

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020423\
 Data File : VX034011.D
 Acq On : 03 Feb 2023 15:32
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 22:20:25 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	5.550	168	154890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214428	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	30652	19.123	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.240%#		
35) Dibromofluoromethane	5.385	113	28606	21.363	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	42.720%#		
50) Toluene-d8	8.647	98	102367	21.096	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	42.200%#		
62) 4-Bromofluorobenzene	11.079	95	36491	20.441	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.880%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26608	21.494	ug/l	99
3) Chloromethane	1.294	50	24922	18.907	ug/l	97
4) Vinyl Chloride	1.373	62	25841	20.292	ug/l	96
5) Bromomethane	1.611	94	14417	19.556	ug/l	98
6) Chloroethane	1.690	64	14099	17.803	ug/l	96
7) Trichlorofluoromethane	1.892	101	41105	19.542	ug/l	96
8) Diethyl Ether	2.136	74	13829	19.564	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	26576	18.894	ug/l	91
10) Methyl Iodide	2.453	142	37870	20.496	ug/l	93
11) Tert butyl alcohol	2.959	59	19800	73.578	ug/l #	83
12) 1,1-Dichloroethene	2.318	96	25747	19.441	ug/l	87
13) Acrolein	2.233	56	27427	99.375	ug/l	99
14) Allyl chloride	2.666	41	41731	17.305	ug/l	89
15) Acrylonitrile	3.056	53	69160	94.320	ug/l	99
16) Acetone	2.373	43	62949	85.848	ug/l	95
17) Carbon Disulfide	2.514	76	63065	18.280	ug/l	98
18) Methyl Acetate	2.696	43	41056	18.338	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	79295	18.367	ug/l	99
20) Methylene Chloride	2.794	84	28505	18.152	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	28270	19.311	ug/l	99
22) Diisopropyl ether	3.757	45	82789	17.719	ug/l	96
23) Vinyl Acetate	3.721	43	320084	90.880	ug/l	96
24) 1,1-Dichloroethane	3.611	63	48032	18.611	ug/l	97
25) 2-Butanone	4.550	43	92458	88.960	ug/l	91
26) 2,2-Dichloropropane	4.477	77	34231	18.449	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	32313	19.255	ug/l	95
28) Bromochloromethane	4.897	49	20779	17.825	ug/l	88
29) Tetrahydrofuran	5.001	42	60207	91.760	ug/l	96
30) Chloroform	5.092	83	49600	18.720	ug/l	100
31) Cyclohexane	5.464	56	44860	19.062	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	42551	18.790	ug/l	99
36) 1,1-Dichloropropene	5.696	75	37951	19.545	ug/l	99
37) Ethyl Acetate	4.708	43	36237	17.223	ug/l	99
38) Carbon Tetrachloride	5.678	117	39313	19.543	ug/l	98
39) Methylcyclohexane	7.378	83	46750	19.438	ug/l	96
40) Benzene	6.037	78	111057	19.661	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20149	19.163	ug/l	96
42) 1,2-Dichloroethane	6.086	62	37752	18.984	ug/l	98
43) Isopropyl Acetate	6.336	43	55644	18.362	ug/l	98
44) Trichloroethene	7.122	130	33393	20.864	ug/l	94
45) 1,2-Dichloropropane	7.427	63	27391	19.418	ug/l	100
46) Dibromomethane	7.580	93	20011	20.205	ug/l	96
47) Bromodichloromethane	7.817	83	37308	19.631	ug/l	98
48) Methyl methacrylate	7.689	41	28974	19.023	ug/l	96
49) 1,4-Dioxane	7.671	88	10697	326.209	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	178923	96.572	ug/l	99
52) Toluene	8.720	92	73134	20.077	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	36744	19.351	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	41649	19.530	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	29294	20.232	ug/l	97
56) Ethyl methacrylate	9.116	69	40464	19.953	ug/l	96
57) 1,3-Dichloropropane	9.305	76	47421	20.328	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	91329	92.150	ug/l	97
59) 2-Hexanone	9.427	43	133402	103.522	ug/l	98
60) Dibromochloromethane	9.518	129	31420	20.885	ug/l	100
61) 1,2-Dibromoethane	9.610	107	31230	21.690	ug/l	100
64) Tetrachloroethene	9.274	164	31871	21.545	ug/l	98
65) Chlorobenzene	10.079	112	79963	20.244	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	30130	20.641	ug/l	99
67) Ethyl Benzene	10.195	91	136571	20.252	ug/l	100
68) m/p-Xylenes	10.299	106	108922	41.178	ug/l	100
69) o-Xylene	10.640	106	52677	20.162	ug/l	99
70) Styrene	10.652	104	87678	20.649	ug/l	99
71) Bromoform	10.799	173	24612	20.194	ug/l #	99
73) Isopropylbenzene	10.963	105	139262	19.443	ug/l	100
74) N-amyl acetate	10.841	43	45545	17.971	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	41082	19.131	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	37306m	20.714	ug/l	
77) Bromobenzene	11.195	156	38405	19.777	ug/l	95
78) n-propylbenzene	11.305	91	152747	19.148	ug/l	100
79) 2-Chlorotoluene	11.366	91	92177	18.989	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	116183	19.639	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10352	17.837	ug/l	98
82) 4-Chlorotoluene	11.451	91	104406	18.946	ug/l	99
83) tert-Butylbenzene	11.713	119	117667	20.143	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	115855	20.784	ug/l	100
85) sec-Butylbenzene	11.890	105	139946	20.022	ug/l	98
86) p-Isopropyltoluene	12.006	119	124435	20.762	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	68377	20.566	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	68310	20.197	ug/l	98
89) n-Butylbenzene	12.329	91	97089	19.912	ug/l	98
90) Hexachloroethane	12.536	117	18716	19.153	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	67393	20.960	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	7813	19.499	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	46871	21.565	ug/l	99
94) Hexachlorobutadiene	13.725	225	22005	20.706	ug/l	98
95) Naphthalene	13.774	128	131430	21.077	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	46917	21.537	ug/l	98

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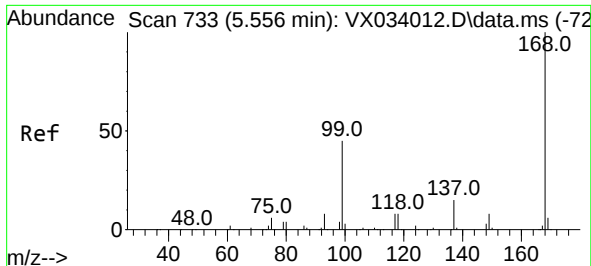
Manual Integrations
APPROVED

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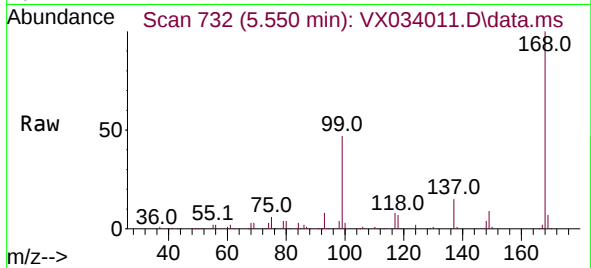
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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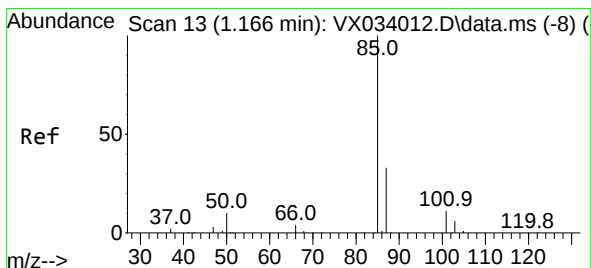
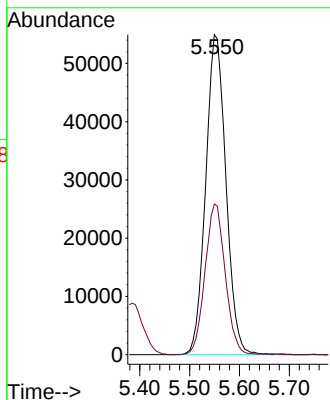
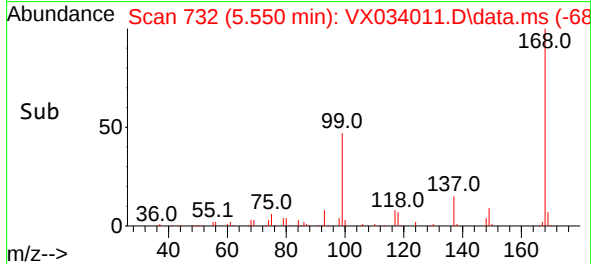
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 154890
Ion Ratio Lower Upper
168 100
99 47.0 39.6 59.4

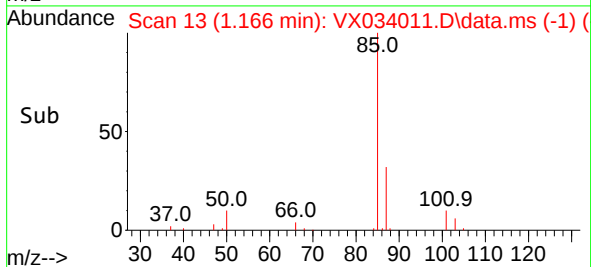
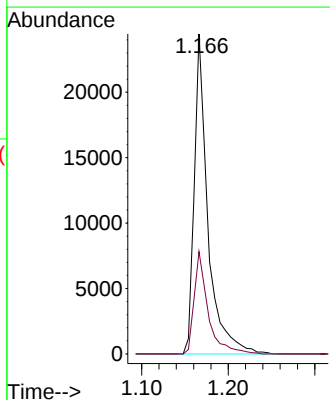
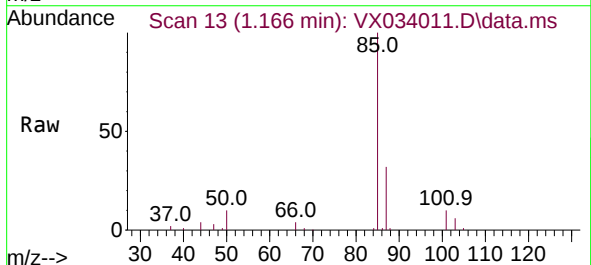
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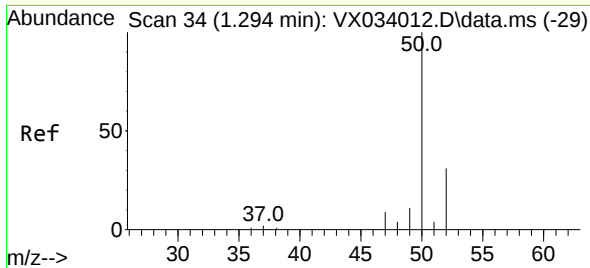
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#2
Dichlorodifluoromethane
Concen: 21.494 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Tgt Ion: 85 Resp: 26608
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





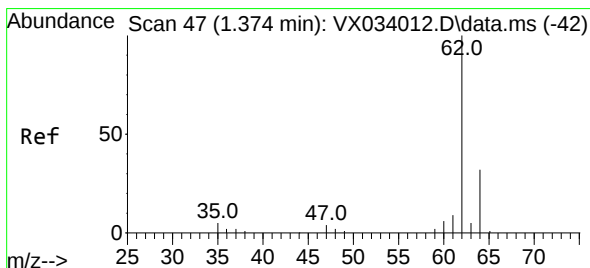
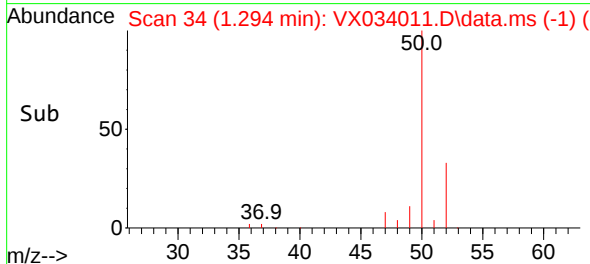
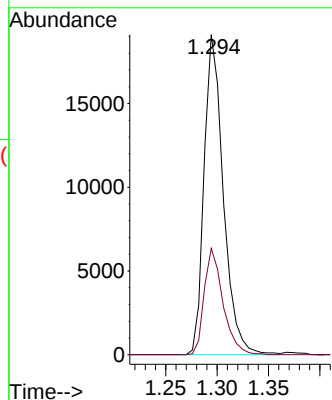
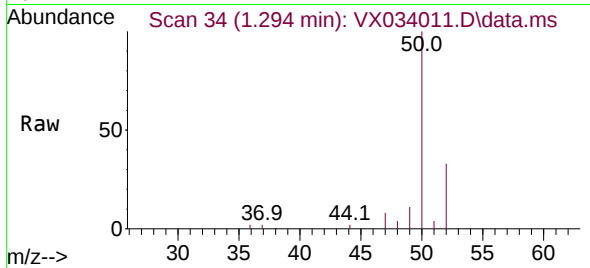
#3
Chloromethane
Concen: 18.907 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

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Tgt Ion: 50 Resp: 2492
Ion Ratio Lower Upper
50 100
52 33.2 25.2 37.8

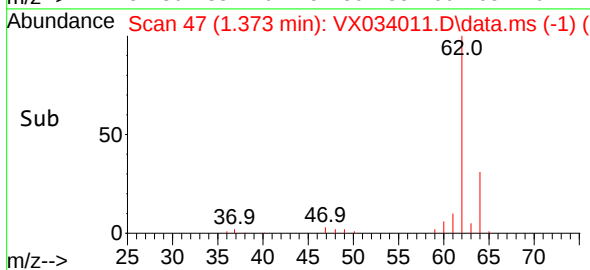
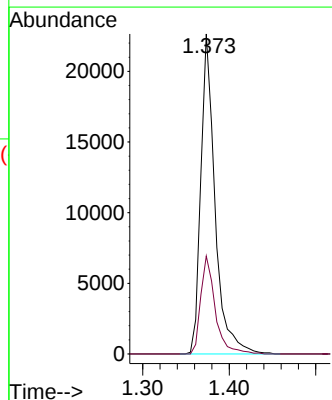
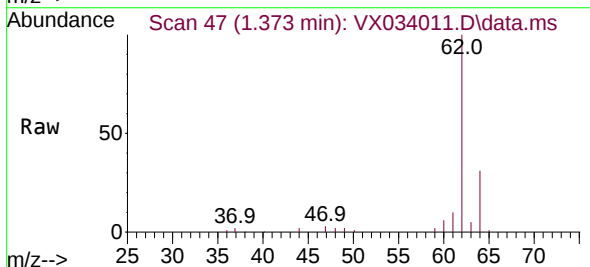
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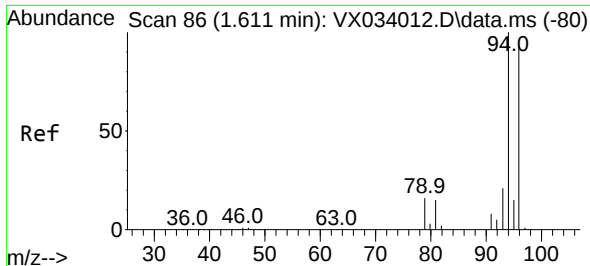
Reviewed By :John Carlone 02/06/2023
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#4
Vinyl Chloride
Concen: 20.292 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

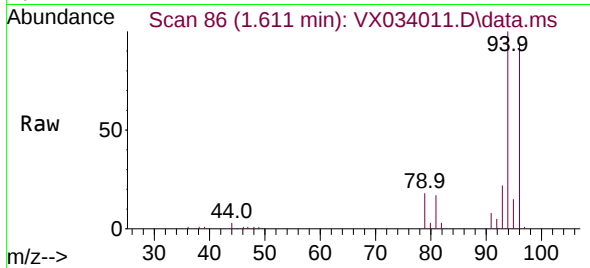
Tgt Ion: 62 Resp: 25841
Ion Ratio Lower Upper
62 100
64 30.6 26.2 39.4





#5
Bromomethane
Concen: 19.556 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX034011.D
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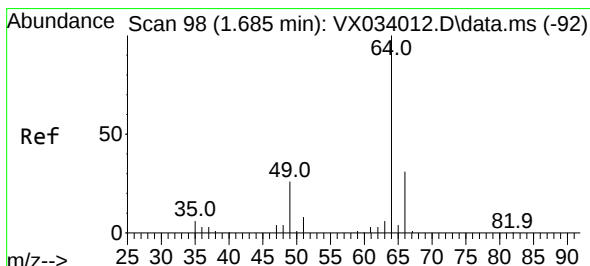
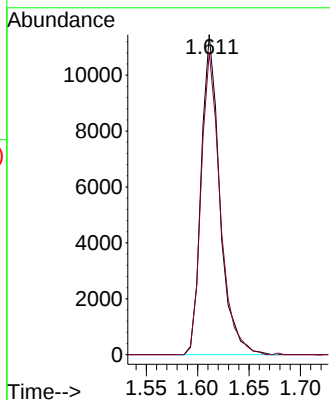
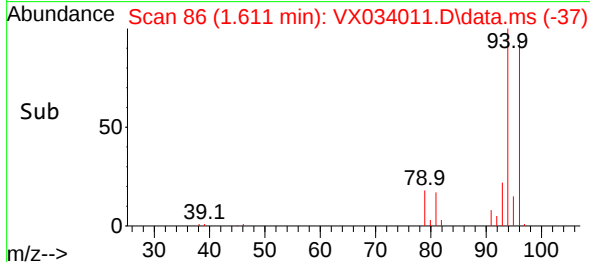
Instrument :
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Tgt Ion: 94 Resp: 1441
Ion Ratio Lower Upper
94 100
96 94.5 74.3 111.5

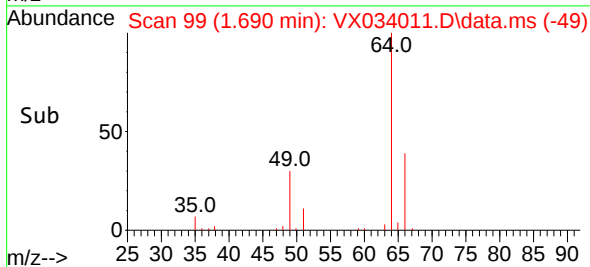
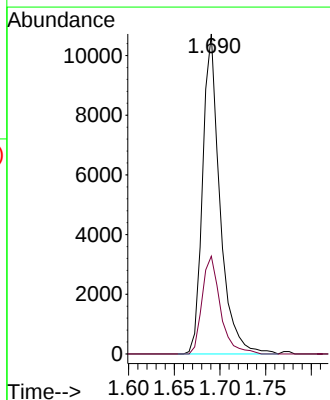
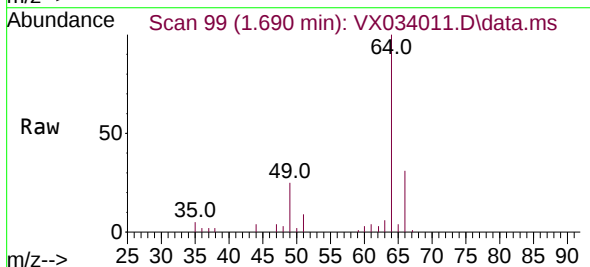
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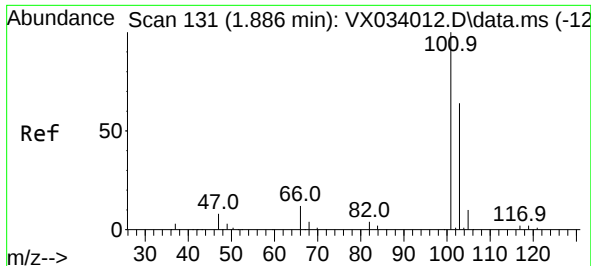
Reviewed By :John Carlone 02/06/2023
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#6
Chloroethane
Concen: 17.803 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX034011.D
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Tgt Ion: 64 Resp: 14099
Ion Ratio Lower Upper
64 100
66 30.5 26.1 39.1





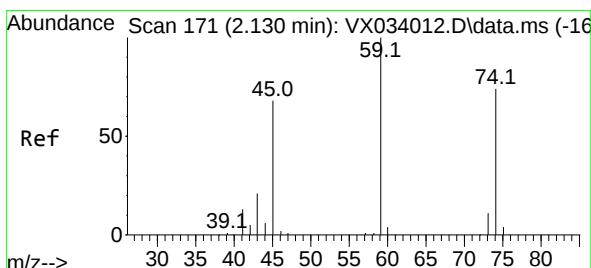
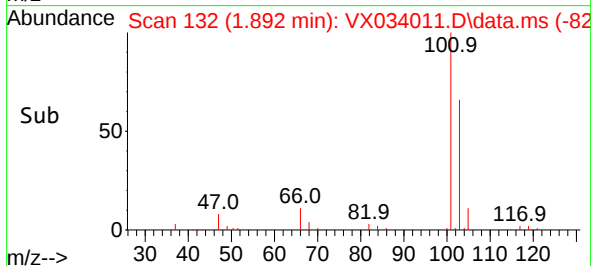
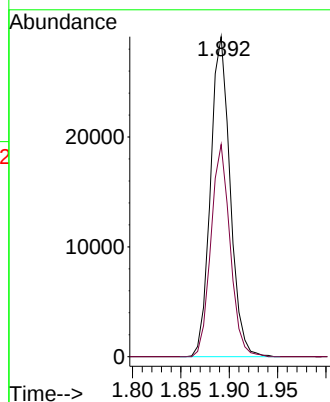
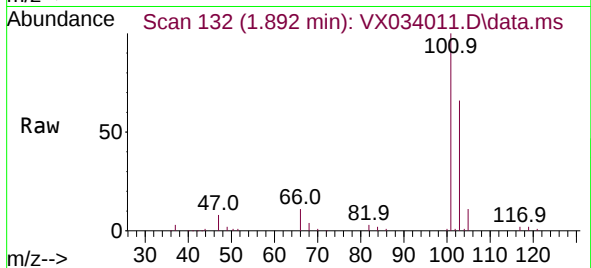
#7
Trichlorofluoromethane
Concen: 19.542 ug/l
RT: 1.892 min Scan# 111
Delta R.T. 0.006 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 4110
Ion Ratio Lower Upper
101 100
103 66.3 50.6 75.8

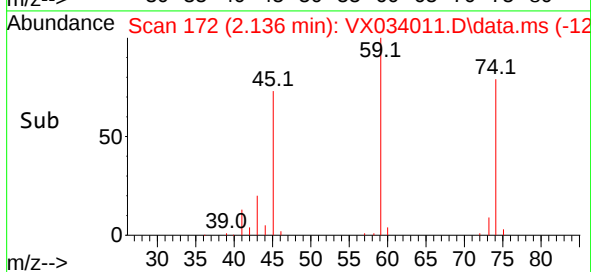
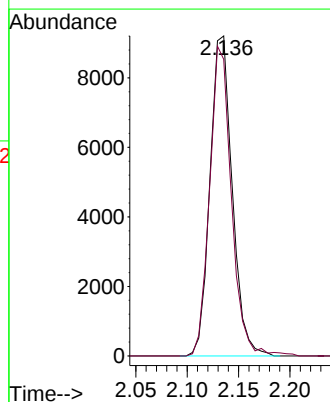
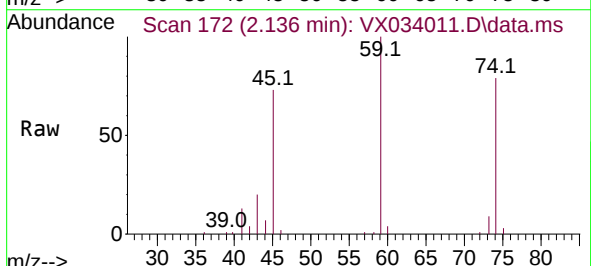
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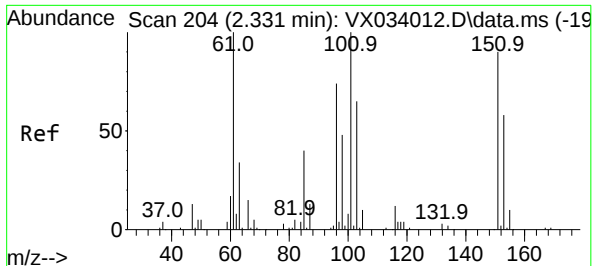
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#8
Diethyl Ether
Concen: 19.564 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Tgt Ion: 74 Resp: 13829
Ion Ratio Lower Upper
74 100
45 95.2 51.5 154.5





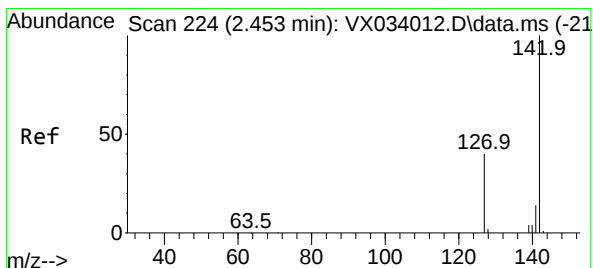
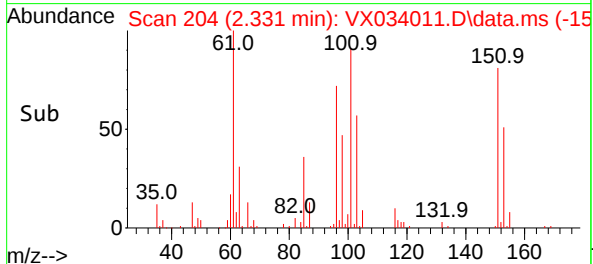
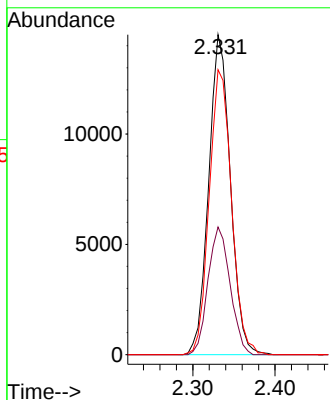
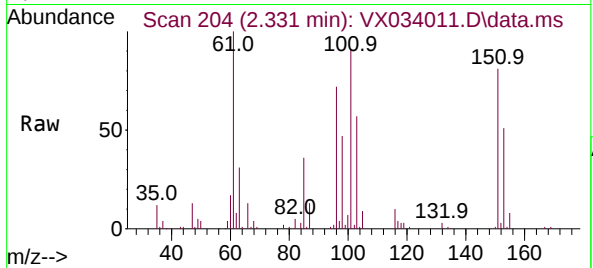
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.894 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 26570
Ion Ratio Lower Upper
101 100
85 40.6 36.7 55.1
151 91.5 66.5 99.7

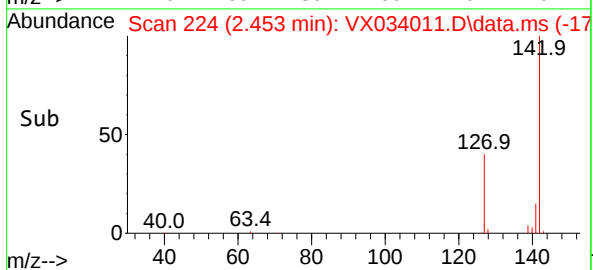
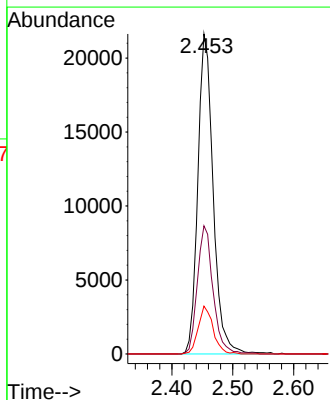
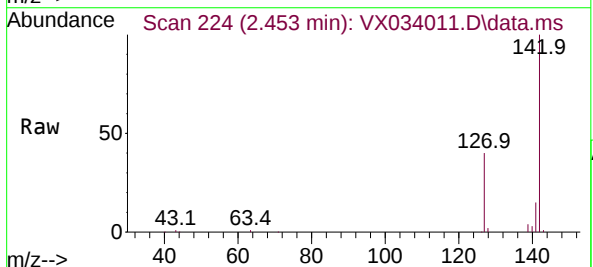
Manual Integrations
APPROVED

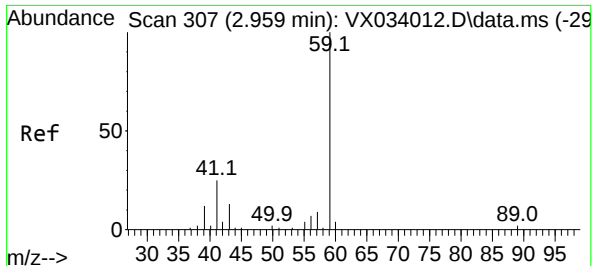
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#10
Methyl Iodide
Concen: 20.496 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

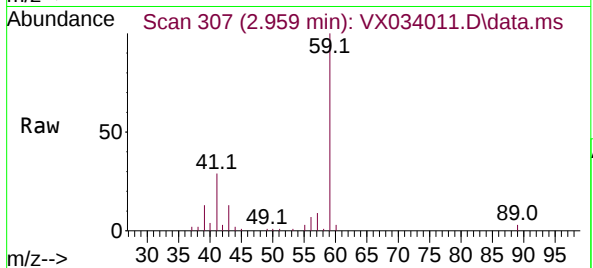
Tgt Ion:142 Resp: 37870
Ion Ratio Lower Upper
142 100
127 41.0 37.3 55.9
141 14.6 11.5 17.3





#11
Tert butyl alcohol
Concen: 73.578 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

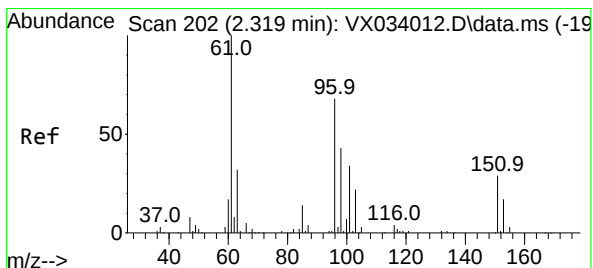
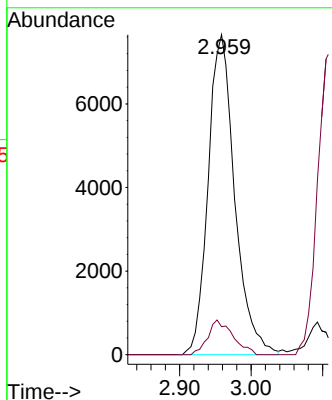
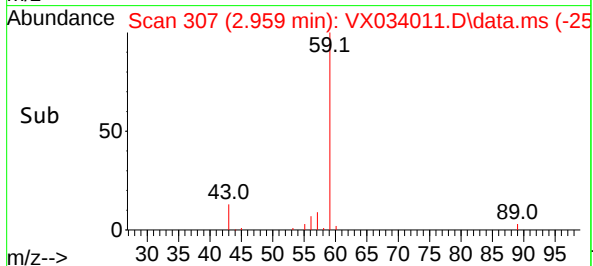
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



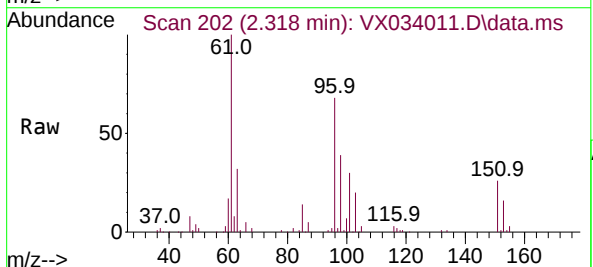
Tgt Ion: 59 Resp: 19800
Ion Ratio Lower Upper
59 100
57 10.2 3.7 5.5

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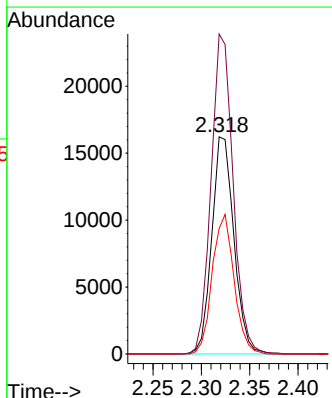
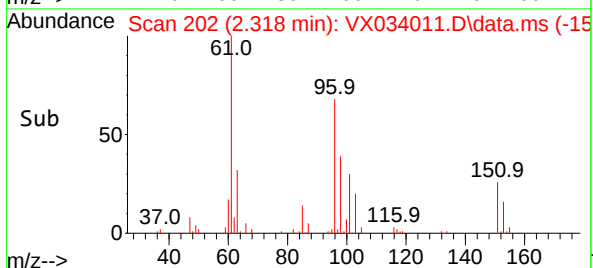
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

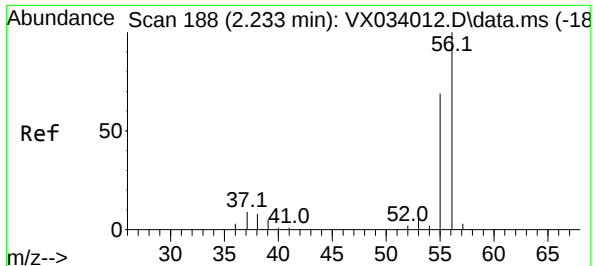


#12
1,1-Dichloroethene
Concen: 19.441 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32



Tgt Ion: 96 Resp: 25747
Ion Ratio Lower Upper
96 100
61 147.4 134.2 201.4
98 57.8 50.2 75.2





#13

Acrolein

Concen: 99.375 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 2742

Ion Ratio Lower Upper

56 100

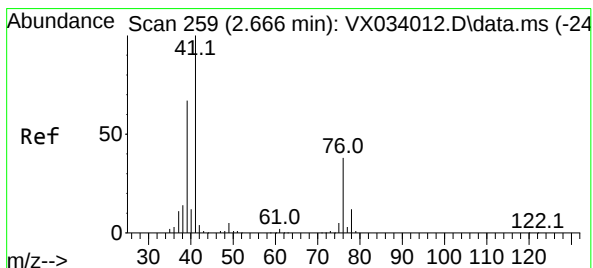
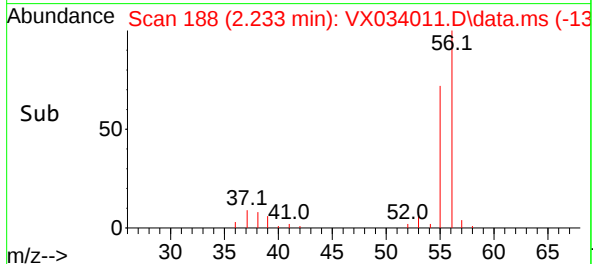
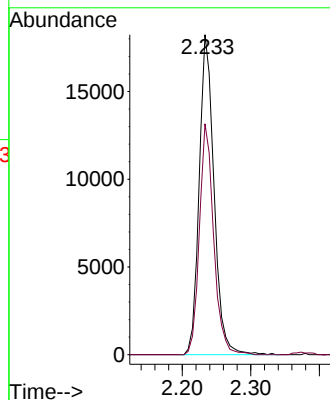
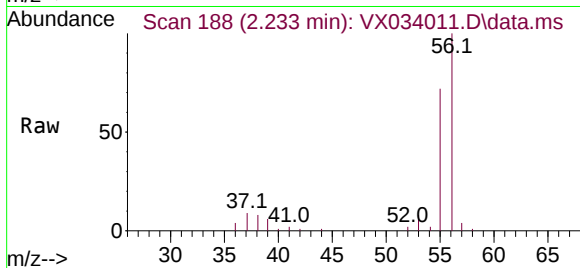
55 69.8 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#14

Allyl chloride

Concen: 17.305 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

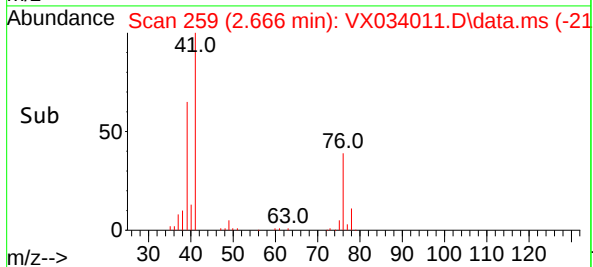
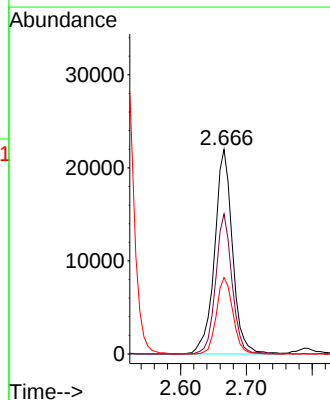
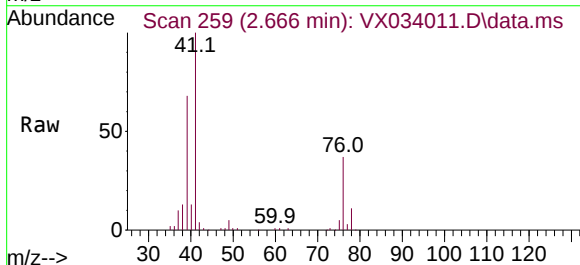
Tgt Ion: 41 Resp: 41731

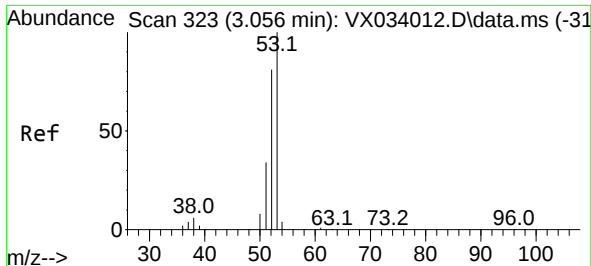
Ion Ratio Lower Upper

41 100

39 62.4 59.0 88.4

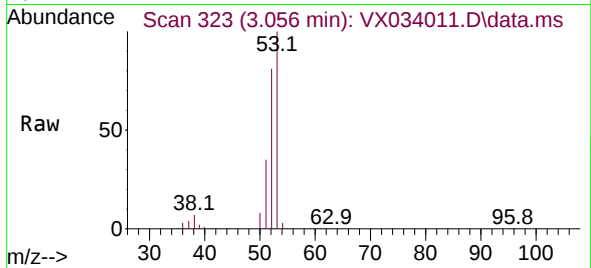
76 34.1 24.6 37.0





#15
Acrylonitrile
Concen: 94.320 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

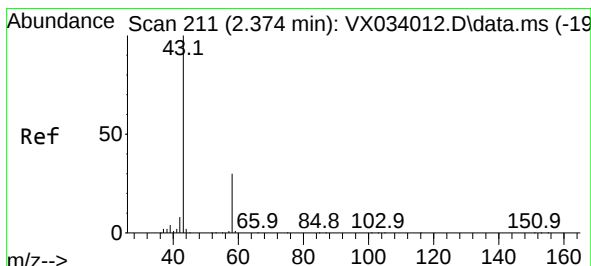
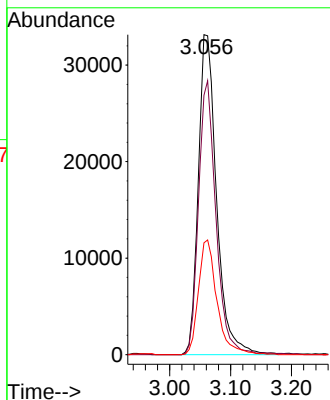
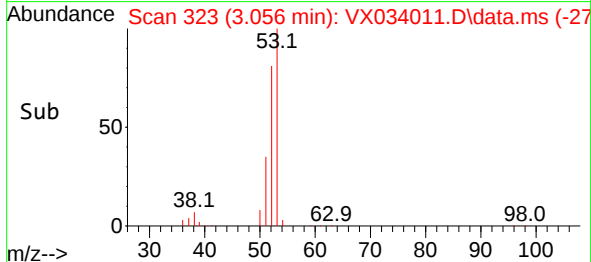
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 69160
Ion Ratio Lower Upper
53 100
52 81.4 65.7 98.5
51 36.4 29.0 43.4

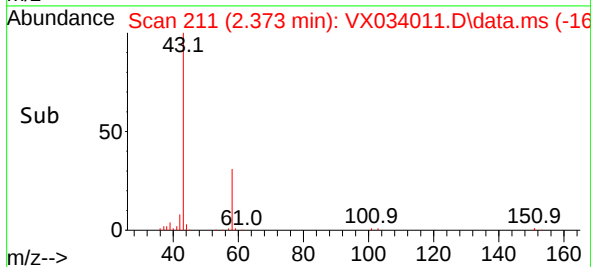
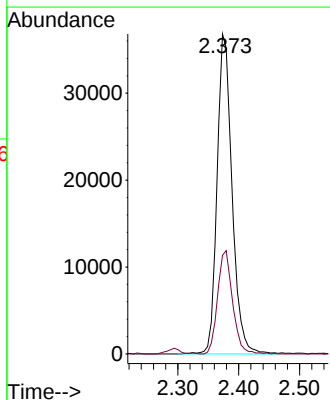
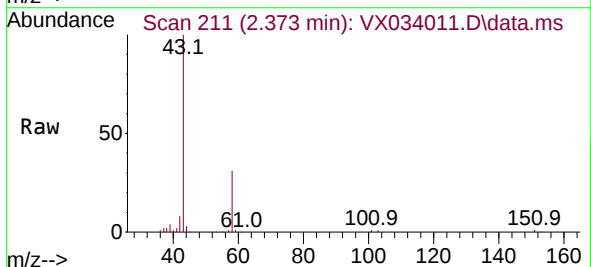
Manual Integrations
APPROVED

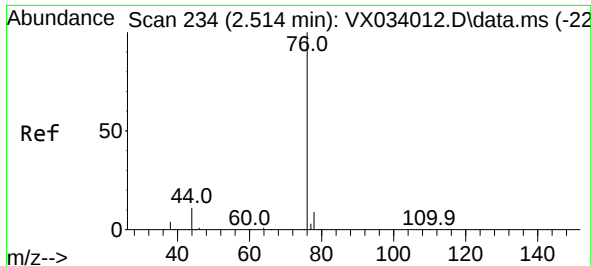
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#16
Acetone
Concen: 85.848 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

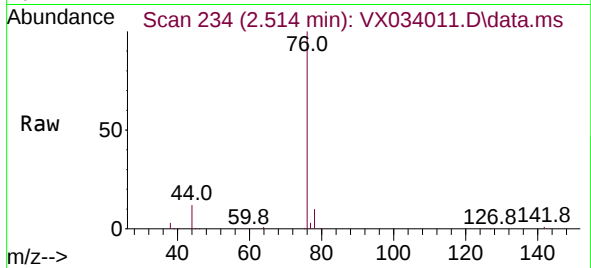
Tgt Ion: 43 Resp: 62949
Ion Ratio Lower Upper
43 100
58 30.9 22.6 33.8





#17
Carbon Disulfide
Concen: 18.280 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

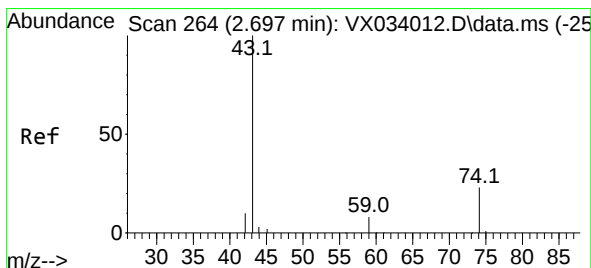
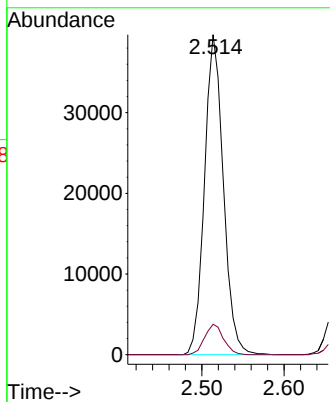
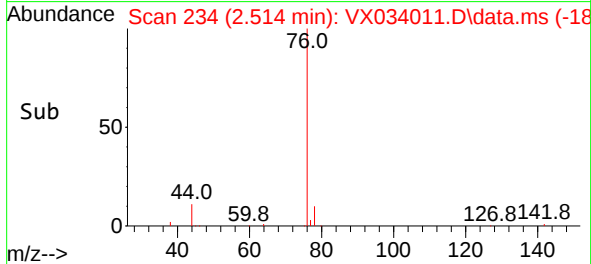
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



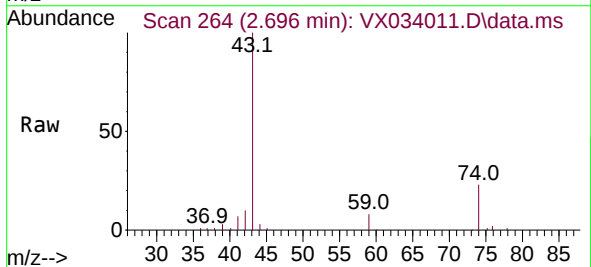
Tgt Ion: 76 Resp: 6306
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

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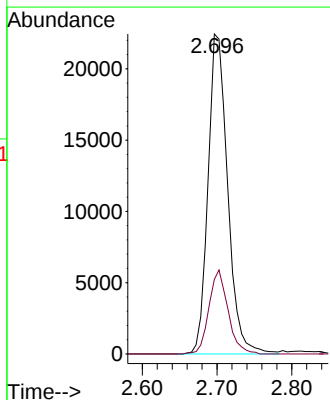
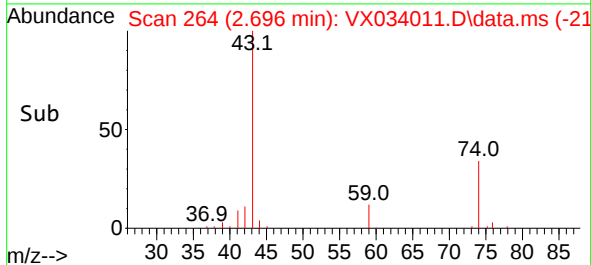
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

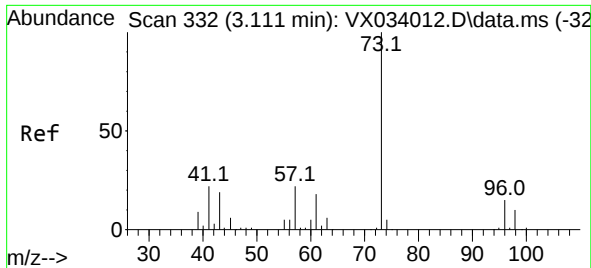


#18
Methyl Acetate
Concen: 18.338 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32



Tgt Ion: 43 Resp: 41056
Ion Ratio Lower Upper
43 100
74 25.5 18.2 27.4





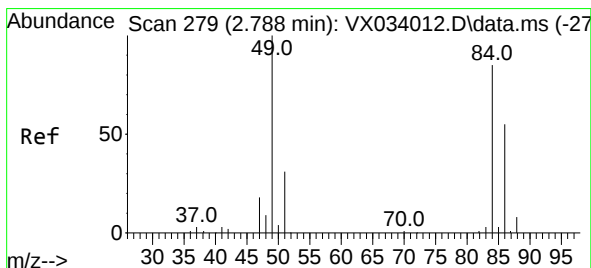
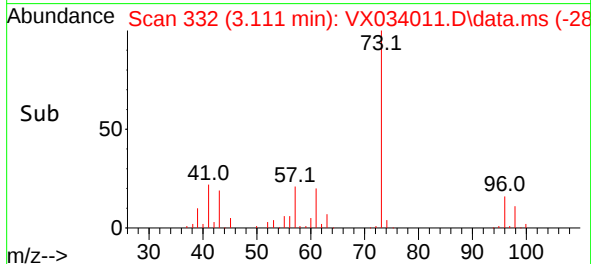
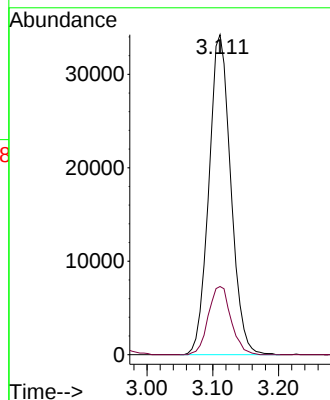
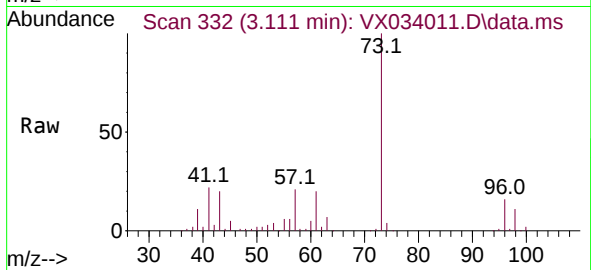
#19
Methyl tert-butyl Ether
Concen: 18.367 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 7929
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.0

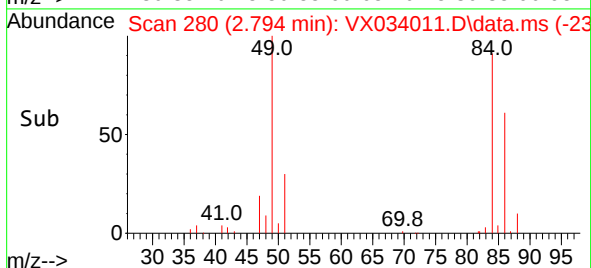
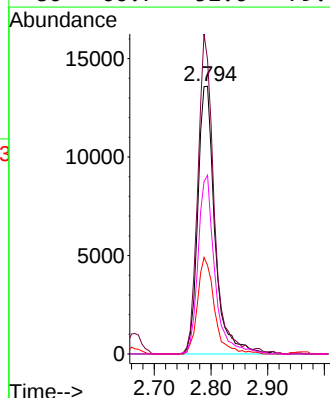
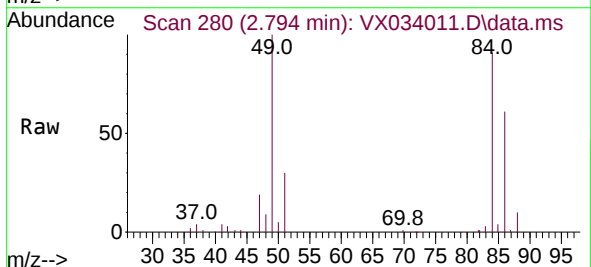
Manual Integrations
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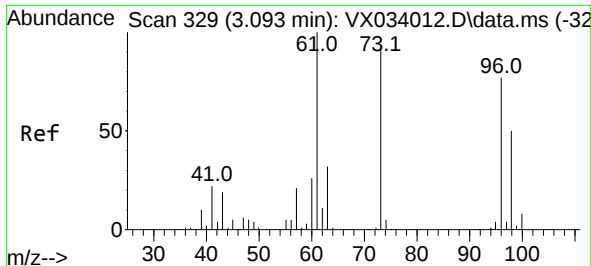
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#20
Methylene Chloride
Concen: 18.152 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

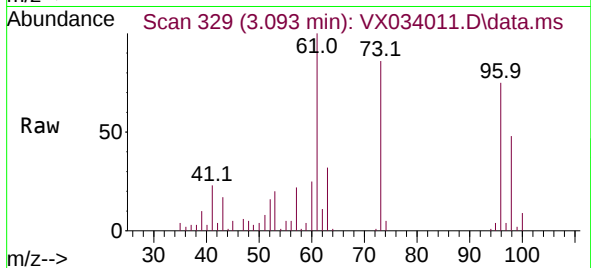
Tgt Ion: 84 Resp: 28505
Ion Ratio Lower Upper
84 100
49 109.8 101.1 151.7
51 33.1 31.0 46.6
86 66.7 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 19.311 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

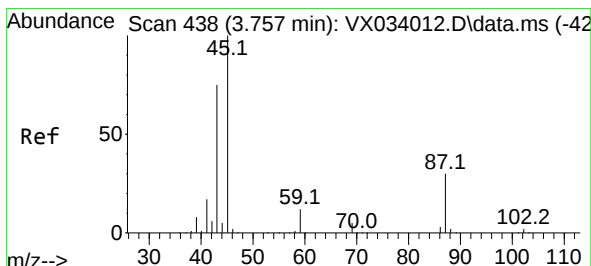
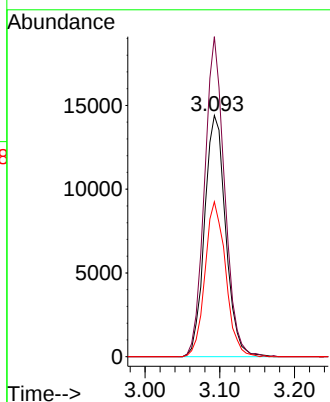
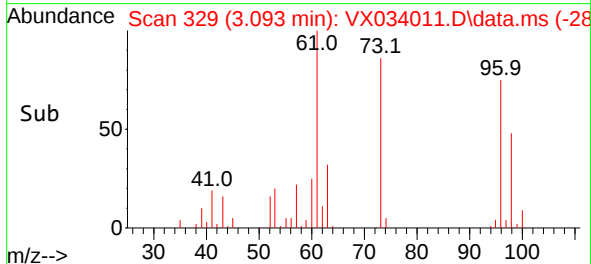
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



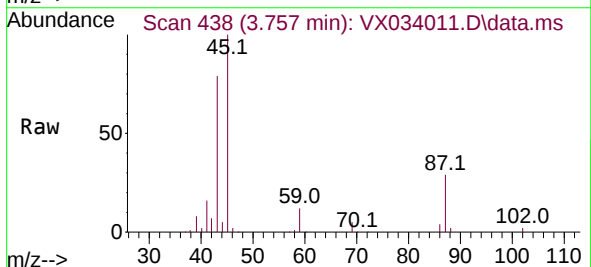
Tgt Ion: 96 Resp: 28270
Ion Ratio Lower Upper
96 100
61 132.7 106.7 160.1
98 64.2 50.0 75.0

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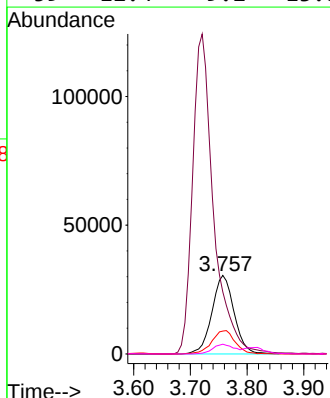
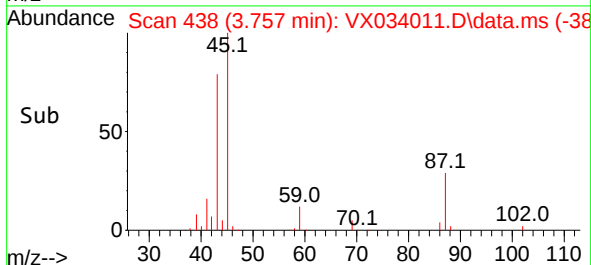
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#22
Diisopropyl ether
Concen: 17.719 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32



Tgt Ion: 45 Resp: 82789
Ion Ratio Lower Upper
45 100
43 77.4 64.6 97.0
87 29.1 21.9 32.9
59 12.4 9.2 13.8





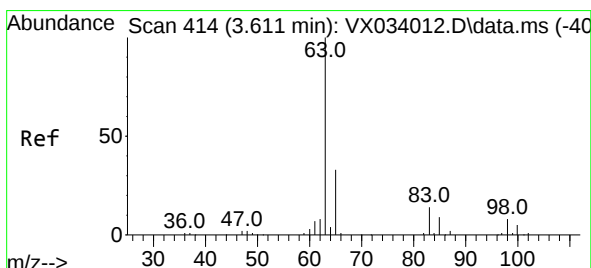
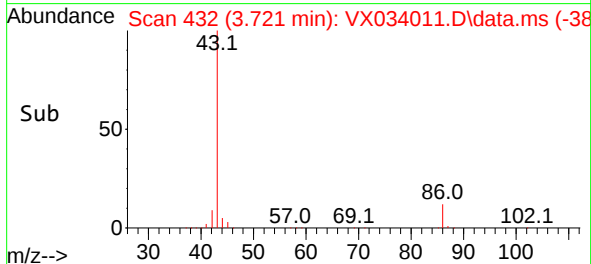
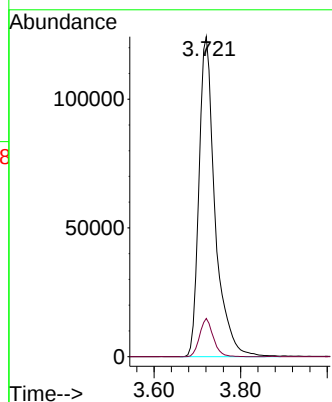
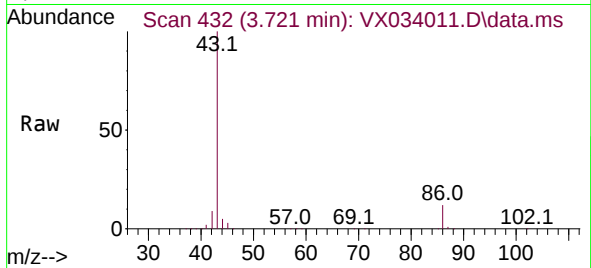
#23
 Vinyl Acetate
 Concen: 90.880 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX034011.D
 Acq: 03 Feb 2023 15:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 320084
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.4 12.6

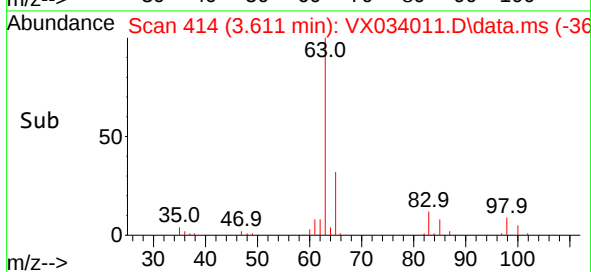
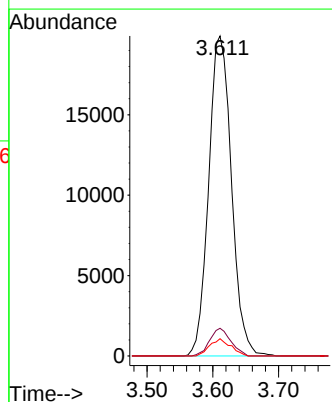
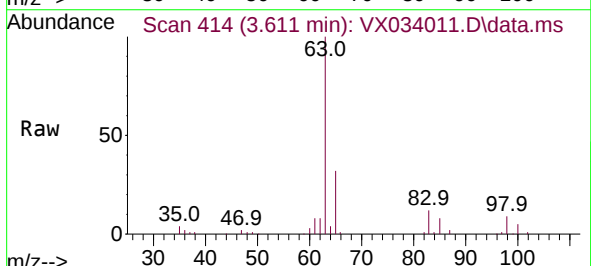
Manual Integrations
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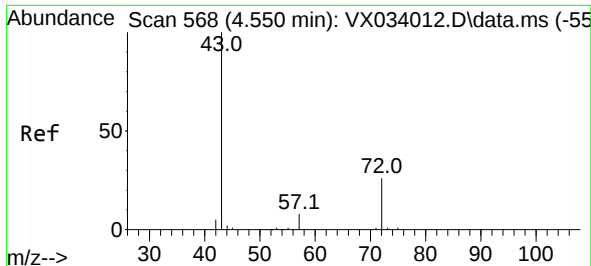
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#24
 1,1-Dichloroethane
 Concen: 18.611 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX034011.D
 Acq: 03 Feb 2023 15:32

Tgt Ion: 63 Resp: 48032
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.8 11.2
 100 5.4 2.4 7.2





#25

2-Butanone

Concen: 88.960 ug/l

RT: 4.550 min Scan# 568

Delta R.T. -0.000 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 92458

Ion Ratio Lower Upper

43 100

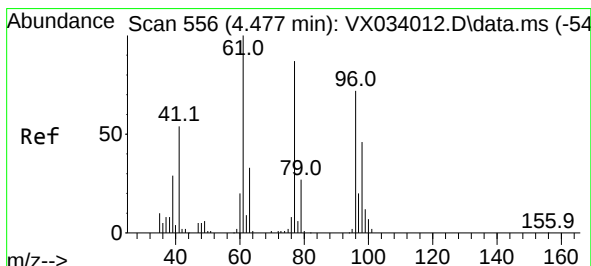
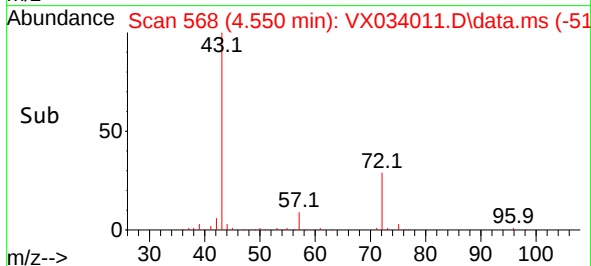
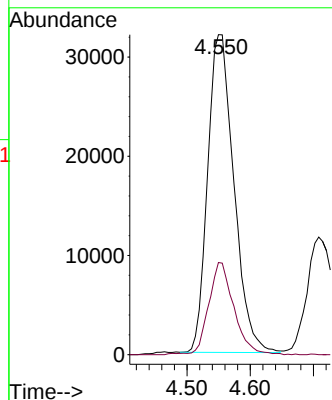
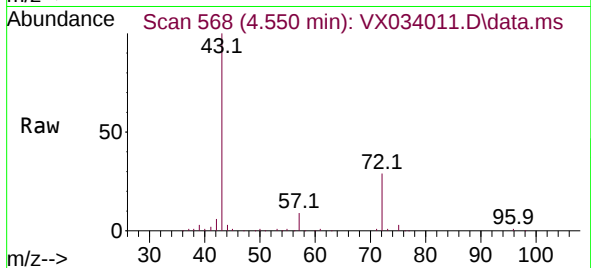
72 28.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#26

2,2-Dichloropropane

Concen: 18.449 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX034011.D

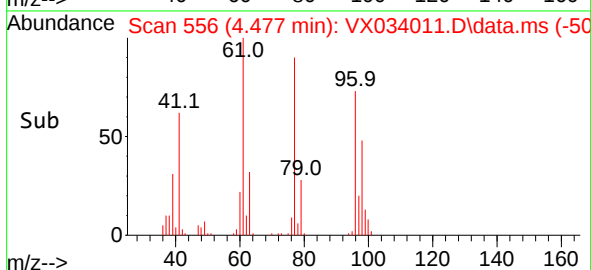
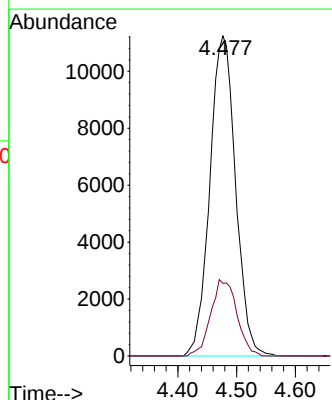
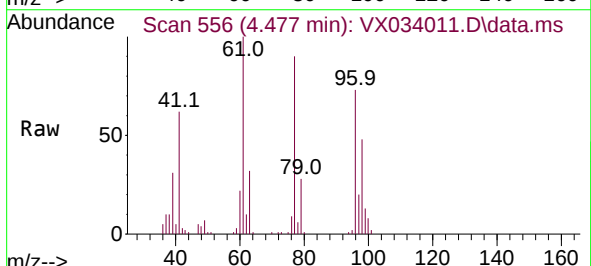
Acq: 03 Feb 2023 15:32

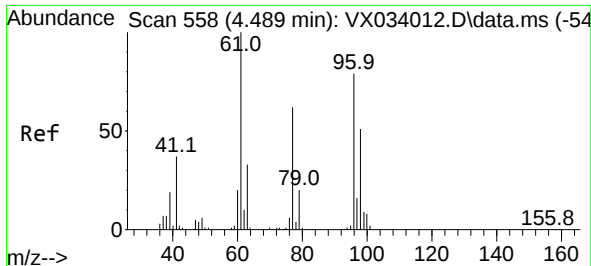
Tgt Ion: 77 Resp: 34231

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.255 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 3231

Ion Ratio Lower Upper

96 100

61 130.8 0.0 277.6

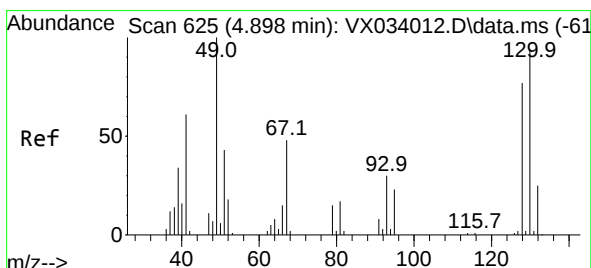
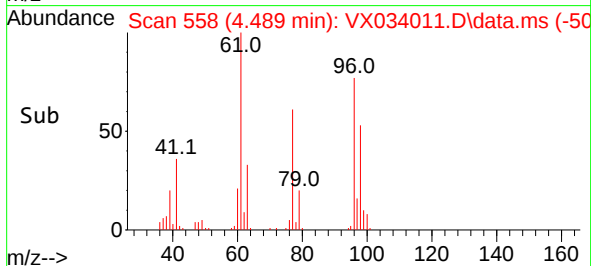
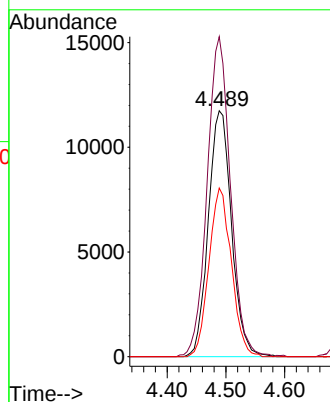
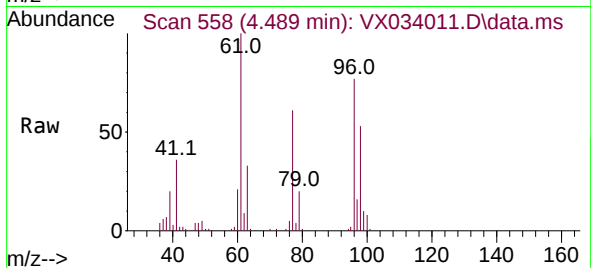
98 66.1 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#28

Bromochloromethane

Concen: 17.825 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

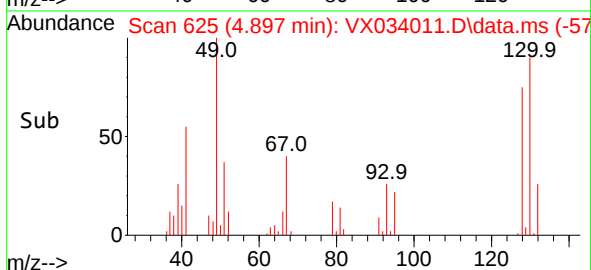
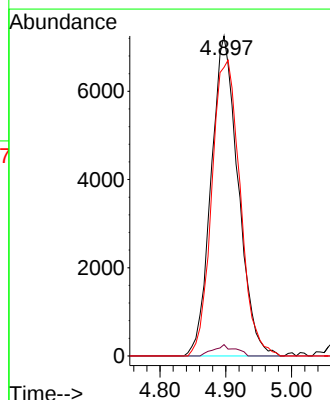
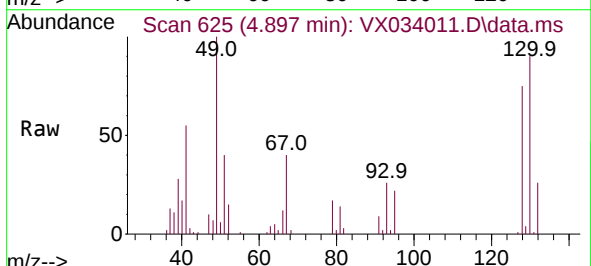
Tgt Ion: 49 Resp: 20779

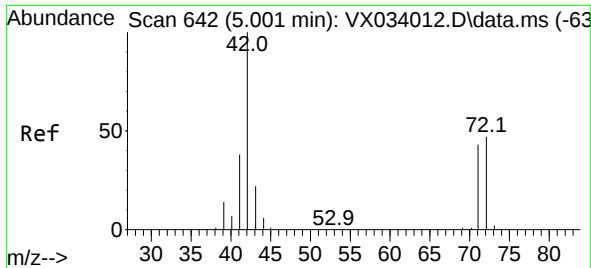
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

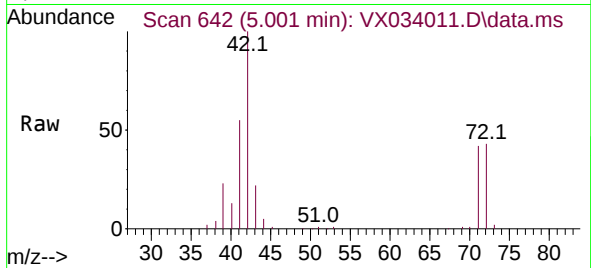
130 96.7 68.5 102.7





#29
Tetrahydrofuran
Concen: 91.760 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

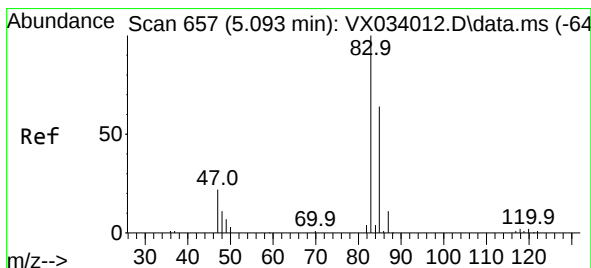
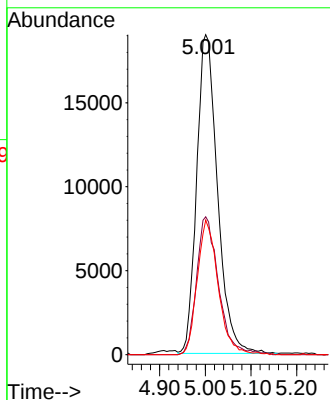
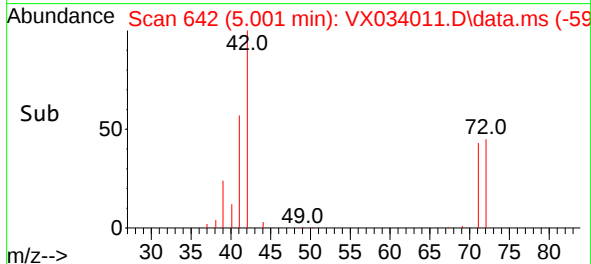
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 42 Resp: 6020
Ion Ratio Lower Upper
42 100
72 45.6 34.8 52.2
71 42.5 32.2 48.2

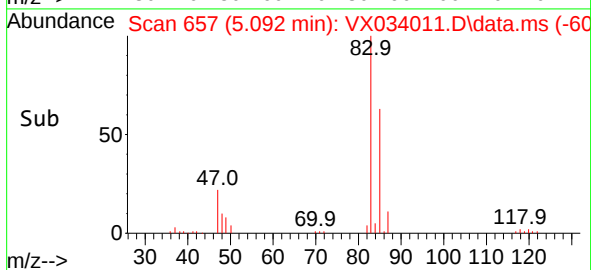
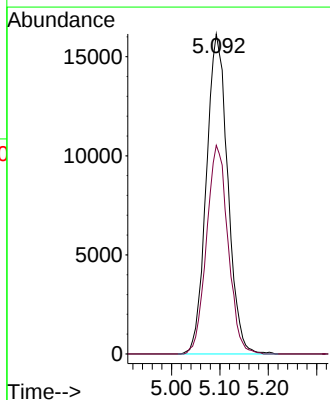
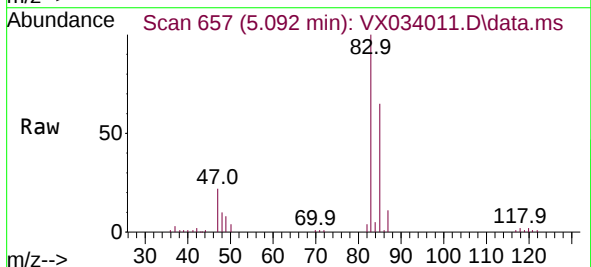
Manual Integrations
APPROVED

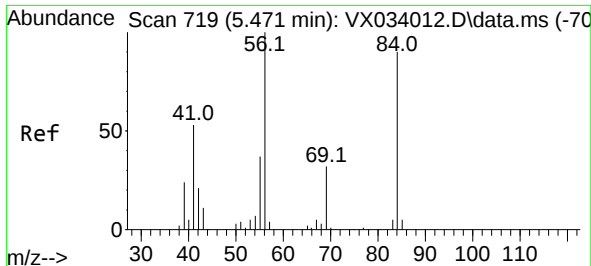
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#30
Chloroform
Concen: 18.720 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

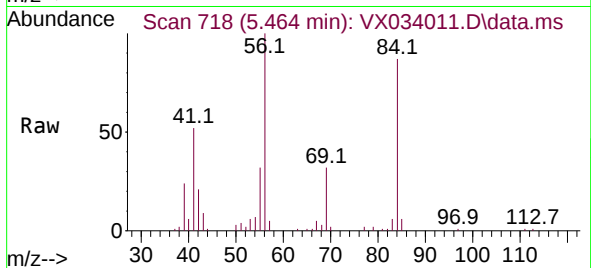
Tgt Ion: 83 Resp: 49600
Ion Ratio Lower Upper
83 100
85 65.2 52.1 78.1





#31
Cyclohexane
Concen: 19.062 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

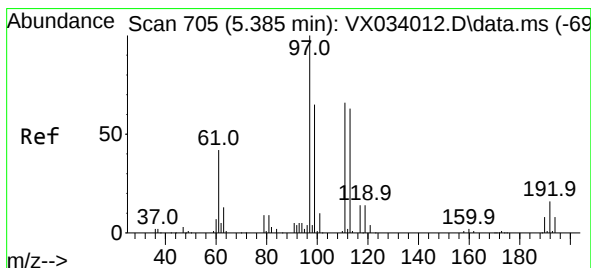
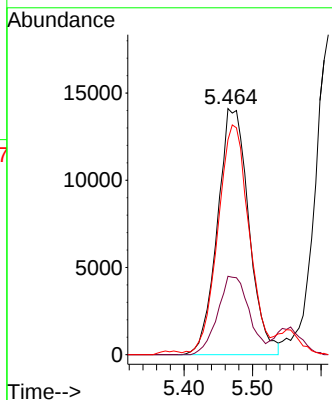
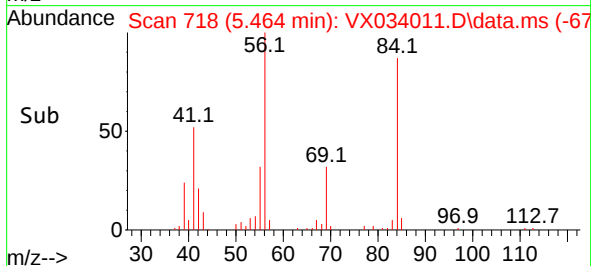
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 44860
Ion Ratio Lower Upper
56 100
69 31.9 24.6 37.0
84 86.2 71.0 106.6

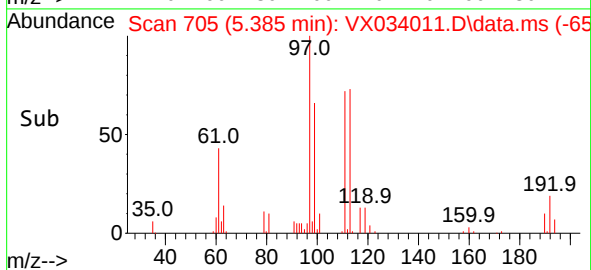
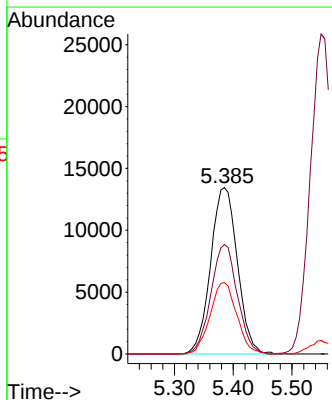
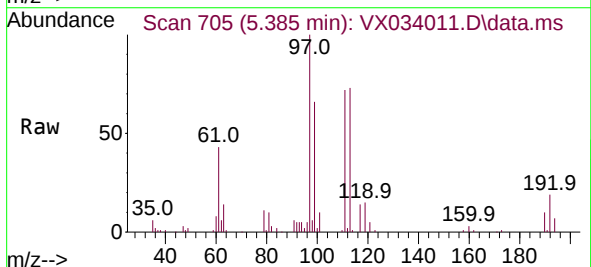
Manual Integrations
APPROVED

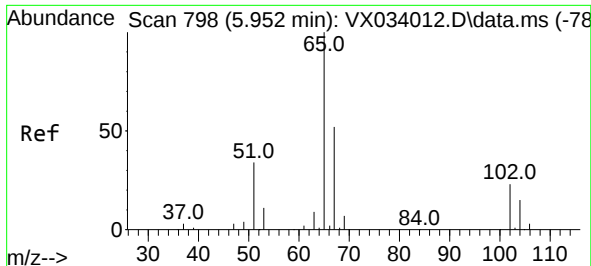
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#32
1,1,1-Trichloroethane
Concen: 18.790 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Tgt Ion: 97 Resp: 42551
Ion Ratio Lower Upper
97 100
99 65.0 52.3 78.5
61 42.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 19.123 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 30652

Ion Ratio Lower Upper

65 100

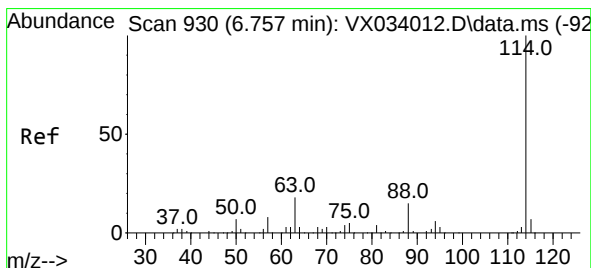
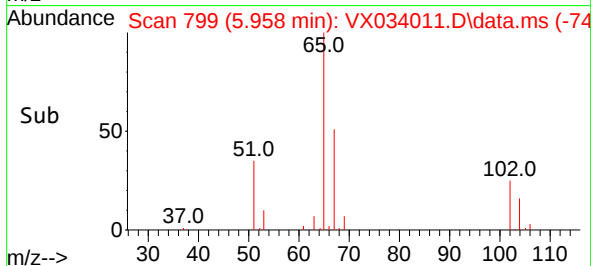
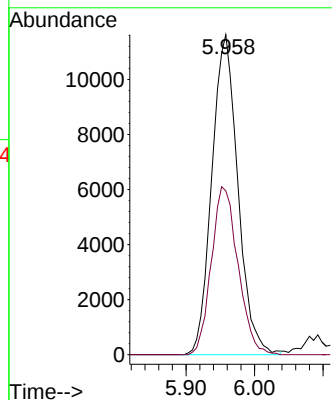
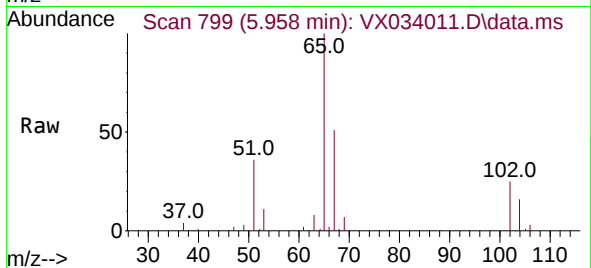
67 53.7 0.0 104.8

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: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

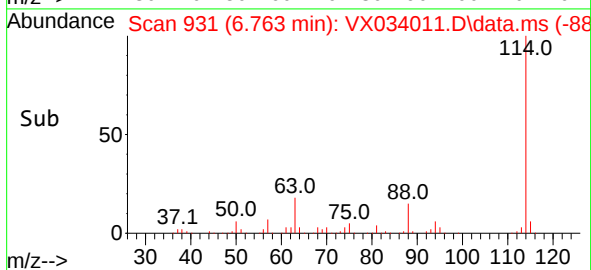
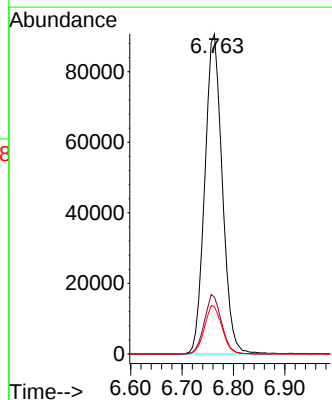
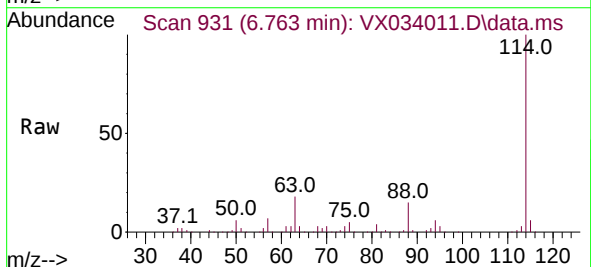
Tgt Ion:114 Resp: 214428

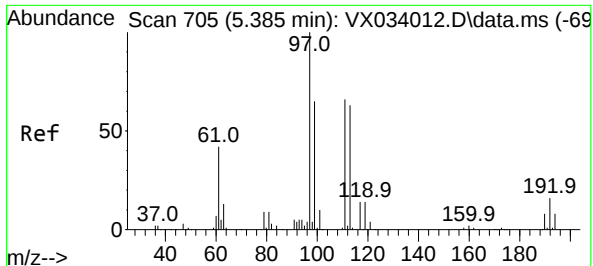
Ion Ratio Lower Upper

114 100

63 17.7 0.0 37.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 21.363 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

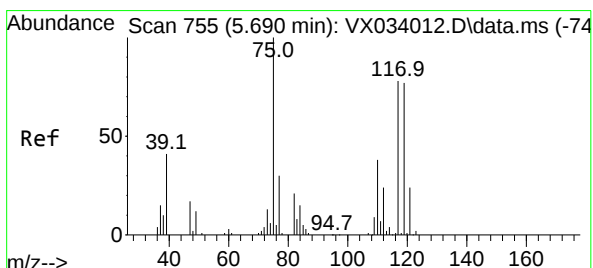
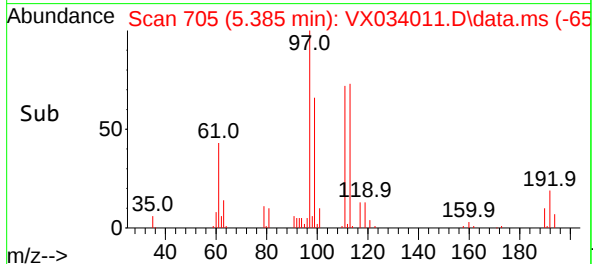
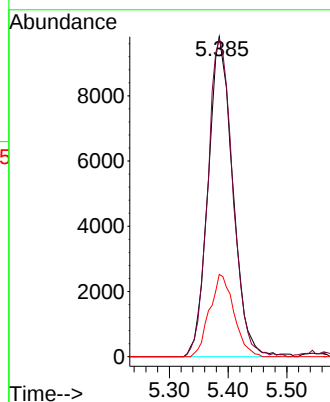
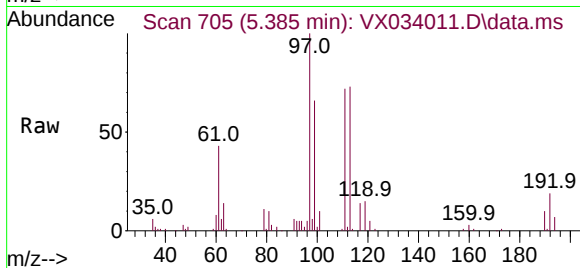
Tgt Ion:	113	Resp:	28600
Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.0	124.6
192	25.3	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#36

1,1-Dichloropropene

Concen: 19.545 ug/l

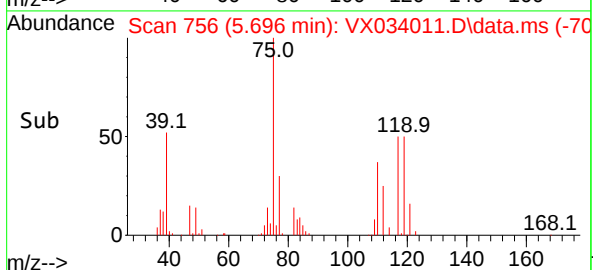
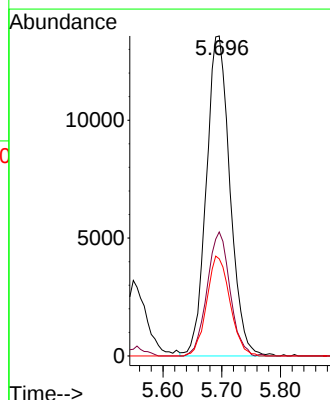
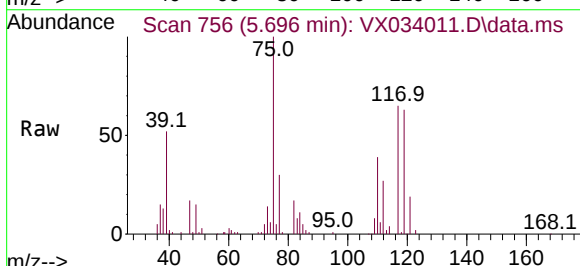
RT: 5.696 min Scan# 756

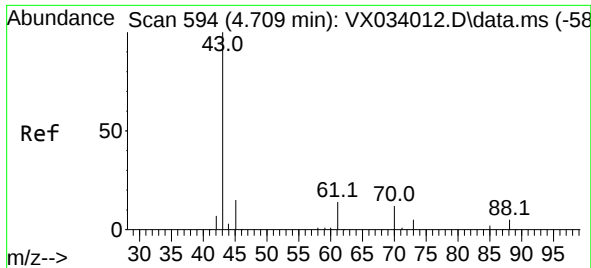
Delta R.T. 0.006 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

Tgt Ion:	75	Resp:	37951
Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.8	56.4
77	30.8	25.1	37.7





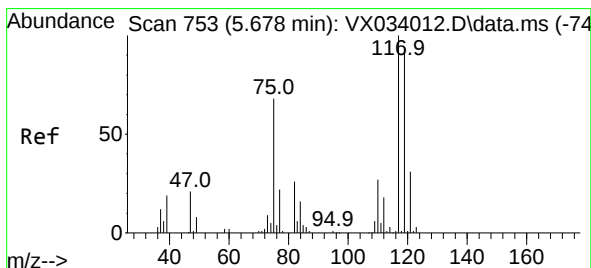
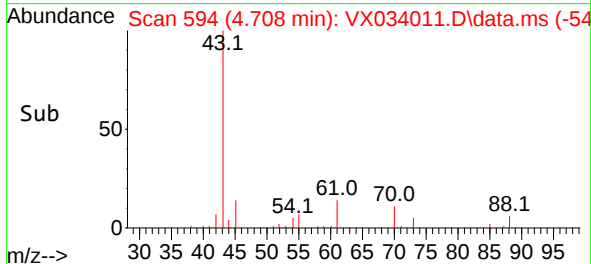
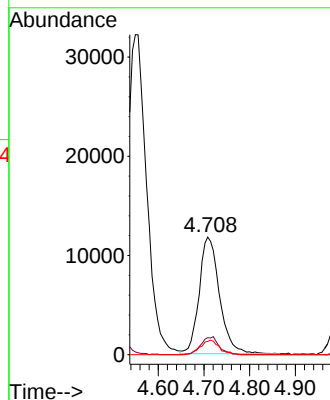
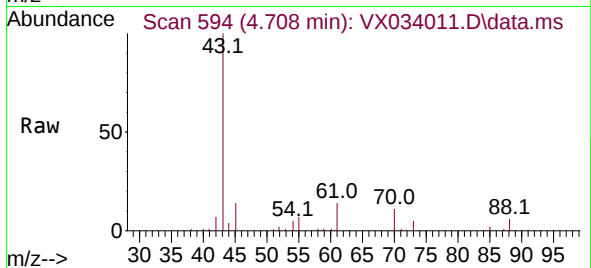
#37
Ethyl Acetate
Concen: 17.223 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 3623
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 11.5 8.5 12.7

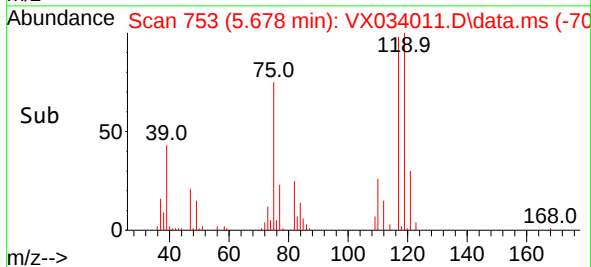
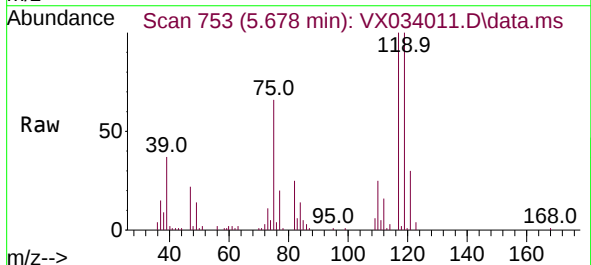
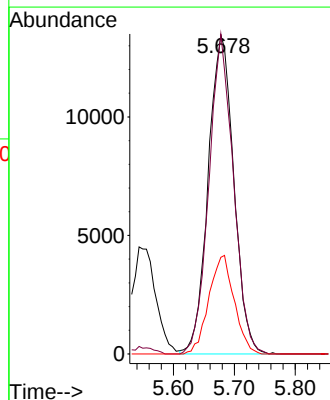
Manual Integrations
APPROVED

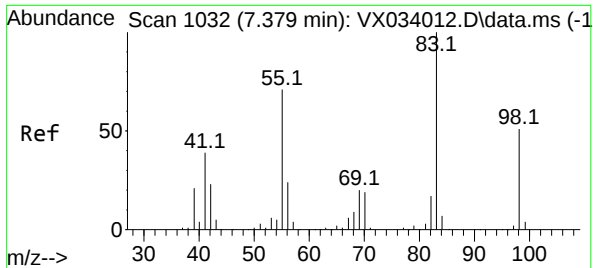
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#38
Carbon Tetrachloride
Concen: 19.543 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Tgt Ion:117 Resp: 39313
Ion Ratio Lower Upper
117 100
119 100.4 78.0 117.0
121 30.3 24.4 36.6





#39
Methylcyclohexane
Concen: 19.438 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

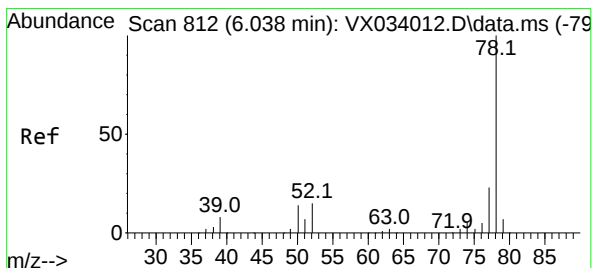
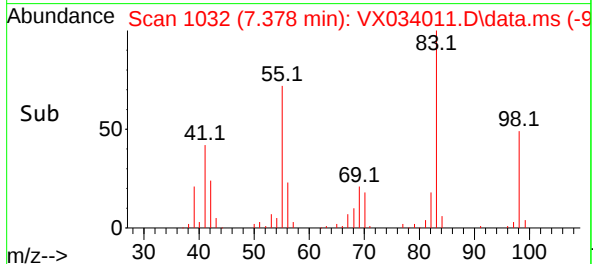
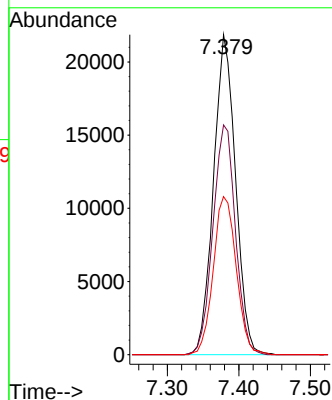
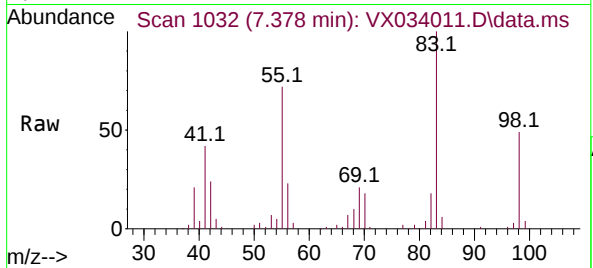
Tgt Ion: 83 Resp: 46750
Ion Ratio Lower Upper
83 100
55 71.8 61.8 92.6
98 49.4 39.3 58.9

Manual Integrations

APPROVED

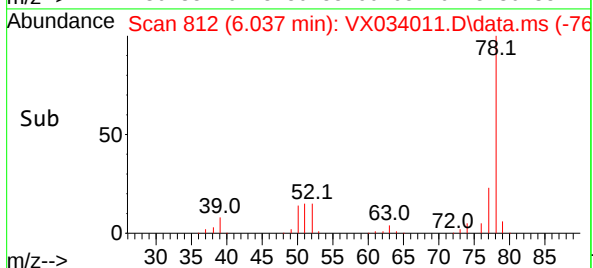
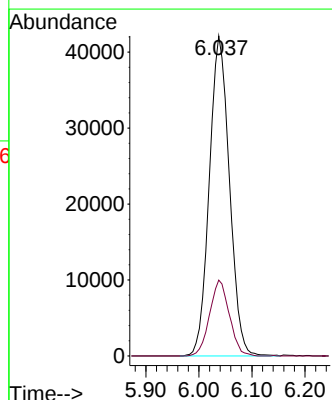
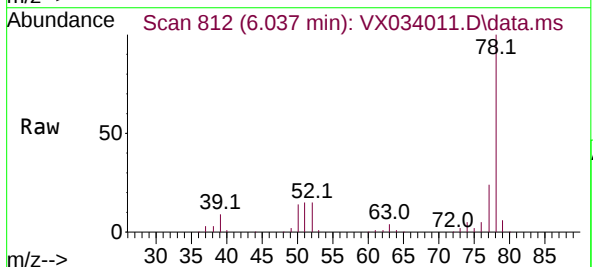
Reviewed By :John Carlone 02/06/2023

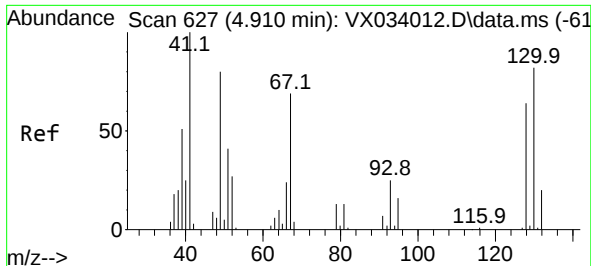
Supervised By :Mahesh Dadoda 02/06/2023



#40
Benzene
Concen: 19.661 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Tgt Ion: 78 Resp: 111057
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





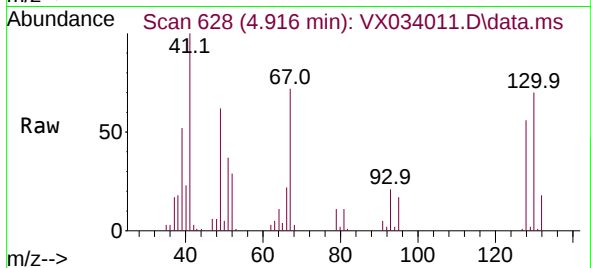
#41
Methacrylonitrile
Concen: 19.163 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



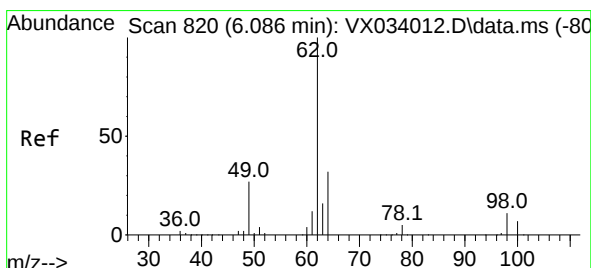
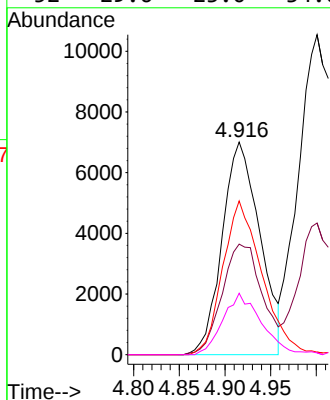
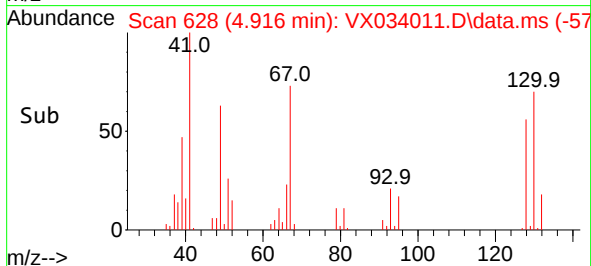
Tgt Ion: 41 Resp: 20149
Ion Ratio Lower Upper
41 100
39 55.1 43.8 65.6
67 75.3 54.8 82.2
52 29.6 23.0 34.6

Manual Integrations

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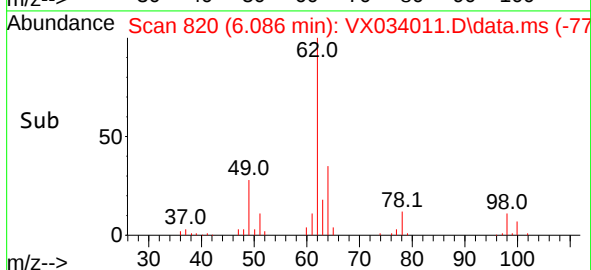
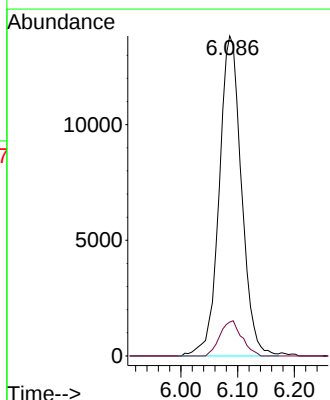
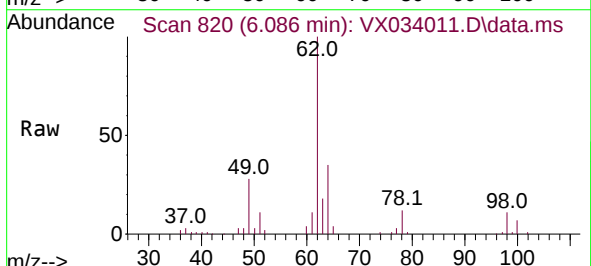
Reviewed By :John Carlone 02/06/2023

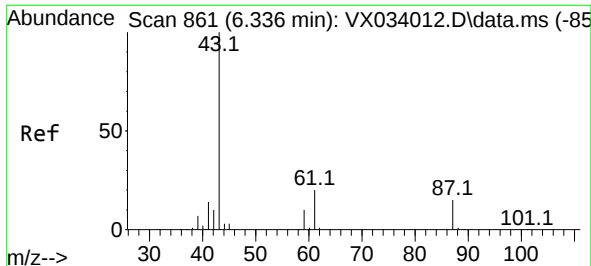
Supervised By :Mahesh Dadoda 02/06/2023



#42
1,2-Dichloroethane
Concen: 18.984 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

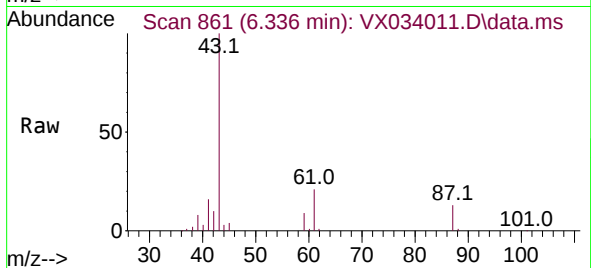
Tgt Ion: 62 Resp: 37752
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.2





#43
Isopropyl Acetate
Concen: 18.362 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

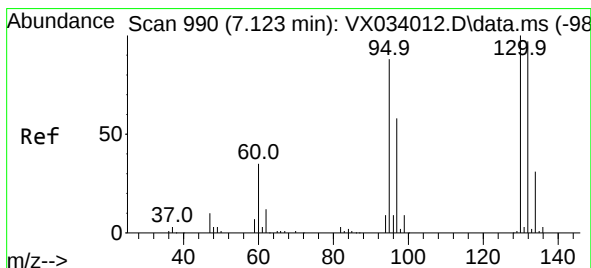
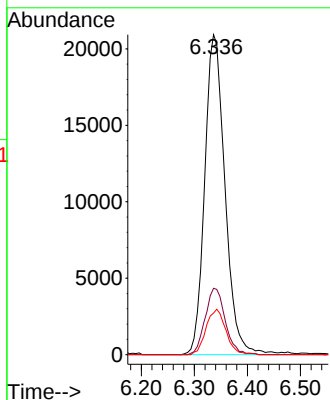
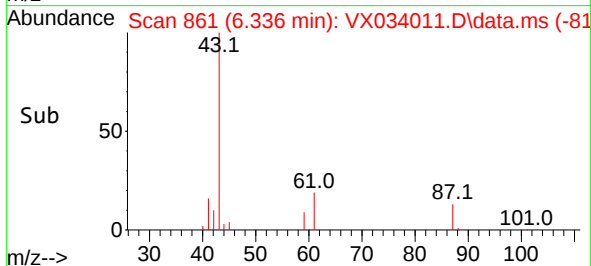
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 5564
Ion Ratio Lower Upper
43 100
61 20.5 15.7 23.5
87 13.9 10.6 15.8

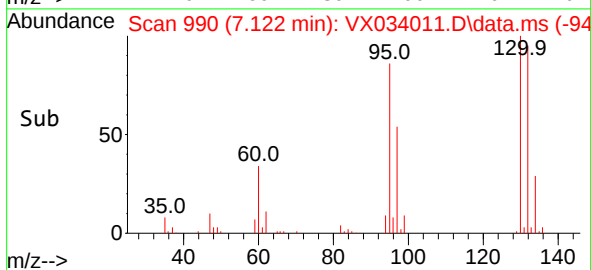
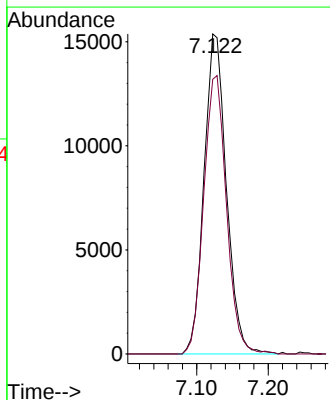
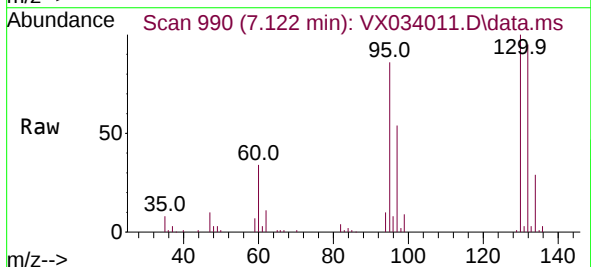
Manual Integrations
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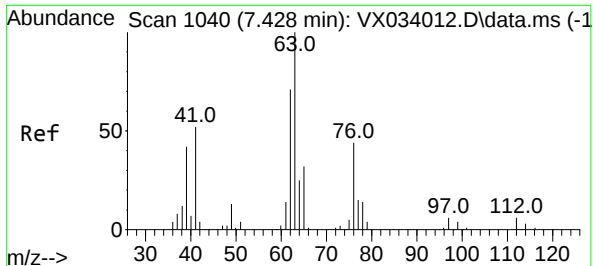
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#44
Trichloroethene
Concen: 20.864 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Tgt Ion:130 Resp: 33393
Ion Ratio Lower Upper
130 100
95 85.8 0.0 182.6





#45

1,2-Dichloropropane

Concen: 19.418 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 2739

Ion Ratio Lower Upper

63 100

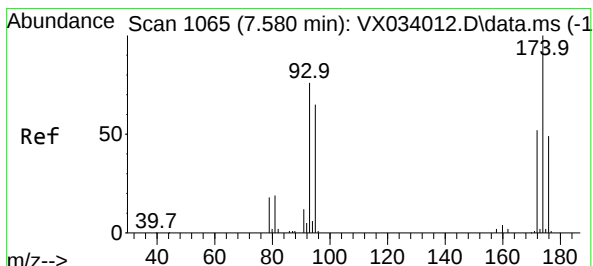
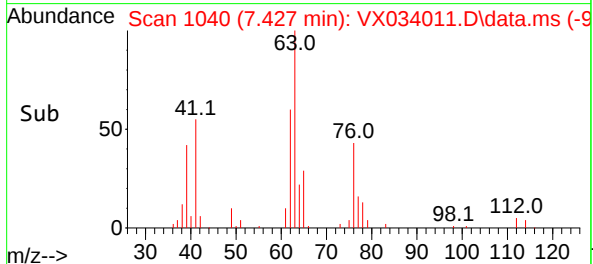
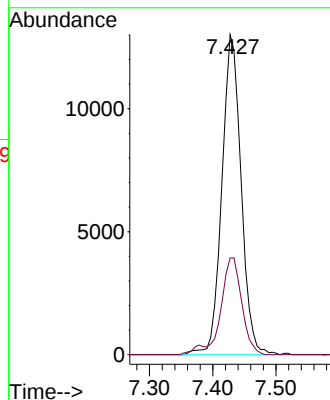
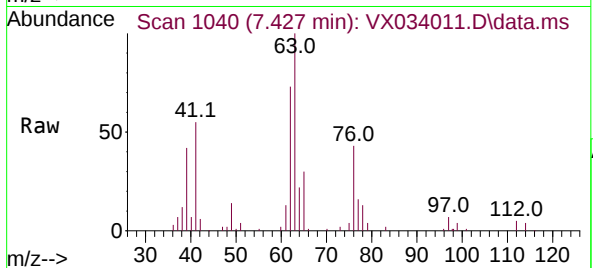
65 30.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#46

Dibromomethane

Concen: 20.205 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

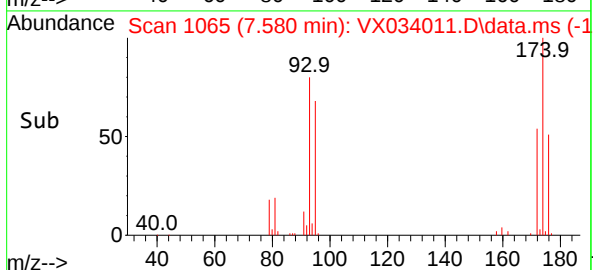
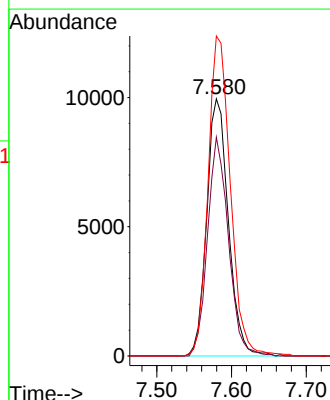
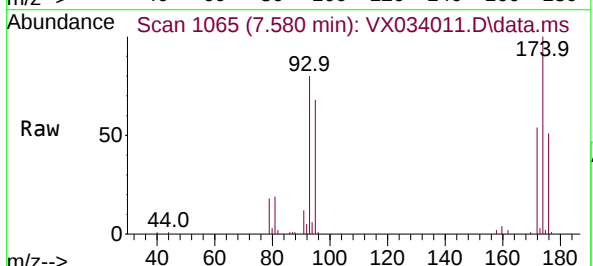
Tgt Ion: 93 Resp: 20011

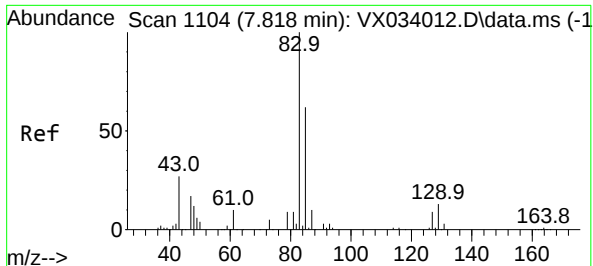
Ion Ratio Lower Upper

93 100

95 82.2 67.6 101.4

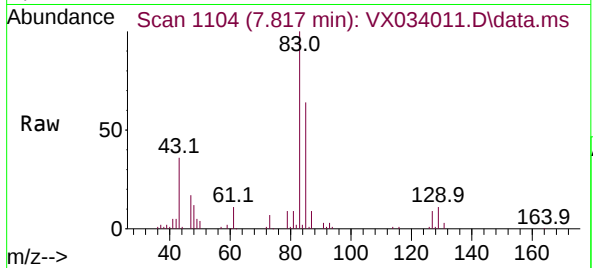
174 128.2 97.4 146.0





#47
Bromodichloromethane
Concen: 19.631 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

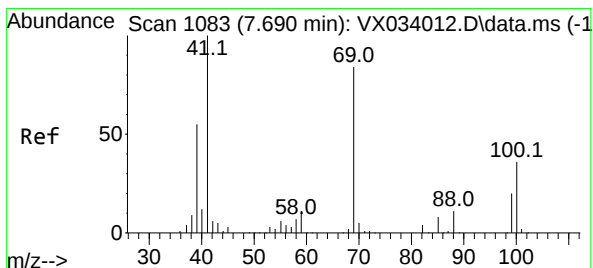
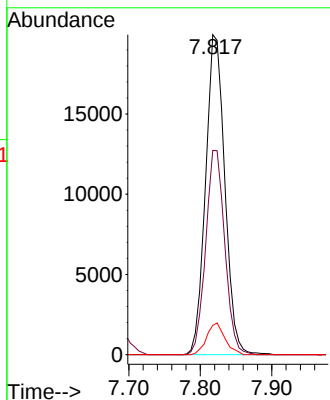
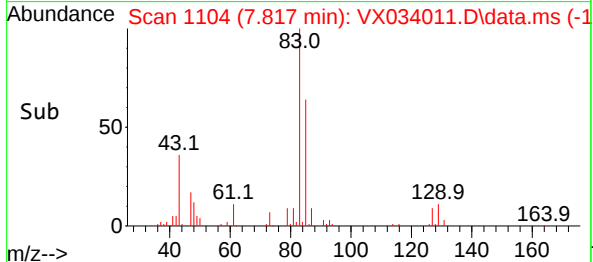
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 37308
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.6
127 9.2 7.0 10.4

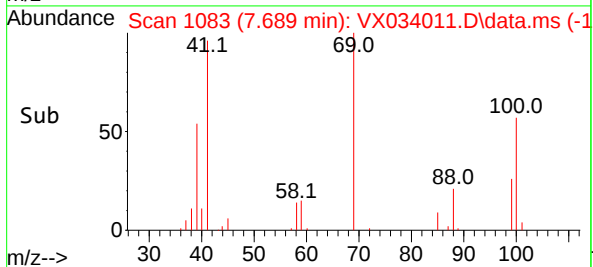
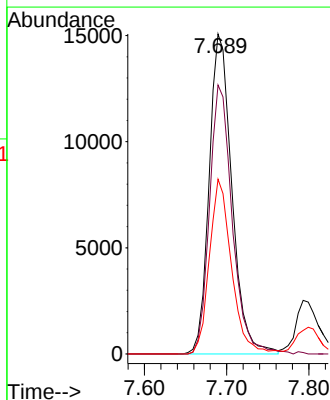
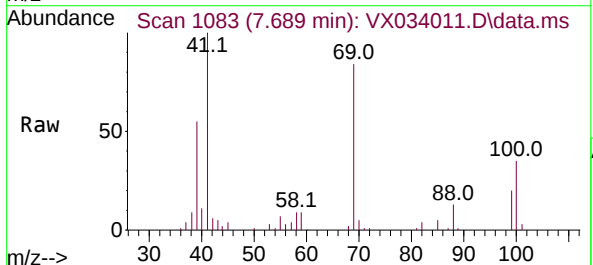
Manual Integrations
APPROVED

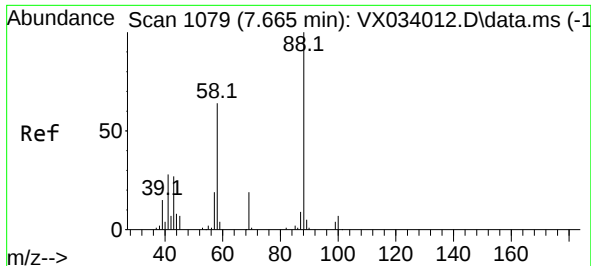
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#48
Methyl methacrylate
Concen: 19.023 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Tgt Ion: 41 Resp: 28974
Ion Ratio Lower Upper
41 100
69 84.2 63.1 94.7
39 53.2 43.2 64.8





#49

1,4-Dioxane

Concen: 326.209 ug/l

RT: 7.671 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

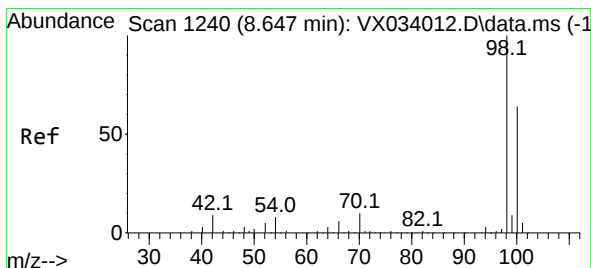
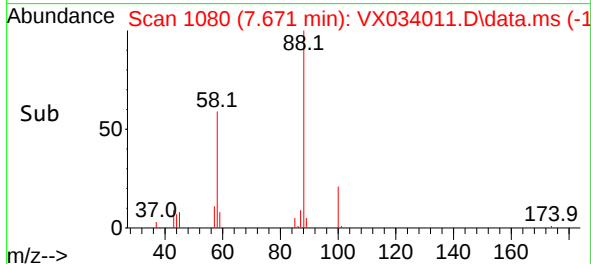
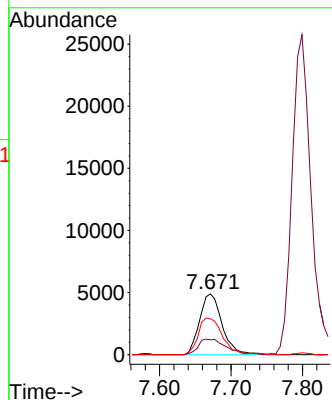
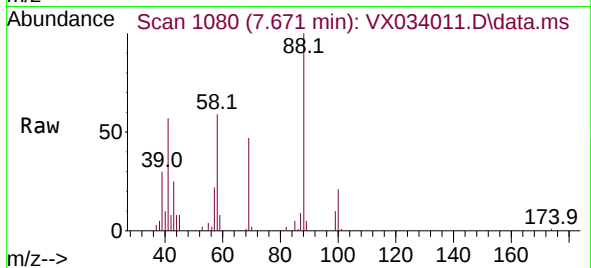
Tgt Ion: 88 Resp: 1069
 Ion Ratio Lower Upper
 88 100
 43 31.5 0.0 0.0
 58 64.7 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#50

Toluene-d8

Concen: 21.096 ug/l

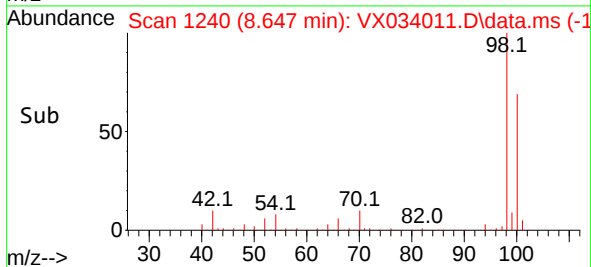
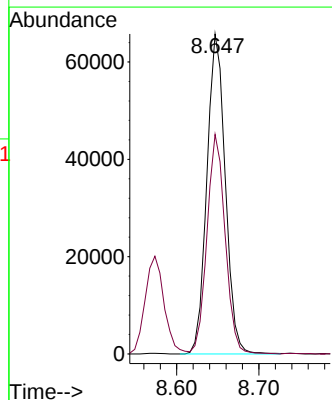
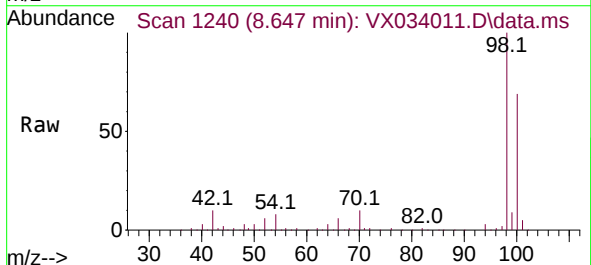
RT: 8.647 min Scan# 1240

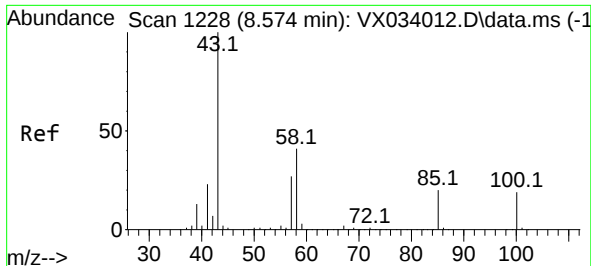
Delta R.T. -0.000 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

Tgt Ion: 98 Resp: 102367
 Ion Ratio Lower Upper
 98 100
 100 67.7 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 96.572 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 17892

Ion Ratio Lower Upper

43 100

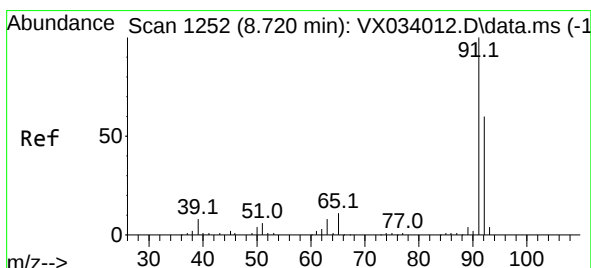
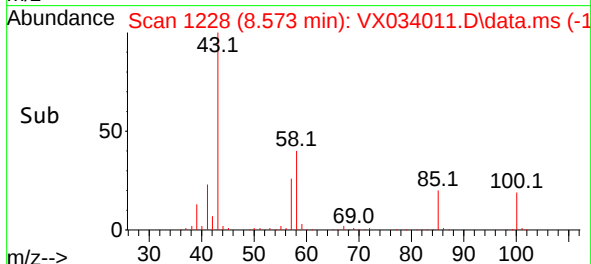
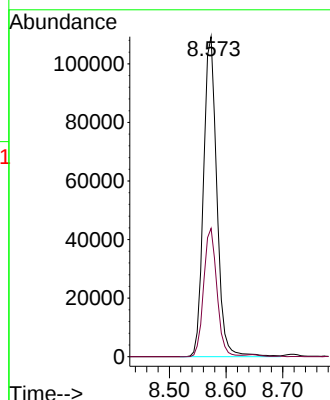
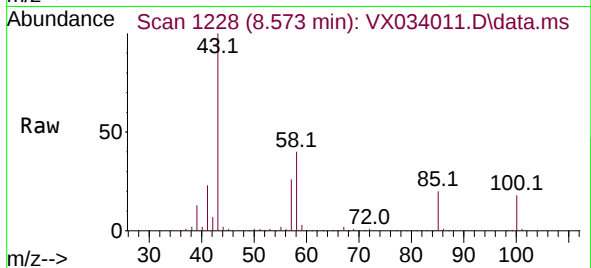
58 39.6 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#52

Toluene

Concen: 20.077 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX034011.D

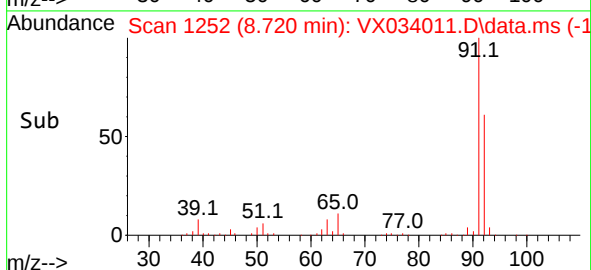
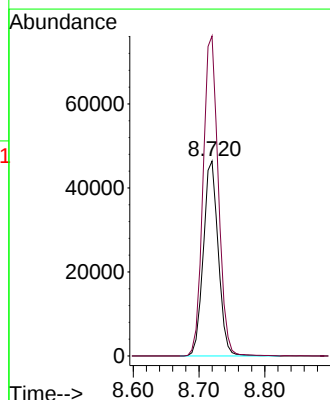
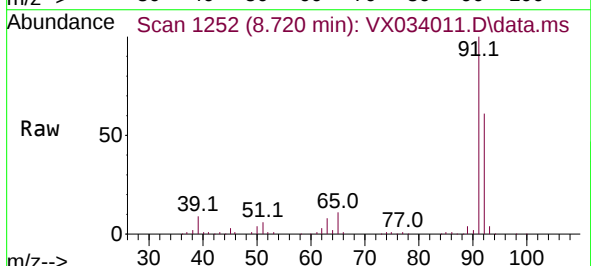
Acq: 03 Feb 2023 15:32

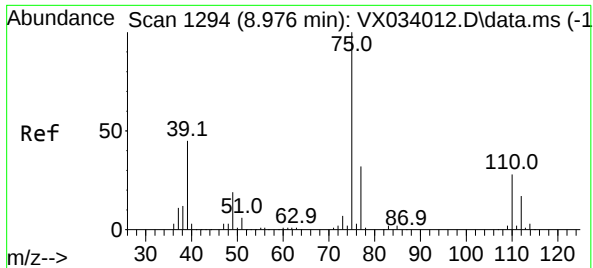
Tgt Ion: 92 Resp: 73134

Ion Ratio Lower Upper

92 100

91 167.6 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 19.351 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 36744

Ion Ratio Lower Upper

75 100

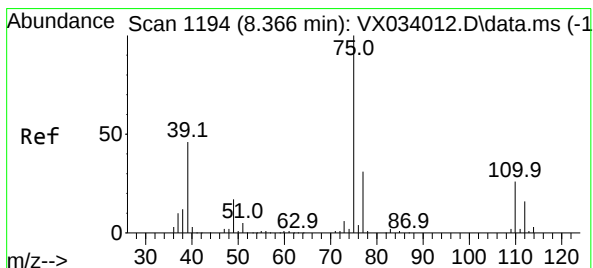
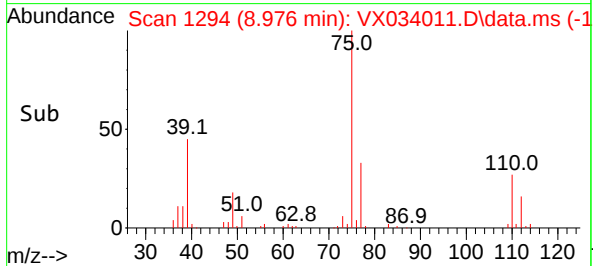
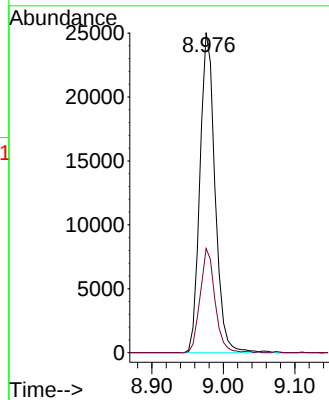
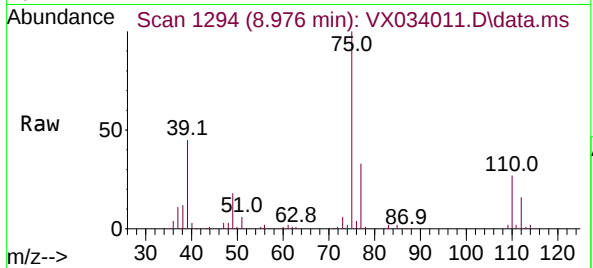
77 32.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#54

cis-1,3-Dichloropropene

Concen: 19.530 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

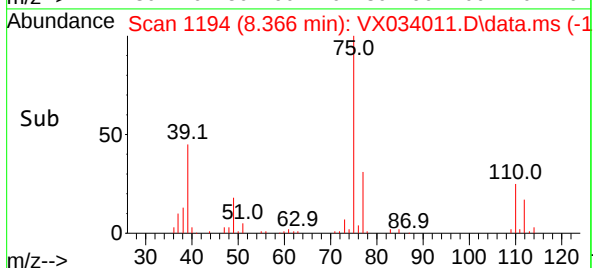
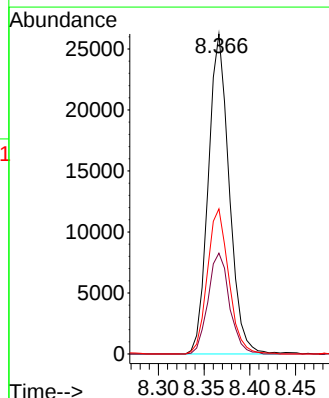
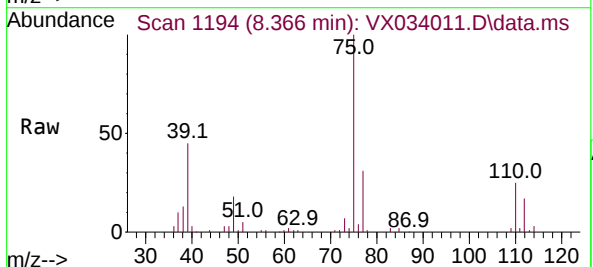
Tgt Ion: 75 Resp: 41649

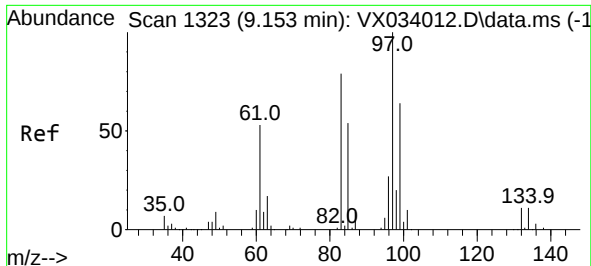
Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6

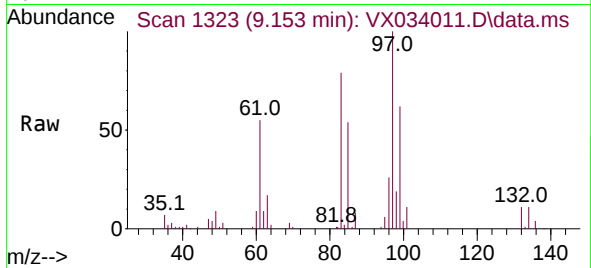
39 45.4 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 20.232 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

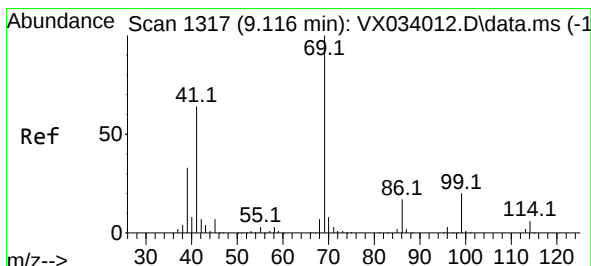
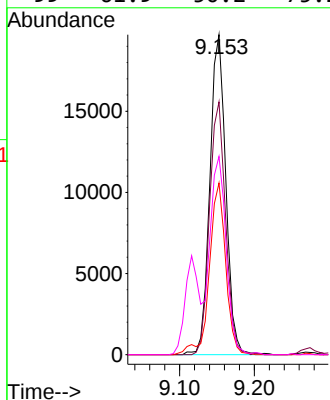
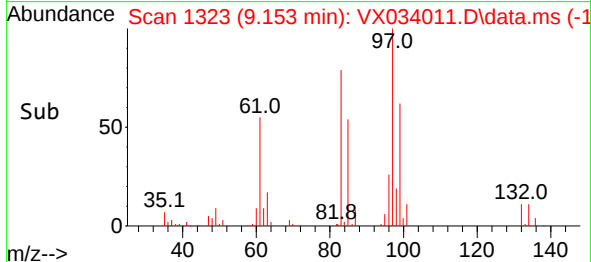


Tgt Ion: 97 Resp: 29294

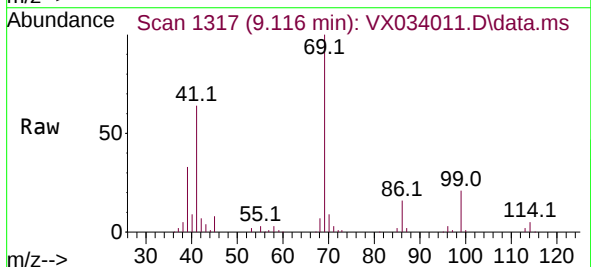
Ion	Ratio	Lower	Upper
97	100		
83	79.0	67.4	101.0
85	53.7	43.2	64.8
99	61.9	50.2	75.2

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

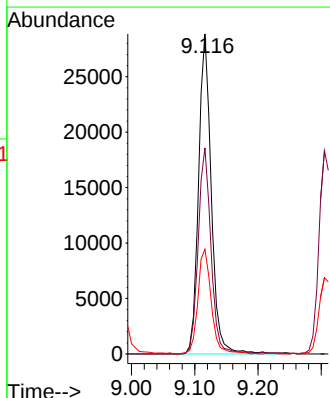
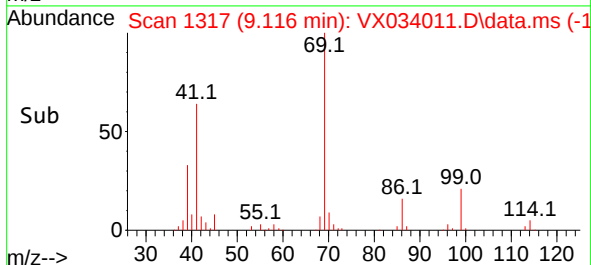


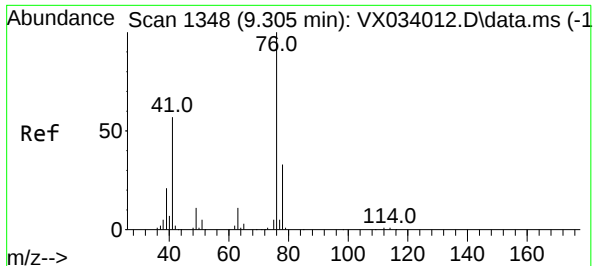
#56
Ethyl methacrylate
Concen: 19.953 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32



Tgt Ion: 69 Resp: 40464

Ion	Ratio	Lower	Upper
69	100		
41	65.1	55.1	82.7
39	34.5	28.5	42.7





#57

1,3-Dichloropropane

Concen: 20.328 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 4742

Ion Ratio Lower Upper

76 100

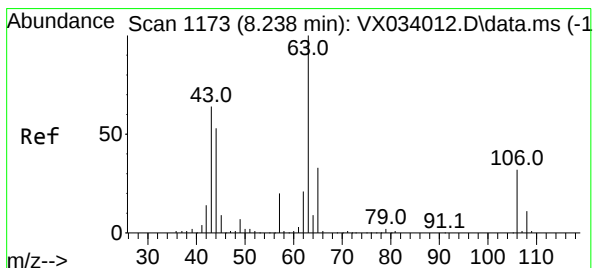
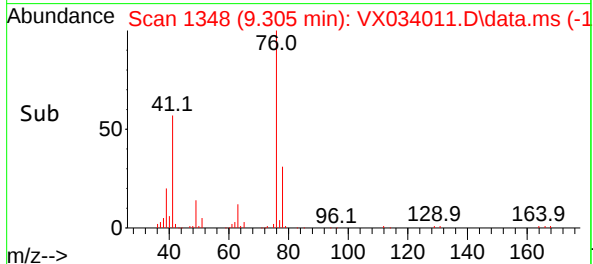
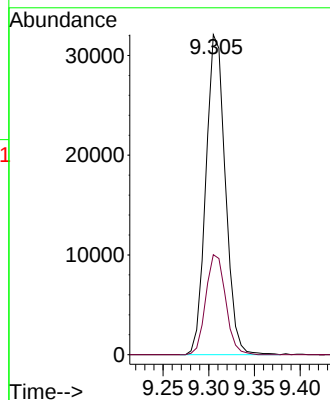
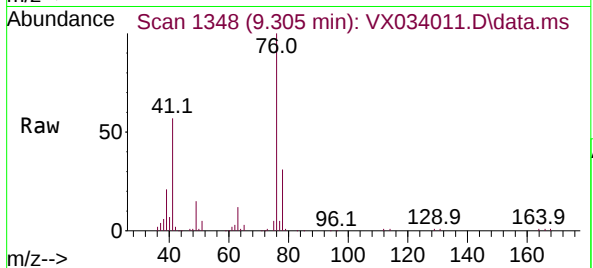
78 31.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 92.150 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX034011.D

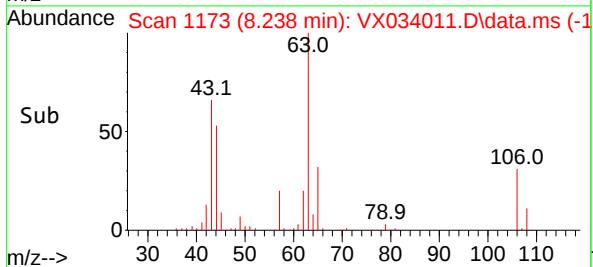
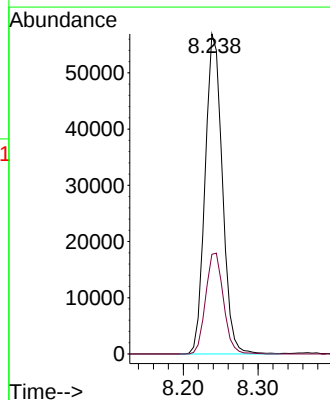
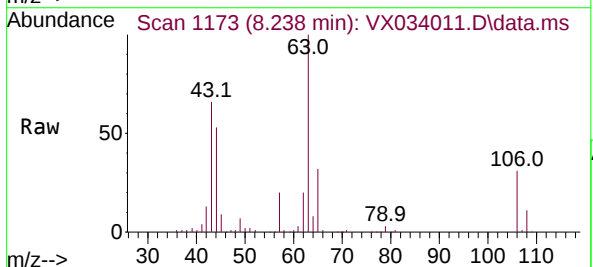
Acq: 03 Feb 2023 15:32

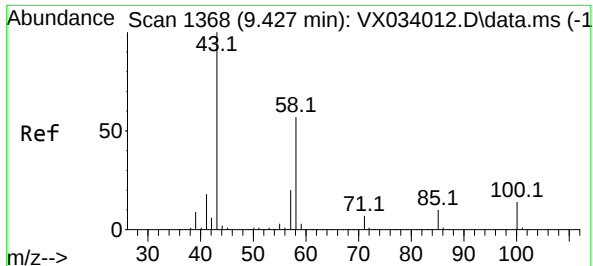
Tgt Ion: 63 Resp: 91329

Ion Ratio Lower Upper

63 100

106 32.4 24.5 36.7





#59

2-Hexanone

Concen: 103.522 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 13340

Ion Ratio Lower Upper

43 100

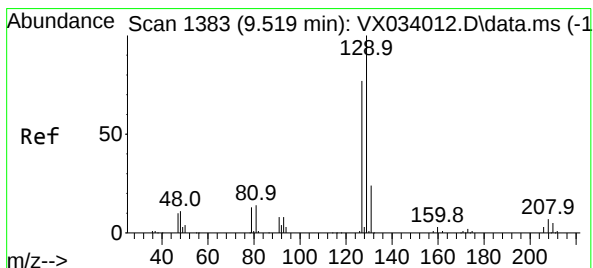
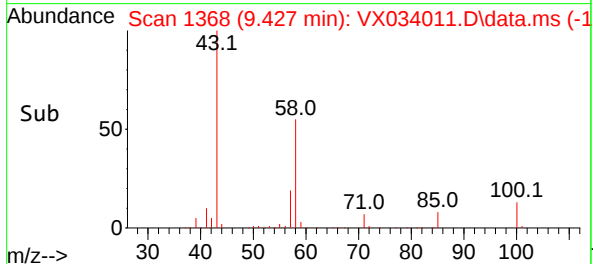
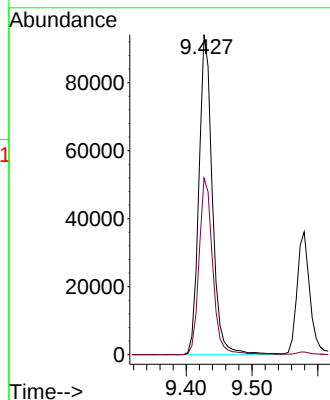
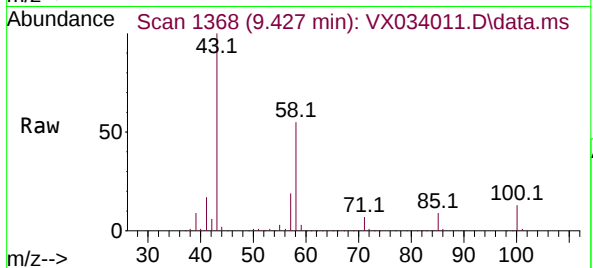
58 56.0 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#60

Dibromochloromethane

Concen: 20.885 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX034011.D

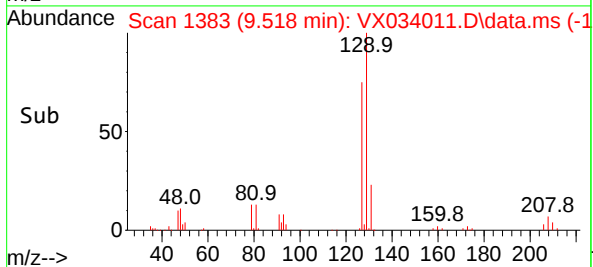
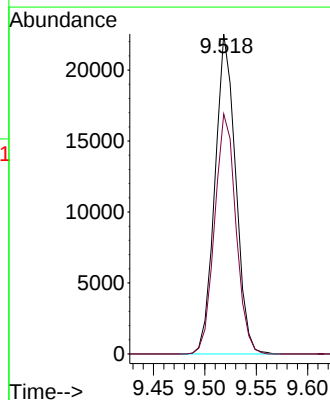
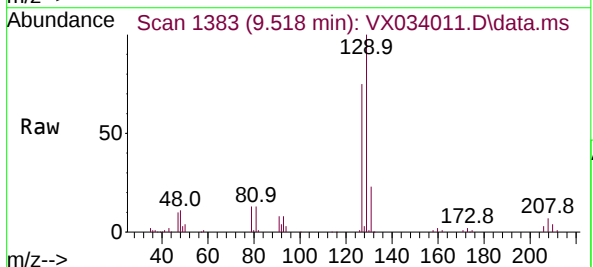
Acq: 03 Feb 2023 15:32

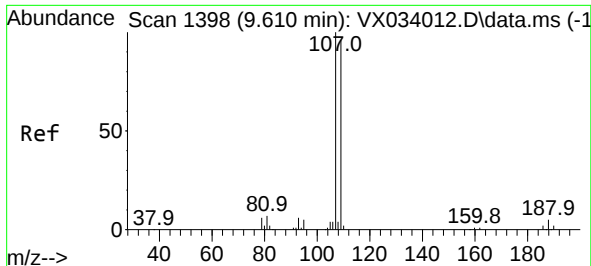
Tgt Ion:129 Resp: 31420

Ion Ratio Lower Upper

129 100

127 77.3 38.8 116.3





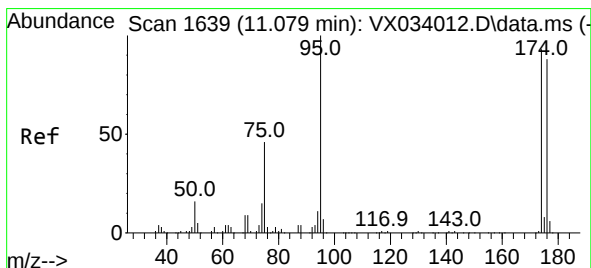
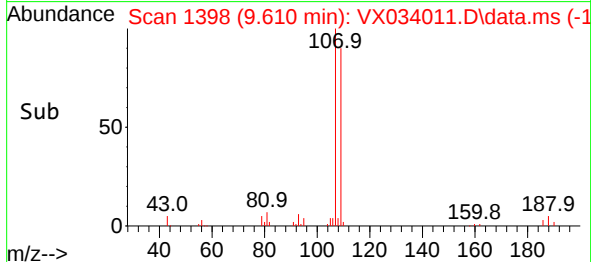
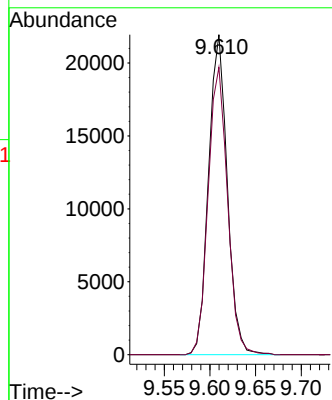
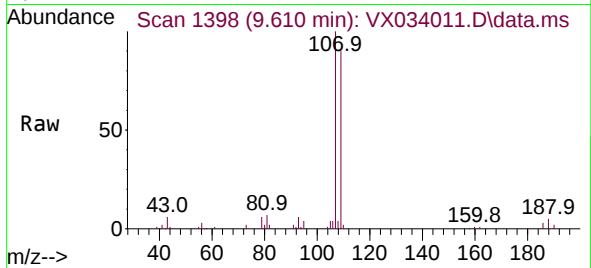
#61
1,2-Dibromoethane
Concen: 21.690 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 31230
Ion Ratio Lower Upper
107 100
109 92.9 74.2 111.2

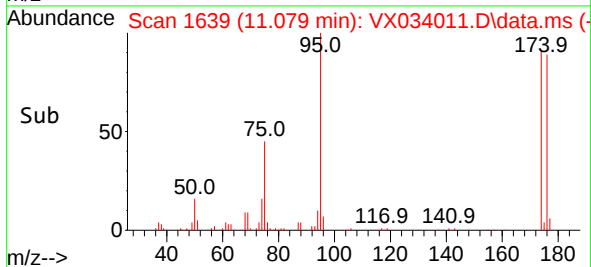
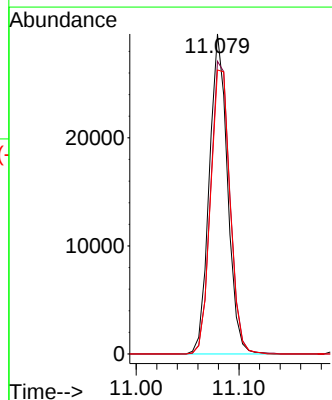
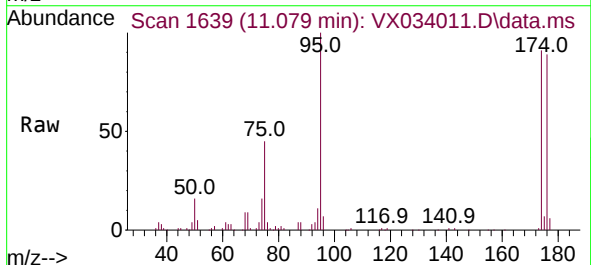
Manual Integrations
APPROVED

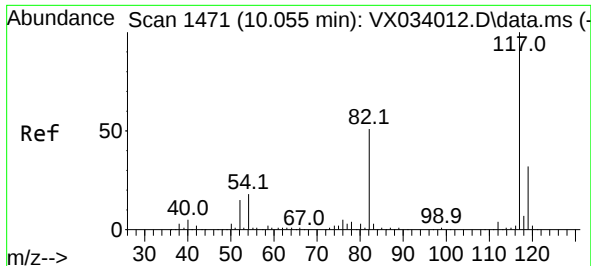
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#62
4-Bromofluorobenzene
Concen: 20.441 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

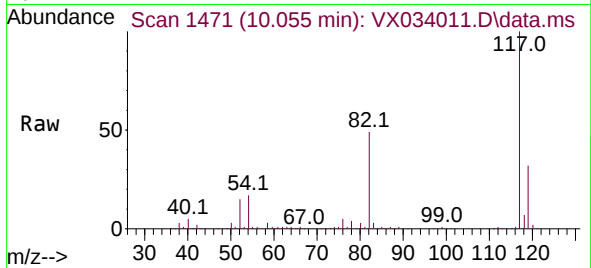
Tgt Ion: 95 Resp: 36491
Ion Ratio Lower Upper
95 100
174 97.1 0.0 184.4
176 95.3 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

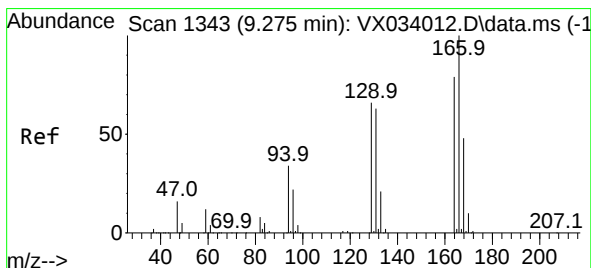
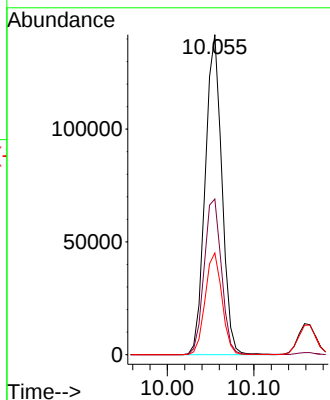
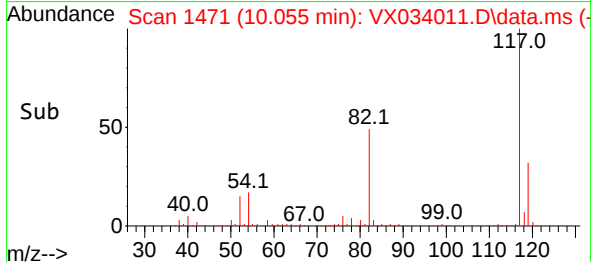
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



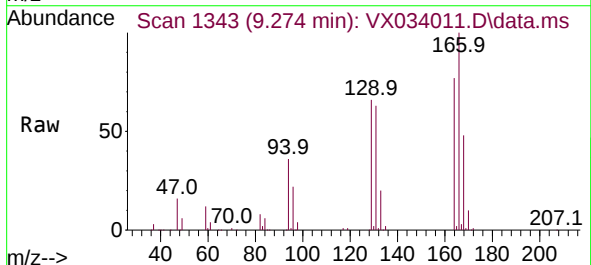
Tgt Ion:117 Resp: 189689
Ion Ratio Lower Upper
117 100
82 48.7 40.6 60.8
119 31.8 25.6 38.4

Manual Integrations
APPROVED

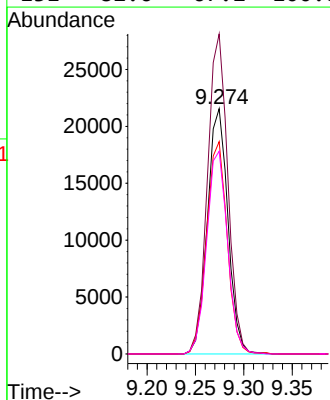
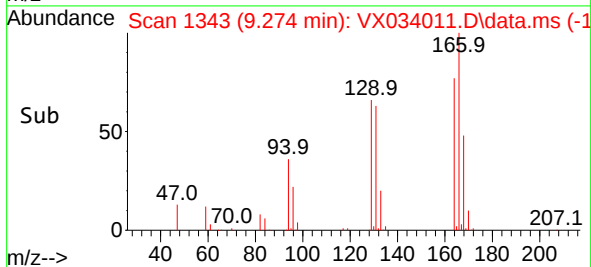
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

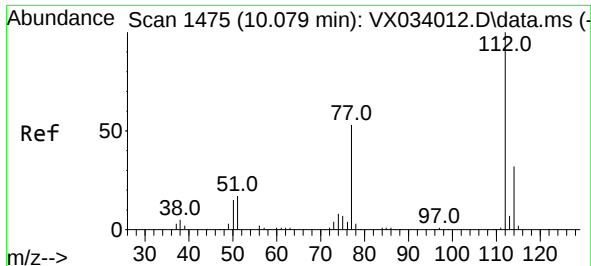


#64
Tetrachloroethene
Concen: 21.545 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32



Tgt Ion:164 Resp: 31871
Ion Ratio Lower Upper
164 100
166 130.4 100.2 150.2
129 86.6 69.2 103.8
131 82.6 67.2 100.8





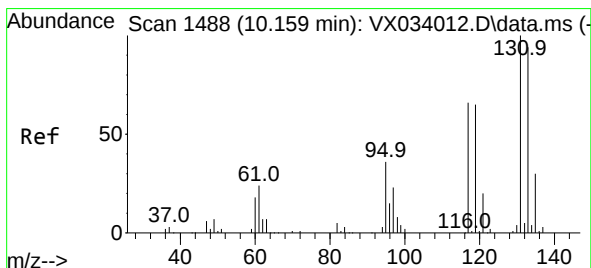
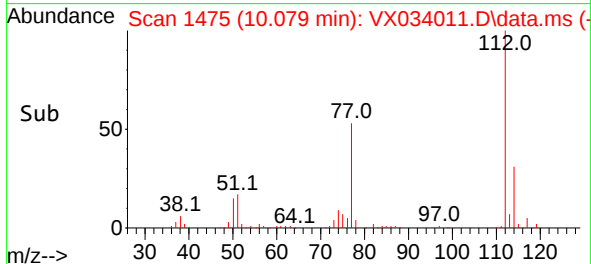
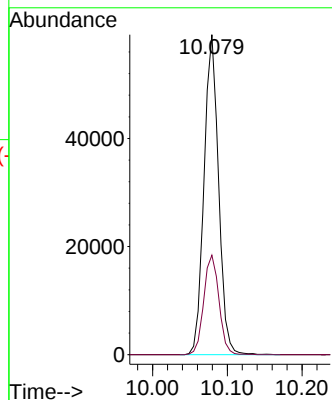
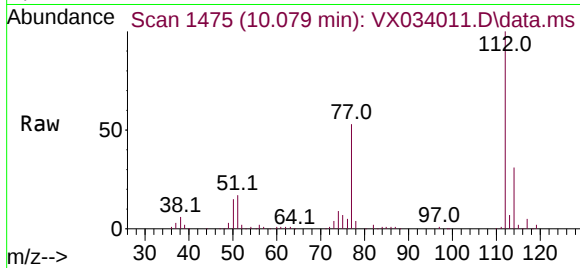
#65
Chlorobenzene
Concen: 20.244 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 7996
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.4

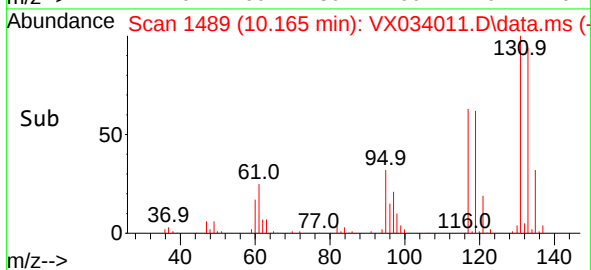
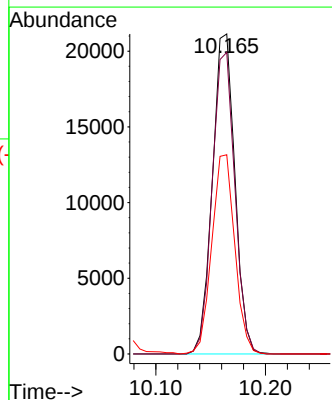
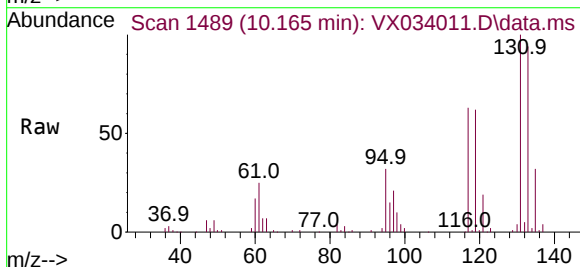
Manual Integrations
APPROVED

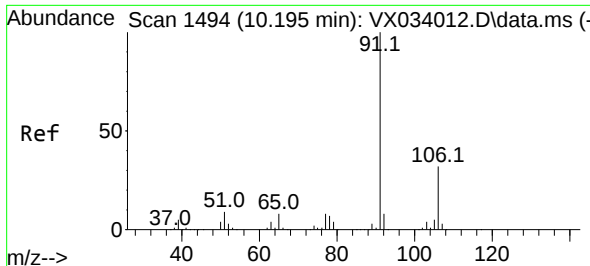
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.641 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Tgt Ion:131 Resp: 30130
Ion Ratio Lower Upper
131 100
133 95.0 48.4 145.0
119 63.6 31.9 95.7





#67

Ethyl Benzene

Concen: 20.252 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 13657

Ion Ratio Lower Upper

91 100

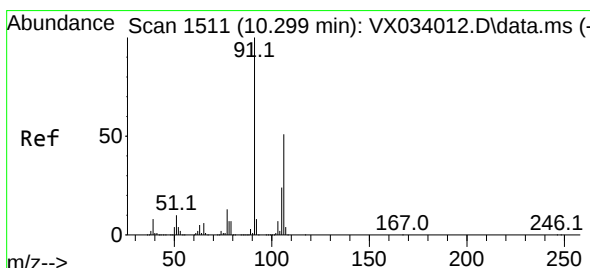
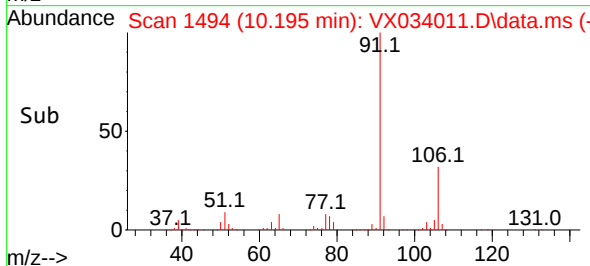
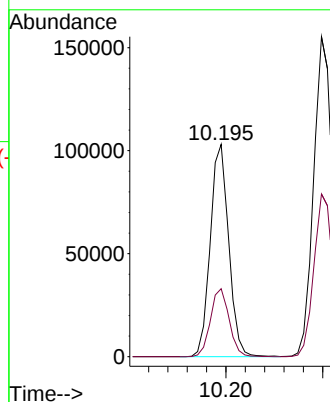
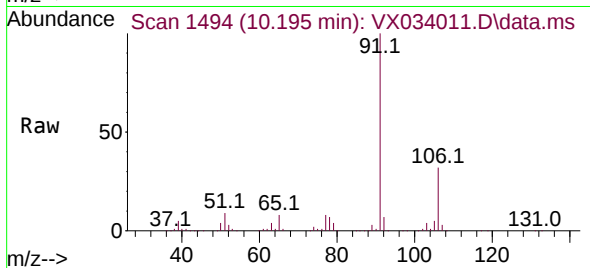
106 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#68

m/p-Xylenes

Concen: 41.178 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX034011.D

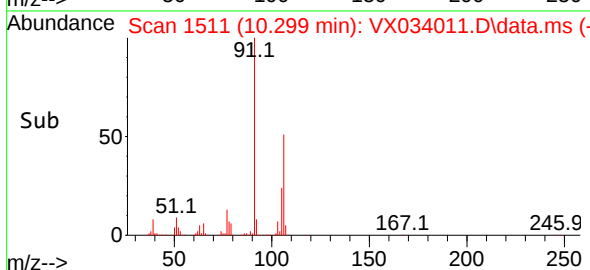
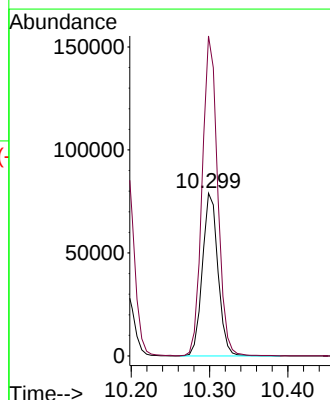
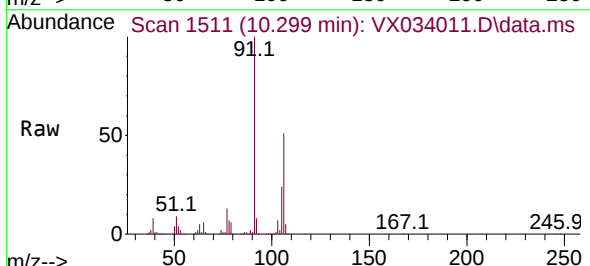
Acq: 03 Feb 2023 15:32

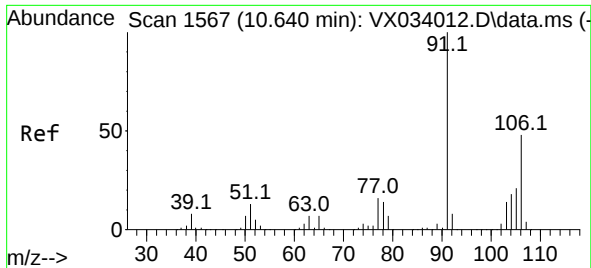
Tgt Ion:106 Resp: 108922

Ion Ratio Lower Upper

106 100

91 195.2 156.4 234.6





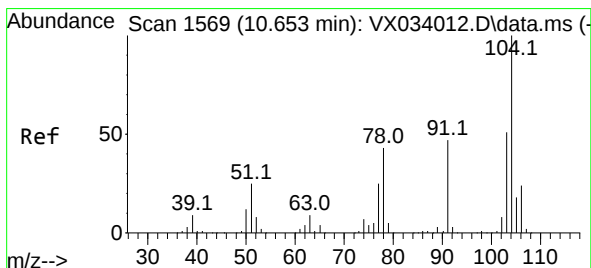
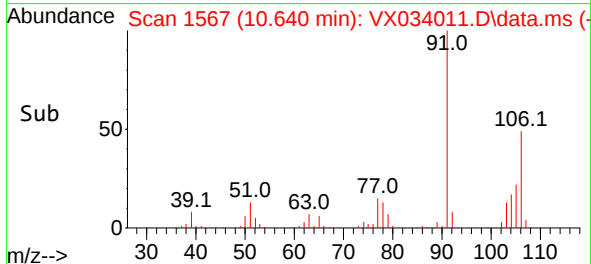
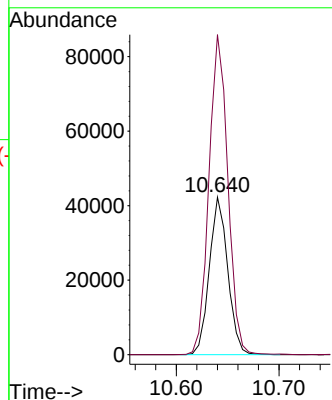
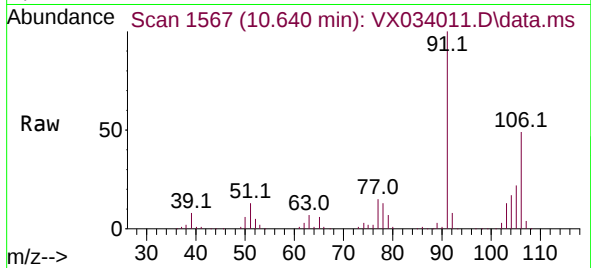
#69
o-Xylene
Concen: 20.162 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 5267
Ion Ratio Lower Upper
106 100
91 208.1 103.1 309.3

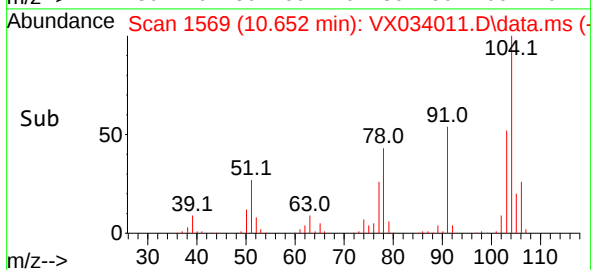
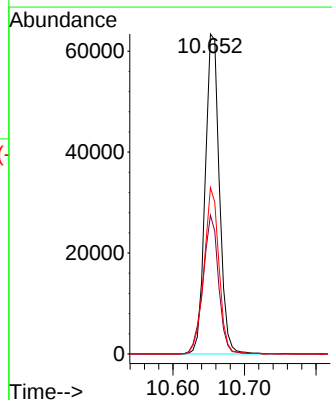
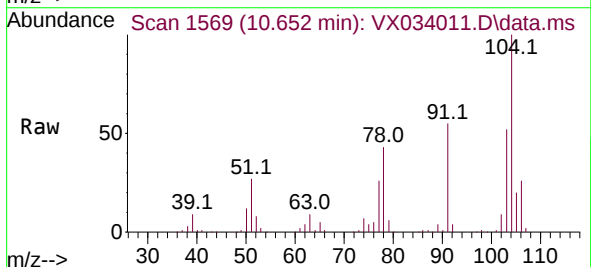
Manual Integrations
APPROVED

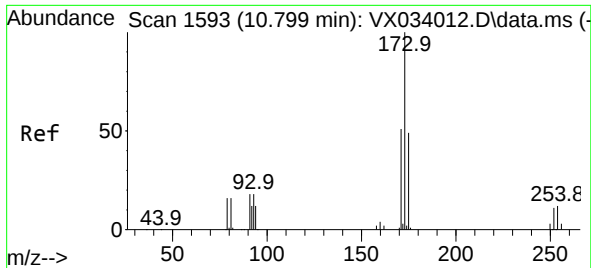
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#70
Styrene
Concen: 20.649 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

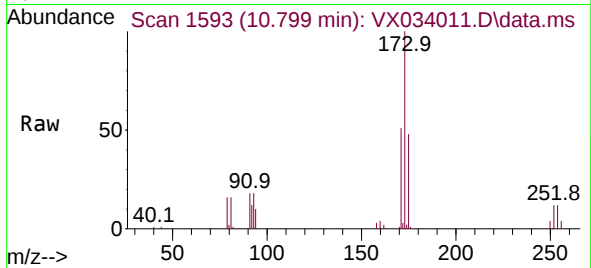
Tgt Ion:104 Resp: 87678
Ion Ratio Lower Upper
104 100
78 47.2 37.5 56.3
103 54.7 43.3 64.9





#71
Bromoform
Concen: 20.194 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

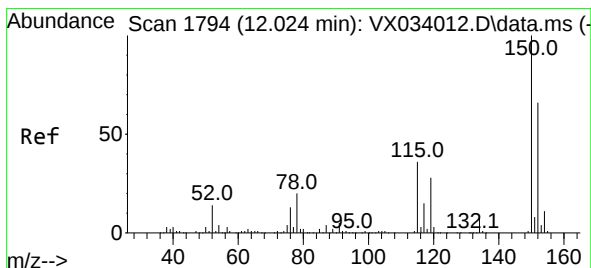
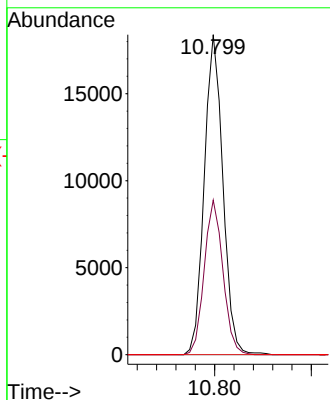
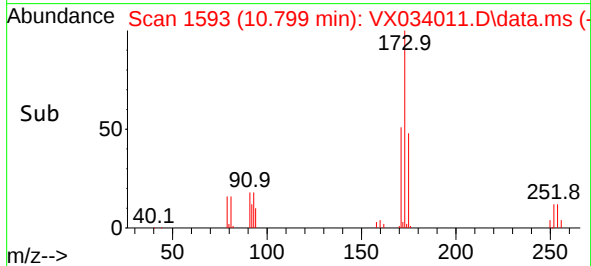
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



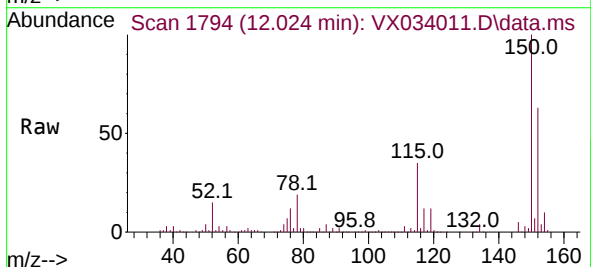
Tgt Ion:173 Resp: 24612
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

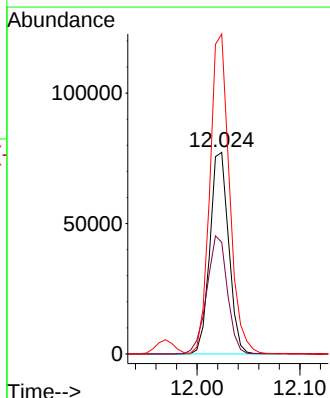
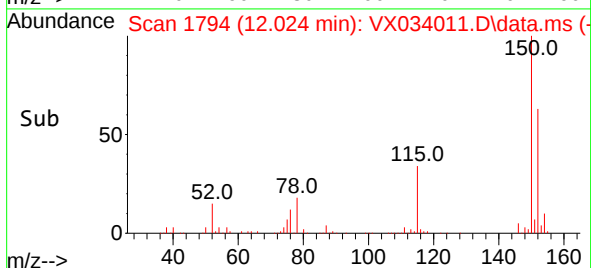
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

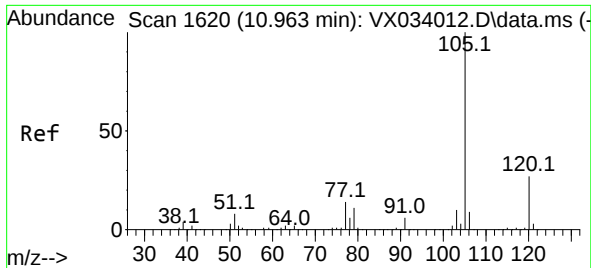


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32



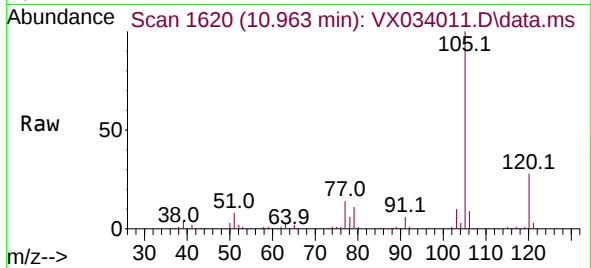
Tgt Ion:152 Resp: 97999
Ion Ratio Lower Upper
152 100
115 64.2 38.7 116.1
150 165.8 0.0 348.2





#73
Isopropylbenzene
Concen: 19.443 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

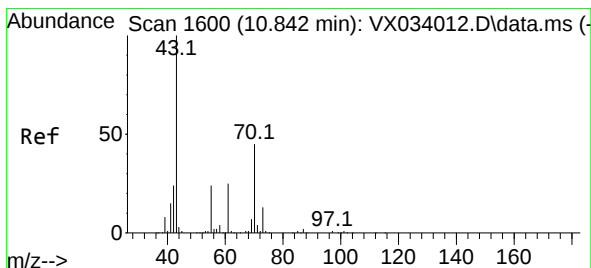
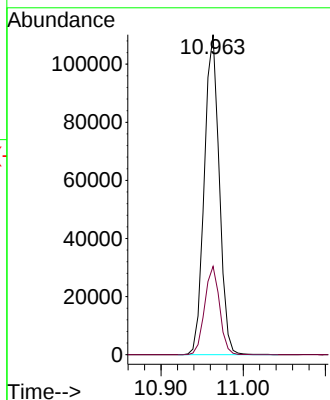
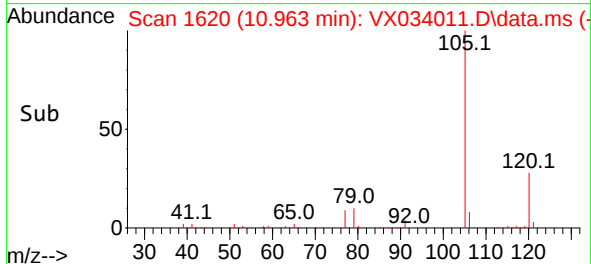
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



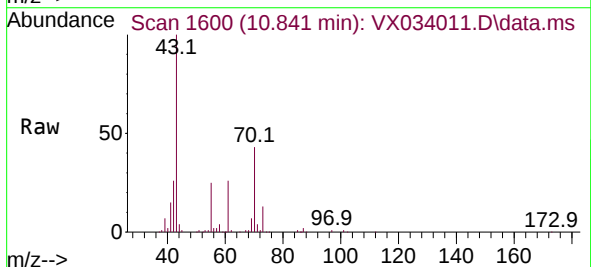
Tgt Ion:105 Resp: 139262
Ion Ratio Lower Upper
105 100
120 27.4 13.6 40.8

Manual Integrations
APPROVED

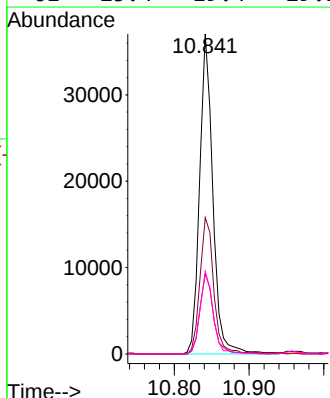
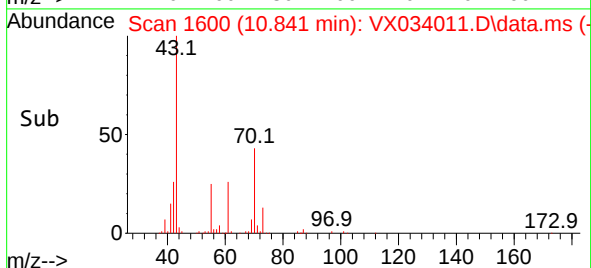
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

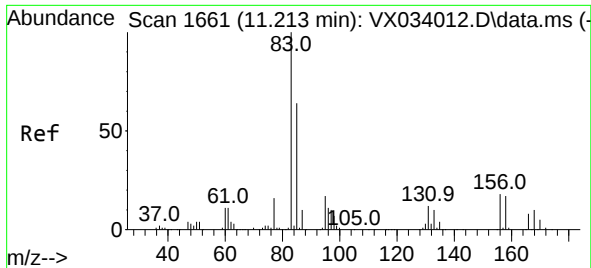


#74
N-ethyl acetate
Concen: 17.971 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32



Tgt Ion: 43 Resp: 45545
Ion Ratio Lower Upper
43 100
70 44.3 34.8 52.2
55 25.8 19.4 29.0
61 25.4 19.4 29.2





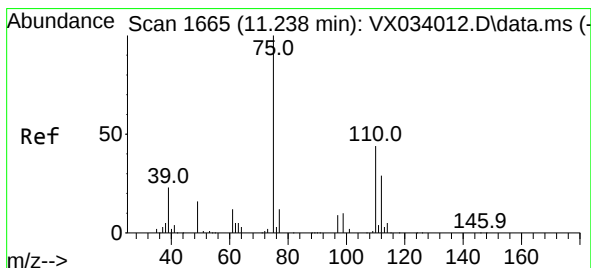
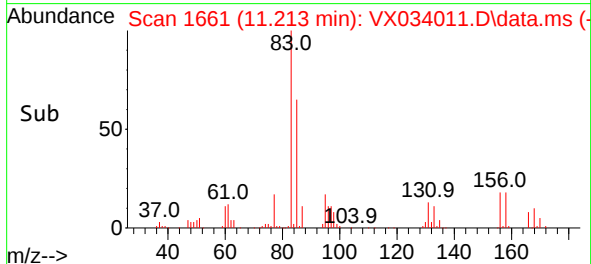
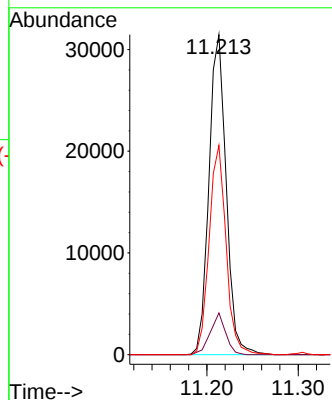
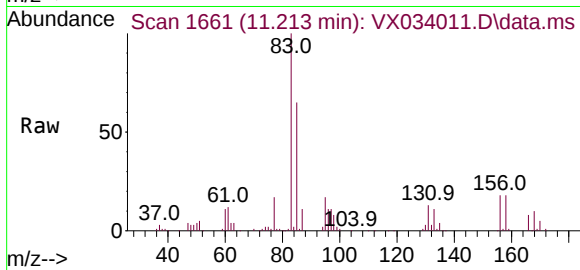
#75
1,1,2,2-Tetrachloroethane
Concen: 19.131 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 41082
Ion Ratio Lower Upper
83 100
131 11.7 5.5 16.7
85 64.4 32.3 96.9

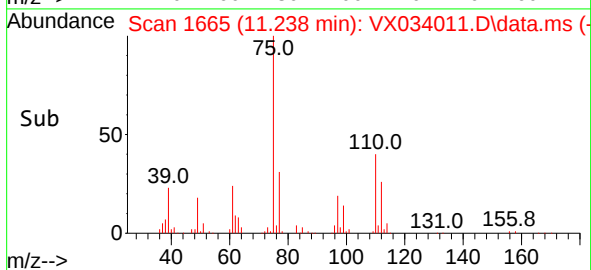
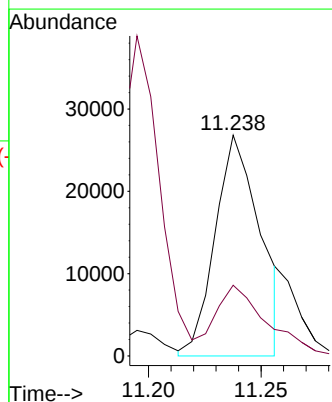
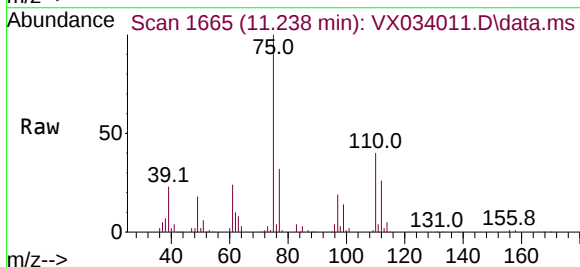
Manual Integrations
APPROVED

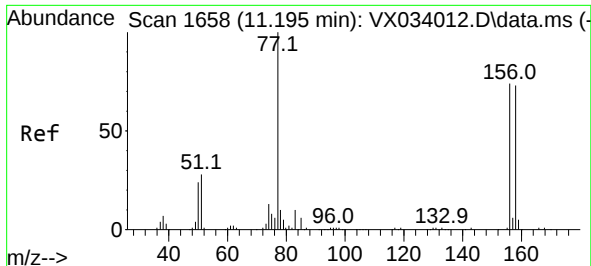
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#76
1,2,3-Trichloropropane
Concen: 20.714 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

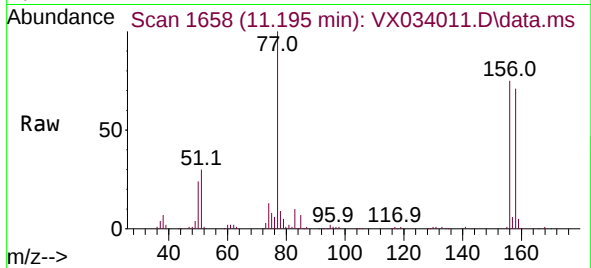
Tgt Ion: 75 Resp: 37306
Ion Ratio Lower Upper
75 100
77 37.1 21.8 65.4





#77
Bromobenzene
Concen: 19.777 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

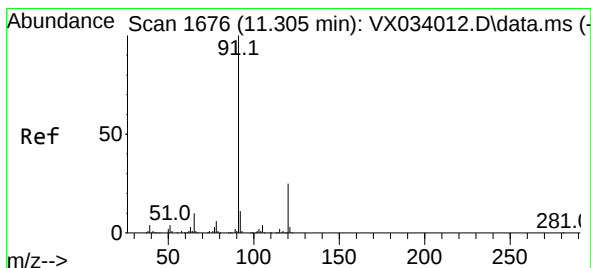
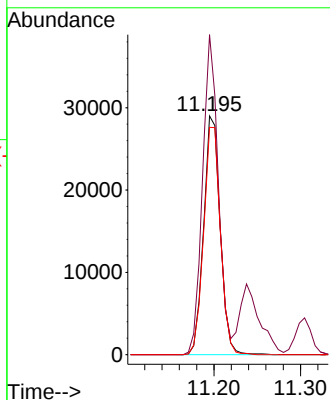
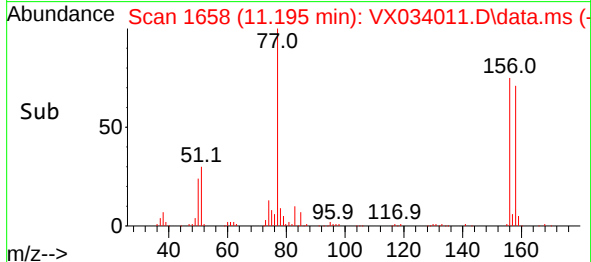
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



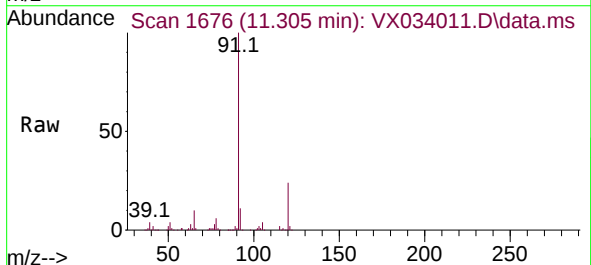
Tgt Ion:156 Resp: 3840
Ion Ratio Lower Upper
156 100
77 127.6 68.1 204.3
158 96.9 48.0 144.2

Manual Integrations
APPROVED

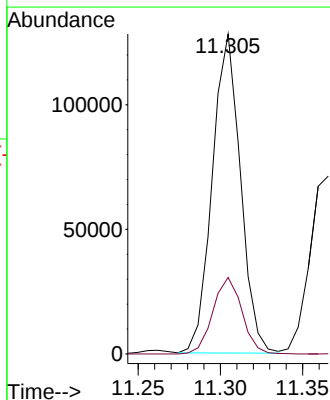
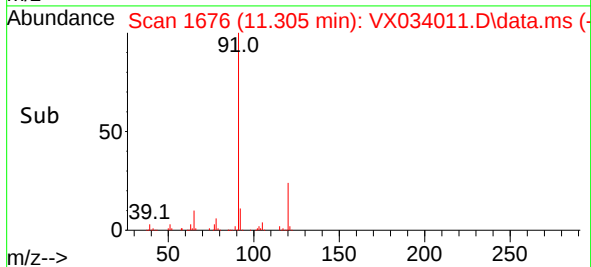
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

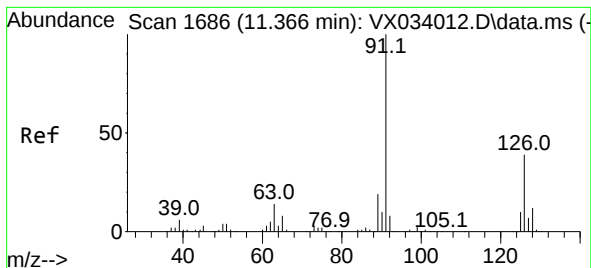


#78
n-propylbenzene
Concen: 19.148 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32



Tgt Ion: 91 Resp: 152747
Ion Ratio Lower Upper
91 100
120 24.6 12.3 36.8





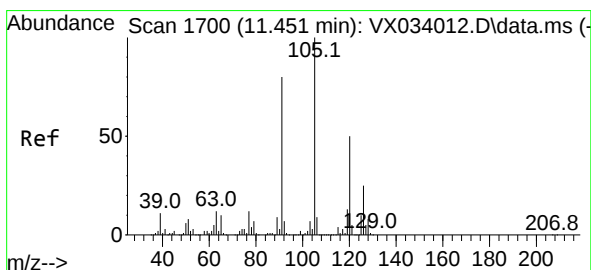
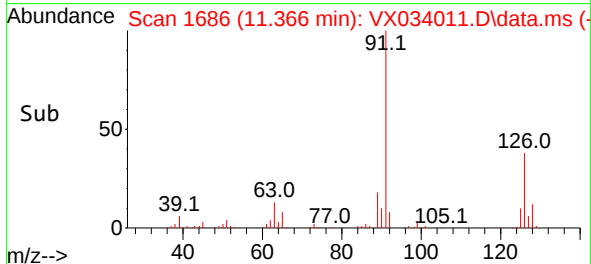
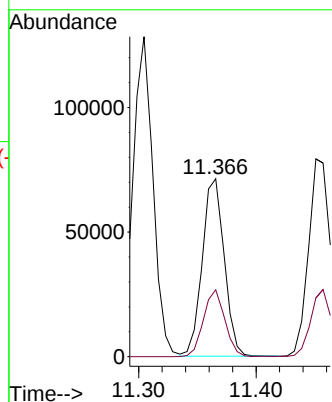
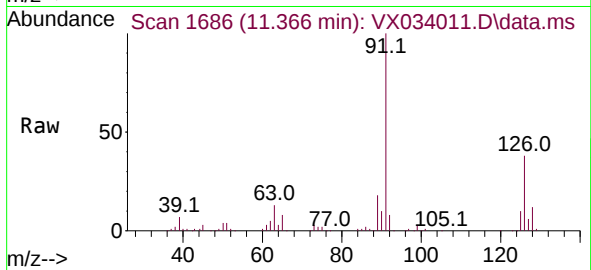
#79
2-Chlorotoluene
Concen: 18.989 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 9217
Ion Ratio Lower Upper
91 100
126 36.7 18.1 54.1

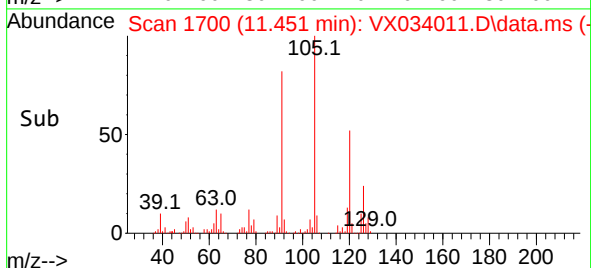
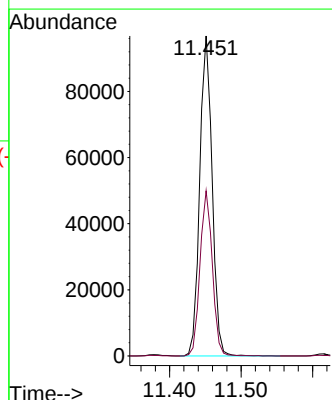
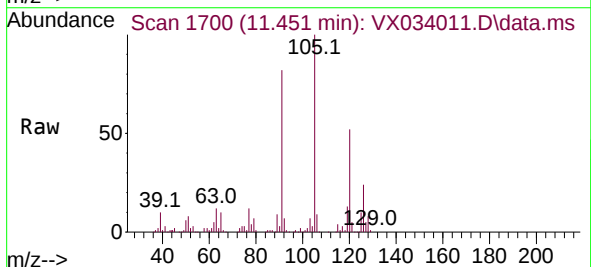
Manual Integrations
APPROVED

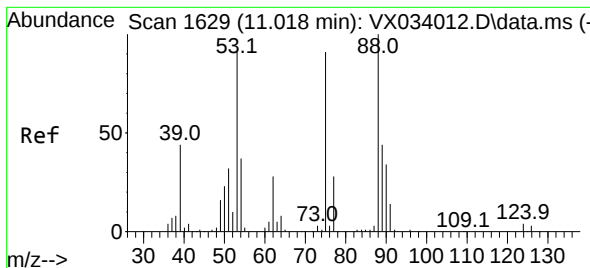
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.639 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

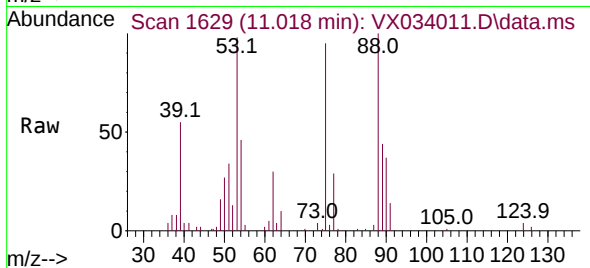
Tgt Ion:105 Resp: 116183
Ion Ratio Lower Upper
105 100
120 51.2 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.837 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

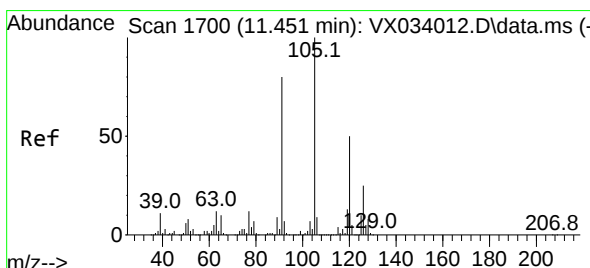
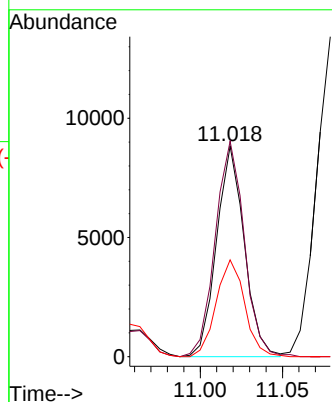
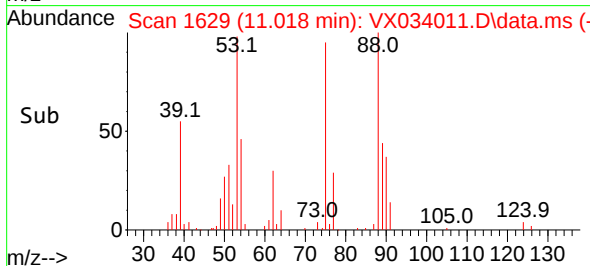
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



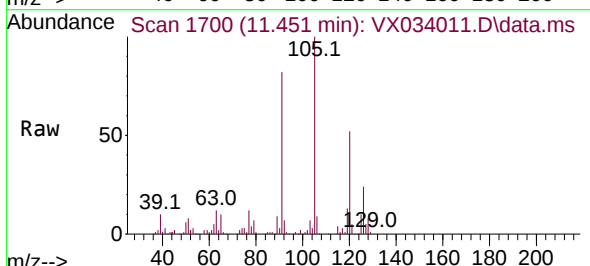
Tgt Ion: 75 Resp: 10352
Ion Ratio Lower Upper
75 100
53 107.0 83.0 124.6
89 47.2 37.7 56.5

Manual Integrations
APPROVED

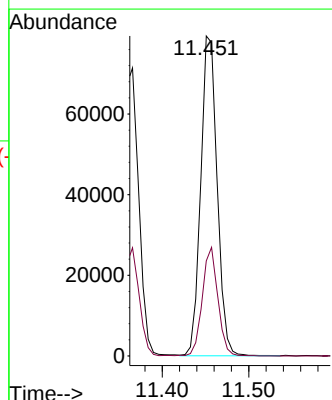
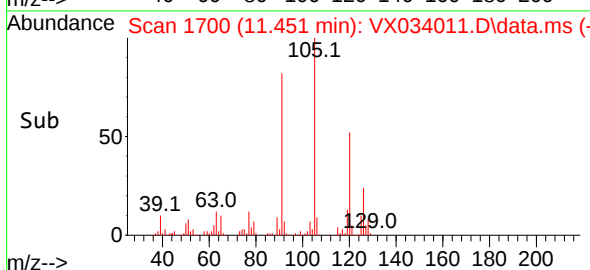
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

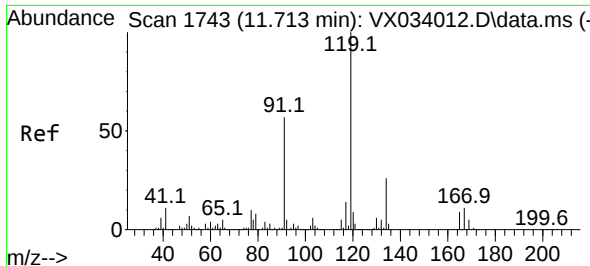


#82
4-Chlorotoluene
Concen: 18.946 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32



Tgt Ion: 91 Resp: 104406
Ion Ratio Lower Upper
91 100
126 32.1 15.8 47.4





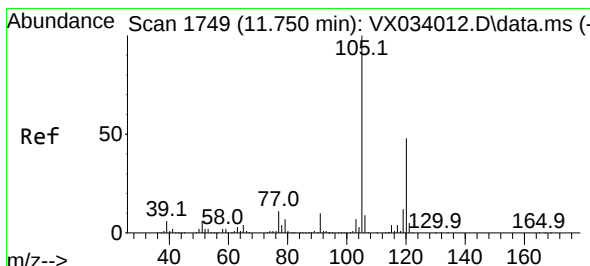
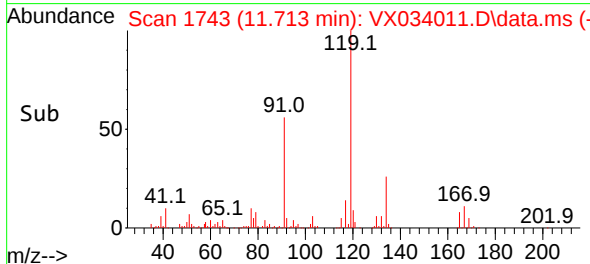
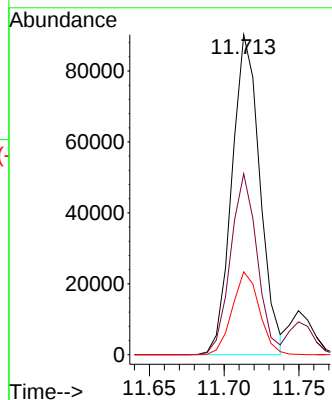
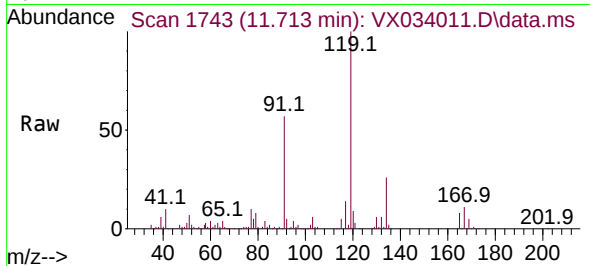
#83
tert-Butylbenzene
Concen: 20.143 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 11766
Ion Ratio Lower Upper
119 100
91 53.9 26.9 80.7
134 25.0 12.3 36.8

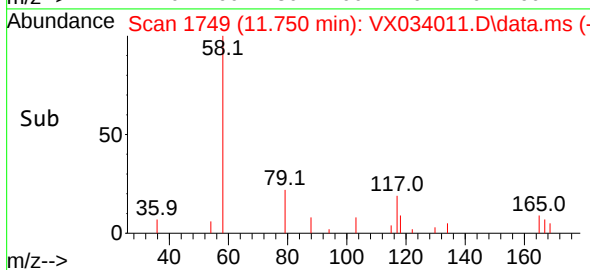
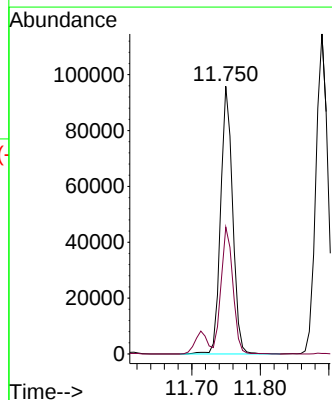
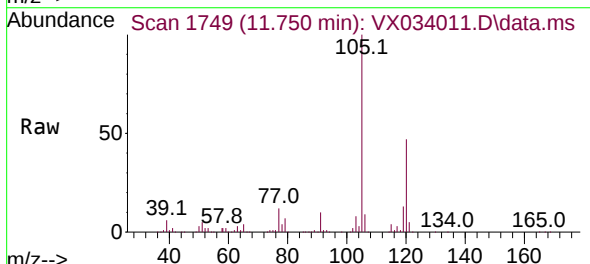
Manual Integrations
APPROVED

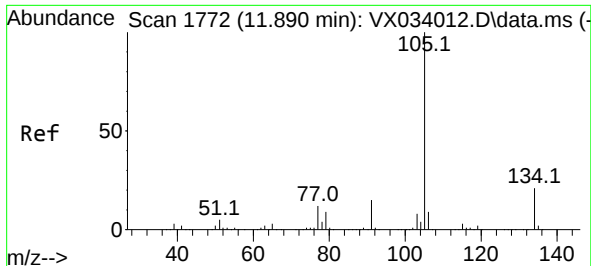
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.784 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

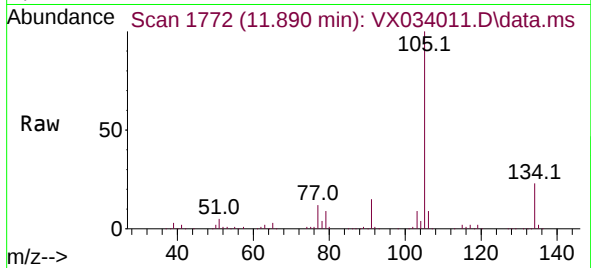
Tgt Ion:105 Resp: 115855
Ion Ratio Lower Upper
105 100
120 46.8 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 20.022 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034011.D
 Acq: 03 Feb 2023 15:32

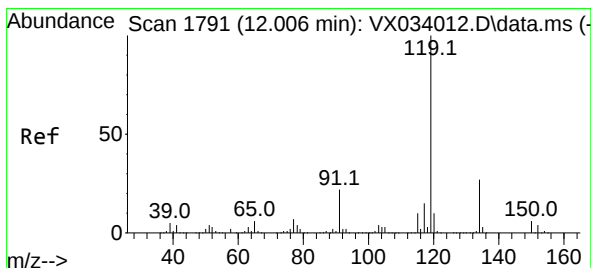
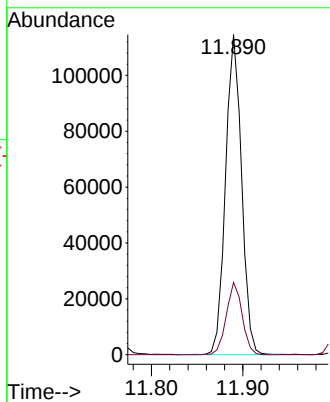
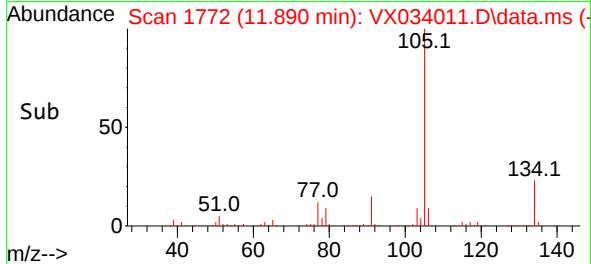
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



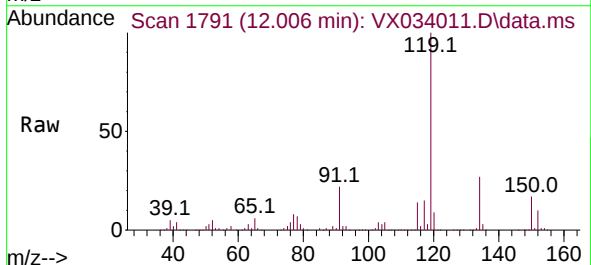
Tgt Ion:105 Resp: 139940
 Ion Ratio Lower Upper
 105 100
 134 22.2 10.8 32.3

Manual Integrations
 APPROVED

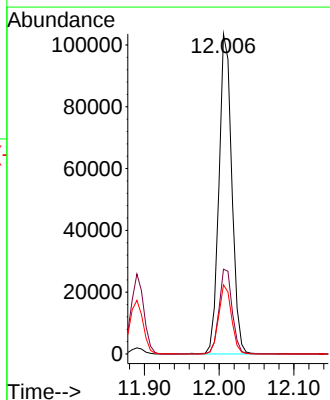
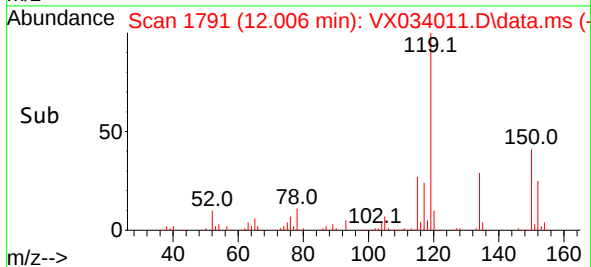
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023

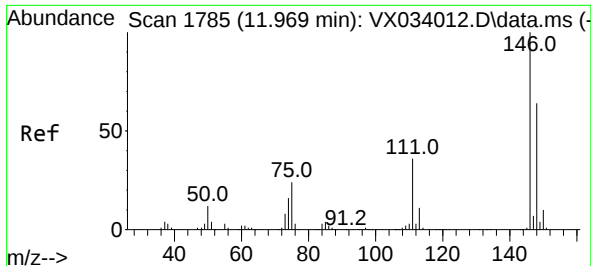


#86
 p-Isopropyltoluene
 Concen: 20.762 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034011.D
 Acq: 03 Feb 2023 15:32



Tgt Ion:119 Resp: 124435
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.8
 91 21.5 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 20.566 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 6837

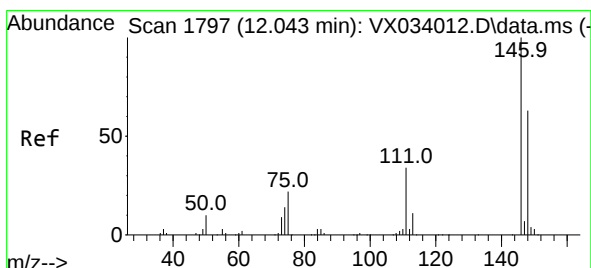
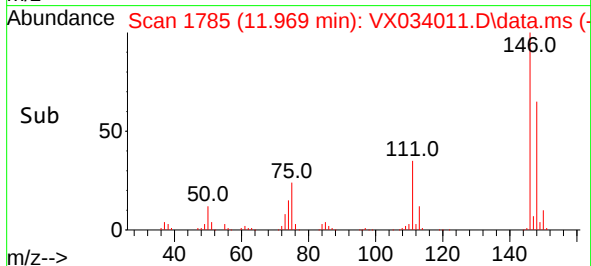
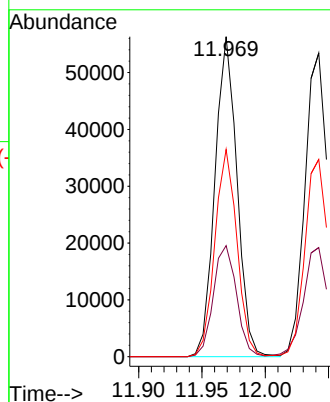
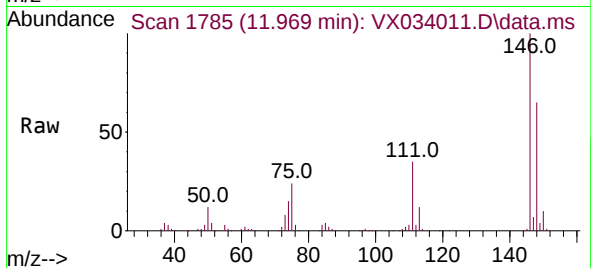
Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.6	55.6
148	64.7	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#88

1,4-Dichlorobenzene

Concen: 20.197 ug/l

RT: 12.042 min Scan# 1797

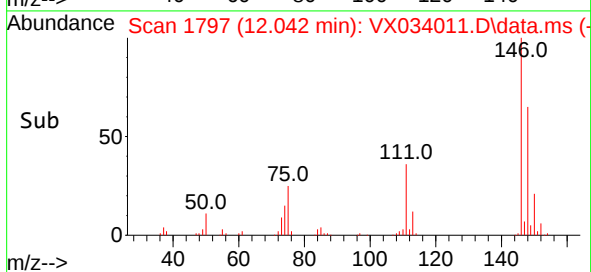
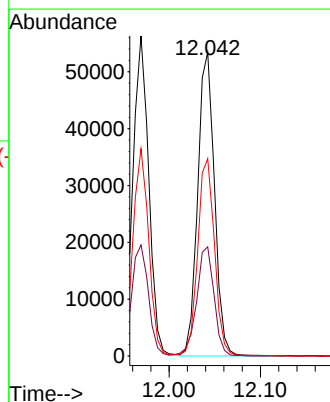
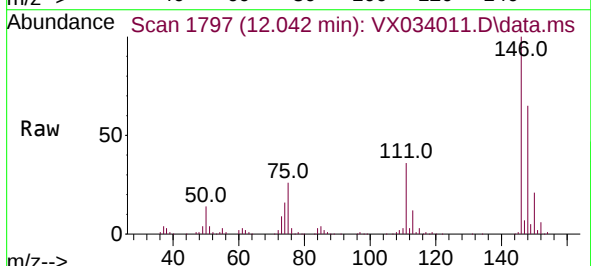
Delta R.T. -0.000 min

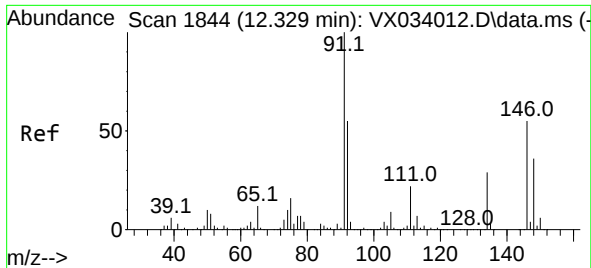
Lab File: VX034011.D

Acq: 03 Feb 2023 15:32

Tgt Ion:146 Resp: 68310

Ion	Ratio	Lower	Upper
146	100		
111	37.4	17.8	53.4
148	65.2	32.1	96.3





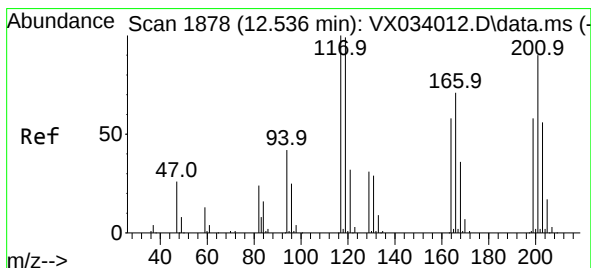
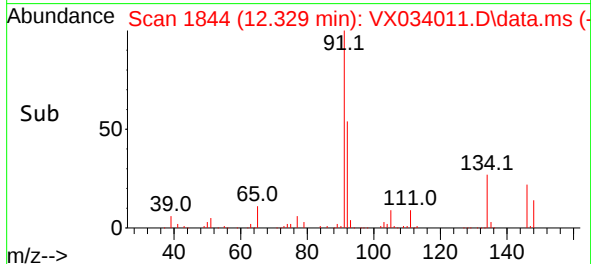
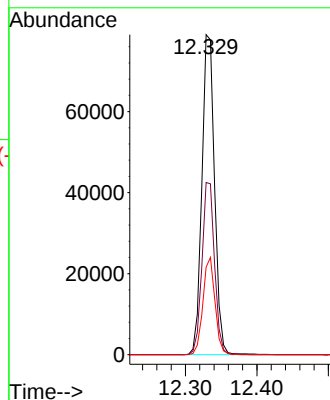
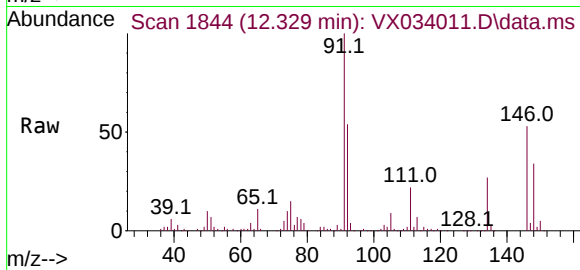
#89
n-Butylbenzene
Concen: 19.912 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 97089
Ion Ratio Lower Upper
91 100
92 53.6 27.5 82.5
134 29.0 14.3 42.9

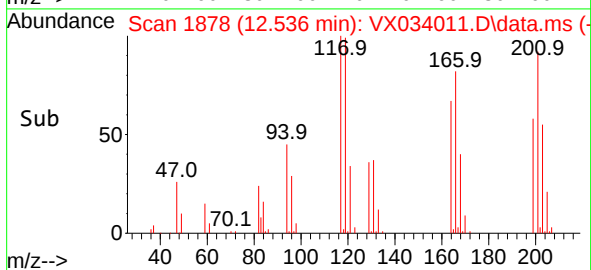
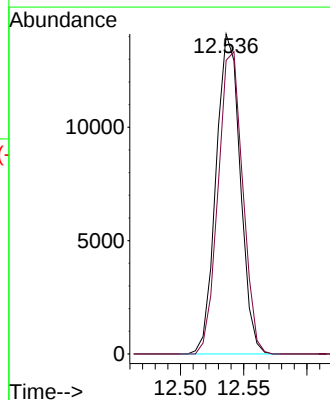
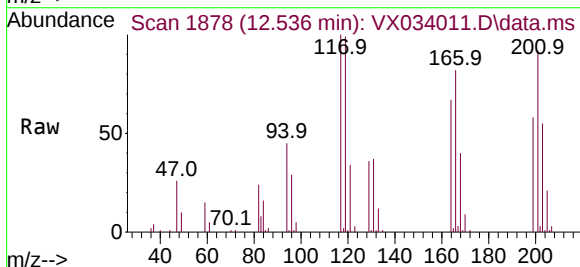
Manual Integrations
APPROVED

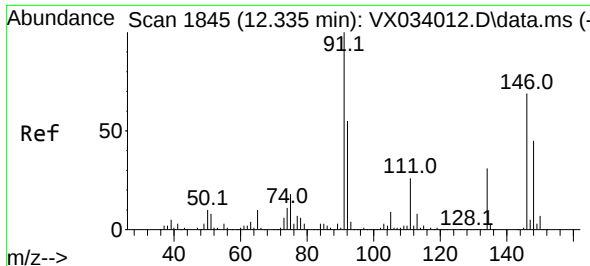
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#90
Hexachloroethane
Concen: 19.153 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

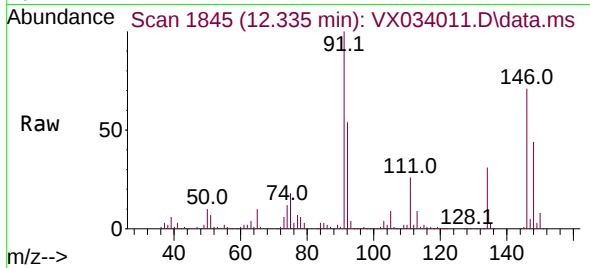
Tgt Ion:117 Resp: 18716
Ion Ratio Lower Upper
117 100
201 96.0 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 20.960 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

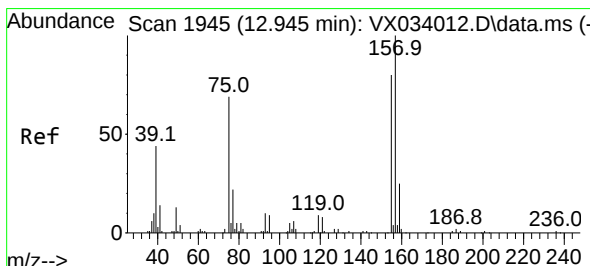
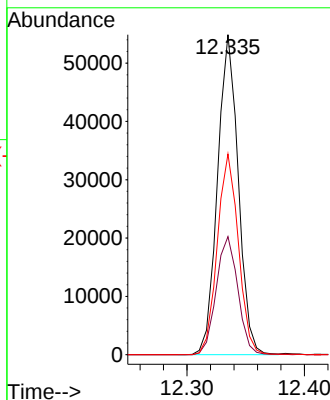
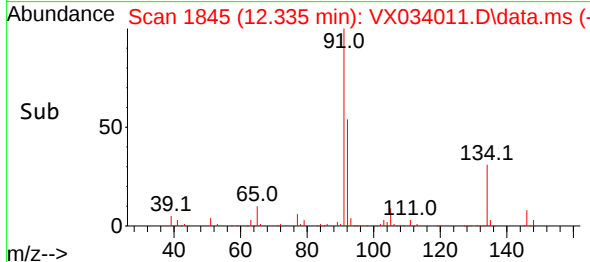
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



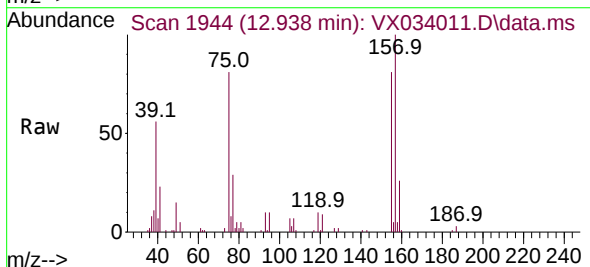
Tgt Ion:146 Resp: 6739
Ion Ratio Lower Upper
146 100
111 38.5 19.3 57.8
148 63.8 32.3 96.9

Manual Integrations
APPROVED

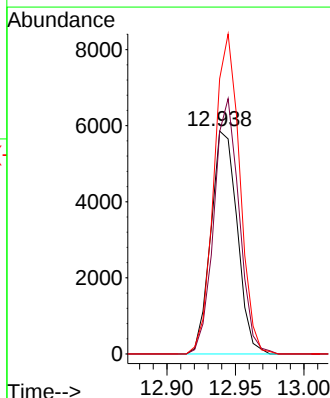
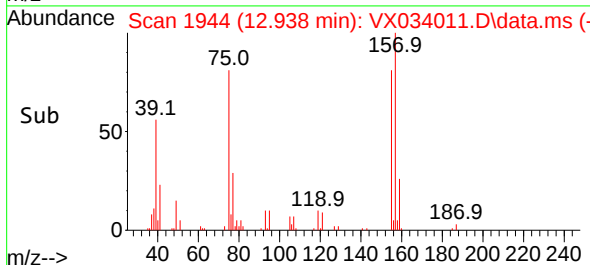
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

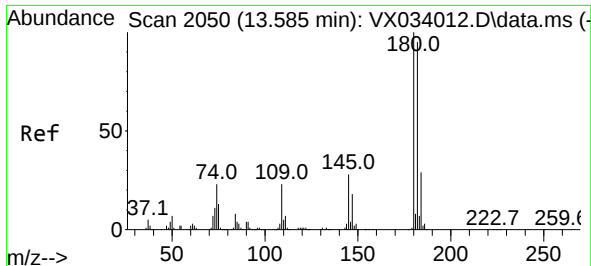


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.499 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32



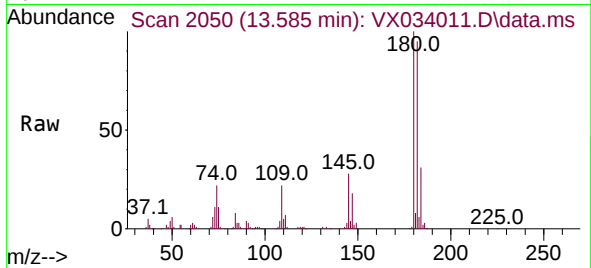
Tgt Ion: 75 Resp: 7813
Ion Ratio Lower Upper
75 100
155 109.5 51.7 155.1
157 140.2 67.5 202.3





#93
1,2,4-Trichlorobenzene
Concen: 21.565 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

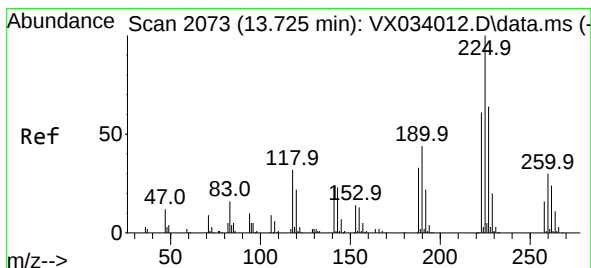
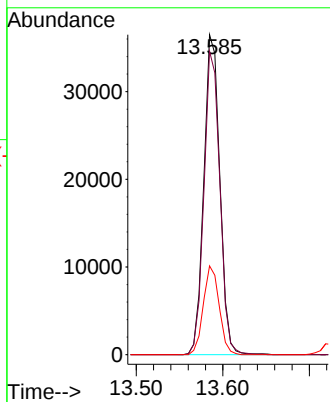
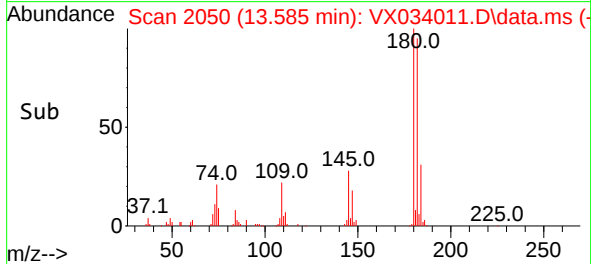
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



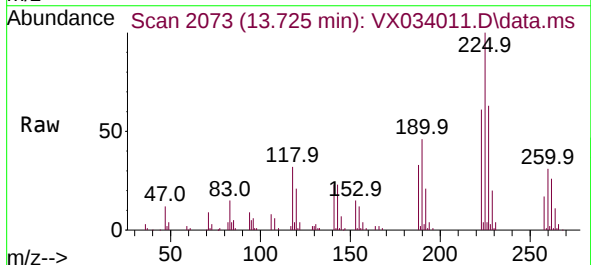
Tgt Ion:180 Resp: 4687
Ion Ratio Lower Upper
180 100
182 94.2 47.9 143.6
145 27.5 14.1 42.2

Manual Integrations
APPROVED

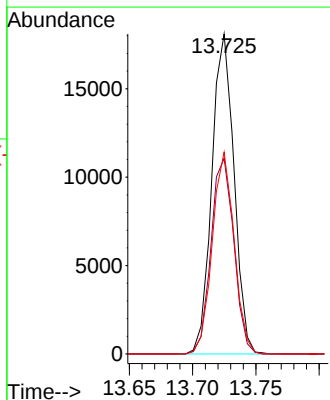
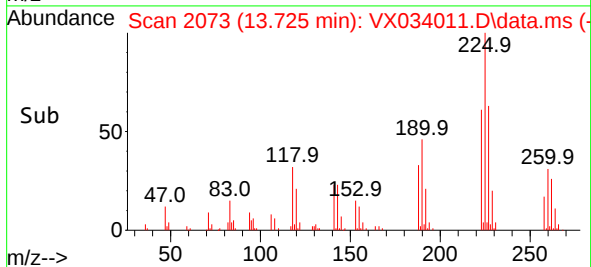
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

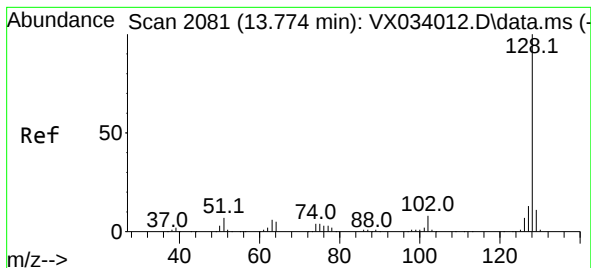


#94
Hexachlorobutadiene
Concen: 20.706 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32



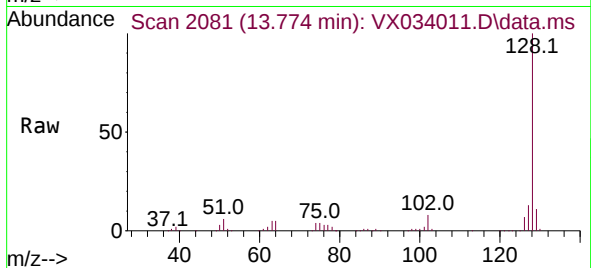
Tgt Ion:225 Resp: 22005
Ion Ratio Lower Upper
225 100
223 62.9 31.3 93.9
227 62.4 32.3 96.9





#95
Naphthalene
Concen: 21.077 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32

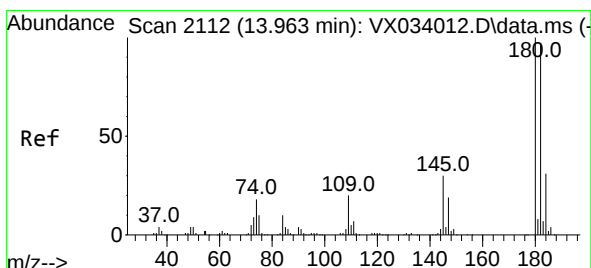
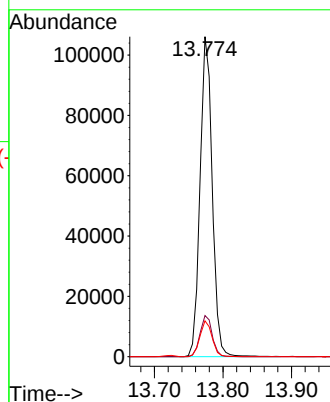
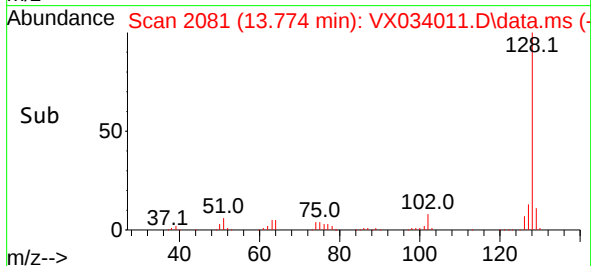
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



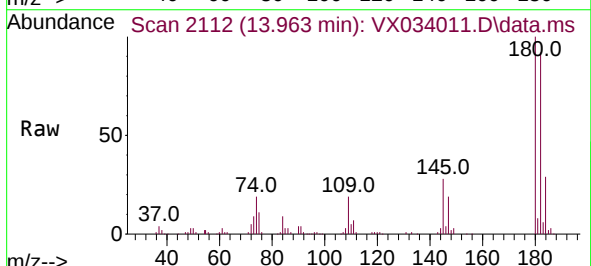
Tgt Ion:128 Resp: 131430
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 21.537 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034011.D
Acq: 03 Feb 2023 15:32



Tgt Ion:180 Resp: 46917
Ion Ratio Lower Upper
180 100
182 93.8 47.6 142.9
145 28.7 15.1 45.3

