
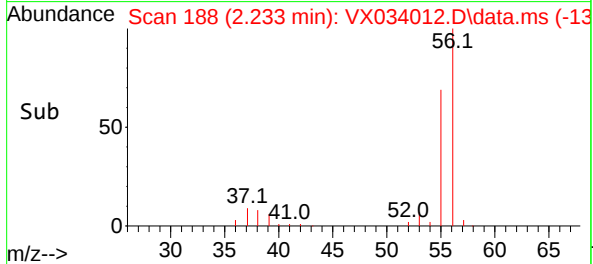
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 7087
Ion Ratio Lower Upper
56 100
55 70.2 56.3 84.5

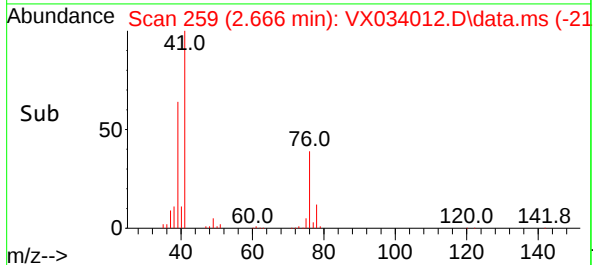
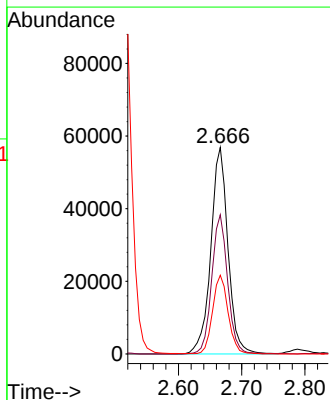
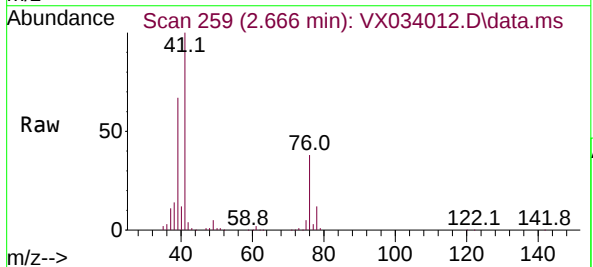
Manual Integrations
APPROVED

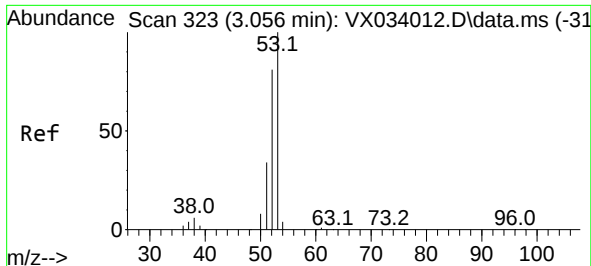
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#14
Allyl chloride
Concen: 44.975 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

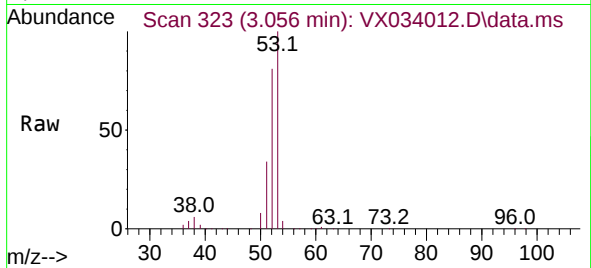
Tgt Ion: 41 Resp: 107537
Ion Ratio Lower Upper
41 100
39 62.4 59.0 88.4
76 34.5 24.6 37.0





#15
Acrylonitrile
Concen: 235.807 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

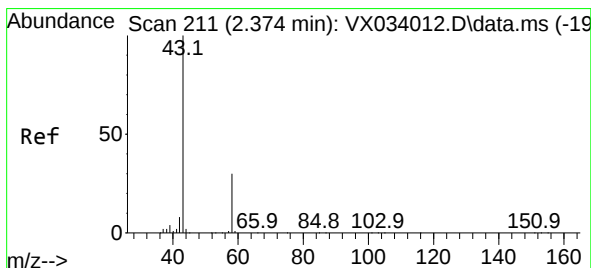
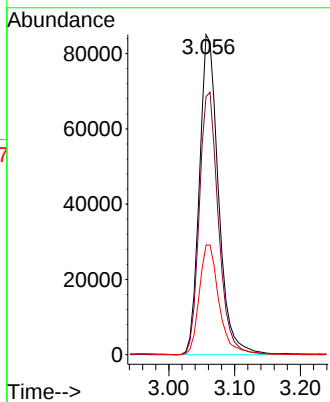
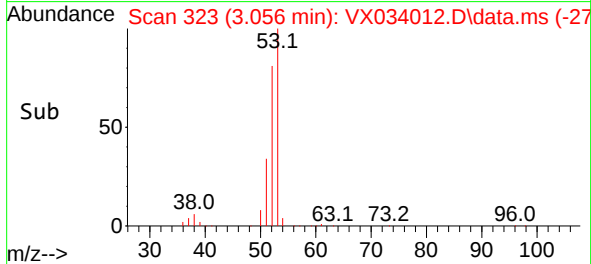
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 171439
Ion Ratio Lower Upper
53 100
52 82.5 65.7 98.5
51 35.7 29.0 43.4

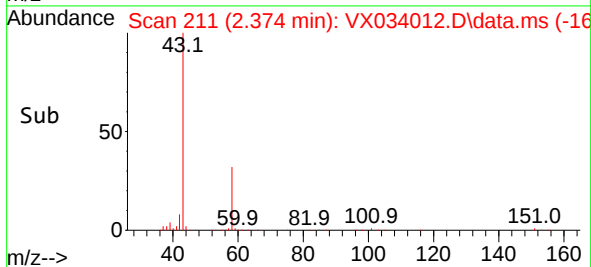
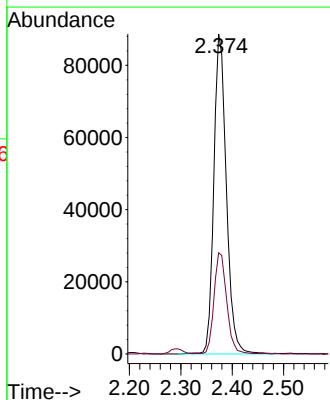
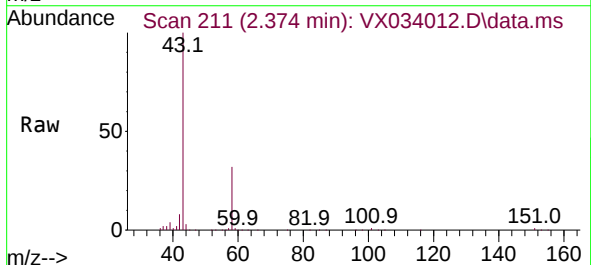
Manual Integrations
APPROVED

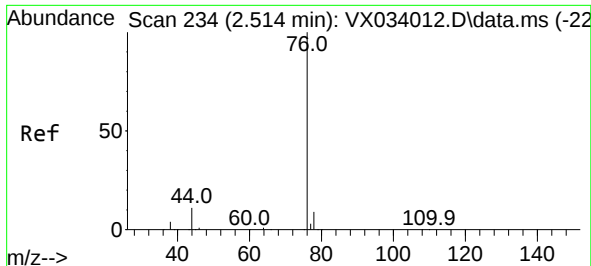
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#16
Acetone
Concen: 207.048 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Tgt Ion: 43 Resp: 150533
Ion Ratio Lower Upper
43 100
58 31.5 22.6 33.8





#17

Carbon Disulfide

Concen: 48.329 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX034012.D

Acq: 03 Feb 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 165320

Ion Ratio Lower Upper

76 100

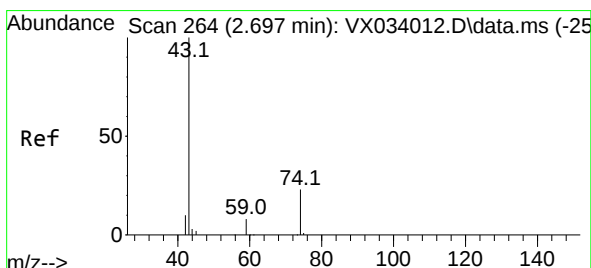
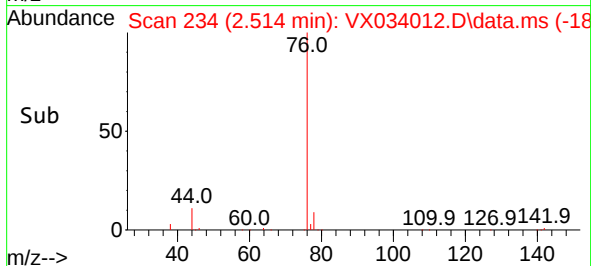
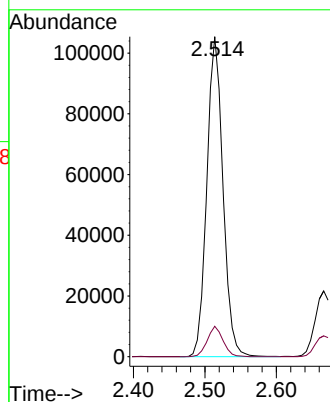
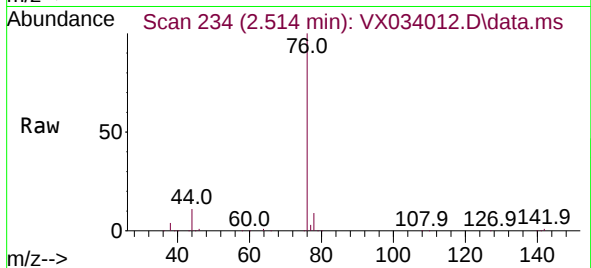
78 9.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#18

Methyl Acetate

Concen: 46.299 ug/l

RT: 2.697 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX034012.D

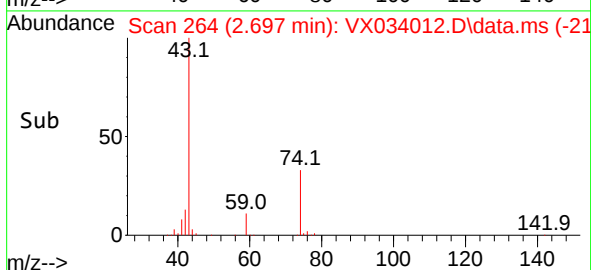
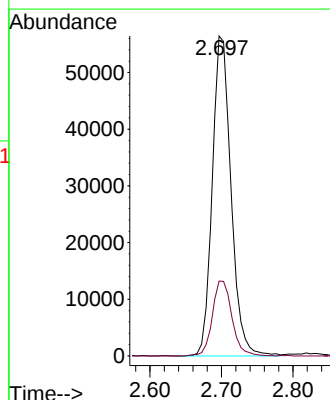
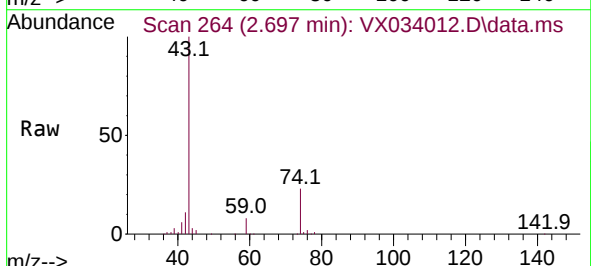
Acq: 03 Feb 2023 15:55

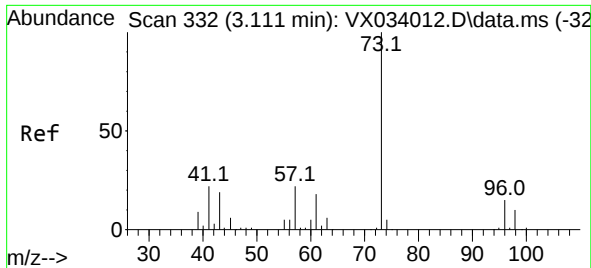
Tgt Ion: 43 Resp: 102775

Ion Ratio Lower Upper

43 100

74 24.5 18.2 27.4





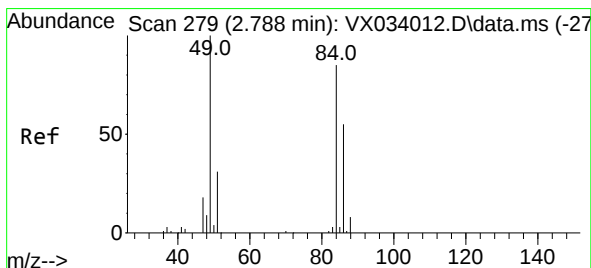
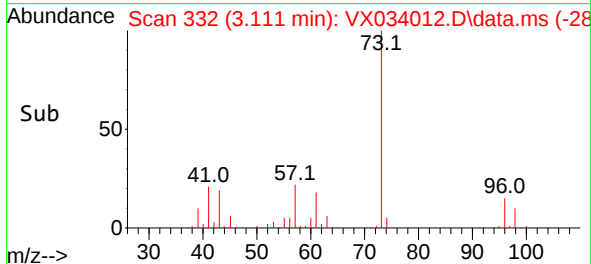
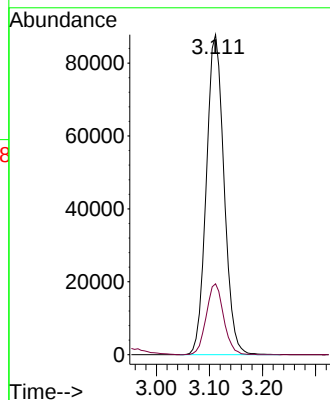
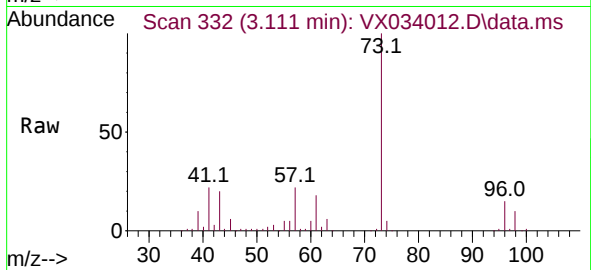
#19
Methyl tert-butyl Ether
Concen: 47.504 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 203350
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.0

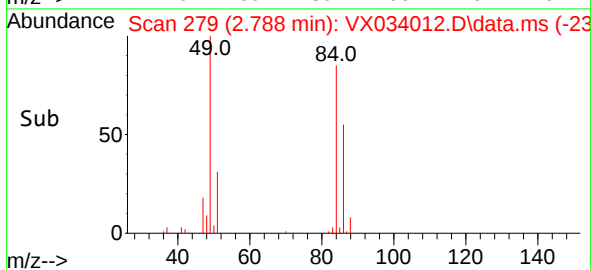
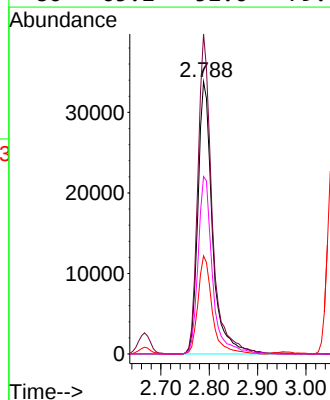
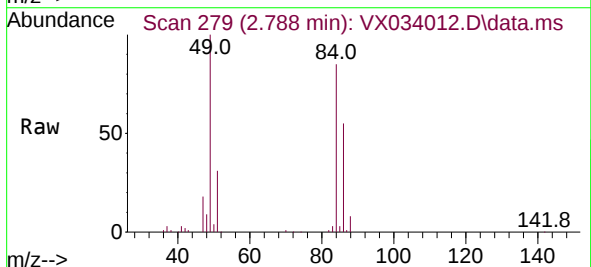
Manual Integrations
APPROVED

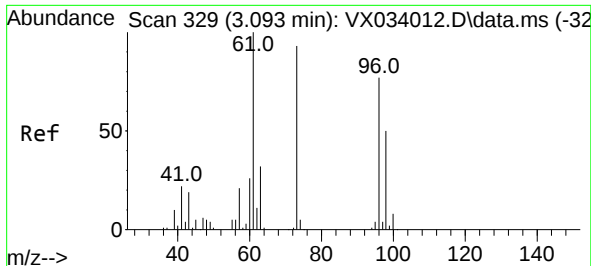
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#20
Methylene Chloride
Concen: 45.188 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

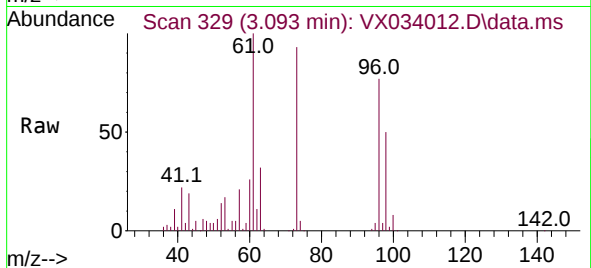
Tgt Ion: 84 Resp: 70358
Ion Ratio Lower Upper
84 100
49 117.6 101.1 151.7
51 36.0 31.0 46.6
86 65.2 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 48.071 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

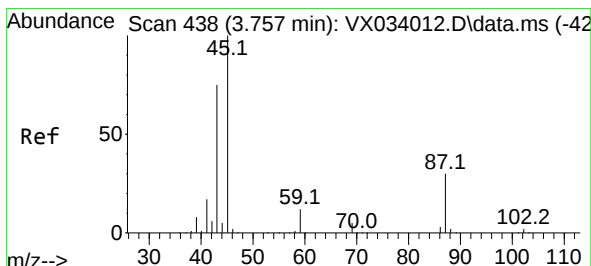
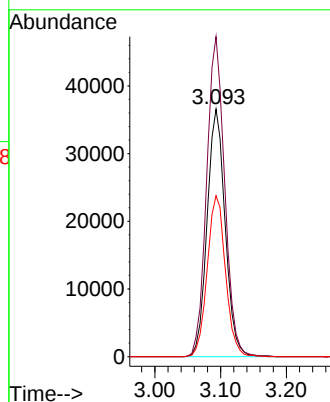
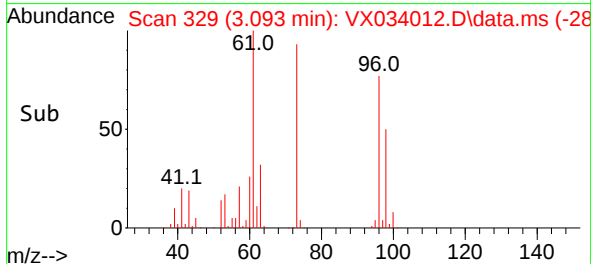
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 69778
Ion Ratio Lower Upper
96 100
61 129.3 106.7 160.1
98 65.0 50.0 75.0

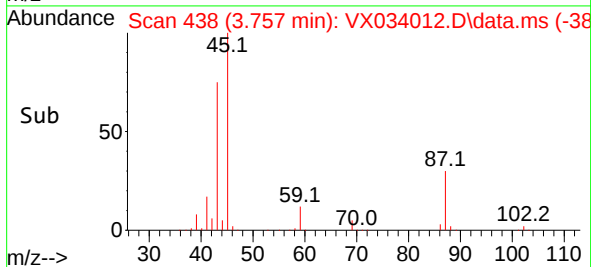
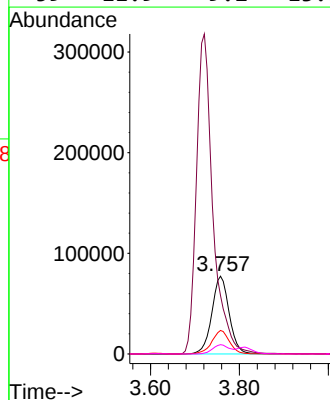
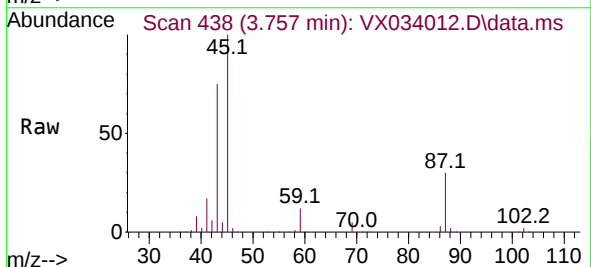
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#22
Diisopropyl ether
Concen: 45.112 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

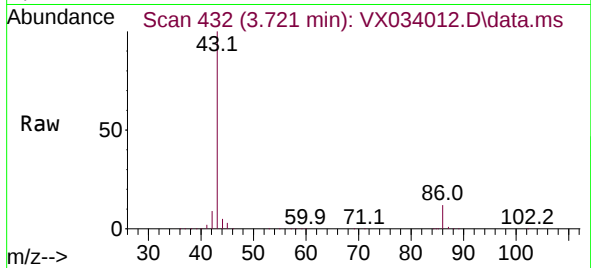
Tgt Ion: 45 Resp: 208987
Ion Ratio Lower Upper
45 100
43 74.9 64.6 97.0
87 30.2 21.9 32.9
59 11.9 9.2 13.8





#23
 Vinyl Acetate
 Concen: 235.035 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX034012.D
 Acq: 03 Feb 2023 15:55

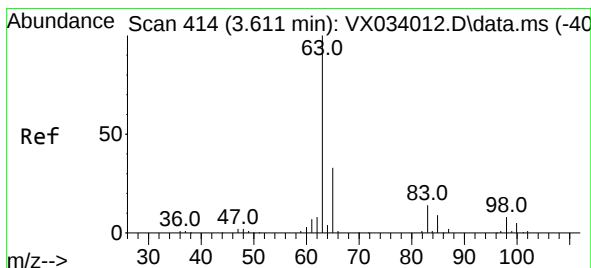
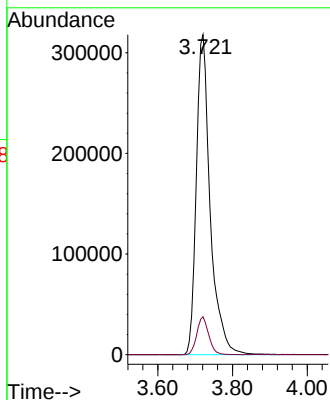
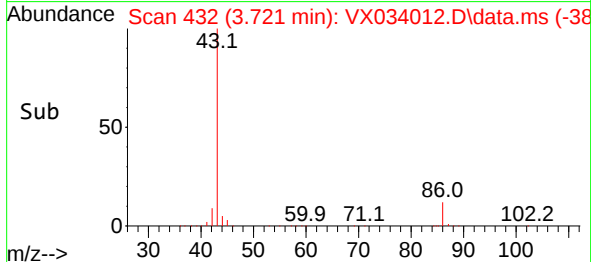
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



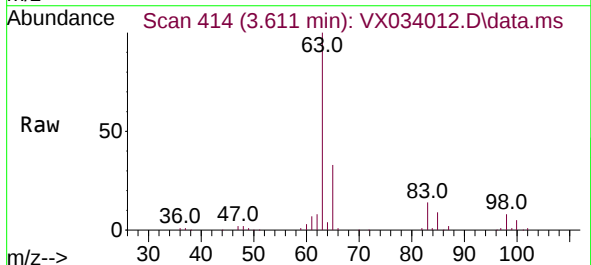
Tgt Ion: 43 Resp: 820785
 Ion Ratio Lower Upper
 43 100
 86 11.9 8.4 12.6

Manual Integrations
 APPROVED

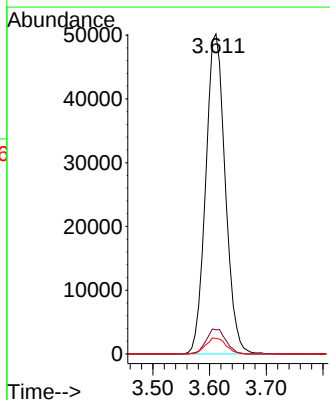
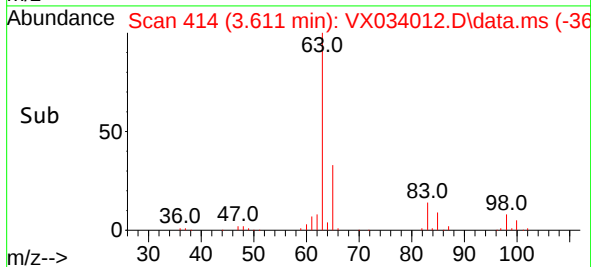
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023

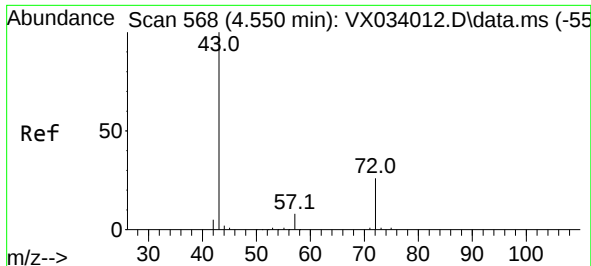


#24
 1,1-Dichloroethane
 Concen: 46.913 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX034012.D
 Acq: 03 Feb 2023 15:55



Tgt Ion: 63 Resp: 120051
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.9 2.4 7.2





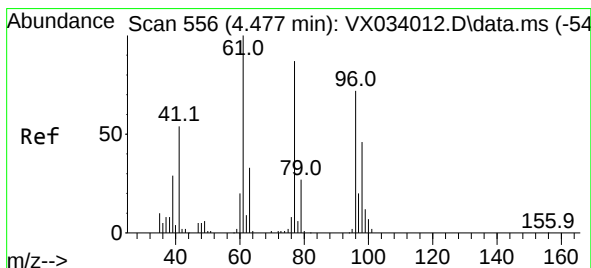
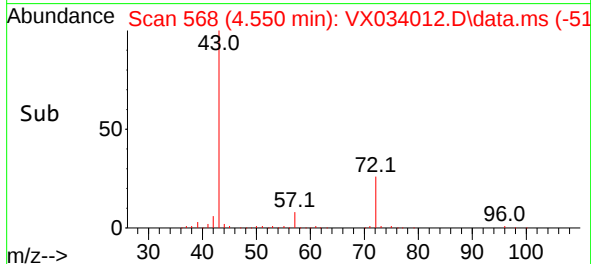
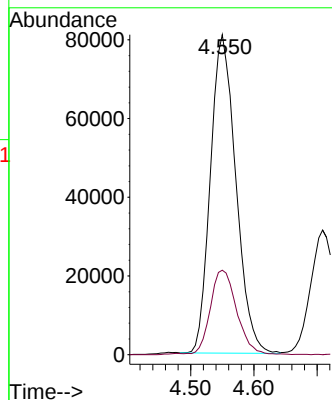
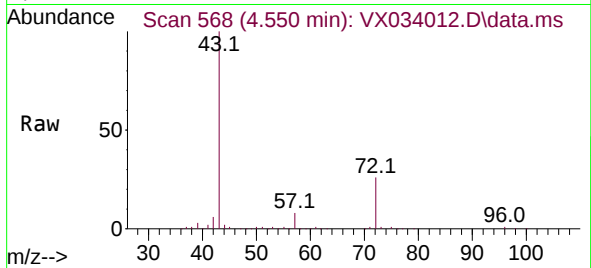
#25
2-Butanone
Concen: 219.378 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 226072
Ion Ratio Lower Upper
43 100
72 26.3 19.4 29.2

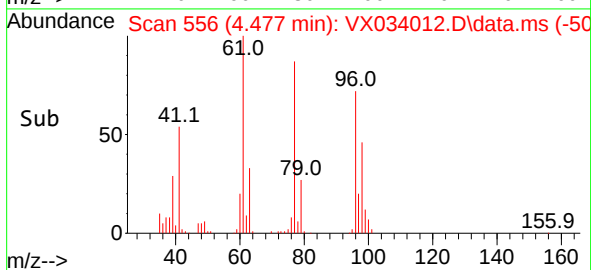
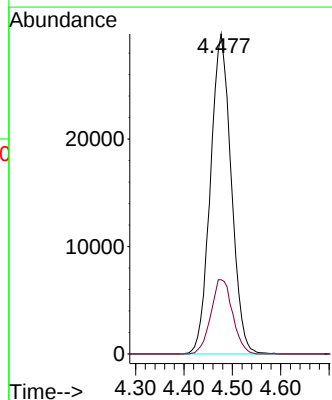
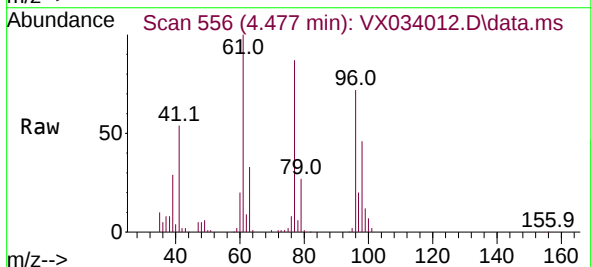
Manual Integrations
APPROVED

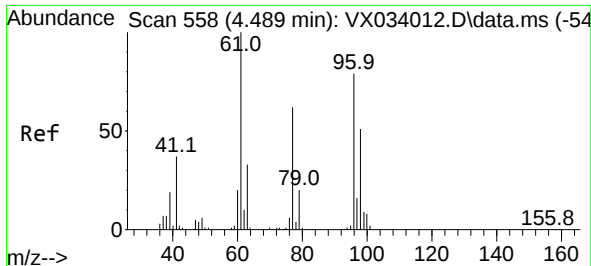
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#26
2,2-Dichloropropane
Concen: 48.371 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Tgt Ion: 77 Resp: 88986
Ion Ratio Lower Upper
77 100
97 24.2 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 48.499 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX034012.D

Acq: 03 Feb 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 8070

Ion Ratio Lower Upper

96 100

61 133.3 0.0 277.6

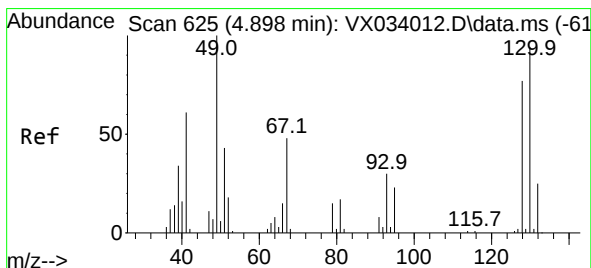
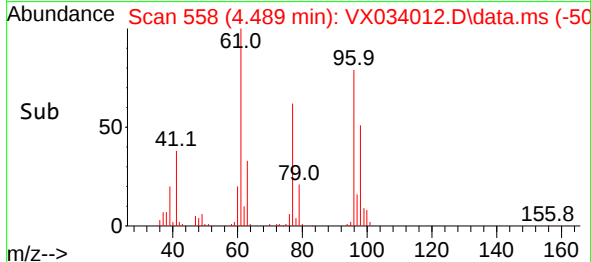
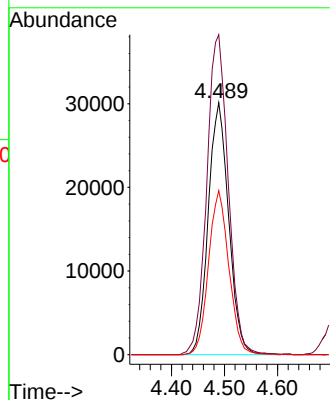
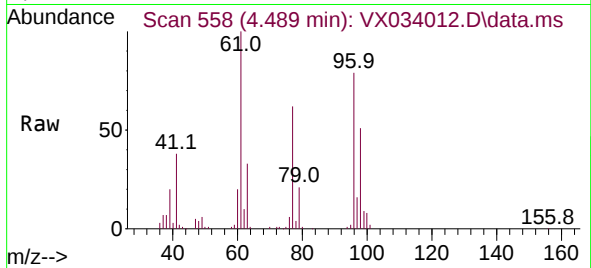
98 64.8 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#28

Bromochloromethane

Concen: 43.955 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX034012.D

Acq: 03 Feb 2023 15:55

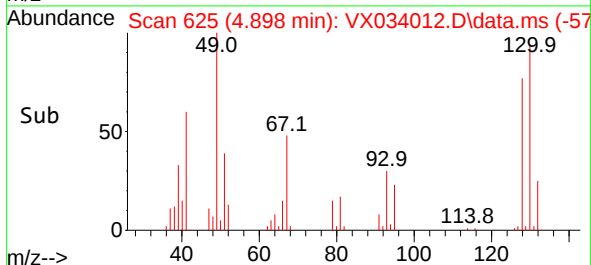
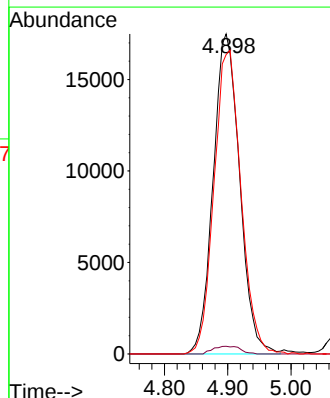
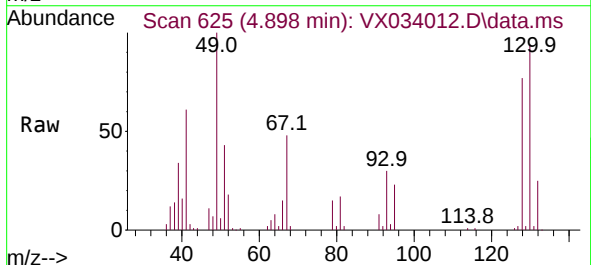
Tgt Ion: 49 Resp: 50804

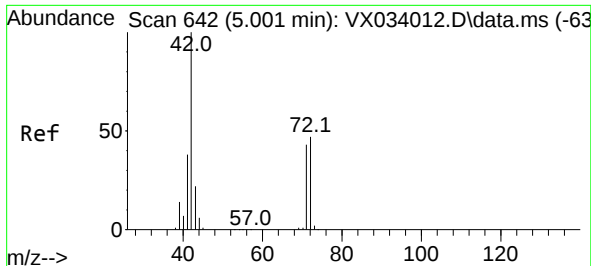
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 96.4 68.5 102.7





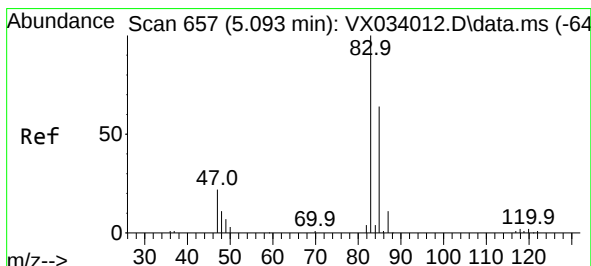
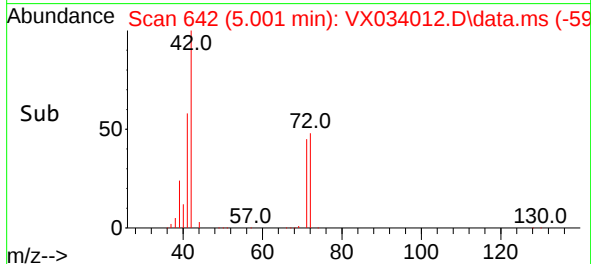
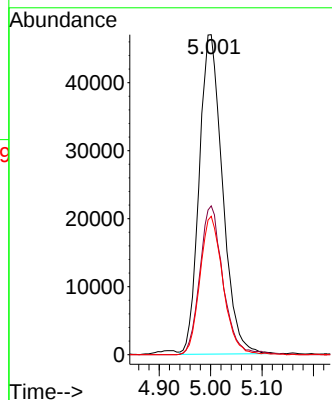
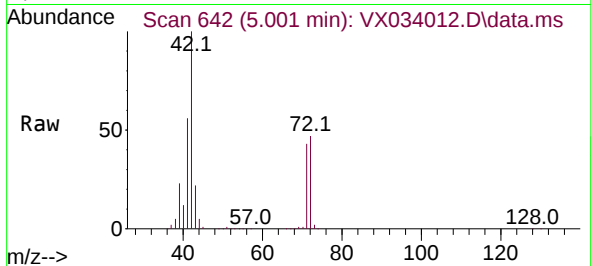
#29
Tetrahydrofuran
Concen: 227.320 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 14788
Ion Ratio Lower Upper
42 100
72 46.3 34.8 52.2
71 43.0 32.2 48.2

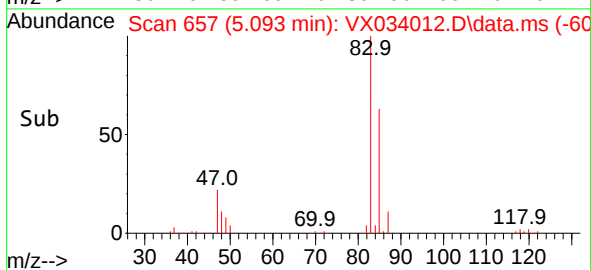
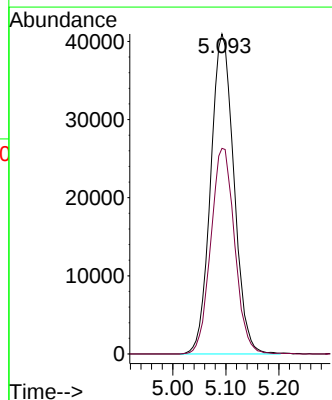
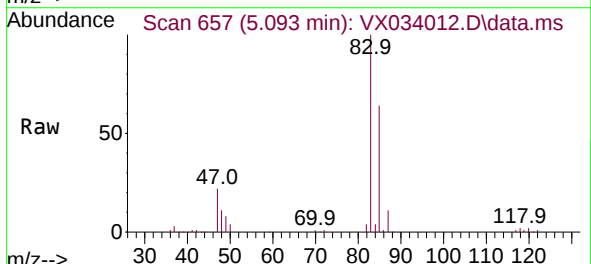
Manual Integrations
APPROVED

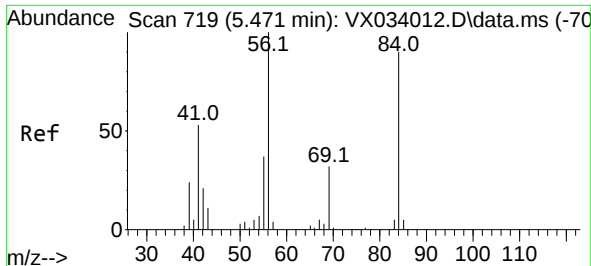
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#30
Chloroform
Concen: 47.551 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

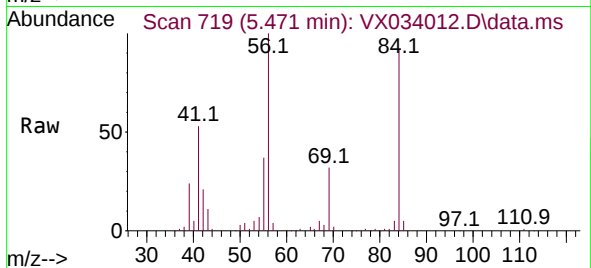
Tgt Ion: 83 Resp: 124925
Ion Ratio Lower Upper
83 100
85 64.3 52.1 78.1





#31
Cyclohexane
Concen: 48.176 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

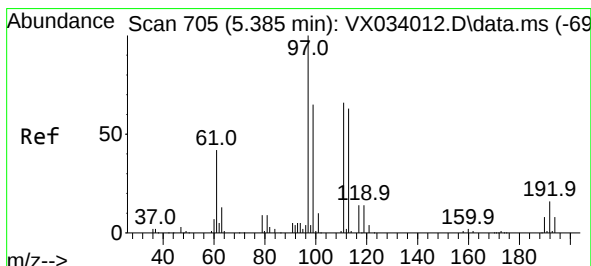
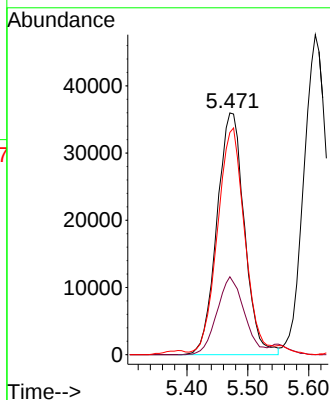
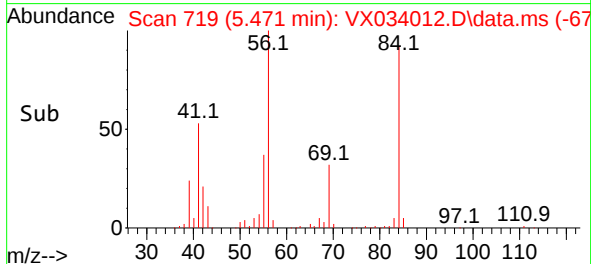
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 112417
Ion Ratio Lower Upper
56 100
69 32.2 24.6 37.0
84 90.1 71.0 106.6

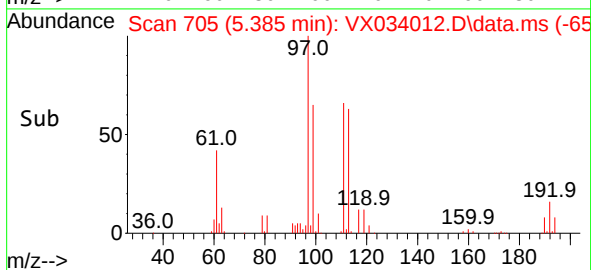
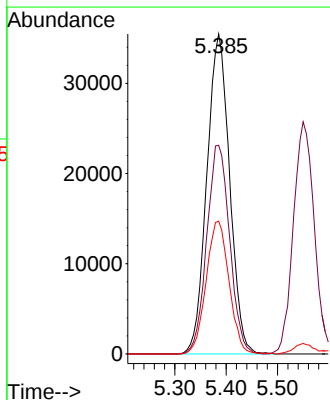
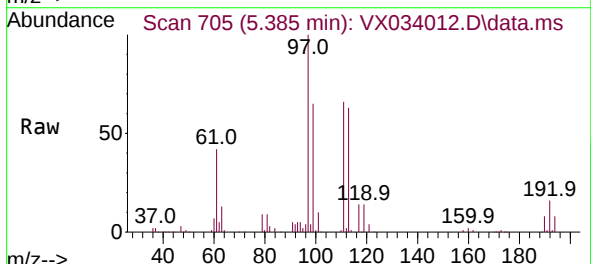
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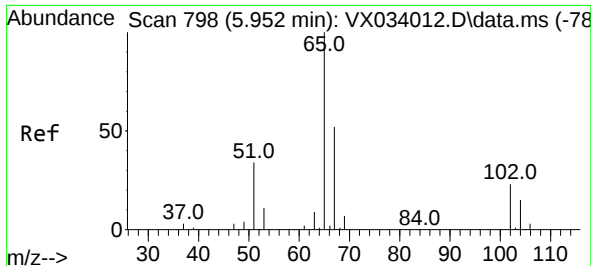
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#32
1,1,1-Trichloroethane
Concen: 48.629 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Tgt Ion: 97 Resp: 109187
Ion Ratio Lower Upper
97 100
99 65.6 52.3 78.5
61 41.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.038 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034012.D

Acq: 03 Feb 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 71579

Ion Ratio Lower Upper

65 100

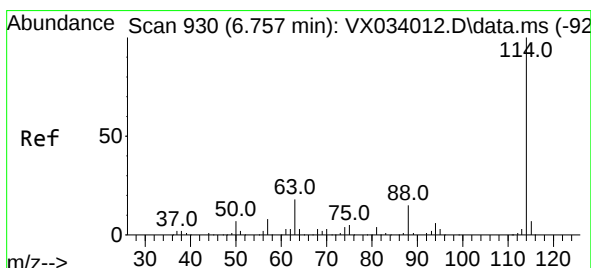
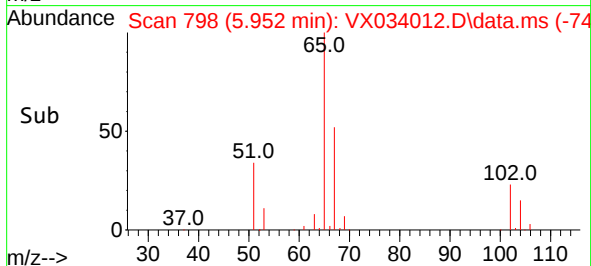
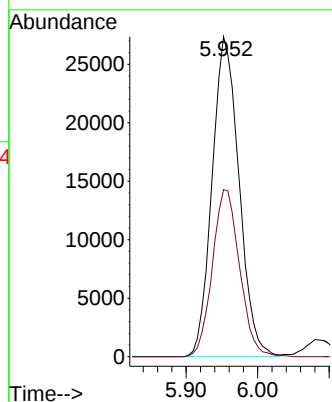
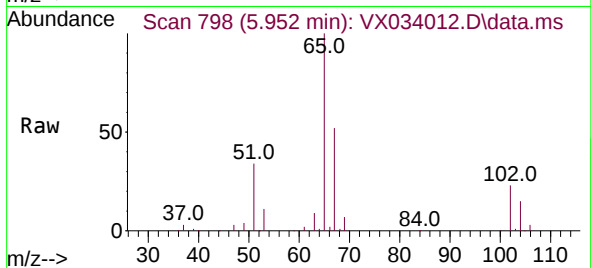
67 52.7 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034012.D

Acq: 03 Feb 2023 15:55

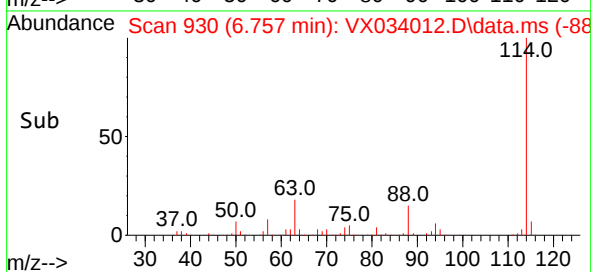
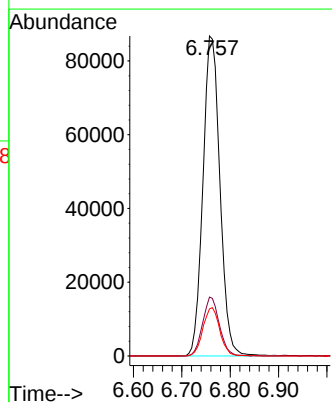
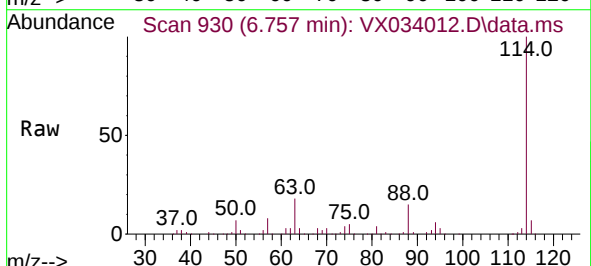
Tgt Ion:114 Resp: 211878

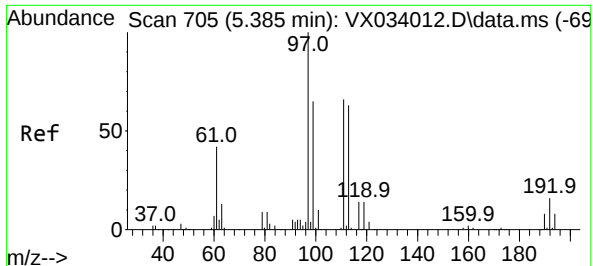
Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

88 14.7 0.0 30.6





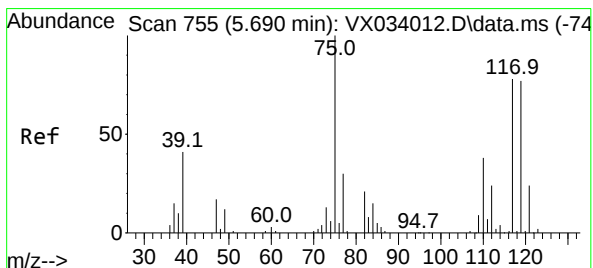
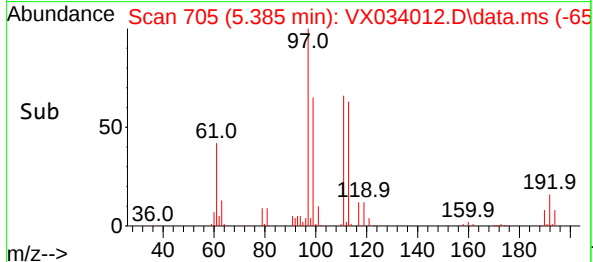
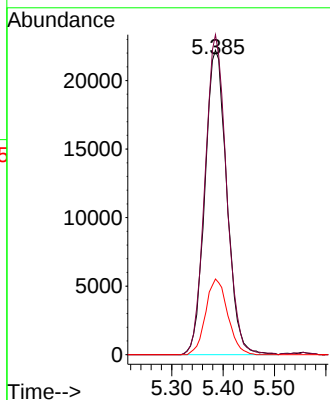
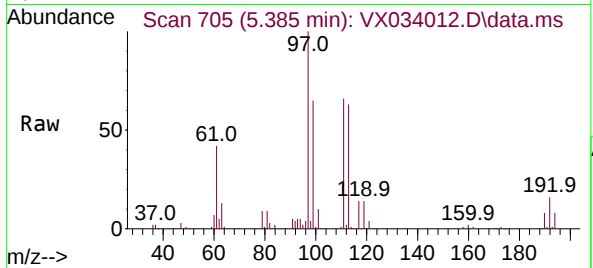
#35
Dibromofluoromethane
Concen: 49.752 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 65829
Ion Ratio Lower Upper
113 100
111 103.2 83.0 124.6
192 25.0 19.0 28.4

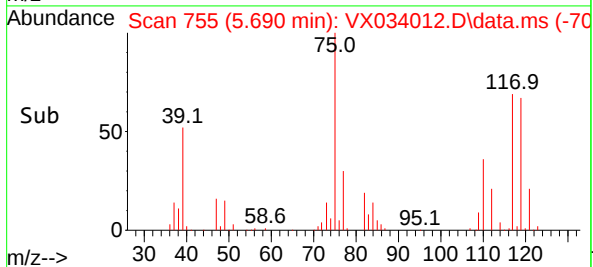
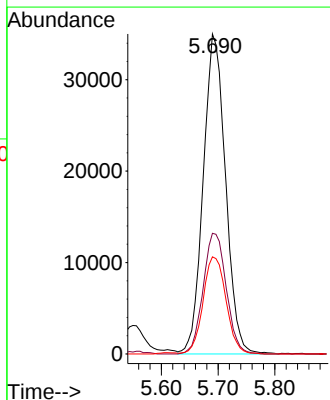
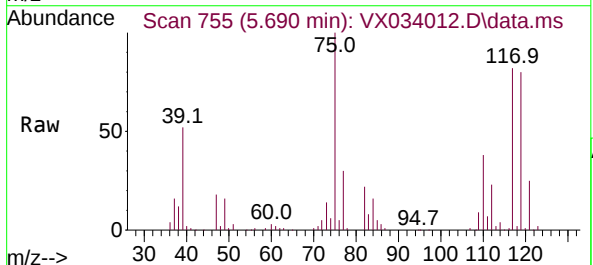
Manual Integrations
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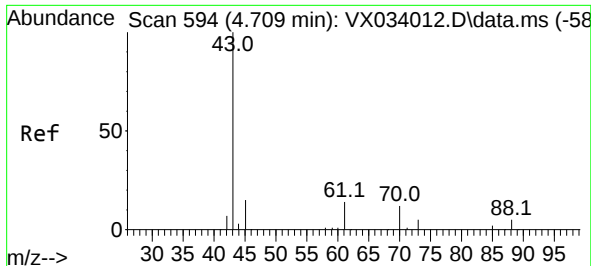
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#36
1,1-Dichloropropene
Concen: 49.859 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Tgt Ion: 75 Resp: 95660
Ion Ratio Lower Upper
75 100
110 39.1 18.8 56.4
77 31.2 25.1 37.7





#37

Ethyl Acetate

Concen: 43.700 ug/l

RT: 4.709 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX034012.D

Acq: 03 Feb 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

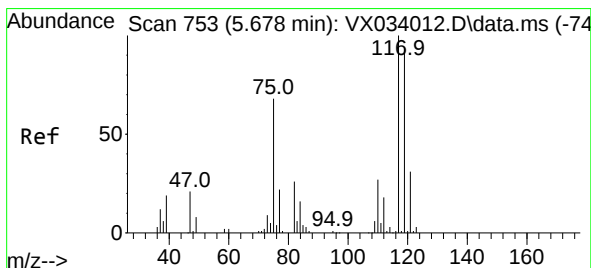
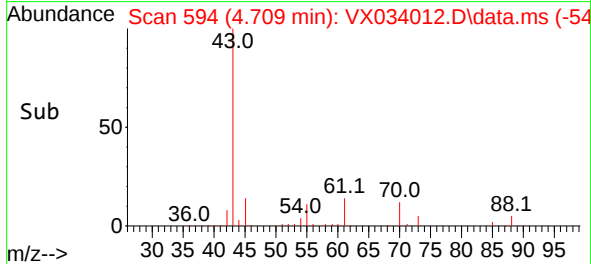
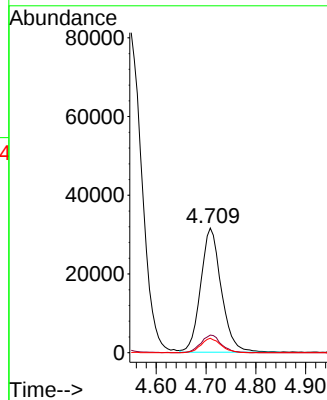
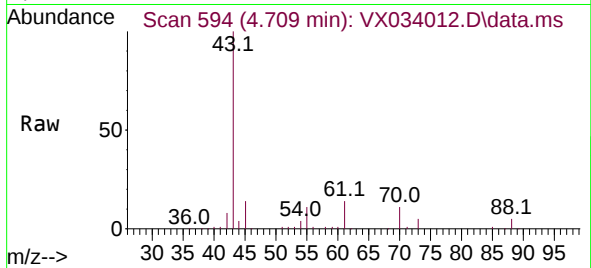
Tgt Ion: 43	Resp: 90850
Ion Ratio	Lower Upper
43 100	
61 14.0	11.1 16.7
70 11.1	8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#38

Carbon Tetrachloride

Concen: 51.330 ug/l

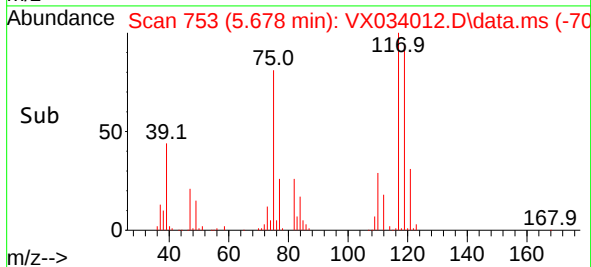
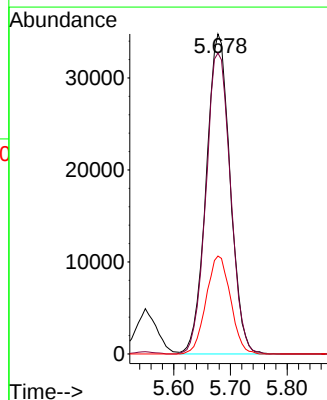
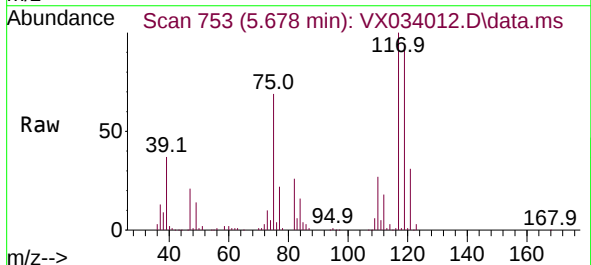
RT: 5.678 min Scan# 753

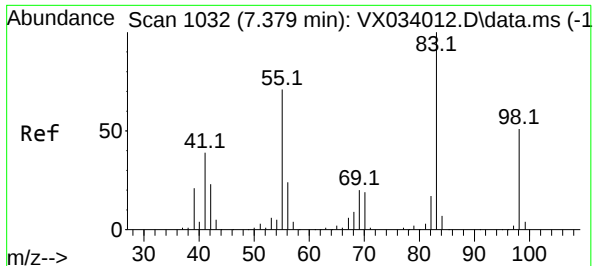
Delta R.T. 0.000 min

Lab File: VX034012.D

Acq: 03 Feb 2023 15:55

Tgt Ion:117	Resp: 102026
Ion Ratio	Lower Upper
117 100	
119 94.0	78.0 117.0
121 30.6	24.4 36.6





#39

Methylcyclohexane

Concen: 50.946 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034012.D

Acq: 03 Feb 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 12107

Ion Ratio Lower Upper

83 100

55 71.1 61.8 92.6

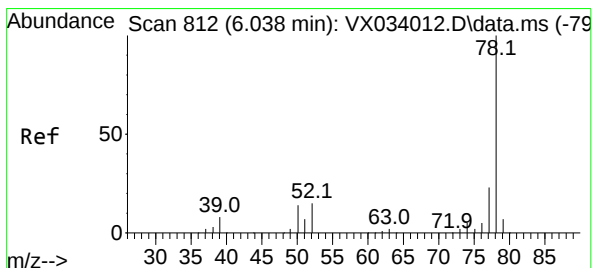
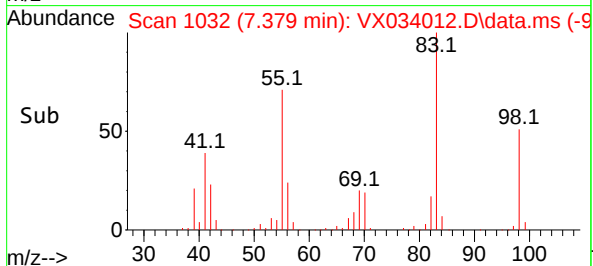
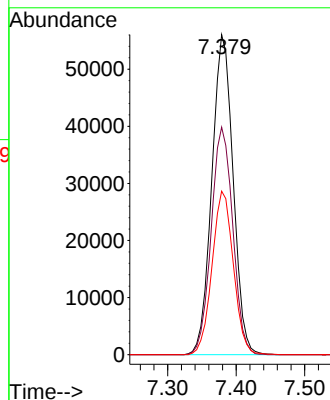
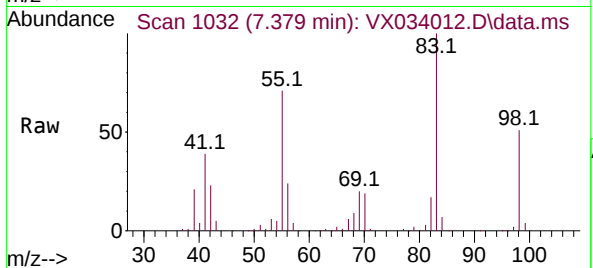
98 51.1 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#40

Benzene

Concen: 49.845 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX034012.D

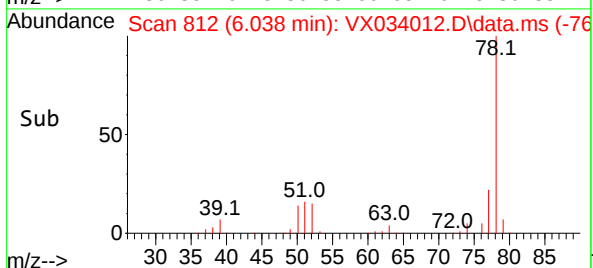
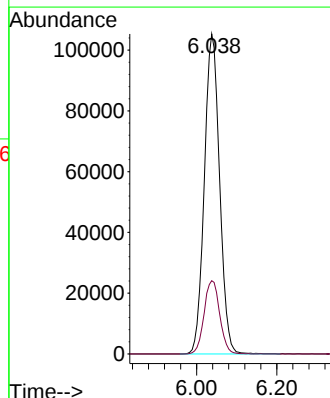
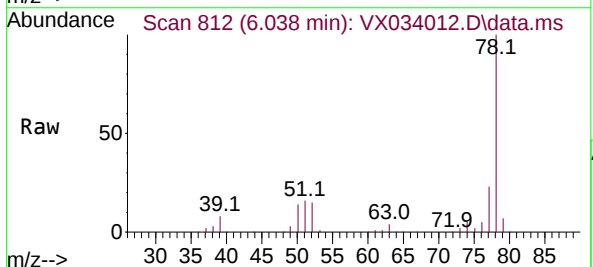
Acq: 03 Feb 2023 15:55

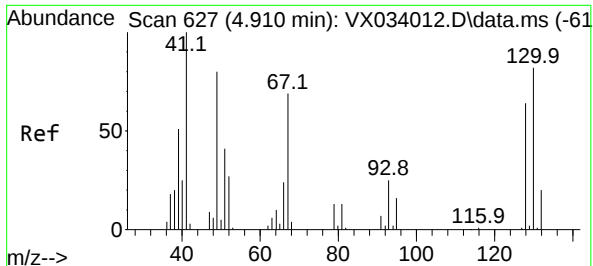
Tgt Ion: 78 Resp: 278208

Ion Ratio Lower Upper

78 100

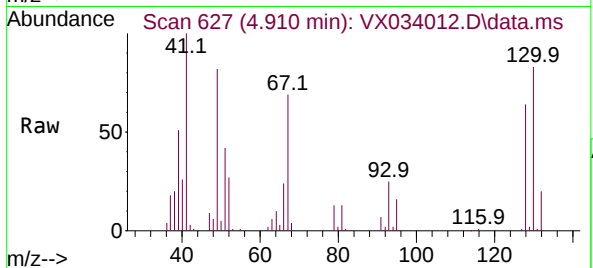
77 22.9 19.0 28.4





#41
Methacrylonitrile
Concen: 48.160 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

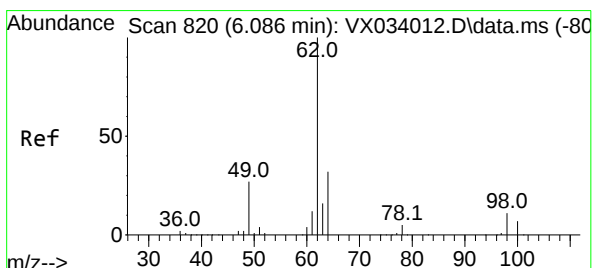
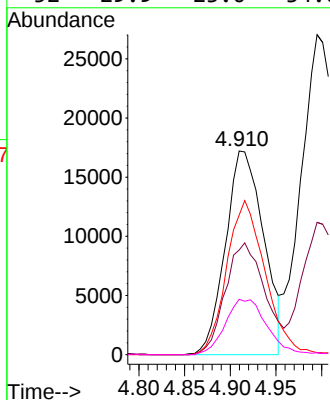
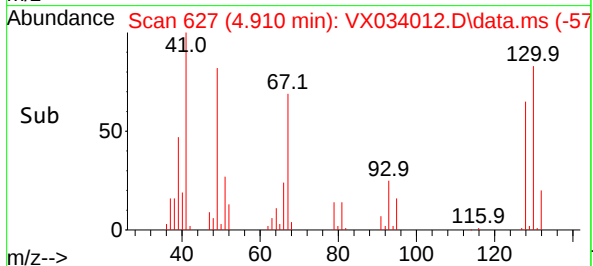
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 5003
Ion Ratio Lower Upper
41 100
39 57.3 43.8 65.6
67 76.9 54.8 82.2
52 29.9 23.0 34.6

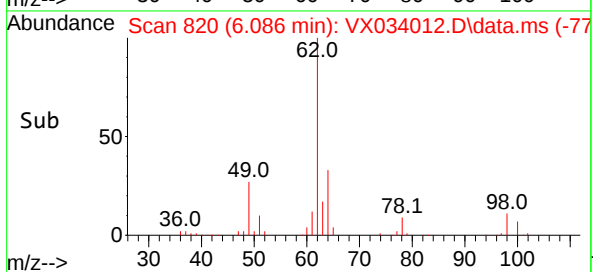
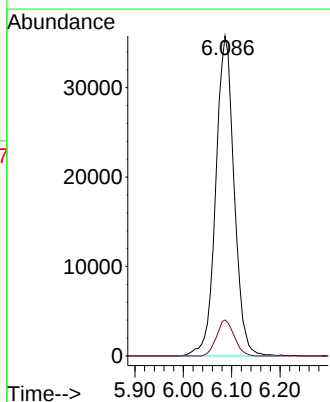
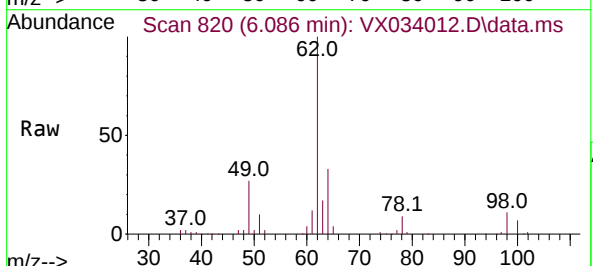
Manual Integrations
APPROVED

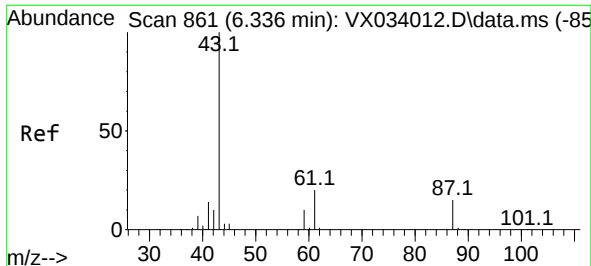
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#42
1,2-Dichloroethane
Concen: 48.013 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

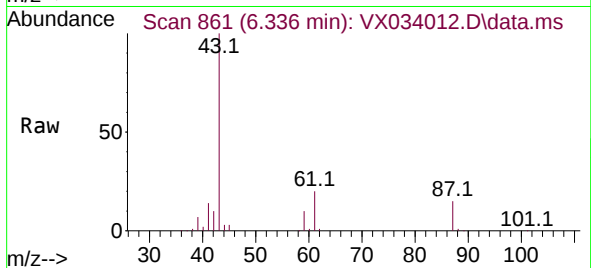
Tgt Ion: 62 Resp: 94344
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.2





#43
Isopropyl Acetate
Concen: 48.090 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

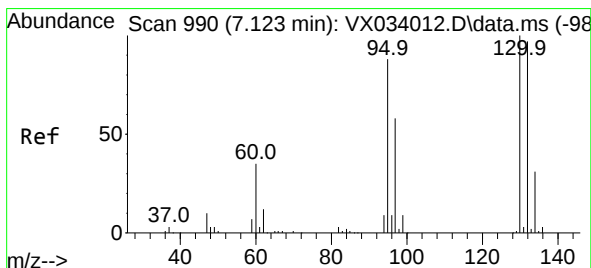
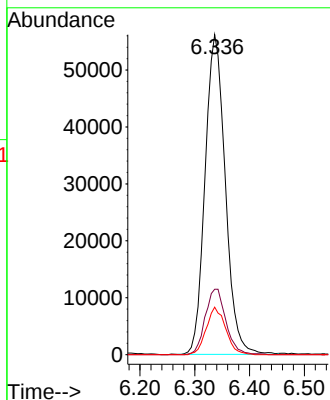
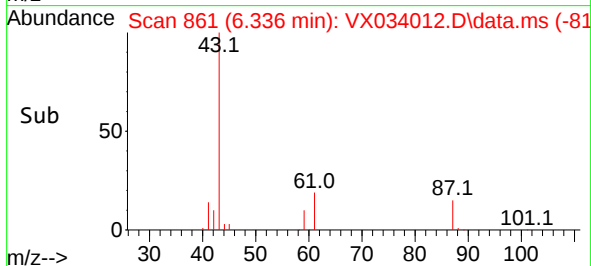
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 14400
Ion Ratio Lower Upper
43 100
61 21.0 15.7 23.5
87 14.2 10.6 15.8

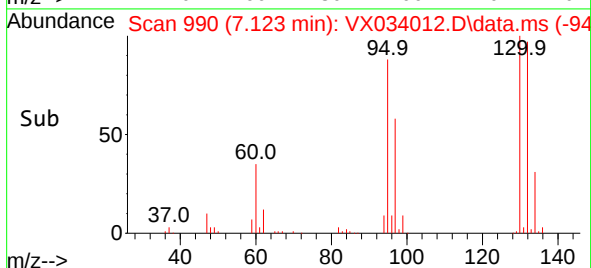
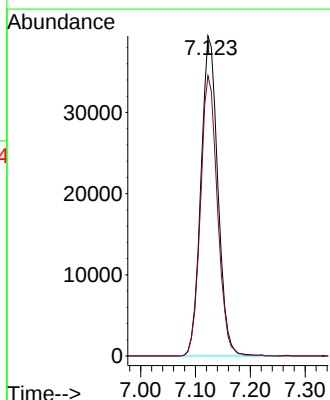
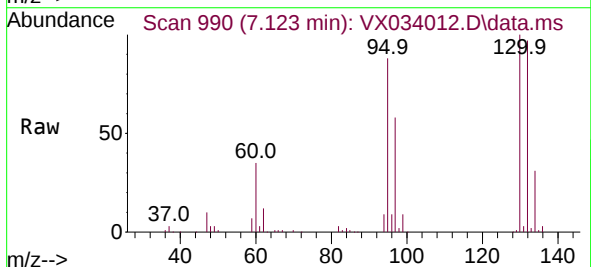
Manual Integrations
APPROVED

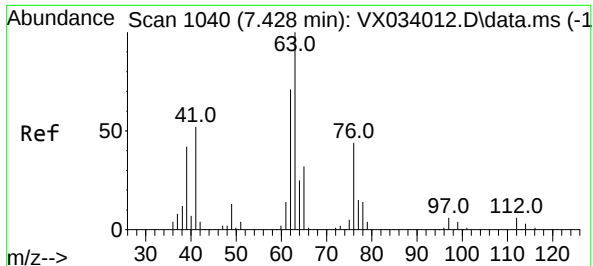
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#44
Trichloroethene
Concen: 53.337 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Tgt Ion:130 Resp: 84352
Ion Ratio Lower Upper
130 100
95 87.6 0.0 182.6





#45

1,2-Dichloropropane

Concen: 49.503 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034012.D

Acq: 03 Feb 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 69000

Ion Ratio Lower Upper

63 100

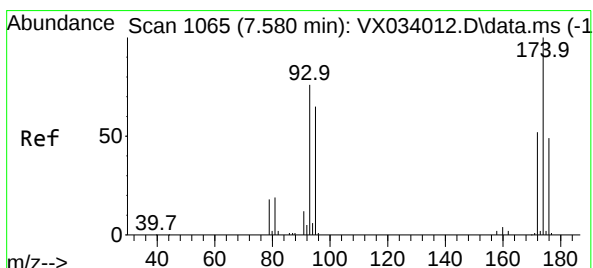
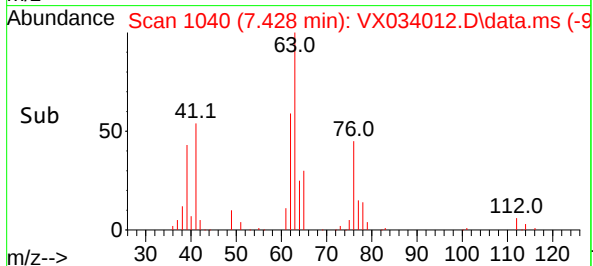
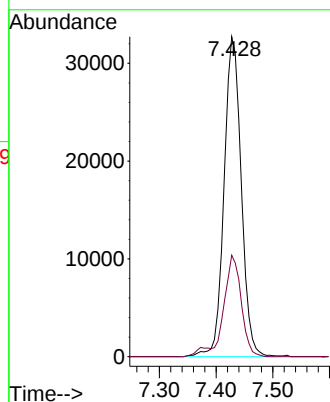
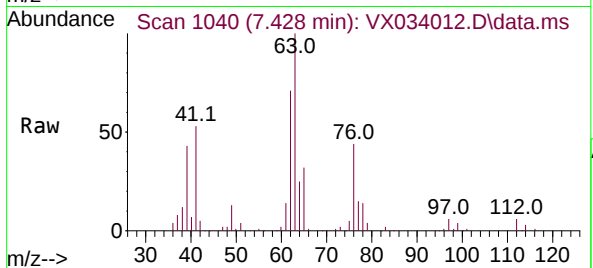
65 31.7 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#46

Dibromomethane

Concen: 50.075 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034012.D

Acq: 03 Feb 2023 15:55

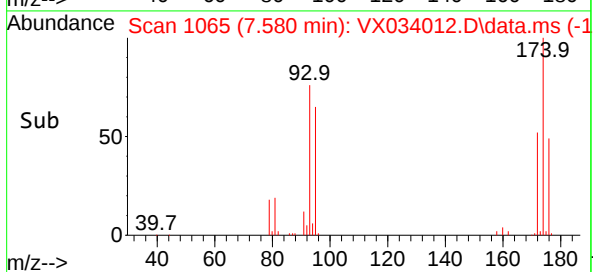
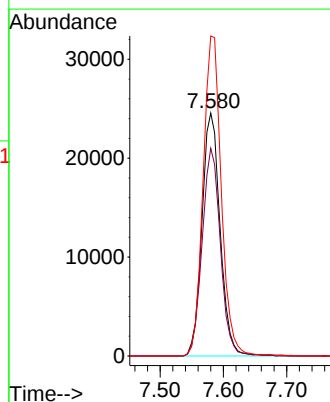
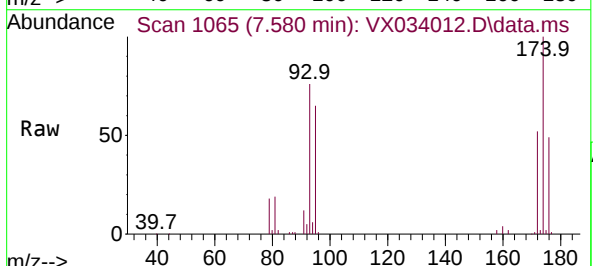
Tgt Ion: 93 Resp: 49004

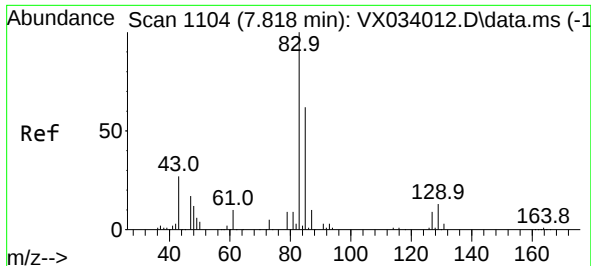
Ion Ratio Lower Upper

93 100

95 85.7 67.6 101.4

174 132.6 97.4 146.0





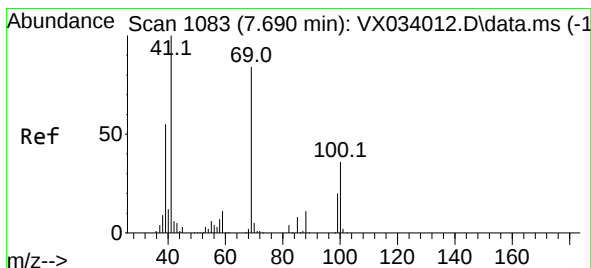
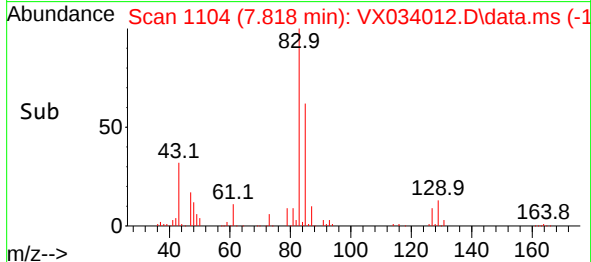
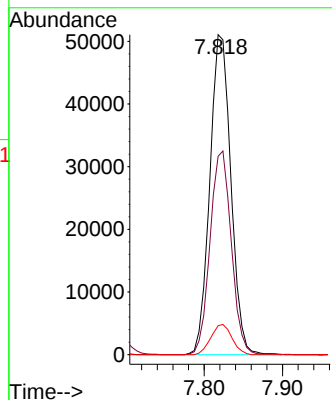
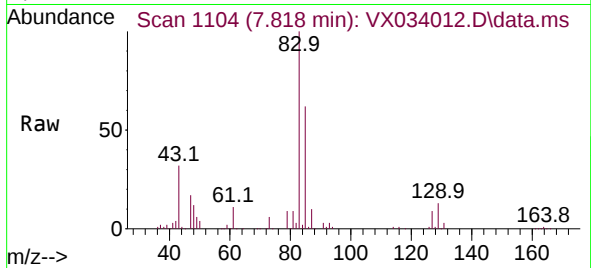
#47
Bromodichloromethane
Concen: 50.757 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 95310
Ion Ratio Lower Upper
83 100
85 62.0 49.8 74.6
127 9.1 7.0 10.4

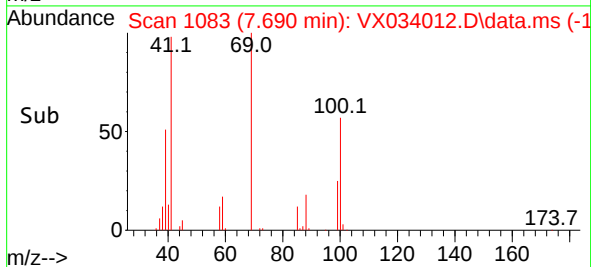
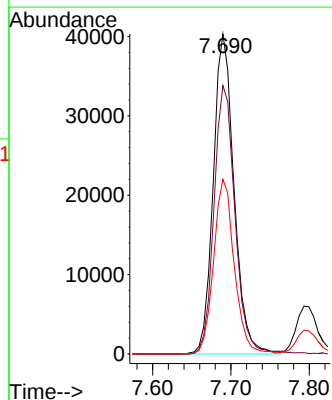
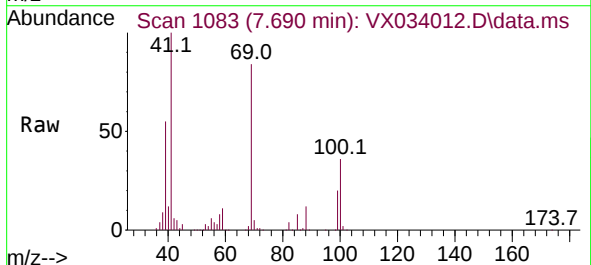
Manual Integrations
APPROVED

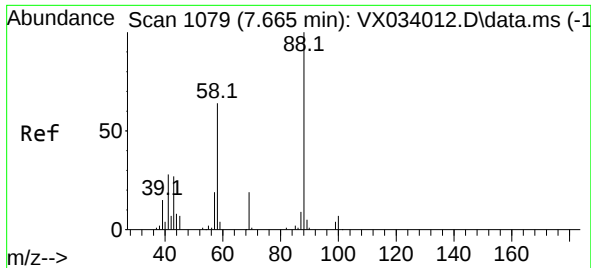
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#48
Methyl methacrylate
Concen: 49.425 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Tgt Ion: 41 Resp: 74386
Ion Ratio Lower Upper
41 100
69 85.0 63.1 94.7
39 54.2 43.2 64.8





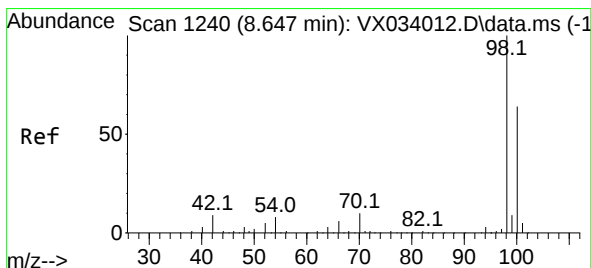
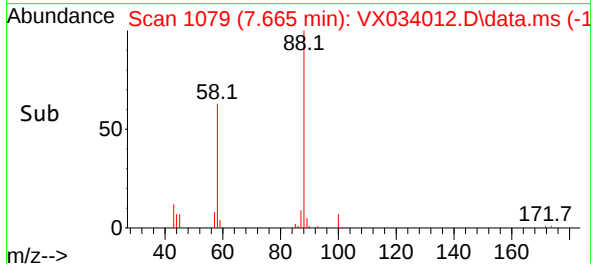
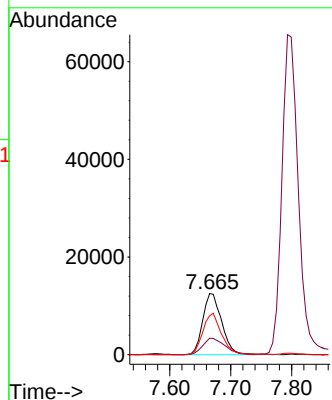
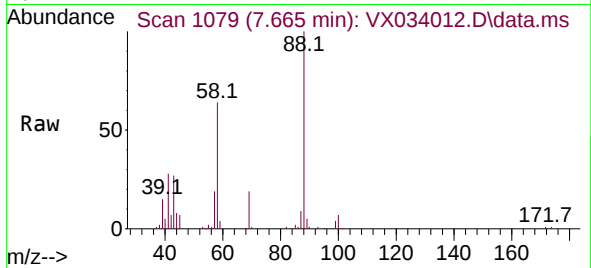
#49
1,4-Dioxane
Concen: 834.150 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 27028
Ion Ratio Lower Upper
88 100
43 31.4 0.0 0.0
58 66.8 56.5 84.7

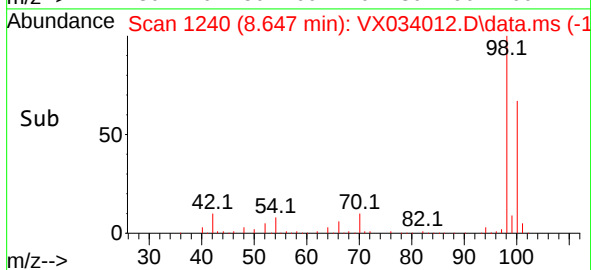
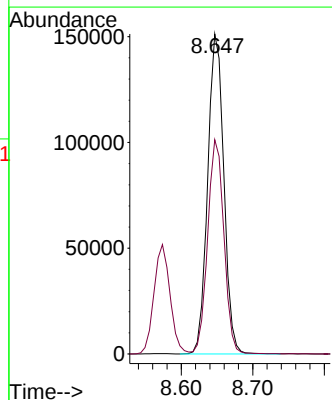
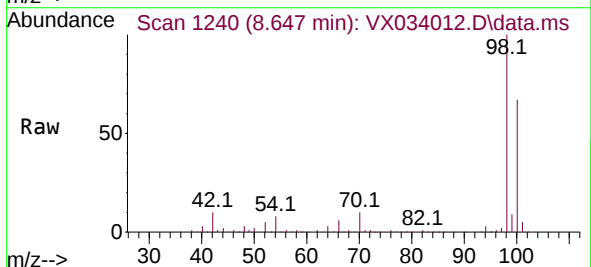
Manual Integrations
APPROVED

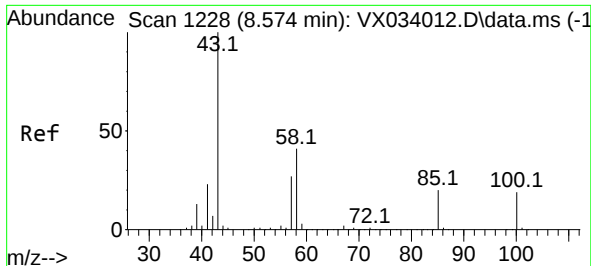
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#50
Toluene-d8
Concen: 49.463 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

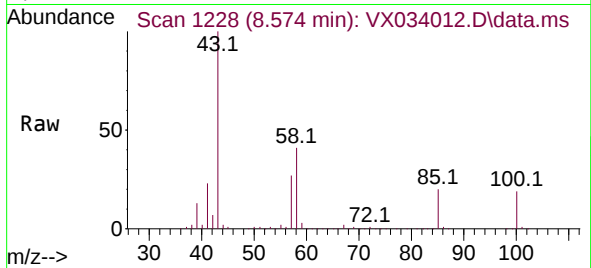
Tgt Ion: 98 Resp: 237164
Ion Ratio Lower Upper
98 100
100 67.4 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 242.862 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

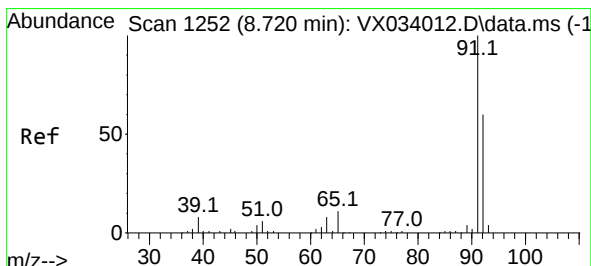
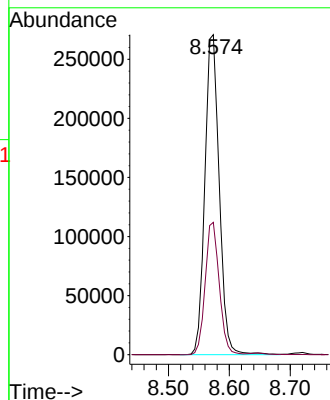
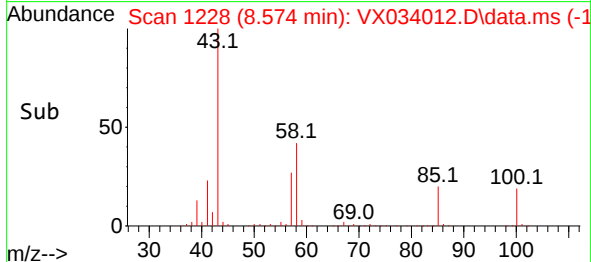
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



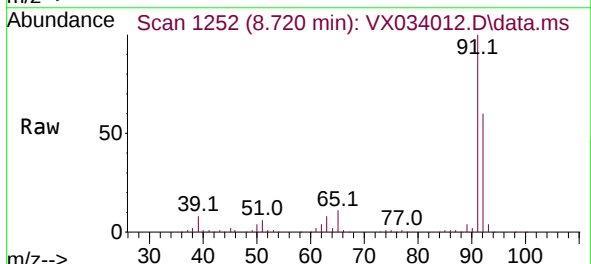
Tgt Ion: 43 Resp: 444610
Ion Ratio Lower Upper
43 100
58 40.4 31.2 46.8

Manual Integrations
APPROVED

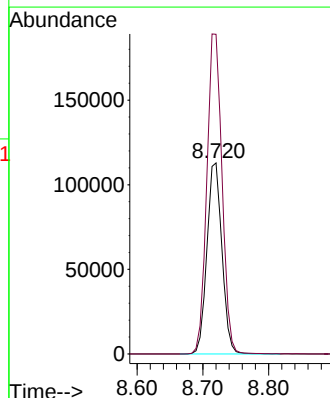
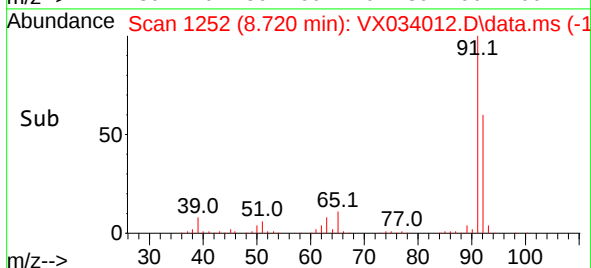
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

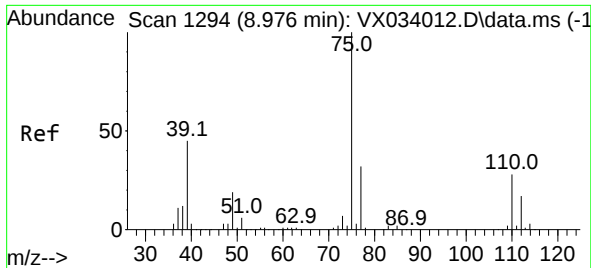


#52
Toluene
Concen: 49.821 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55



Tgt Ion: 92 Resp: 179320
Ion Ratio Lower Upper
92 100
91 169.6 135.5 203.3





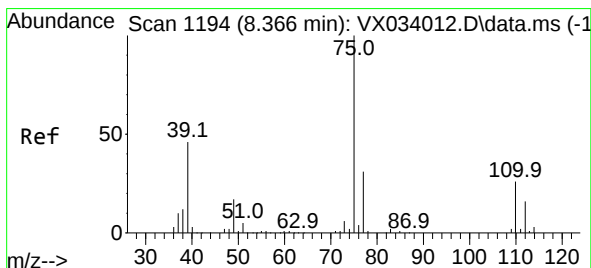
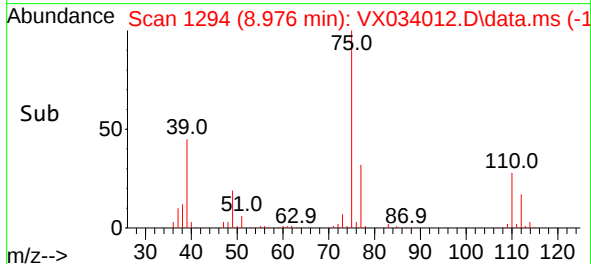
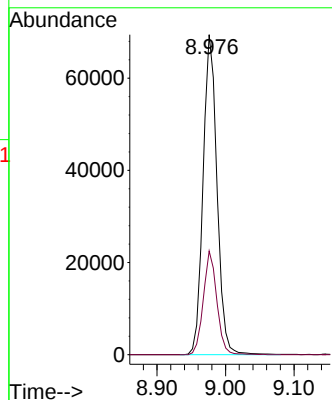
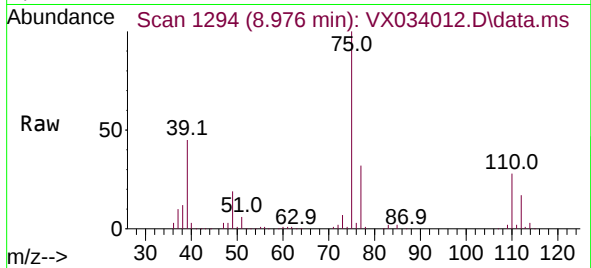
#53
t-1,3-Dichloropropene
Concen: 52.490 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 9848
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3

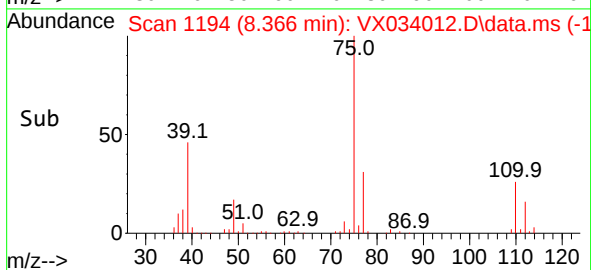
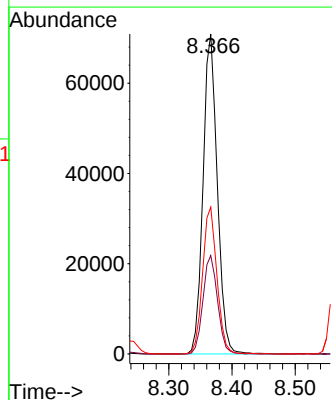
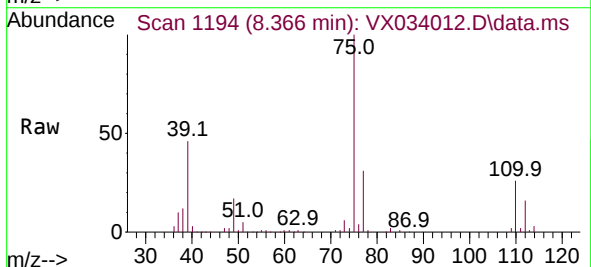
Manual Integrations
APPROVED

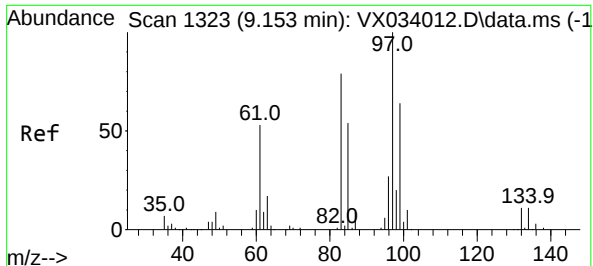
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#54
cis-1,3-Dichloropropene
Concen: 52.828 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

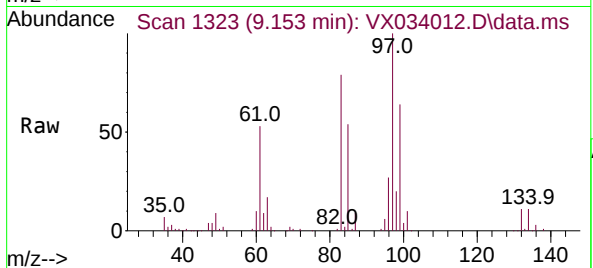
Tgt Ion: 75 Resp: 111320
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.6
39 45.9 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 50.368 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

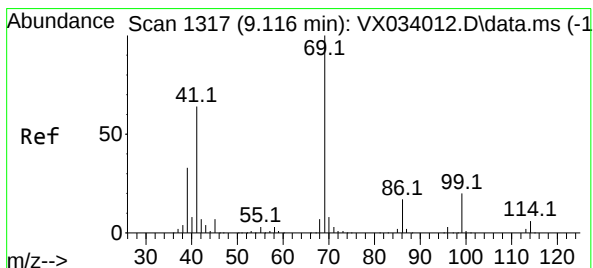
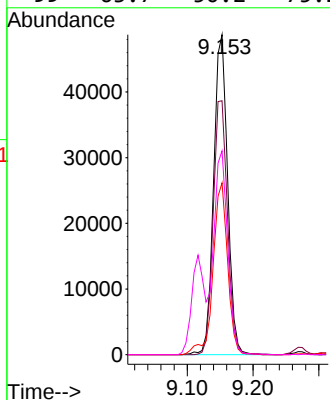
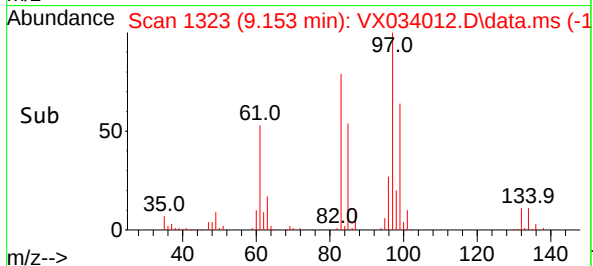


Tgt Ion: 97 Resp: 72060

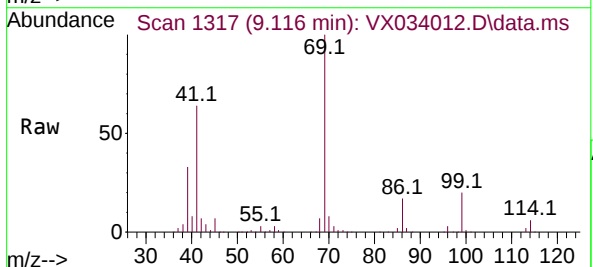
Ion	Ratio	Lower	Upper
97	100		
83	79.3	67.4	101.0
85	53.7	43.2	64.8
99	63.7	50.2	75.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

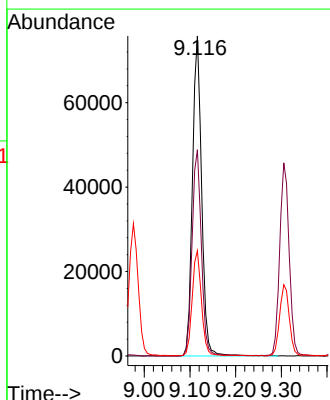
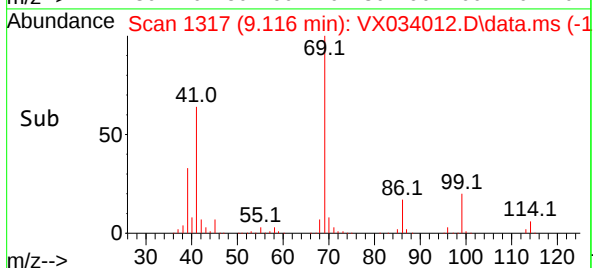


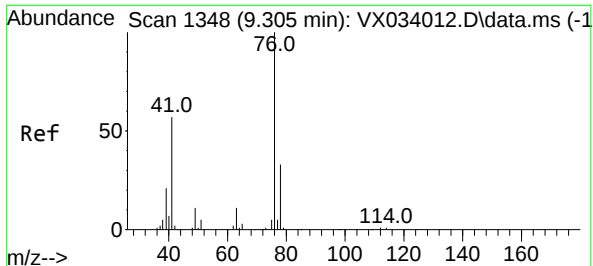
#56
Ethyl methacrylate
Concen: 52.822 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55



Tgt Ion: 69 Resp: 105850

Ion	Ratio	Lower	Upper
69	100		
41	65.3	55.1	82.7
39	33.0	28.5	42.7





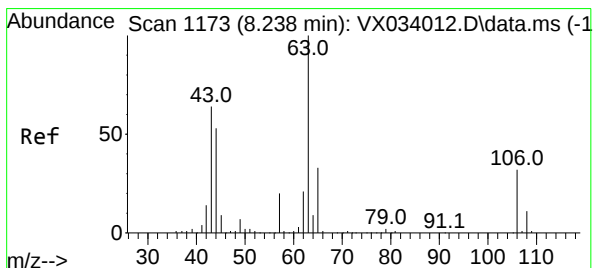
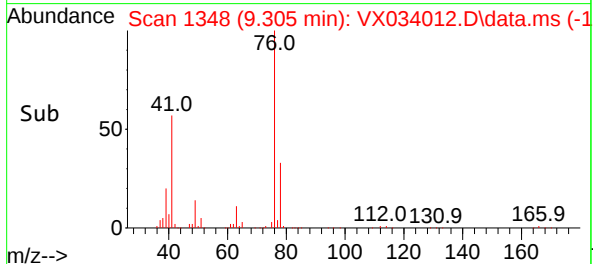
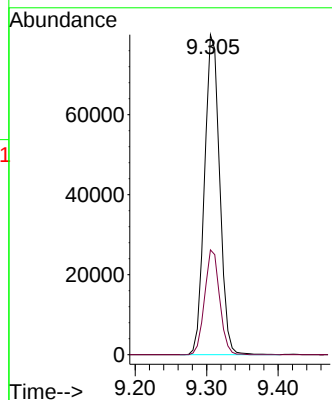
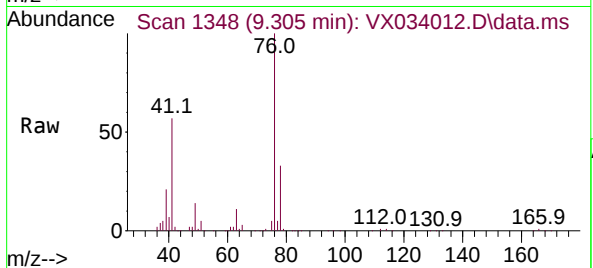
#57
1,3-Dichloropropane
Concen: 51.085 ug/l
RT: 9.305 min Scan# 11775
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 11775
Ion Ratio Lower Upper
76 100
78 32.4 25.6 38.4

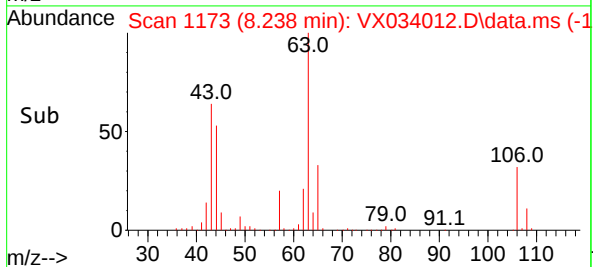
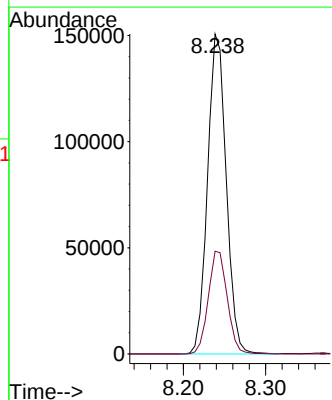
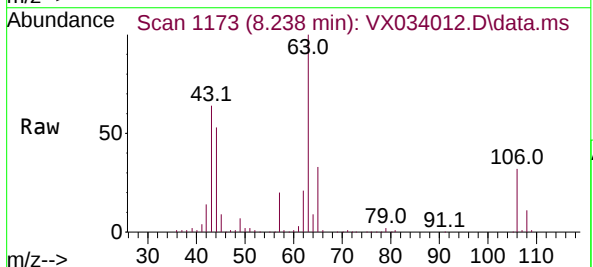
Manual Integrations
APPROVED

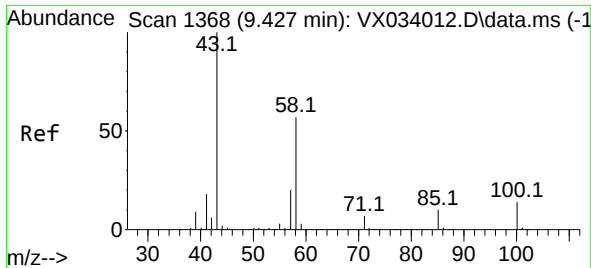
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#58
2-Chloroethyl Vinyl ether
Concen: 242.880 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

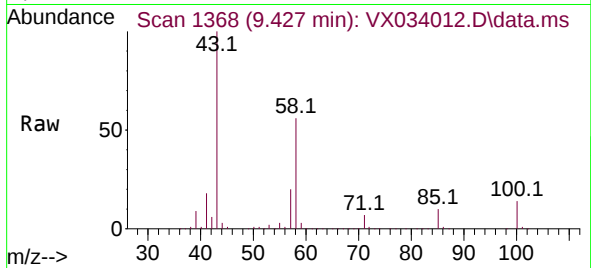
Tgt Ion: 63 Resp: 237852
Ion Ratio Lower Upper
63 100
106 32.6 24.5 36.7





#59
2-Hexanone
Concen: 255.513 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

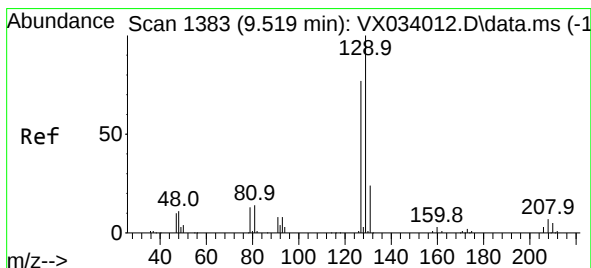
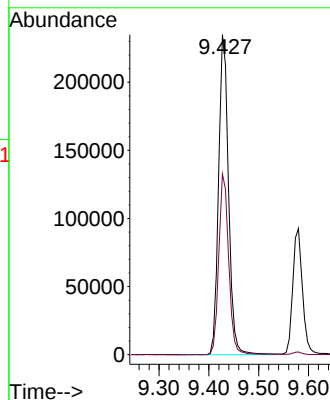
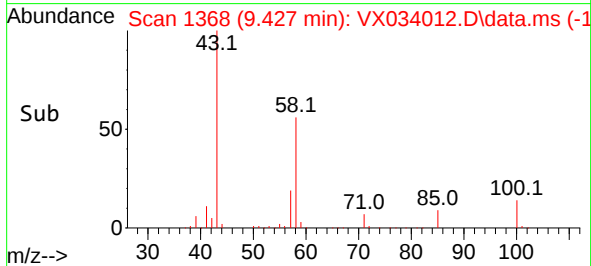
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



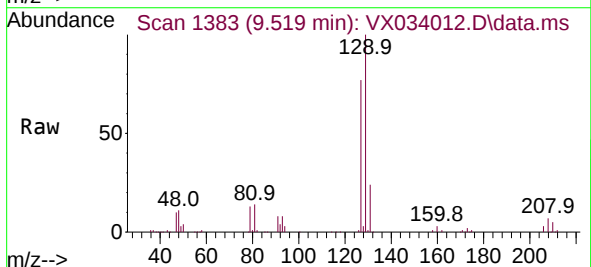
Tgt Ion: 43 Resp: 325340
Ion Ratio Lower Upper
43 100
58 56.4 27.4 82.0

Manual Integrations
APPROVED

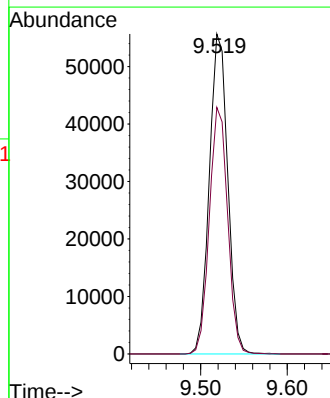
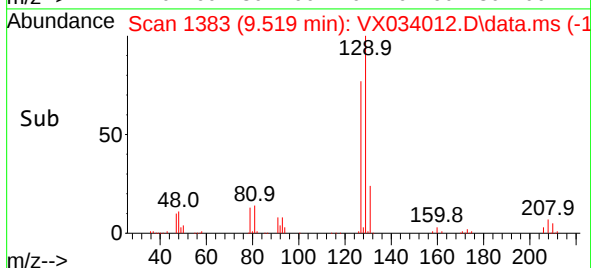
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

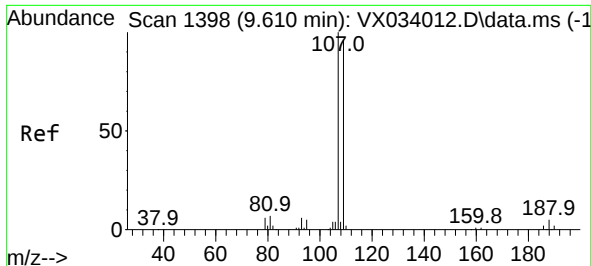


#60
Dibromochloromethane
Concen: 55.359 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55



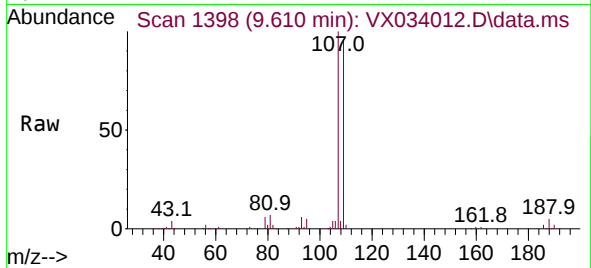
Tgt Ion:129 Resp: 82295
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.3





#61
1,2-Dibromoethane
Concen: 54.365 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

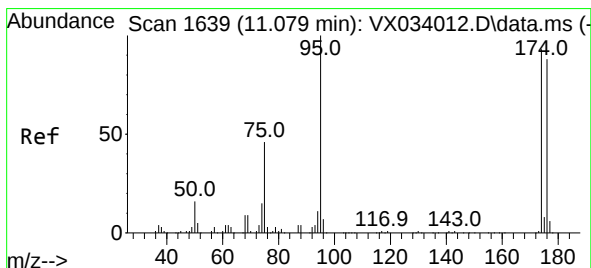
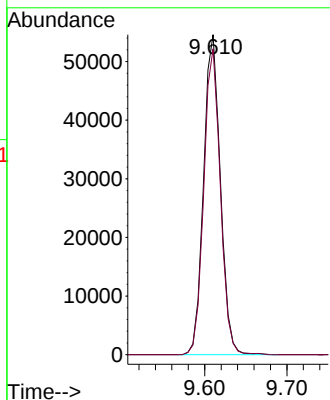
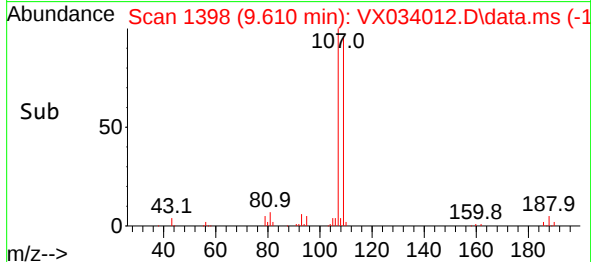
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



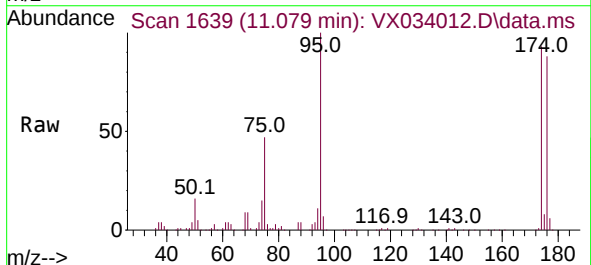
Tgt Ion:107 Resp: 77340
Ion Ratio Lower Upper
107 100
109 94.3 74.2 111.2

Manual Integrations
APPROVED

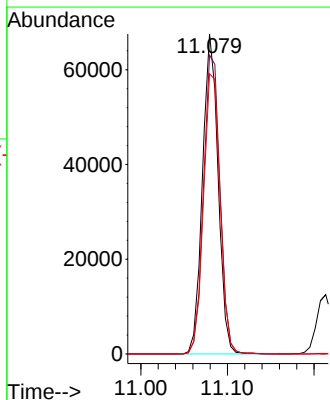
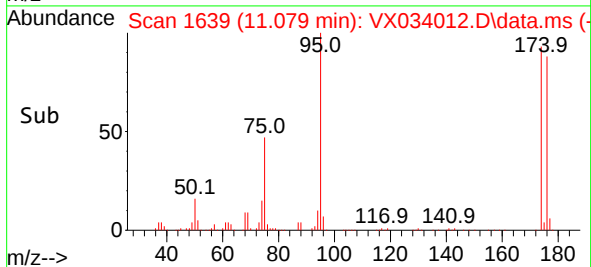
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

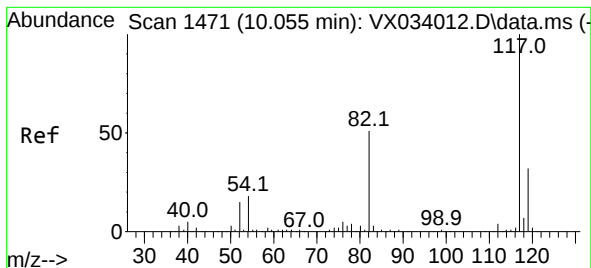


#62
4-Bromofluorobenzene
Concen: 47.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55



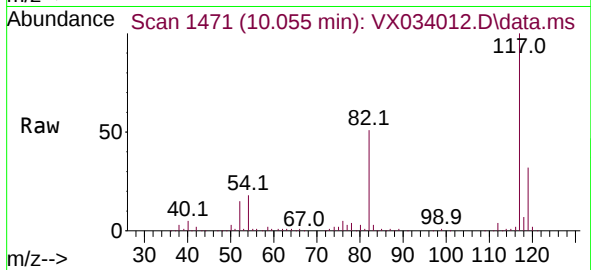
Tgt Ion: 95 Resp: 84539
Ion Ratio Lower Upper
95 100
174 98.7 0.0 184.4
176 93.4 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

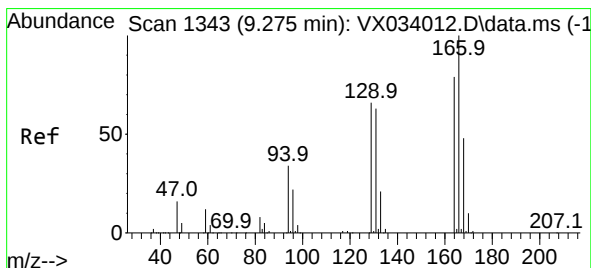
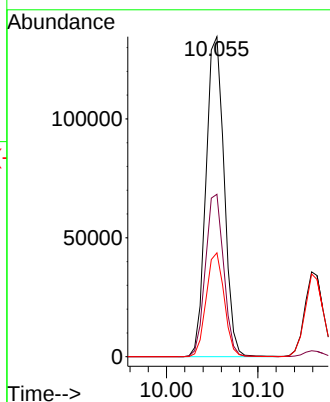
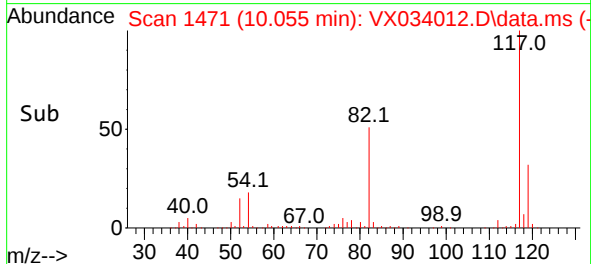
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



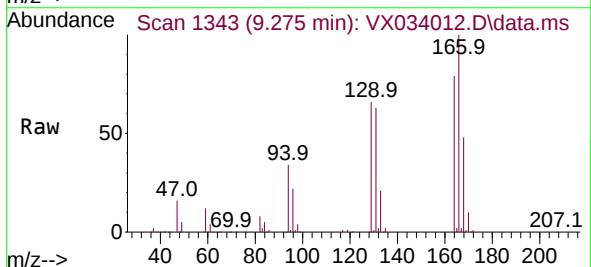
Tgt Ion:117 Resp: 185339
Ion Ratio Lower Upper
117 100
82 50.7 40.6 60.8
119 32.5 25.6 38.4

Manual Integrations
APPROVED

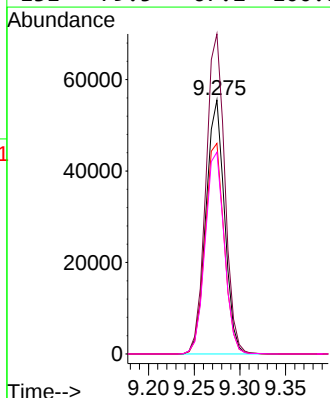
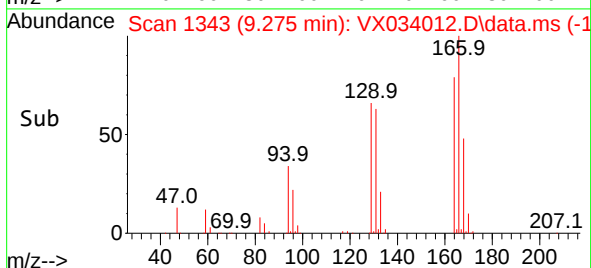
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

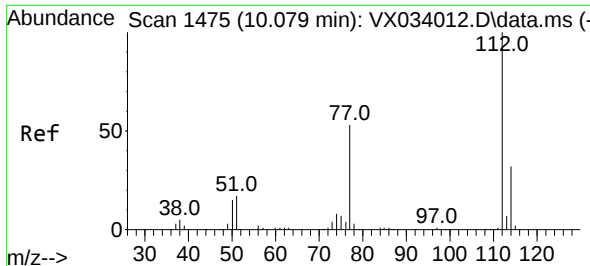


#64
Tetrachloroethene
Concen: 54.406 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55



Tgt Ion:164 Resp: 78635
Ion Ratio Lower Upper
164 100
166 126.1 100.2 150.2
129 82.9 69.2 103.8
131 79.5 67.2 100.8





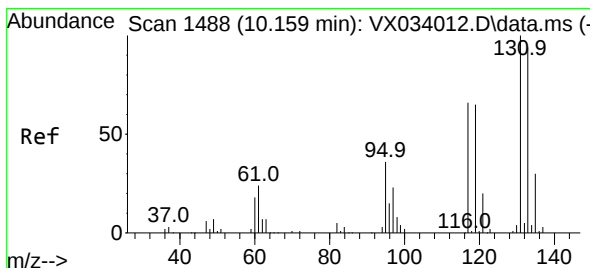
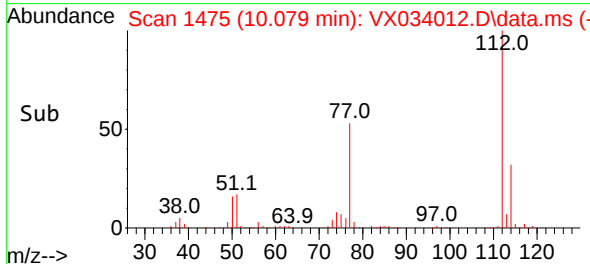
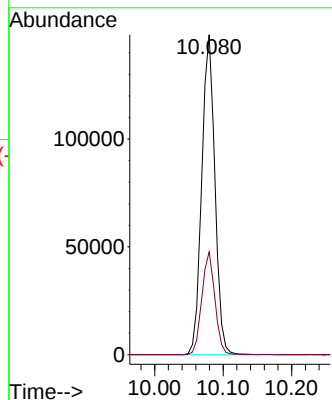
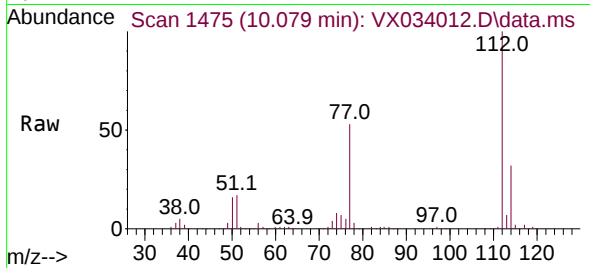
#65
Chlorobenzene
Concen: 51.452 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 198576
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4

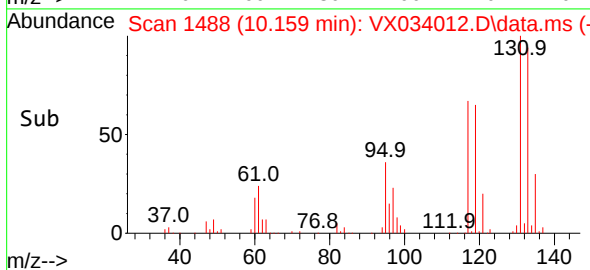
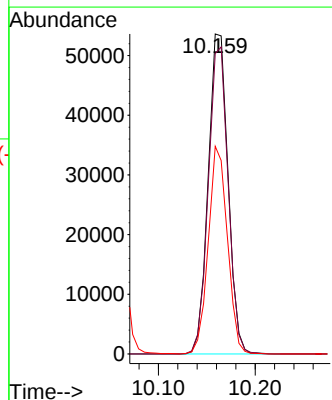
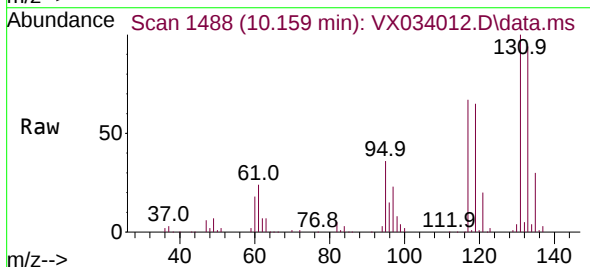
Manual Integrations
APPROVED

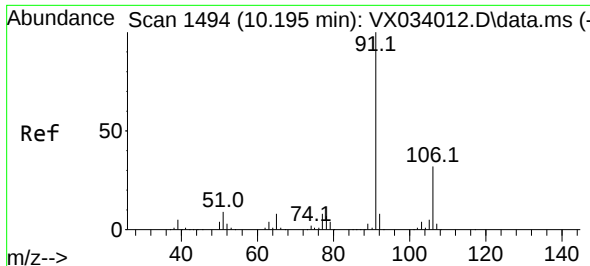
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.690 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

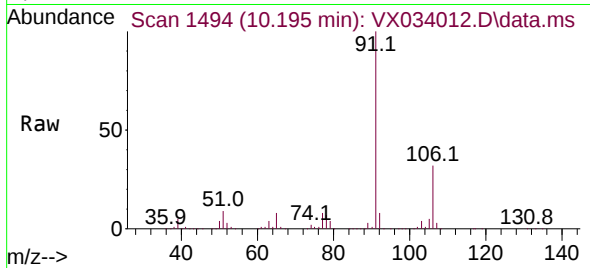
Tgt Ion:131 Resp: 76576
Ion Ratio Lower Upper
131 100
133 95.9 48.4 145.0
119 62.6 31.9 95.7





#67
Ethyl Benzene
Concen: 51.316 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

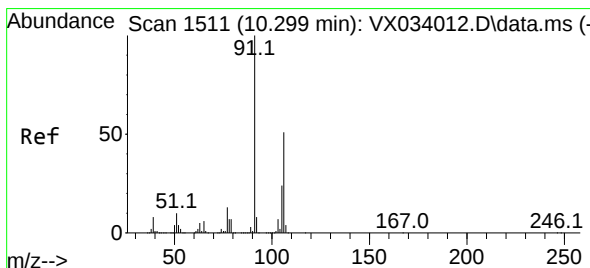
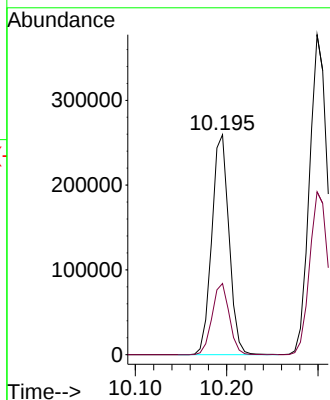
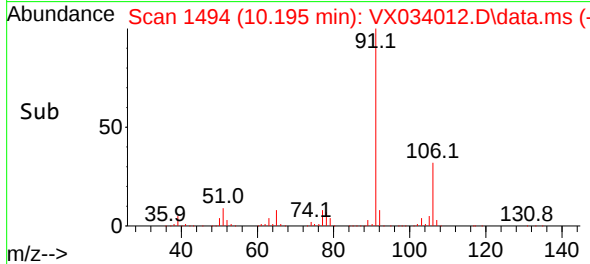
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



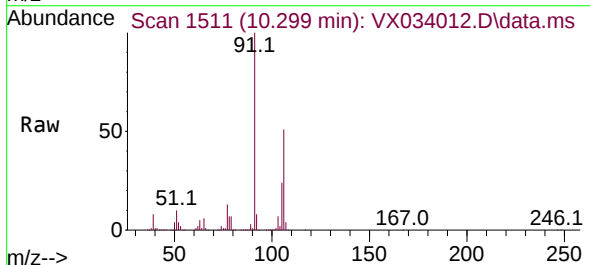
Tgt Ion: 91 Resp: 33812
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.8

Manual Integrations
APPROVED

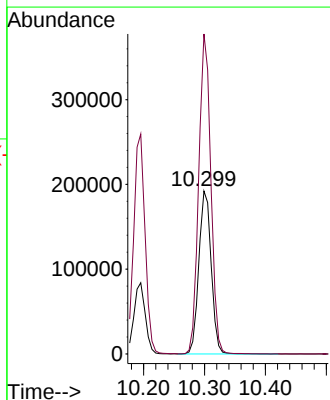
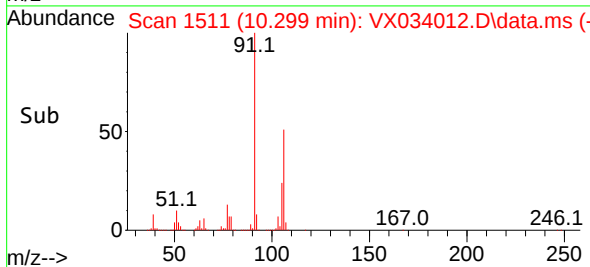
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

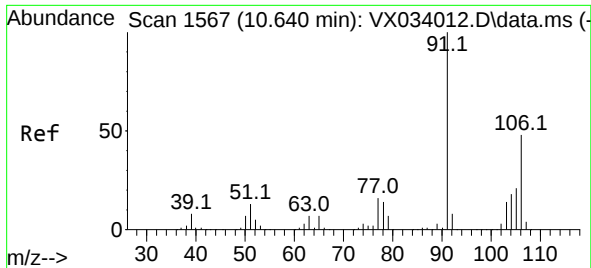


#68
m/p-Xylenes
Concen: 104.480 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55



Tgt Ion:106 Resp: 270030
Ion Ratio Lower Upper
106 100
91 192.8 156.4 234.6





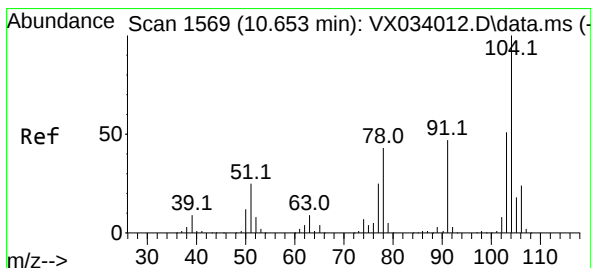
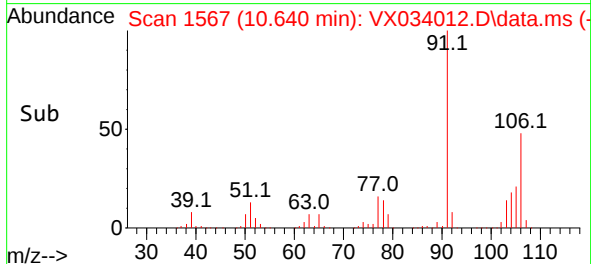
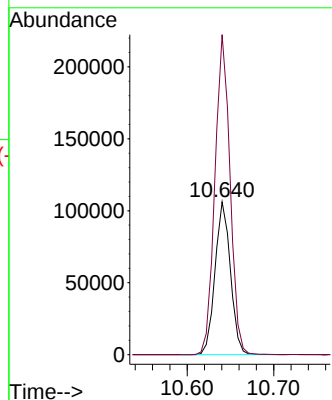
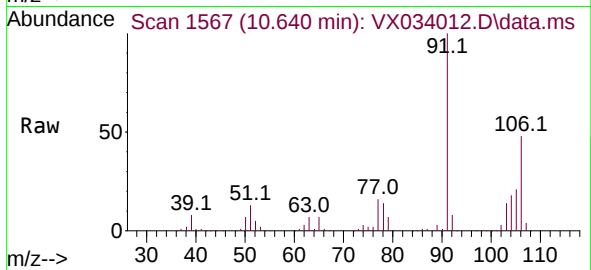
#69
o-Xylene
Concen: 51.342 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 131063
Ion Ratio Lower Upper
106 100
91 206.4 103.1 309.3

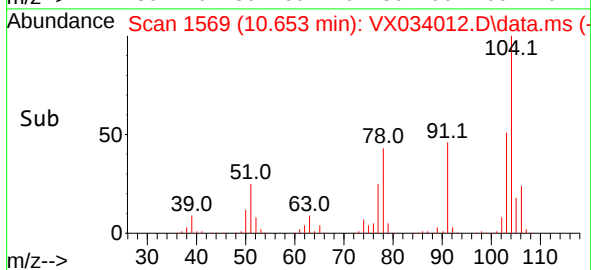
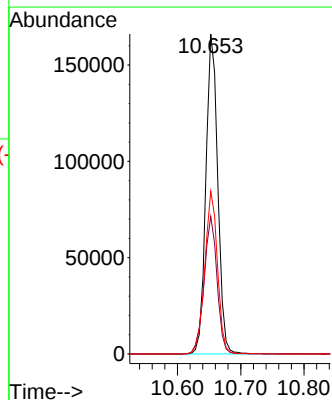
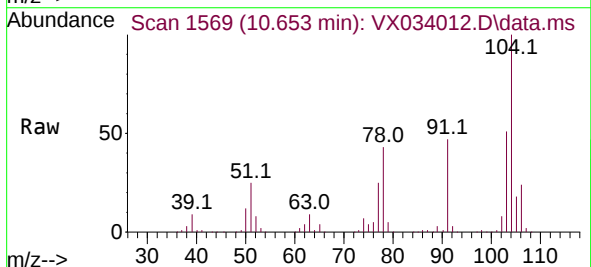
Manual Integrations
APPROVED

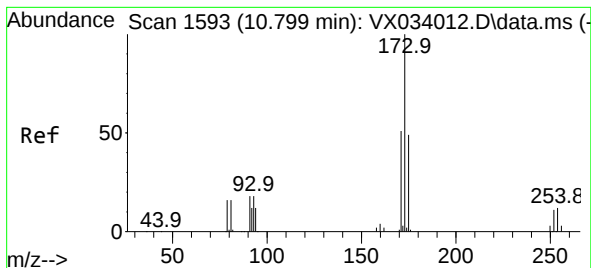
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#70
Styrene
Concen: 52.523 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

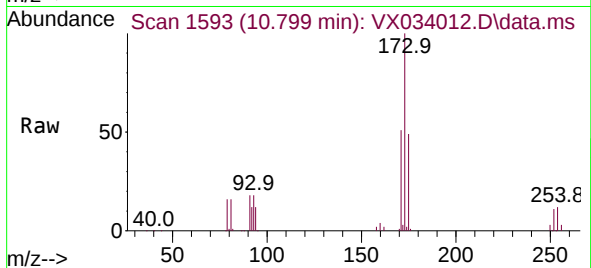
Tgt Ion:104 Resp: 217904
Ion Ratio Lower Upper
104 100
78 46.7 37.5 56.3
103 54.5 43.3 64.9





#71
Bromoform
Concen: 53.925 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

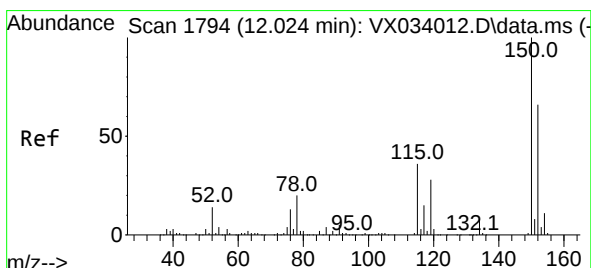
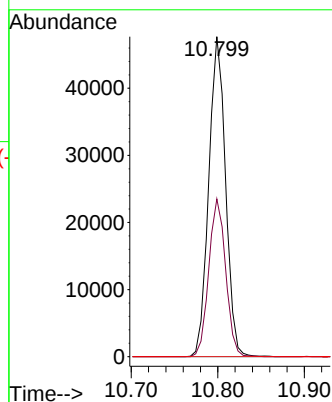
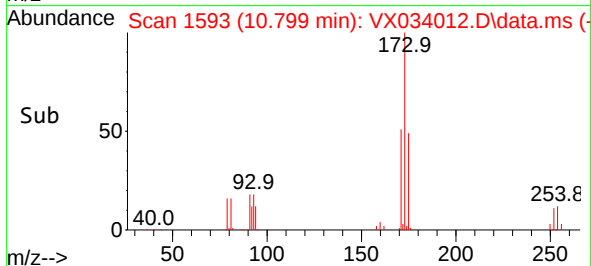
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



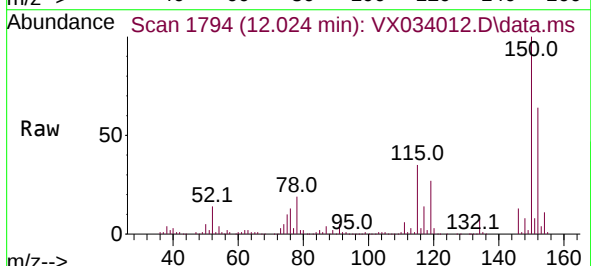
Tgt Ion:173 Resp: 64215
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

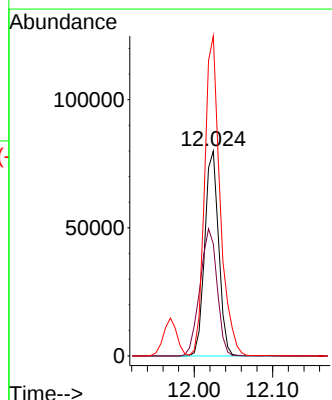
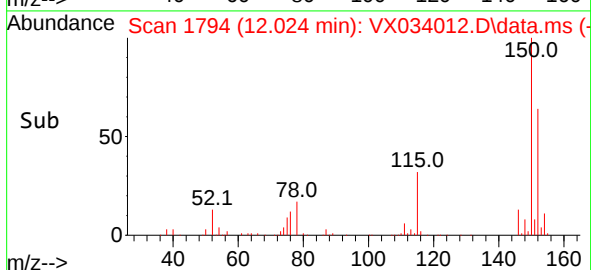
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

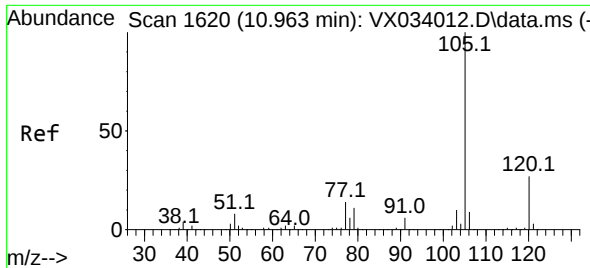


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55



Tgt Ion:152 Resp: 98505
Ion Ratio Lower Upper
152 100
115 76.3 38.7 116.1
150 173.6 0.0 348.2





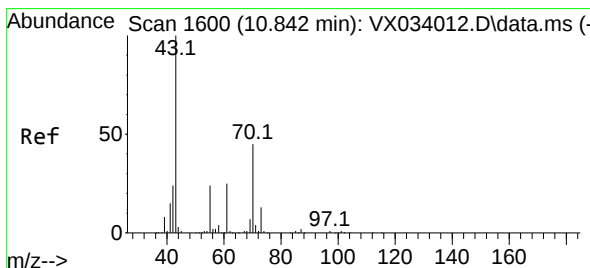
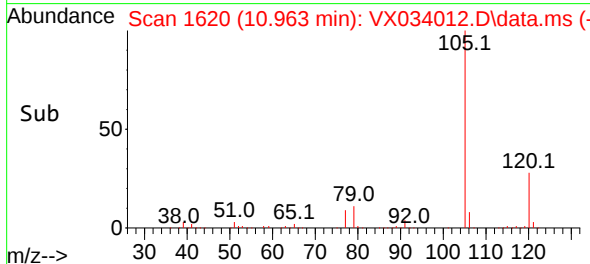
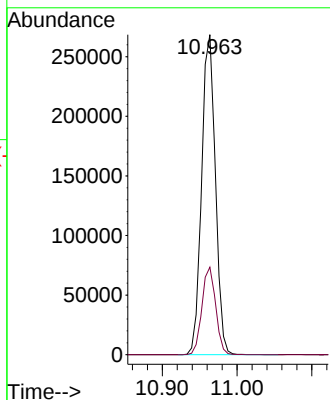
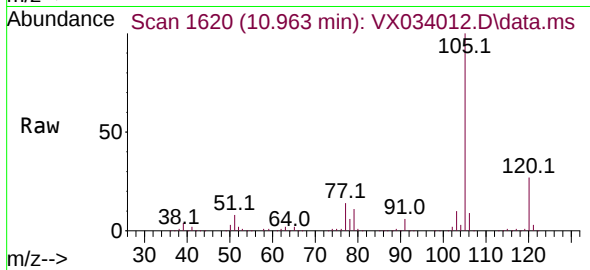
#73
Isopropylbenzene
Concen: 47.673 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 343219
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.8

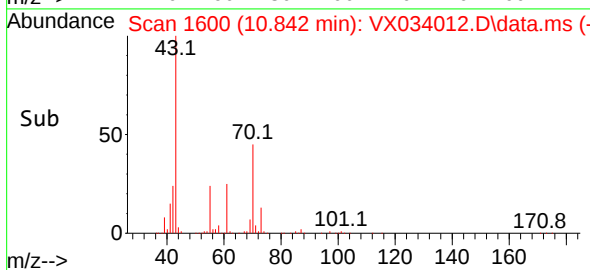
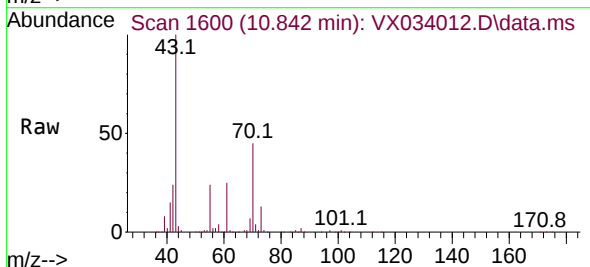
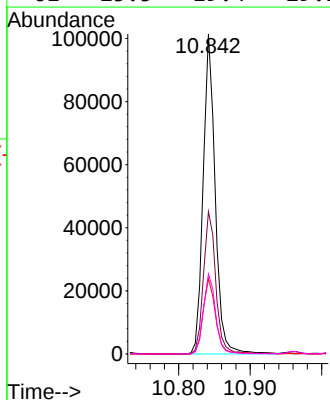
Manual Integrations
APPROVED

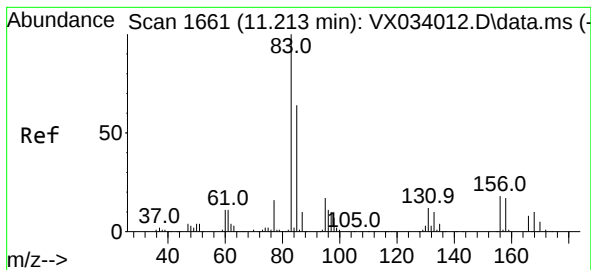
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#74
N-ethyl acetate
Concen: 46.718 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Tgt Ion: 43 Resp: 119014
Ion Ratio Lower Upper
43 100
70 45.8 34.8 52.2
55 24.5 19.4 29.0
61 25.5 19.4 29.2





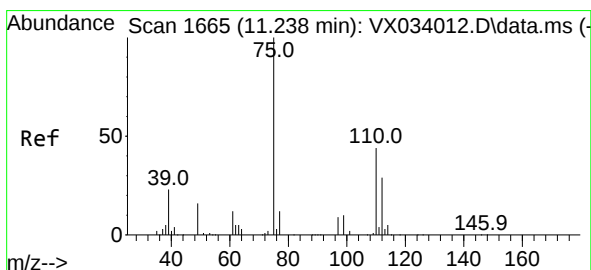
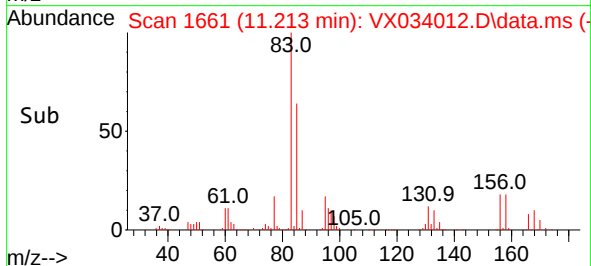
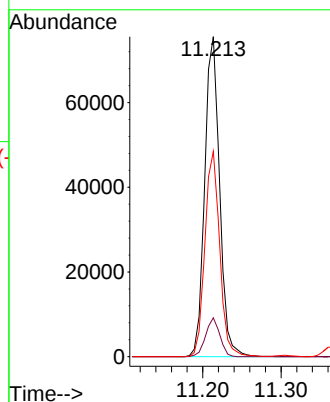
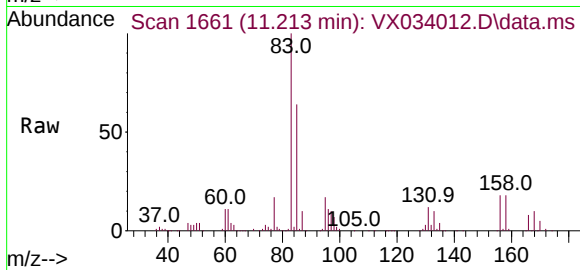
#75
1,1,2,2-Tetrachloroethane
Concen: 46.172 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 99662
Ion Ratio Lower Upper
83 100
131 11.6 5.5 16.7
85 63.8 32.3 96.9

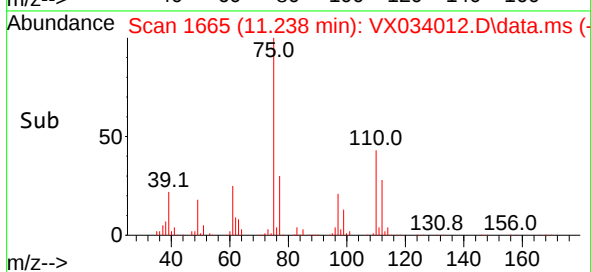
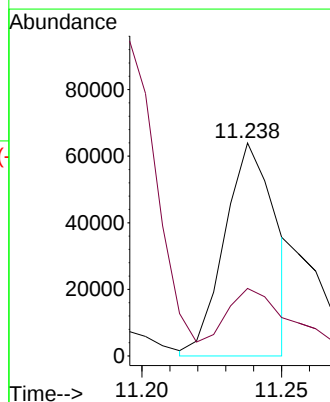
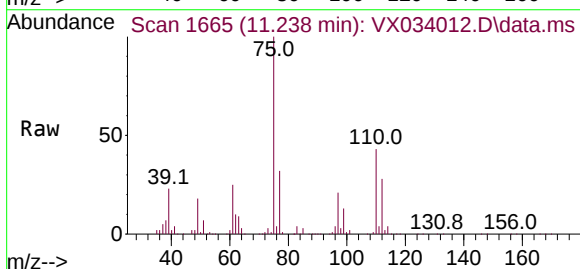
Manual Integrations
APPROVED

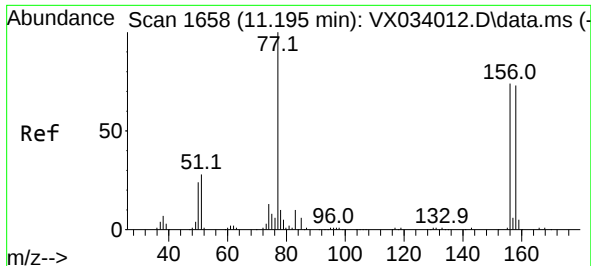
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#76
1,2,3-Trichloropropane
Concen: 44.790 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

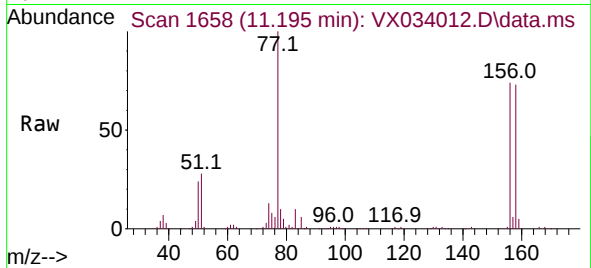
Tgt Ion: 75 Resp: 81082
Ion Ratio Lower Upper
75 100
77 43.0 21.8 65.4





#77
Bromobenzene
Concen: 48.262 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

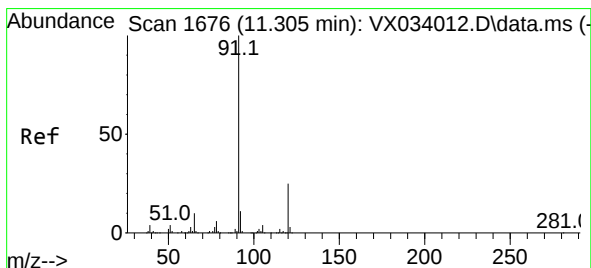
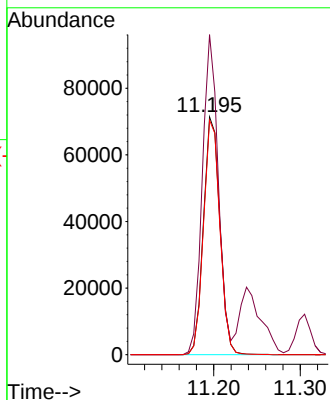
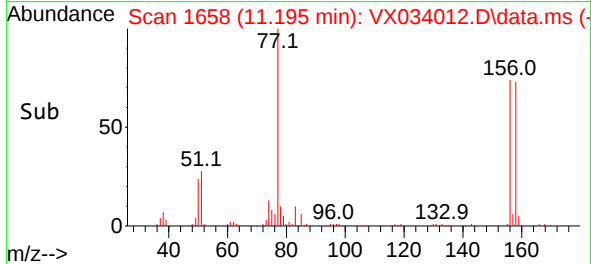
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



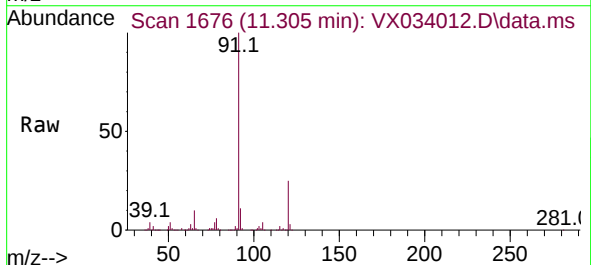
Tgt Ion:156 Resp: 94204
Ion Ratio Lower Upper
156 100
77 130.1 68.1 204.3
158 98.2 48.0 144.2

Manual Integrations
APPROVED

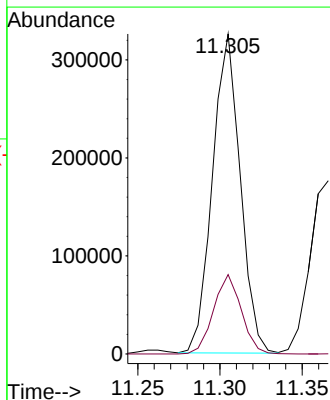
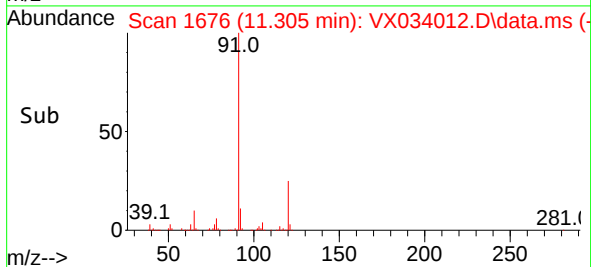
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

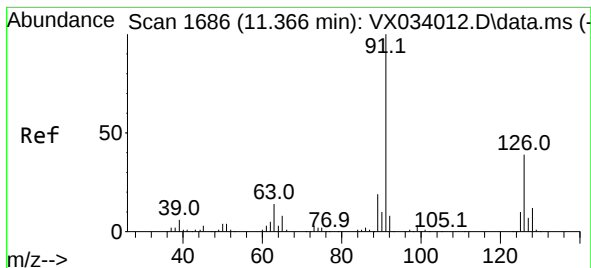


#78
n-propylbenzene
Concen: 47.667 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55



Tgt Ion: 91 Resp: 382217
Ion Ratio Lower Upper
91 100
120 24.9 12.3 36.8





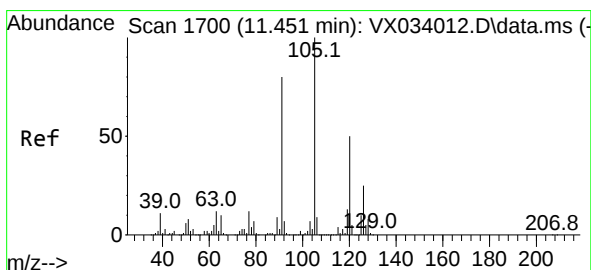
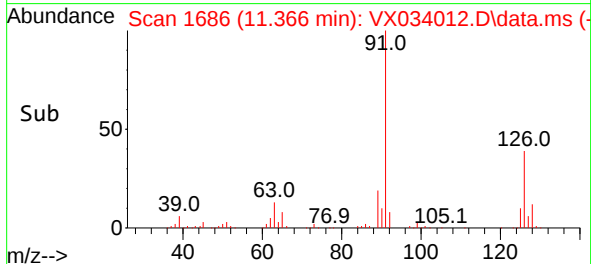
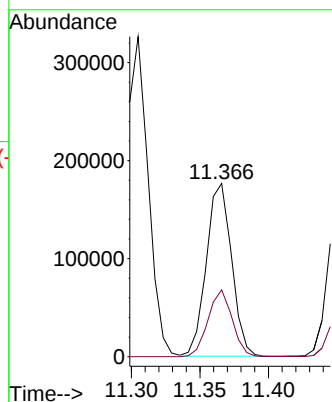
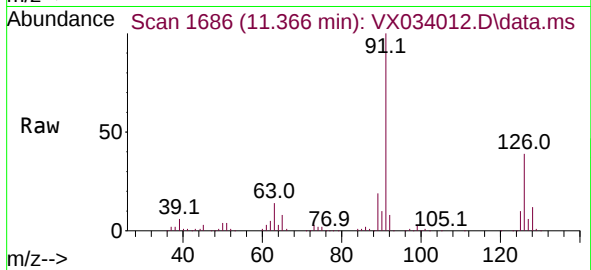
#79
2-Chlorotoluene
Concen: 46.325 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 226032
Ion Ratio Lower Upper
91 100
126 37.1 18.1 54.1

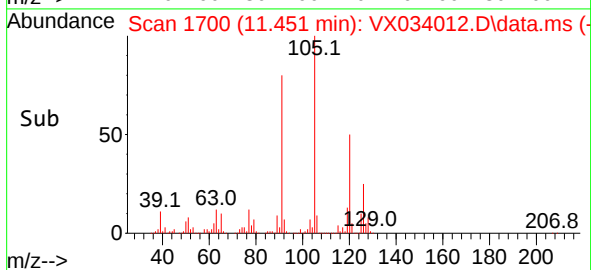
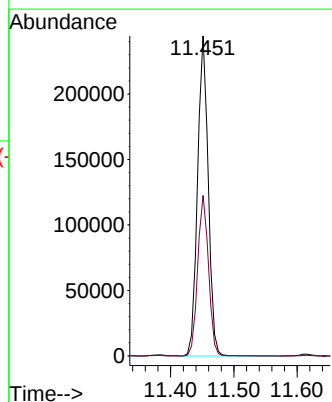
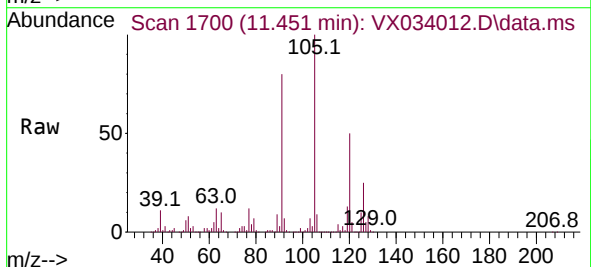
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.272 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Tgt Ion:105 Resp: 287046
Ion Ratio Lower Upper
105 100
120 50.9 25.6 76.8





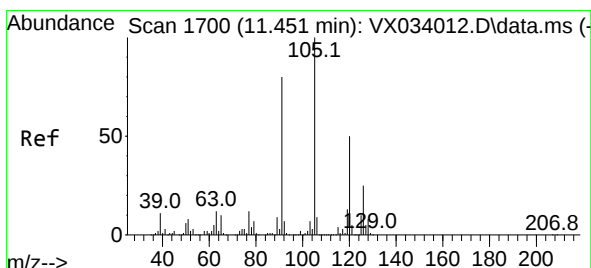
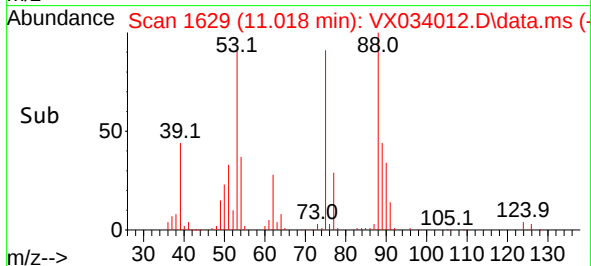
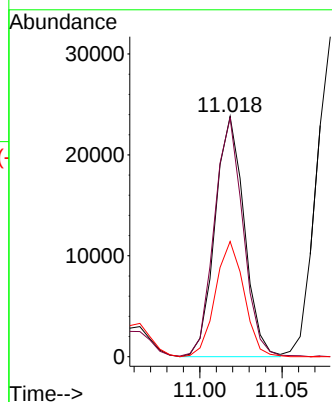
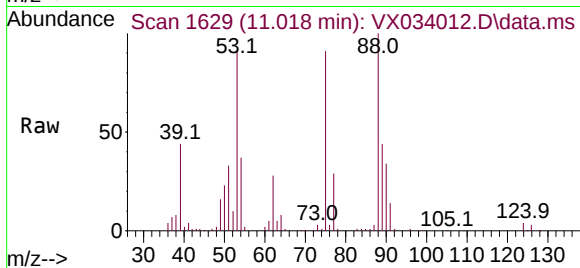
#81
trans-1,4-Dichloro-2-butene
Concen: 50.445 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 2942
Ion Ratio Lower Upper
75 100
53 97.8 83.0 124.6
89 47.0 37.7 56.5

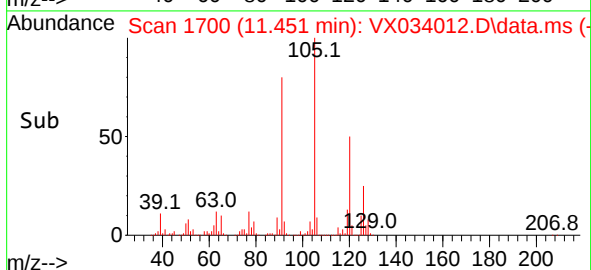
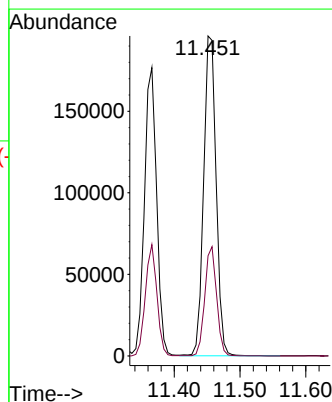
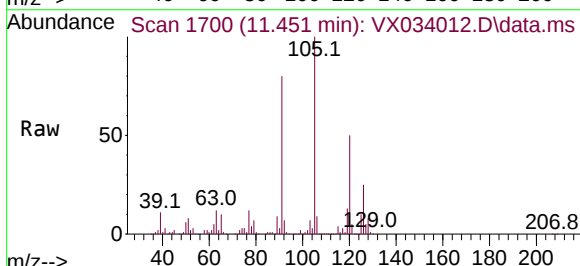
Manual Integrations
APPROVED

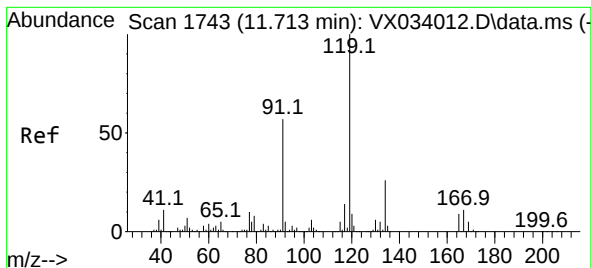
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#82
4-Chlorotoluene
Concen: 46.734 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

Tgt Ion: 91 Resp: 258861
Ion Ratio Lower Upper
91 100
126 32.5 15.8 47.4





#83

tert-Butylbenzene

Concen: 49.486 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034012.D

Acq: 03 Feb 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

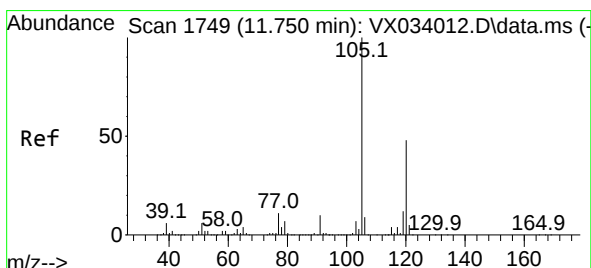
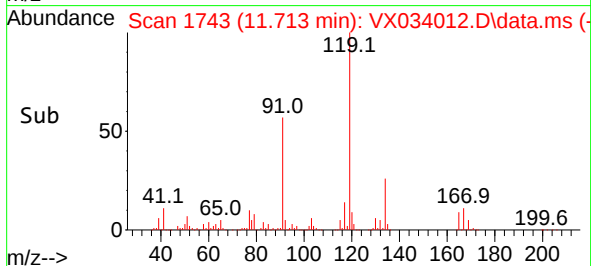
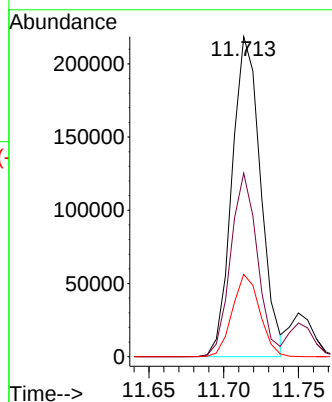
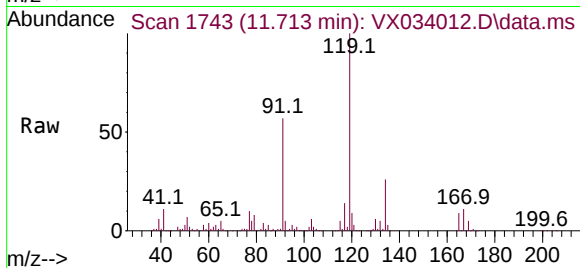
Tgt Ion:	119	Resp:	29057
Ion Ratio	Lower	Upper	
119	100		
91	53.8	26.9	80.7
134	24.7	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#84

1,2,4-Trimethylbenzene

Concen: 50.892 ug/l

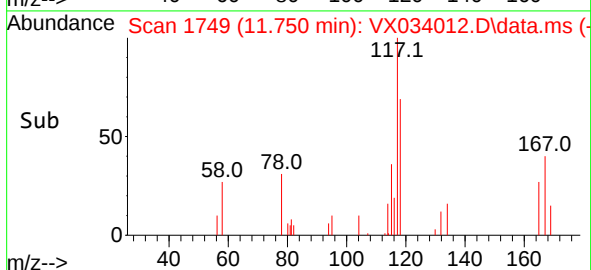
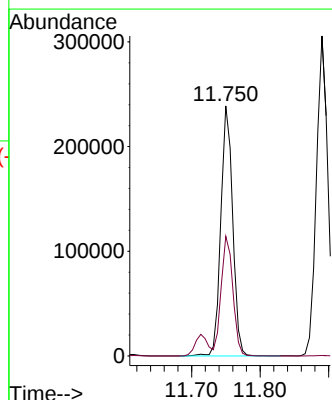
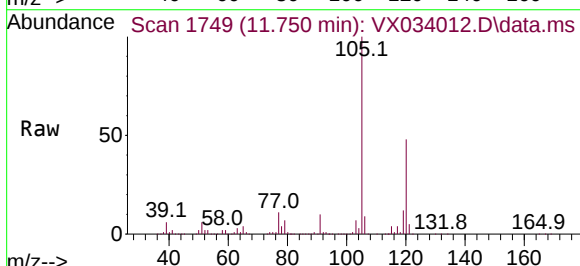
RT: 11.750 min Scan# 1749

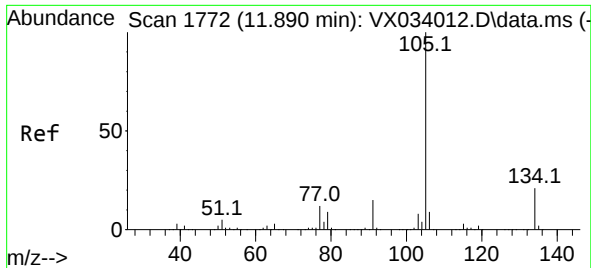
Delta R.T. 0.000 min

Lab File: VX034012.D

Acq: 03 Feb 2023 15:55

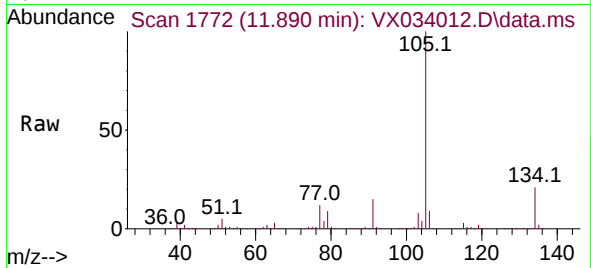
Tgt Ion:	105	Resp:	285153
Ion Ratio	Lower	Upper	
105	100		
120	47.3	23.4	70.2





#85
 sec-Butylbenzene
 Concen: 50.906 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034012.D
 Acq: 03 Feb 2023 15:55

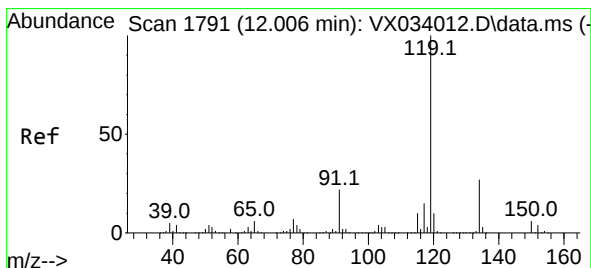
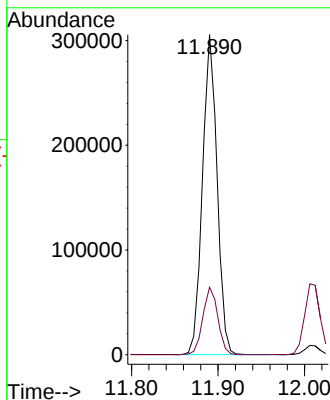
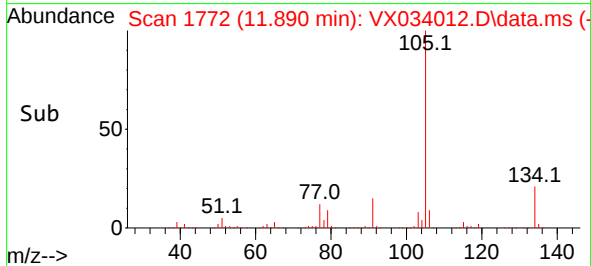
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



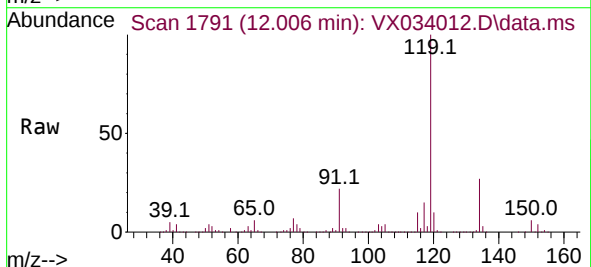
Tgt Ion:105 Resp: 357649
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.8 32.3

Manual Integrations
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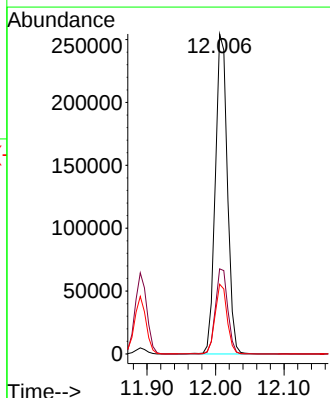
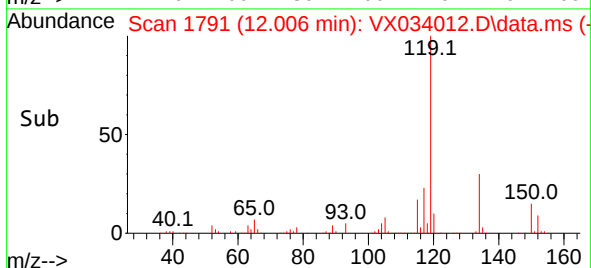
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023

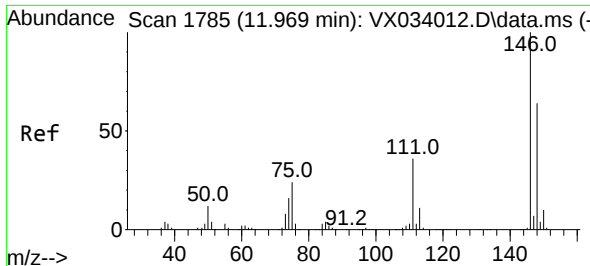


#86
 p-Isopropyltoluene
 Concen: 51.746 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034012.D
 Acq: 03 Feb 2023 15:55



Tgt Ion:119 Resp: 311728
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.8
 91 21.7 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 51.377 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034012.D

Acq: 03 Feb 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 171694

Ion Ratio Lower Upper

146 100

111 36.6 18.6 55.6

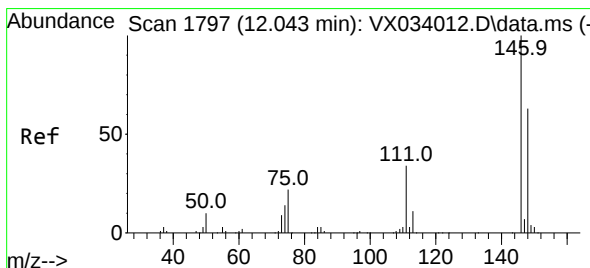
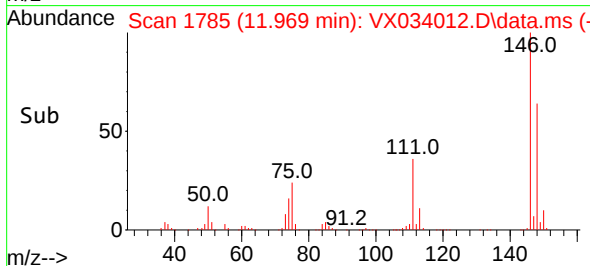
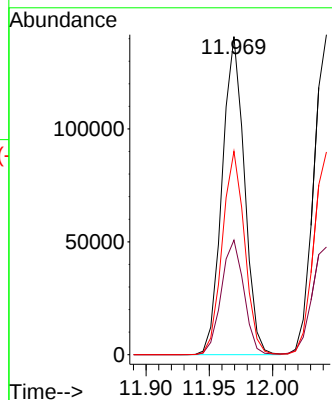
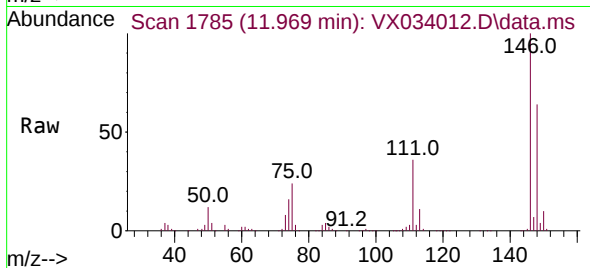
148 64.2 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#88

1,4-Dichlorobenzene

Concen: 50.156 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034012.D

Acq: 03 Feb 2023 15:55

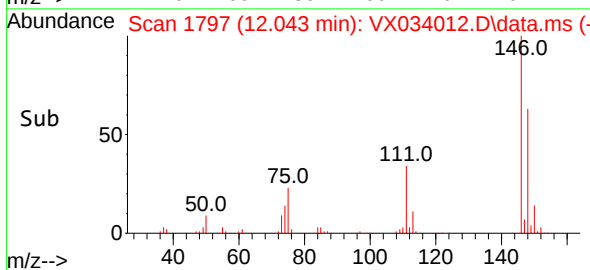
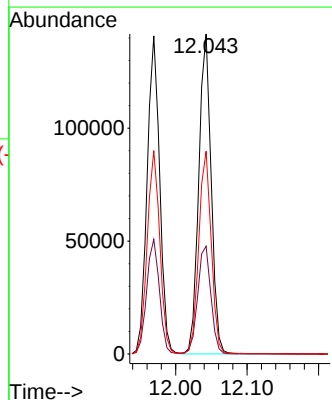
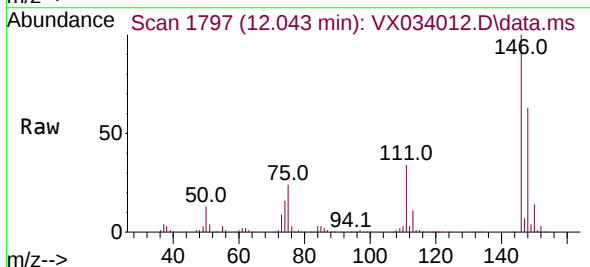
Tgt Ion:146 Resp: 170512

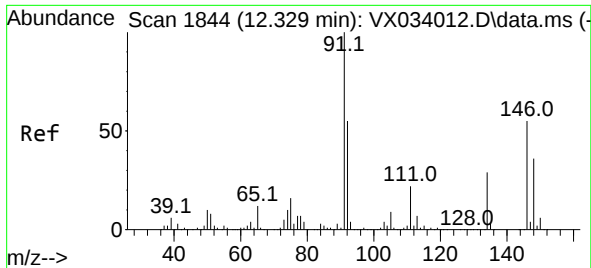
Ion Ratio Lower Upper

146 100

111 35.8 17.8 53.4

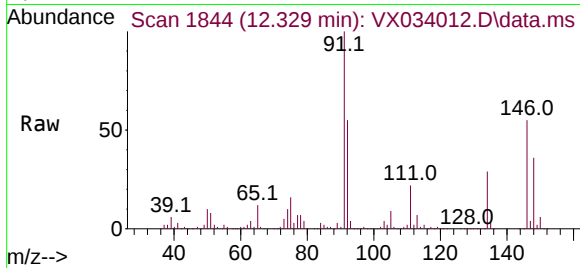
148 63.4 32.1 96.3





#89
n-Butylbenzene
Concen: 50.654 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

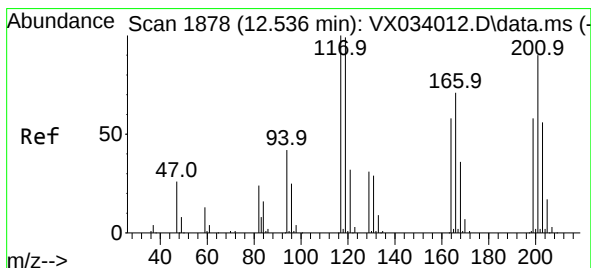
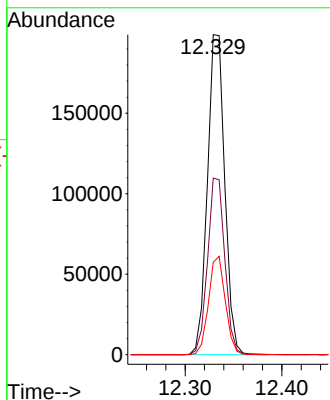
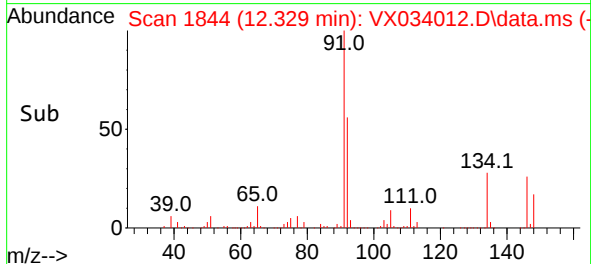
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 24826
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.5
134 29.7 14.3 42.9

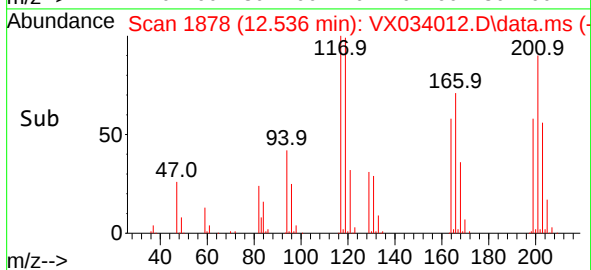
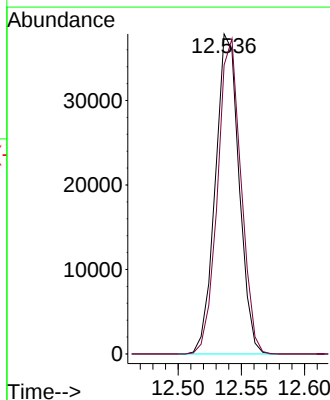
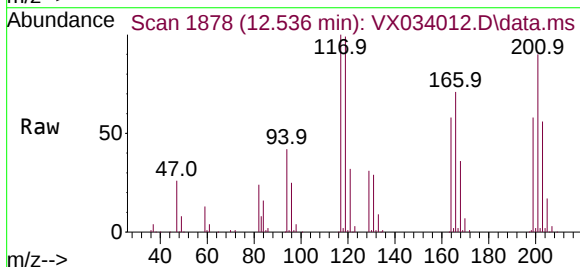
Manual Integrations
APPROVED

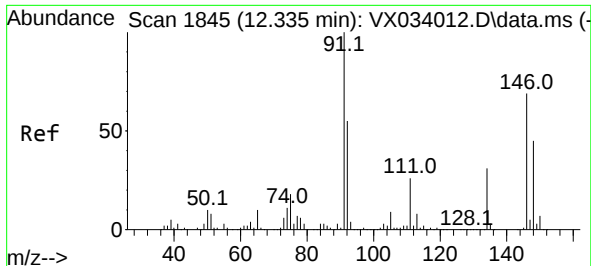
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#90
Hexachloroethane
Concen: 50.194 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

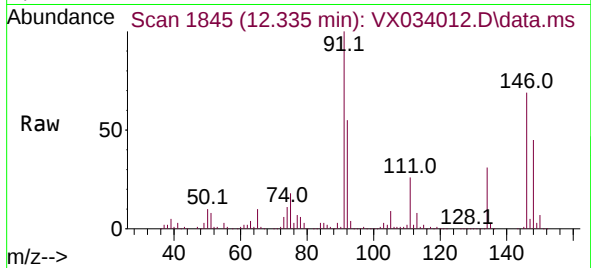
Tgt Ion:117 Resp: 49301
Ion Ratio Lower Upper
117 100
201 97.1 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 52.015 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

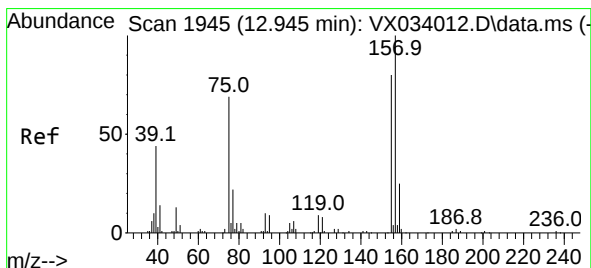
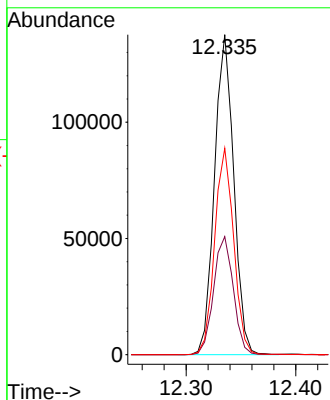
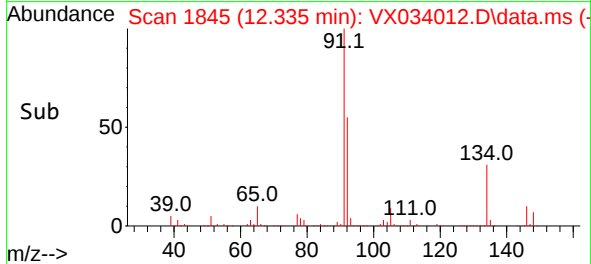
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 168109
Ion Ratio Lower Upper
146 100
111 37.9 19.3 57.8
148 64.0 32.3 96.9

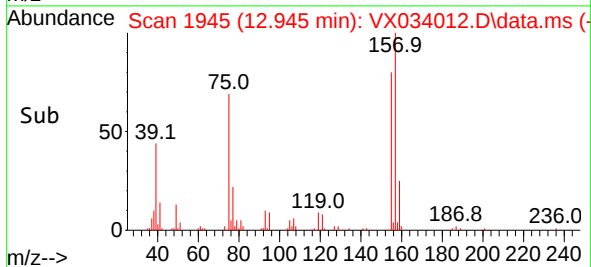
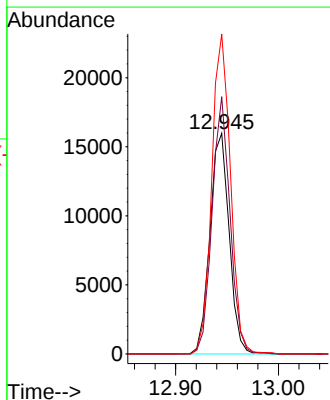
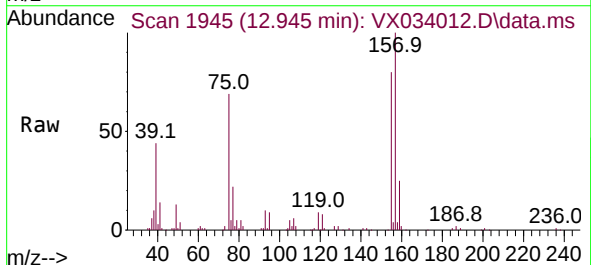
Manual Integrations
APPROVED

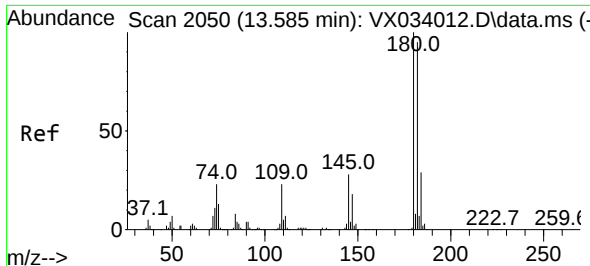
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.553 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

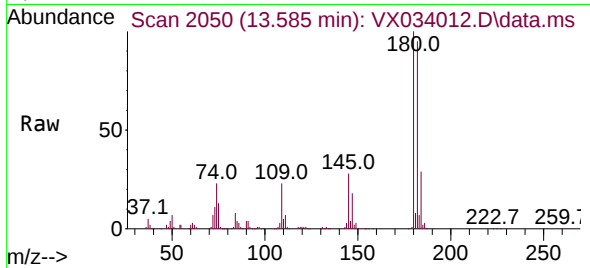
Tgt Ion: 75 Resp: 20763
Ion Ratio Lower Upper
75 100
155 108.6 51.7 155.1
157 140.6 67.5 202.3





#93
1,2,4-Trichlorobenzene
Concen: 55.579 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55

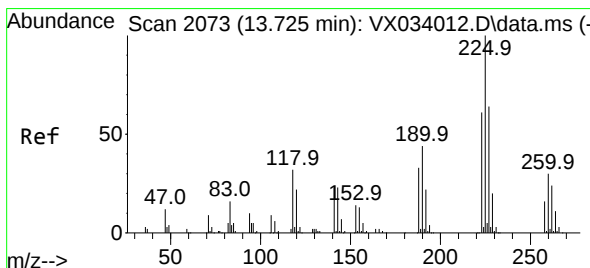
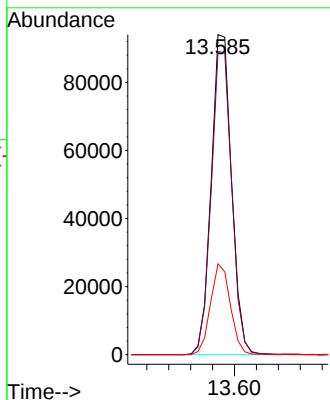
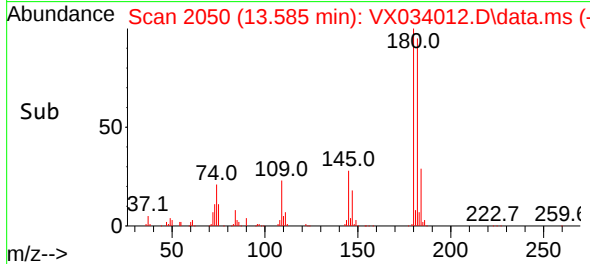
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



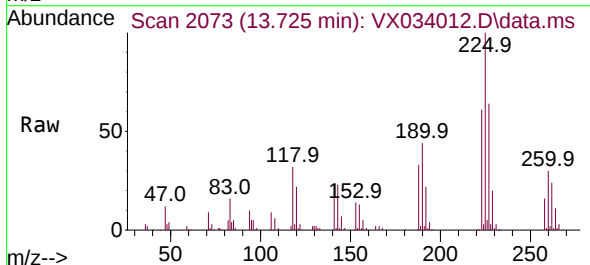
Tgt Ion:180 Resp: 12142
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.6
145 27.7 14.1 42.2

Manual Integrations
APPROVED

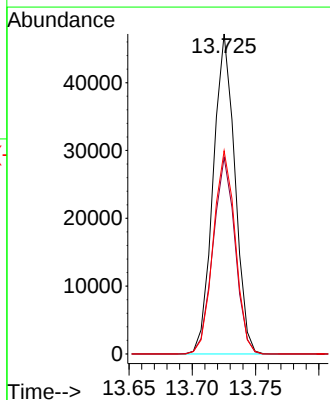
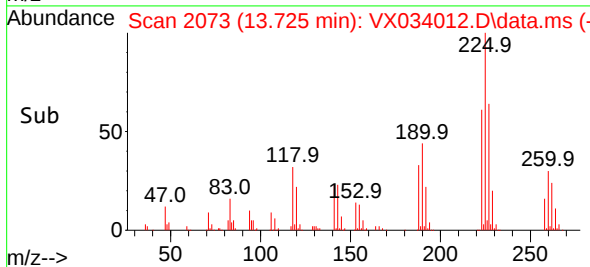
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

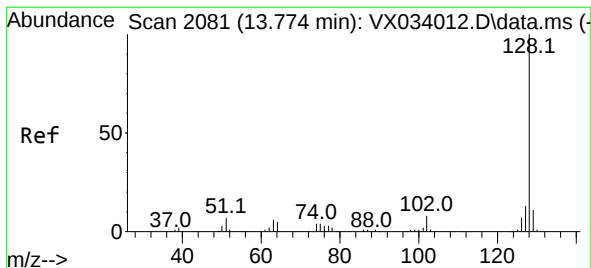


#94
Hexachlorobutadiene
Concen: 52.635 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034012.D
Acq: 03 Feb 2023 15:55



Tgt Ion:225 Resp: 56225
Ion Ratio Lower Upper
225 100
223 62.1 31.3 93.9
227 64.4 32.3 96.9





#95

Naphthalene

Concen: 54.362 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034012.D

Acq: 03 Feb 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:128 Resp: 34074

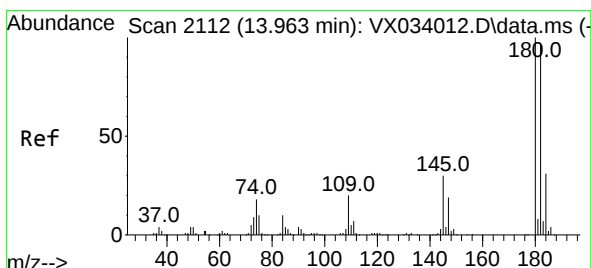
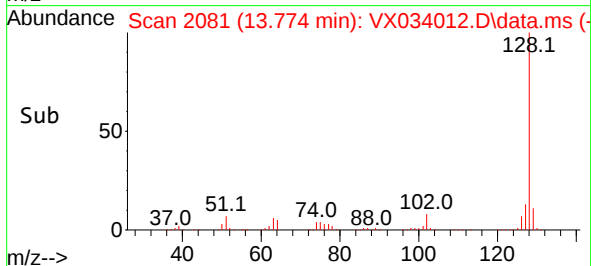
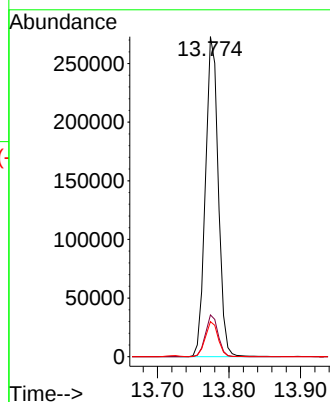
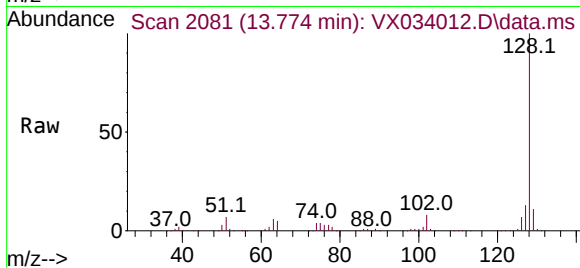
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#96

1,2,3-Trichlorobenzene

Concen: 54.650 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034012.D

Acq: 03 Feb 2023 15:55

Tgt Ion:180 Resp: 119666

Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.6	142.9
145	29.4	15.1	45.3

